

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



FETTING LIVESTOCK TRUST

Herd Number: 677425

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EBVs, EBVi's and GEBVs

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

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

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

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

Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Growth Value



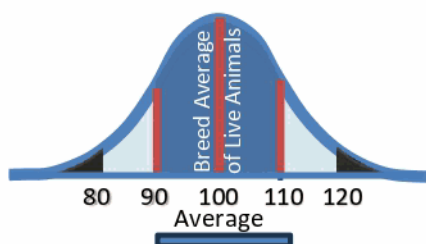
Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Carcass Value

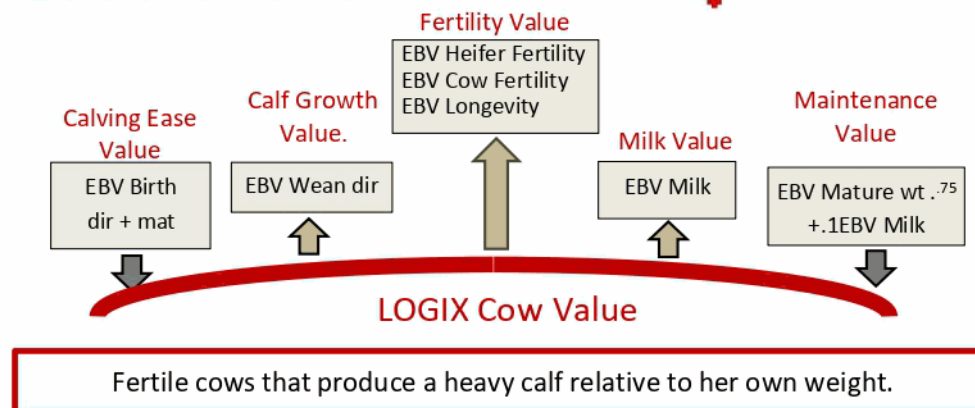


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

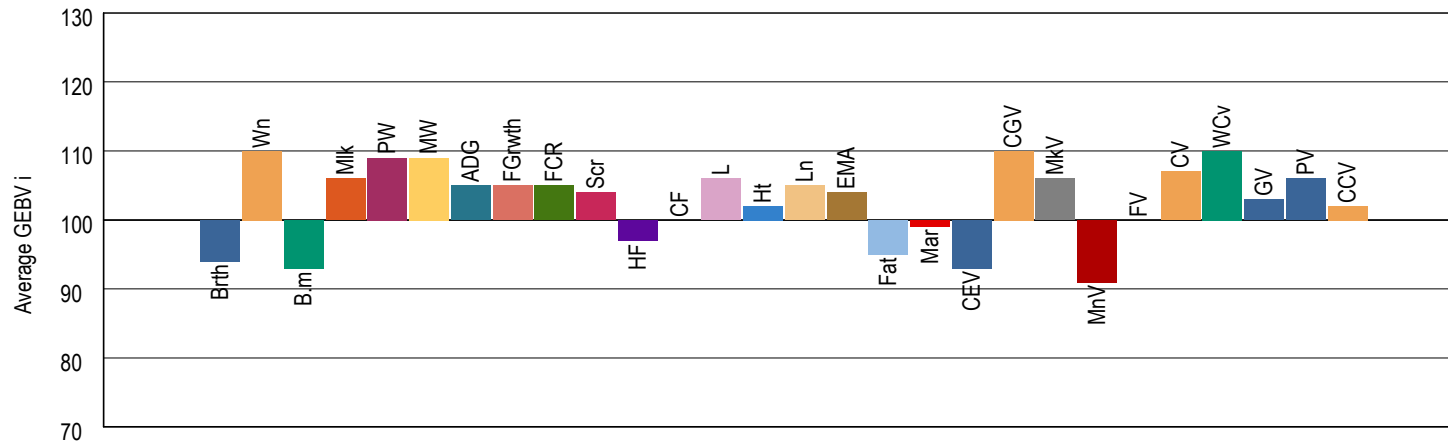
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.62	94	0.98
	Wean Weight	20.4	110	14.9
	Birth Mat.	0.06	93	-0.28
	Milk (Wn.Mat.)	5.7	106	3.7
Postwean Growth	Postwean Wt	33	109	25
	Mature Weight	36	109	22
	ADG	97	105	79
	VeldGrowth	47	105	35
	FCR	-45	105	-37
Fertility	Scrotal Circumf.	15	104	13
	Heifer Fertility	-7.2	97	-9.1
	Cow Fertility	-0.53	100	-0.56
	Longevity	35.6	106	31.8
Frame	Height	-1.6	102	-3.1
	Length	17.7	105	13.6
Carcass	EMA	1.096	104	0.683
	Fat	-0.658	95	0.055
	Marbling	-0.118	99	-0.056

Selection Value	Ave. Herd
Calving Ease	93
Calf Growth	110
Milk	106
Maintenance	91
Fertility	100
Cow Value	107
Weaner Calf Value	110
Growth Value	103
Production Value	106
Carcass Value	102

- 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?:

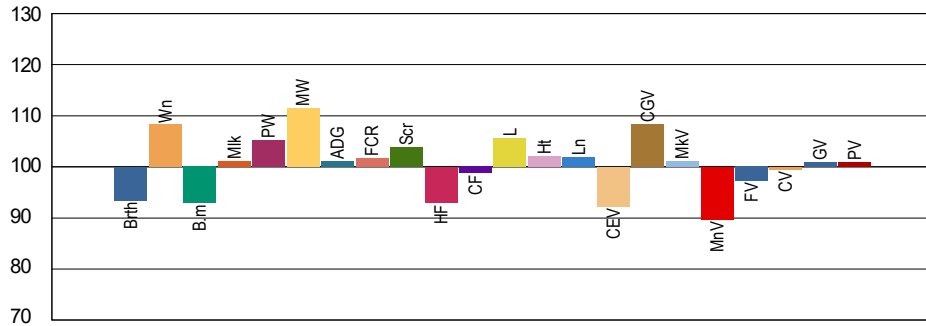
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

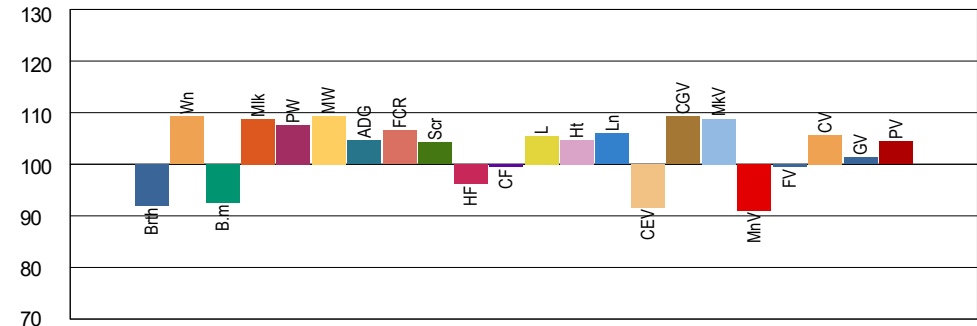
Total: 45



Cow Herd

Cows born in 2024 and earlier

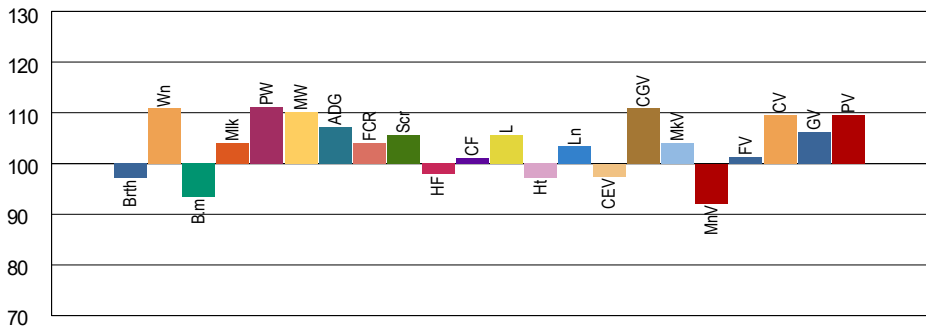
Total: 303



Sires of young animals

Sires of animals 3 years and younger

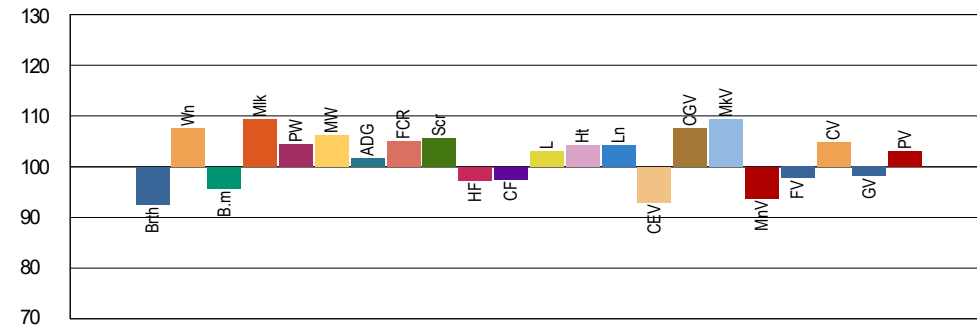
Total: 20



Cows older than 6 years

Cows born in 2020 and earlier

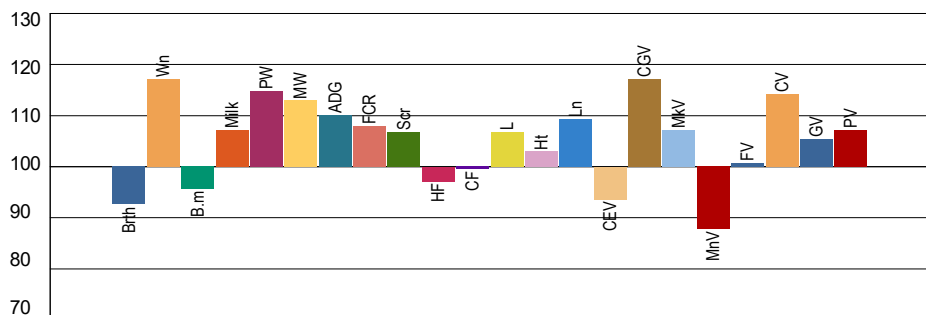
Total: 131



Bull calves

Bulls born in 2025

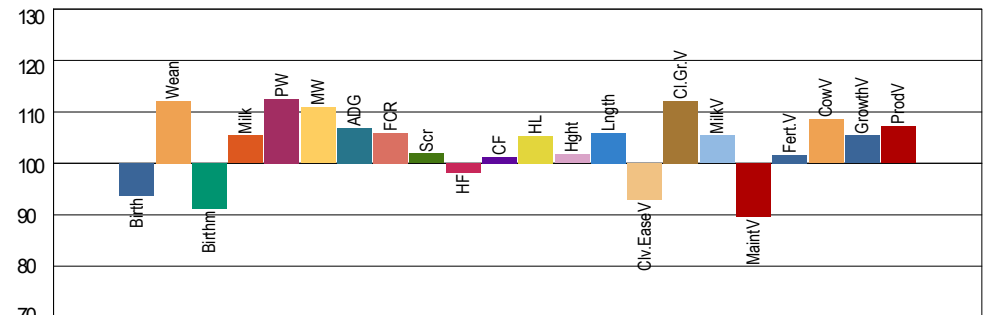
Total: 84



Heifer calves

Heifers born in 2025

Total: 92

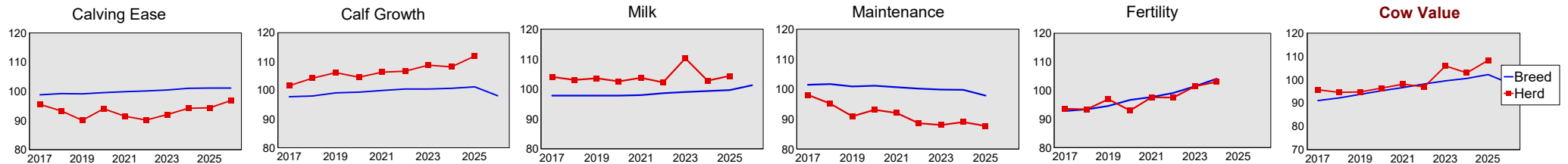


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame	
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	99	100	100	100	100	99	100	100	99	100	100	100	99	100	100	100	100	100	100	101	100
2011	1	★★	131	72	75	136	87	76	61	69	133	72	94	75	72	70	62	69	88	102	94	76	73	54
2012	6	★★★★	100	90	103	108	106	95	94	94	103	90	89	103	86	92	96	102	97	109	105	98	105	95
2013	8	★★★★	103	92	102	105	95	91	84	88	103	92	105	102	91	94	88	96	98	97	101	92	98	91
2014	3	★★★★☆	89	114	116	89	93	109	109	109	84	114	102	116	111	111	114	114	106	99	91	100	117	119
2015	12	★★★★	90	108	108	98	84	97	99	97	86	108	99	108	105	103	103	105	101	87	88	98	106	107
2016	8	★★★★☆	101	98	108	101	100	101	89	97	103	98	93	108	94	100	95	100	113	101	99	102	98	94
2017	16	★★★★★	95	108	112	96	99	110	100	108	93	108	103	112	106	103	105	110	105	98	98	105	103	107
2018	15	★★★★★	84	118	118	85	100	115	106	114	84	118	89	118	114	116	109	113	108	97	99	106	112	115
2019	34	★★★★☆	89	111	112	88	100	108	102	106	88	111	95	112	108	112	105	106	107	96	100	105	106	107
2020	28	★★★★☆	95	108	105	93	98	105	96	102	97	108	93	105	105	107	99	102	107	99	95	106	101	102
2021	30	★★★★☆	92	107	107	93	99	102	101	102	92	107	92	107	105	108	103	104	101	94	100	105	102	103
2022	27	★★★★	90	107	100	89	99	97	98	96	94	107	86	100	105	112	101	102	99	94	99	107	103	102
2023	41	★★★★★	89	113	114	87	102	111	103	111	89	113	88	114	112	114	106	108	102	96	100	109	108	109
2024	74	★★★★☆	91	112	109	88	102	109	108	108	92	112	92	109	113	112	111	111	106	96	102	107	106	110
2025	92	★★★★☆	93	112	105	90	102	109	105	107	94	112	91	105	113	111	107	106	102	98	101	105	102	106
2026	71	★★★★☆	97	105	104	95	101	104	93	100	99	105	91	104	104	104	98	96	104	98	100	107	94	96
Cows in Herd Average:			96	105	106	96	98	102	97	101	96	105	94	106	103	104	100	100	103	98	98	102	102	101

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.



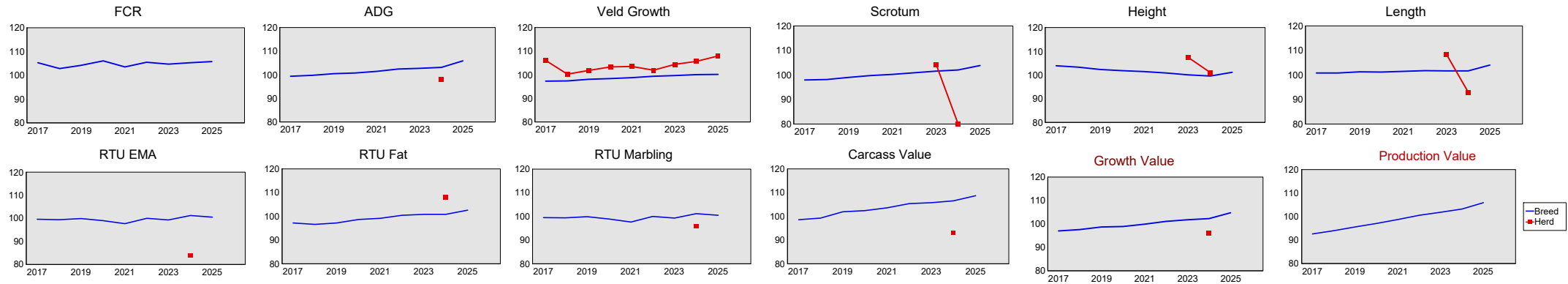
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility			
	Number	EBV				Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV		Number
2017	78	1.43	-0.05	95		76	15.8	102	76	4.94	104	53	28.9	10	31	98	12	-6.0	10	0.5	71	26.6	94	96
2018	196	1.74	-0.06	93		173	17.2	104	173	4.65	103	106	29.0	38	39	95	42	-5.9	36	0.6	177	27.4	93	95
2019	175	2.03	-0.04	90		152	18.2	106	152	4.80	104	93	30.4	47	40	91	49	-5.9	43	-0.3	150	27.7	97	95
2020	169	1.62	-0.01	94		152	17.4	105	152	4.51	103	102	30.7	44	33	93	49	-7.1	38	0.6	135	26.9	93	96
2021	199	1.65	0.22	91		175	18.3	106	175	4.86	104	113	29.9	46	34	92	51	-5.6	40	-0.6	163	29.4	98	98
2022	203	1.76	0.28	90		187	18.5	107	187	4.38	102	124	31.3	34	37	89	37	-5.9	31	-0.2	66	30.0	98	97
2023	218	1.60	0.30	92		205	19.7	109	205	6.87	110	146	34.1	47	40	88	54	-7.2	22	-1.3			102	106
2024	252	1.42	0.15	94		242	19.3	108	242	4.55	103	163	35.2			89	25	-7.2					103	103
2025	280	1.54	0.09	94		263	21.3	112	263	5.04	104	77	38.4			88								108
2026	130	1.01	0.19	97																				

Breed

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

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2017							53	51	106																			
2018							105	37	100																			
2019							91	40	102																			
2020							100	44	103																			
2021							112	44	104																			
2022							120	40	102																			
2023							109	46	104	39	15.3	104	38	3	107	37	21	108										
2024				1	72	98	160	50	106	1	-1.3	76	1	-3	101	1	7	93	1	-0.88	84	1.30	108	-0.42	96	93	96	
2025							77	55	108																			
2026																												

Breed

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

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID																																		Comp.nr	Birth	Wean
AG 070457		AG 040077	105	85	91	129	92	86	85	89	84	82	74	108	84	76	85	91	89	88	92	101	95	93	79	100	100	87	67	80	85	82	101	340	306	
65616708		HJB 020092	98	98	96	95	82	87	97	78	85	75	-11	0.18	0.5	-13	6.7	1.0	48	14.0	49	38	-28	-0.07	0.5	-9.2	-0.6	23.9	-29	-4.1	-0.80	-2.82	0.02	76	68	309
AG 170106		AG 130024	105	89	94	137	126	112	95	86	107	102	73	110	66	68	89	94	103	88	92	82	64	100	90	111	134	102	65	68	106	125	108	117	74	
85347920		AG 050203	96	96	92	92	90	86	95	90	87	90	-13	-0.10	3.0	-25	8.9	2.0	81	14.4	51	-8	23	0.30	6.7	-15.4	-6.7	33.2	-31	-14.8	1.26	3.94	0.60	7	15	18
AG 210198		AG 170106	104	101	88	115	106	104	101	92	101	99	88	104	95	86	101	88	98	94	97	83	83	103	96	98	108	108	79	83	104	107	103	37	10	
92295963		AG 190893	83	73	53	53	38	58	68	30	52	31	8	0.56	-0.9	1	15.5	0.0	69	19.6	69	-5	-8	0.50	10.6	-8.2	-2.0	36.6	-20	-1.6	1.07	1.11	0.21			
CEF 130317		CEF 110301	119	120	60	94	118	118	109	149	126	146	102	117	131	107	120	60	81	128	147	104	129	105	131	106	116	109	89	117	125	139	144	1096	923	
77370666		CEF 100161	99	99	99	99	99	91	99	98	92	99	27	-0.76	-5.8	33	25.4	-8.5	28	50.3	258	45	-85	0.60	31.4	-12.5	-3.5	37.3	-12	28.5	3.21	6.14	3.65	294	219	594
CKB 190026		LAR 140173	118	121	87	97	118	134	126	122	135	110	104	114	125	102	121	87	108	125	116	134	105	82	79	134	95	115	80	108	128	78	80	207	162	
89784623		CKB 130035	96	97	91	90	88	86	95	90	87	92	28	-0.47	-5.0	25	26.4	-0.2	93	47.1	142	117	-45	-0.67	0.2	-28.4	0.3	41.1	-19	20.3	3.47	-3.43	-1.74	28	6	6
DAJ 170037		AG 120131	99	104	91	92	105	98	95	98	97	102	101	103	94	108	104	91	92	107	94	111	98	88	109	115	106	89	104	101	97	97	112	27	24	
85078327		DAJ 100107	86	87	74	75	52	70	83	39	64	28	25	0.62	-0.8	35	17.3	0.9	54	31.5	58	63	-34	-0.34	18.3	-17.5	-1.6	25.4	0	14.2	0.35	-0.39	0.94		8	18
GCD 140143		KHB 100093	76	136	145	72	122	152	152	110	147	117	132	70	93	132	136	145	146	133	118	117	126	106	98	100	126	112	126	134	114	95	97	271	243	
80434608		GCD 120015	97	98	93	93	75	85	96	51	78	40	66	4.13	-0.7	69	34.3	17.5	185	54.8	146	77	-80	0.63	11.5	-9.2	-5.2	38.8	18	43.6	2.03	-0.71	-0.27	1	66	161
GCS 160035		ARB 100073	92	96	49	89	89	54	61	89	56	88	101	93	101	114	96	49	50	96	89	96	93	84	91	85	100	94	94	86	105	88	97	44	39	
84240902		GCS 120030	88	91	75	74	55	73	85	28	64	16	25	1.73	-1.7	43	13.0	-11.9	-48	21.4	36	27	-25	-0.56	7.5	-0.8	-0.6	28.4	-8	1.0	1.17	-1.79	-0.32		8	13
GFM 210178		DAJ 170026	94	115	92	76	92	96	108	109	98	124	122	93	109	129	115	92	94	115	109	79	101	102	120	91	101	88	109	110	104	98	102	17	17	
92229830		HCO 140157	79	84	56	54	42	62	74	42	58	29	53	1.73	-2.8	65	23.2	1.4	58	38.7	112	-14	-38	0.43	24.7	-4.2	-0.7	24.9	4	22.4	1.12	-0.22	0.12			
JOY 080026		NPT 040181	80	113	95	93	76	84	103	87	82	98	103	74	91	107	113	95	103	103	93	93	96	74	88	60	105	83	117	108	96	96	98	65	64	
66381385		JOY 050149	92	93	85	82	61	77	90	42	70	18	28	3.71	-0.4	32	21.7	2.0	82	28.1	54	20	-30	-1.11	5.9	13.9	-1.4	21.3	10	21.1	0.26	-0.50	-0.25	4	12	75
JOY 120119		LAR 040377	79	112	104	85	82	89	105	118	93	116	121	79	96	116	112	104	106	108	117	95	114	122	109	95	83	97	106	111	111	95	93	173	156	
76325463		JOY 090071	96	97	91	91	74	83	95	34	73	30	52	3.15	-1.1	46	21.6	4.9	87	32.0	142	25	-59	1.53	18.1	-6.0	2.5	29.9	2	23.2	1.79	-0.75	-0.65		36	126
JOY 130002		GCD 090175	118	103	109	89	103	114	108	84	108	97	110	122	107	110	103	109	105	99	87	96	93	93	122	97	100	108	88	89	104	78	100	152	141	
77173482		JOY 100107	97	97	92	92	73	84	95	32	74	30	37	-1.30	-2.6	37	16.5	6.5	84	24.4	31	25	-25	-0.06	25.7	-7.1	-0.6	36.7	-12	4.1	1.10	-3.40	-0.03		37	134
JOY 160048		KVB 080089	99	98	117	112	72	94	109	88	91	88	90	94	102	87	98	117	122	98	95	125	99	111	113	86	75	89	85	88	101	93	84	17	14	
83546242		JOY 130118	83	84	70	70	55	68	79	38	62	26	10	1.56	-1.8	3	14.0	9.0	127	23.5	60	96	-34	0.94	20.3	-1.2	3.8	25.5	-15	2.6	0.77	-1.00	-1.38		3	9
JOY 170125		JOY 130002	112	90	99	103	114	102	89	79	96	83	90	114	101	95	90	99	92	90	82	102	95	91	105	120	105	102	86	82	90	85	103	15	15	
86431780		BP 090054	84	85	74	73	55	70	81	28	62	24	10	-0.47	-1.8	14	9.5	3.4	55	16.0	10	42	-28	-0.16	16.0	-20.3	-1.5	33.3	-14	-2.1	-0.33	-2.25	0.21		5	12

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID																																		Comp.nr	Birth
																																Grwth Test	Dght & clvs (Weaned)		
JOY 180011 87091187	JOY 130002 JOY 070020	88	105	136	80	72	96	112	91	93	99	121	99	82	120	105	136	122	109	90	97	93	105	115	81	64	113	91	88	101	87	100	179	173	
		95	97	86	83	63	80	93	28	70	25	52	1.07	0.8	52	17.9	14.8	127	32.8	40	28	-24	0.61	21.9	1.5	5.8	39.7	-11	3.0	0.79	-2.06	-0.09	26	39	
JOY 200204 91460683	GCD 140143 JOY 170002	78	132	142	71	120	145	149	114	142	107	135	71	98	134	132	142	140	132	122	132	131	86	112	95	123	118	127	131	106	90	95	78	76	
		90	94	71	60	54	72	85	28	63	22	71	4.01	-1.3	72	32.2	16.5	170	53.6	163	113	-87	-0.48	20.1	-6.4	-4.7	42.7	19	40.8	1.31	-1.53	-0.50	4	4	
JOY 210011 92117365	JOY 170125 JOY 180042	110	96	103	97	95	97	96				85	99	112	102	101	96	103	98	97	81	131	94	103	101	100	94	98	90	85	90	85	101	12	11
		77	80	59	52	42	60	72				16	22	-0.30	-1.9	24	12.7	4.6	68	22.7	8	110	-27	0.46	13.2	-9.3	0.5	30.5	-11	0.5	-0.33	-2.39	0.05	2	2
JOY 210015 92117407	JOY 170125 JOY 180185	77	131	136	72	98	129	143	116	129	116	131	83	93	132	131	136	136	129	123	126	126	108	122	99	90	111	132	139	115	89	103	14	14	
		79	82	61	52	43	62	74	20	54	17	65	2.78	-0.7	70	31.5	14.9	160	50.4	166	98	-79	0.76	26.2	-8.5	1.2	38.5	22	48.4	2.20	-1.63	0.20	3	3	
JOY 210021 92117464	KVB 080089 JOY 180115	108	91	100	111	83	87	93	103	89	92	92	107	100	88	91	100	97	96	109	121	108	119	103	96	76	105	85	96	101	93	84	52	52	
		88	92	67	60	55	70	83	34	63	26	13	0.20	-1.5	4	10.0	3.6	67	21.5	115	87	-50	1.40	14.3	-6.8	3.7	35.1	-15	9.9	0.76	-0.99	-1.38	2	2	
JOY 220062 93755262	GCD 140143 JOY 070020	70	135	149	67	87	129	152	119	130	115	141	68	83	138	135	149	145	140	121	152	127	115	115	84	89	105	129	133	111	95	99	35	32	
		85	89	67	61	50	68	81	34	61	28	78	4.28	0.8	78	33.8	18.8	182	61.0	161	161	-82	1.16	21.6	-0.2	1.4	34.8	20	43.3	1.79	-0.73	-0.17			
JOY 220143 94535606	GCD 140143 JOY 170117	80	140	133	76	113	147	152	106	142	113	129	55	93	127	140	133	143	132	111	129	118	104	109	101	113	108	116	122	114	88	95	41	38	
		86	89	65	60	48	67	80	28	59	22	63	5.68	-0.6	62	36.1	13.7	178	54.0	121	105	-67	0.52	18.2	-9.9	-2.9	36.7	10	33.4	2.11	-1.78	-0.45			
JOY 230068 95298642	JOY 180011 JOY 200015	78	125	132	71	94	118	133	104	116	112	135	86	90	134	125	132	127	126	106	125	111	106	117	91	87	118	110	114	113	87	98	48	21	
		85	85	59	56	42	64	77	20	55	17	71	2.46	-0.2	72	28.3	13.5	139	48.5	100	96	-54	0.63	22.9	-3.8	1.8	42.6	5	26.1	1.98	-1.94	-0.23			
JOY 230104 96265467	MCU 170224 JOY 210002	115	87	84	104	108	90	78	90	88	96	91	122	92	95	87	84	76	91	95	93	94	89	104	105	107	104	90	88	102	110	103	22		
		81	70	58	58	41	58	68	29	52	24	11	-1.36	-0.5	15	7.9	-1.3	14	17.1	62	18	-26	-0.26	14.9	-11.8	-1.9	34.5	-11	3.3	0.87	1.61	0.24			
JOY 230134 96264346	JOY 210021 JOY 160033	107	93	102	106	91	93	95	88	90	86	94	107	99	92	93	102	100	95	98	117	99	128	116	91	91	106	81	90	93	95	88	21		
		80	71	53	48	39	56	66	22	49	16	15	0.23	-1.5	11	11.5	4.4	73	20.1	71	76	-35	1.88	22.6	-3.7	1.1	35.7	-18	4.6	-0.05	-0.78	-1.08			
JRP 050027 61874855	AG 980338 JRP 000017	92	95	97	104	65	70	87	88	70	81	95	98	79	95	95	97	95	92	86	99	95	114	78	88	71	78	96	87	91	77	86	131	121	
		95	96	91	89	76	83	94	52	77	50	17	1.17	1.2	14	12.2	2.8	62	17.9	28	34	-29	1.10	-0.6	-2.1	4.5	18.5	-7	2.3	-0.24	-3.53	-1.28	29	130	
JRP 070022 65097875	 LAR 050008 JRP 040039	81	105	74	110	90	79	89	110	83	98	96	63	97	90	105	74	87	101	116	107	108	90	87	108	90	86	88	103	109	77	94	100	93	
		96	96	92	91	88	86	95	84	86	84	17	4.88	-1.1	7	17.6	-4.4	41	25.6	138	53	-49	-0.26	5.3	-13.7	1.2	23.2	-13	15.9	1.56	-3.56	-0.55	18	74	
JRP 150031 82285685	LAR 100031 JRP 100038	77	131	148	83	40	108	150	122	111	121	116	50	79	115	131	148	157	127	120	106	128	104	108	66	45	89	116	132	148	79	96	58	53	
		91	92	81	81	63	77	88	45	71	46	46	6.18	1.3	44	31.3	18.5	210	49.3	156	51	-82	0.56	17.4	10.2	9.2	25.4	9	42.2	5.44	-3.29	-0.42	12	34	
KTB 130110 79577466	JRP 100044 KTB 090108	86	97	107	99	85	82	93	99	83	93	100	81	101	99	97	107	103	96	101	81	111	68	102	74	102	95	96	97	101	76	97	36	31	
		86	89	72	68	57	71	83	44	66	28	23	2.97	-1.7	20	13.2	5.8	81	21.2	82	-9	-55	-1.45	13.8	5.9	-0.9	29.0	-6	10.7	0.83	-3.69	-0.32	2	13	

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	
																																			Grwth Test	Dght & clvs (Weaned)
KTB 150182 84014893	NPT 110168 KTB 120006		90	120	95	80	98	105	115	113	106	115	115	86	113	124	120	95	101	109	116	87	112	88	111	85	106	103	114	120	106	98	111	23	22	
			84	86	70	71	54	69	81	39	63	14	44	2.49	-3.3	57	25.4	2.2	76	32.8	141	5	-57	-0.33	19.2	-0.5	-1.7	33.7	8	31.3	1.32	-0.24	0.87	5	8	
KVB 080089 67347914	 EI 940339 RCO 010015		123	87	109	138	45	85	109	87	83	79	72	119	115	65	87	109	119	90	94	99	89	114	90	71	52	80	64	77	104	88	73	282	255	
			98	98	96	96	93	89	97	90	89	88	-14	-1.03	-3.6	-29	8.0	6.4	120	16.4	56	34	-19	1.11	6.8	7.4	8.0	19.7	-31	-6.6	1.12	-1.80	-2.34	12	40	177
LAR 040377 49366099	LAR 020101 LAR 000167		83	98	100	97	101	87	87	119	92	108	101	91	76	101	98	100	97	95	117	95	117	125	106	118	102	85	105	102	87	105	96	262	243	
			97	98	94	93	80	86	96	50	79	39	25	1.95	1.7	24	13.9	3.6	67	20.6	145	23	-65	1.68	16.2	-19.3	-0.9	22.9	1	15.5	-0.59	0.83	-0.38	45	237	
LAR 070055 64983638	BG 040088 LAR 040160		83	125	88	93	76	96	118	100	96	96	114	69	96	107	125	88	109	114	101	91	123	84	82	72	89	94	100	111	148	58	115	400	363	
			99	99	98	97	88	89	98	86	88	86	43	4.27	-1.0	32	28.5	0.0	95	37.2	85	13	-74	-0.59	2.1	6.8	1.4	28.2	-3	23.0	5.44	-6.65	1.20	95	106	536
LAR 080020 66860883	GCD 050148 LAR 050164		101	109	96	95	61	84	106	98	85	101	105	102	100	104	109	96	102	109	103	107	106	106	104	67	79	80	98	103	110	98	101	40	40	
			89	91	80	79	64	76	87	52	71	44	30	0.74	-1.6	28	19.5	2.6	79	33.5	92	54	-46	0.67	15.1	9.8	3.2	19.9	-4	16.1	1.64	-0.24	0.02	11	36	
LAR 090281 69427102	LAR 070090 LAR 050151		77	114	114	82	80	93	111	101	93	112	118	70	90	119	114	114	113	111	103	92	93	112	105	75	86	105	92	96	107	109	92	189	184	
			97	98	95	93	80	86	97	74	84	82	48	4.12	-0.2	50	22.6	7.9	105	34.6	90	16	-25	0.99	15.7	5.2	1.9	34.9	-9	9.8	1.35	1.51	-0.71	64	53	207
LAR 120230 75953224	MBT 080098 LAR 010345		85	101	61	85	91	62	71	116	69	103	108	85	100	119	101	61	62	99	115	98	98	91	114	84	114	83	88	89	86	72	101	225	217	
			96	98	92	91	73	84	96	69	81	46	34	2.51	-1.6	51	15.6	-8.2	-18	24.0	136	31	-33	-0.16	21.2	0.1	-3.0	21.4	-13	4.2	-0.70	-4.30	0.03	27	38	128
LAR 190322 89666143	 LAR 170263 LAR 080062		127	85	94	141	111	114	100	99	111	95	68	128	95	63	85	94	103	89	93	100	82	90	87	113	101	115	51	66	103	92	105	58	52	
			95	95	90	89	88	85	93	88	86	86	-20	-1.96	-0.9	-33	6.9	2.0	80	15.2	54	35	-6	-0.23	5.1	-16.8	-0.8	41.1	-42	-16.3	0.95	-1.23	0.35	17	4	4
LDW 090128 70546437	VV 050399 LDW 070066		91	100	103	100	108	100	96	96	98	96	98	90	96	99	100	103	103	96	106	96	115	80	115	107	110	94	107	106	105	105	94	85	77	
			93	94	84	83	64	78	91	55	73	52	21	1.99	-1.0	20	14.8	4.7	81	21.6	101	26	-61	-0.79	21.9	-12.9	-2.4	28.2	3	18.9	1.15	0.87	-0.54	2	14	66
LDW 100112 70614417	LAR 050023 LDW 050137		85	99	113	107	71	83	101	81	80	89	89	85	86	91	99	113	116	87	88	73	100	82	114	75	88	83	102	95	93	93	84	14	14	
			83	84	72	69	54	68	80	46	64	48	8	2.56	0.3	8	14.2	7.8	112	13.3	35	-29	-36	-0.70	21.3	5.0	1.5	21.3	-1	9.4	0.02	-1.07	-1.41	3	16	
MCU 170224 86337326	MCU 140164 MCU 130103		108	92	56	104	106	76	67	97	77	103	91	117	84	97	92	56	56	93	99	83	89	73	72	98	122	86	96	91	106	131	113	306	265	
			96	98	90	90	67	82	95	54	76	45	11	-0.75	0.5	17	10.7	-9.8	-34	18.4	77	-5	-18	-1.18	-4.0	-7.7	-4.5	23.5	-6	6.1	1.23	4.98	1.05	10	44	77
NPT 070222 65261075	 NPT 020216 NPT 980014		102	76	98	116	90	73	70	67	68	69	85	110	74	85	76	98	82	82	74	98	85	112	131	100	100	78	77	61	77	98	88	186	178	
			97	97	94	94	89	87	96	84	86	82	3	-0.11	1.9	0	2.1	3.0	30	8.8	-18	30	-11	0.97	31.1	-9.3	-0.6	18.6	-21	-21.3	-1.65	-0.23	-1.08	35	172	
NPT 090081 68476126	NPT 060011 NPT 040059		72	139	127	71	43	101	148	124	105	125	137	59	81	134	139	127	135	132	129	106	123	88	110	46	60	90	130	145	121	90	108	77	73	
			93	94	87	86	68	80	91	46	73	30	73	5.23	1.0	73	35.9	12.0	157	53.1	191	49	-74	-0.33	18.9	21.6	6.5	26.1	21	53.3	2.78	-1.51	0.63	18	80	
NPT 160055 83371963	JOY 120020 NPT 100128		90	106	108	89	96	98	102	117	102	111	107	96	90	110	106	108	106	110	114	103	102	102	88	100	91	103	102	110	96	105	114	44	38	
			90	90	79	79	59	74	86	40	67	19	33	1.43	-0.2	37	18.1	6.2	89	34.2	131	44	-40	0.42	5.8	-9.2	1.1	33.8	-1	22.2	0.29	0.90	1.15	11	25	

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID																																		Birth	Wean
Comp.nr																																		Grwth Test	Dght & clvs (Weaned)
SYF 150155 81674376		SYF 120090 ADV 080229	123 99	92 99	69 99	129 99	103 98	98 91	90 99	83 98	93 92	86 99	73 -13 99	125 -1.66 99	98 -1.3 99	77 -12 99	92 10.5 99	69 -5.7 99	75 12 99	90 15.9 99	84 18 99	87 5 98	58 33 98	88 -0.34 99	99 12.2 99	115 -17.7 98	95 0.4 98	100 31.7 99	50 -43 99	61 -21.1 99	96 0.26 99	88 -1.79 99	74 -2.27 99	1022 329	812 167 283
SYF 220011 93141042		SYF 150155 HAS 170068	117 87	90 87	84 63	124 61	103 49	99 67	92 79	80 56	93 65	89 66	78 -6 61	118 -0.95 94	97 -1.1 72	81 -6 61	90 9.8 87	84 -1.3 63	86 70	89 15.0 66	77 -10 65	92 16 34	55 38 42	115 1.18 77	88 5.6 74	106 -12.5 52	99 -0.3 32	106 35.7 63	59 -36 72	63 -19.1 66	109 1.54 64	72 -4.32 69	63 -3.16 64	63 30	
WCS 060011 63750319		BHE 020114 WCS 030033	115 95	84 95	106 89	124 88	110 72	106 82	95 93	94 62	103 78	94 49	77 -7 80	112 -0.28 97	105 -2.2 91	80 -7 88	84 6.5 95	106 5.5 89	101 77	86 12.3 94	94 57 75	89 8 39	90 -20 45	118 1.30 84	96 10.3 82	120 -20.5 73	113 -2.8 50	82 21.1 92	69 -27 81	79 -4.6 76	100 0.68 49	104 0.62 49	124 1.95 47	114 1 20	101 94
WDS 170129 86474715		AJF 140079 KVB 140121	79 79	119 79	92 62	102 64	93 49	102 63	113 74	87 41	98 59	92 34	96 18 29	79 3.18 84	88 0.1 70	97 18 64	119 25.2 79	92 1.1 62	112 103	104 28.5 71	91 45 60	49 -89 17	89 -18 16	89 -0.27	87 5.2 72	106 -12.6 49	104 -1.3 30	69 13.5 68	91 -10 70	96 10.5 61	99 0.57 33	85 -2.38 36	82 -1.62 34	12 2	8 4

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202301 D21 M SYFERFONTEIN BOERDERY		0500144MIX	SYF 150155 HAS 170068	99	90	81	63	59	119	88	93	77	55	92	80	109	72	63	89
		SYF 220011				9	-19	-36	1.21	5.6	0.55	-10	38	16		1.54	-4.32	-3.16	
		93141042		67	87	69	66	72	69	74	42	65	42	34	56	64	69	64	66
202306 B22 M FETTING LIVESTOCK TRUST		0677425BON	MCU 170224 JOY 210002	90	87	88	88	90	100	104	102	95	94	93	90	102	110	103	96
		JOY 230104				15	3	-11	1.15	14.9	0.38	62	-26	18		0.87	1.61	0.24	
				58	70	43	59	68	64	70	15	41	15	89	29	23	26	23	24
		JOY 230134	JOY 210021 JOY 160033	93	93	90	90	81	119	116	104	98	99	117	88	93	95	88	86
						17	5	-18	1.21	22.6	0.35	71	-35	76		-0.05	-0.78	-1.08	
		96264346		56	71	30	55	65	60	68	14	29	14	89	22	15	16	15	16
		JOY 230154	JOY 210021 JRP 140113	90	106	102	109	102	109	84	106	109	117	122	105	108	80	103	91
						28	22	-1	1.18	3.5	0.31	115	-65	89		1.53	-3.11	0.17	
202401 D11 M SWAERSHOEK BONSMARAS		0695403BON	LAR 190322 WDS 170012				58	67	62	69	26	36	26	89	32	28	29	28	28
		WDS 230022		94	107	108	112	102	114	87	80	114	102	99	109	108	115	108	111
						34	24	-2	1.19	5.0	0.78	131	-40	35		1.47	2.49	0.65	
				56	70	45	60	68	64	71	14	42	14	89	30	22	25	22	24
		JOY 230196	JOY 180011 JOY 160207	103	115	104	102	102	99	125	106	103	108	106	98	102	88	96	98
						29	15	-2	1.15	27.6	0.31	91	-50	50		0.89	-1.77	-0.40	
202401 D11 M SWAERSHOEK BONSMARAS		0695403BON	LAR 190322 WDS 170012				56	66	61	72	15	27	15	89	22	18	20	18	19
		WDS 230022		101	90	89	78	73	116	87	95	89	77	96	90	97	96	104	94
						16	-6	-25	1.20	5.2	0.52	38	1	26		0.36	-0.53	0.25	
		96373014		54	71	66	61	69	65	72	14	59	14	24	40	19	20	19	20

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 180011	87091187	1	JOY 130002	JOY 070020	88	105	136	80	72	96	112	91	93	99	121	99	82	120	105	136	122	109	90	97	93	105	115	81	64	113	91	88	101	87	100
					95	97	86	83	63	80	93	28	70	25	52	1.07	0.8	52	17.9	14.8	127	32.8	40	28	-24	0.6	21.9	1.5	5.8	39.7	-11	3	0.79	-2.06	-0.09
															68	98	88	83	97	86	89	96	36	81	18	74	71	74	37	79	69	61	24	26	24
AG 210198	92295963	2	AG 170106	AG 190893	104	101	88	115	106	104	101	92	101	99	88	104	95	86	101	88	98	94	97	83	83	103	96	98	108	108	79	83	104	107	103
					83	73	53	53	38	58	68	30	52	31	8	0.56	-0.9	1	15.5	0.0	69	19.6	69	-5	-8	0.5	10.6	-8.2	-2.0	36.6	-20	-2	1.07	1.11	0.21
															52	91	66	53	73	53	60	52	40	24	18	44	45	37	22	56	44	41	30	32	30
JOY 220059	93754877	2	GCD 140143	JOY 160028	79	127	129	80	121	137	136	104	133	112	121	78	97	121	127	129	134	120	113	111	121	105	111	109	117	114	123	127	112	97	98
					72	73	63	60	46	59	69	30	53	24	51	3.32	-1.2	53	29.5	12.4	156	42.5	130	61	-71	0.6	19.2	-14.5	-3.6	40.1	15	37	1.85	-0.40	-0.25
															47	75	65	60	73	63	65	62	38	37	19	48	46	51	29	58	45	41	23	26	23
JOY 220100	94532967	2	GCD 140143	JRP 100079	87	106	99	85	104	95	96	94	93	94	114	89	96	116	106	99	97	107	99	112	111	106	88	102	110	95	108	104	95	92	97
					72	63	62	59	45	56	64	30	51	24	43	2.15	-1.1	46	18.2	3.5	65	31.4	76	65	-54	0.6	5.6	-10.3	-2.3	28.7	4	17	0.15	-1.27	-0.32
															51	75	65	59	63	62	61	61	38	35	20	46	45	49	29	56	44	40	22	25	22
JOY 220102	94532983	2	GCD 140143	BP 130056	98	117	136	85	112	137	134	105	133	115	113	98	107	114	117	136	137	111	110	78	108	113	98	102	112	107	112	119	109	102	106
					73	73	64	61	47	60	70	33	55	26	41	1.23	-2.5	42	24.2	14.9	162	34.5	116	-19	-50	1.1	11.6	-10.1	-2.7	35.8	6	30	1.62	0.35	0.41
															50	76	66	61	73	64	66	74	42	35	21	51	49	50	30	60	48	44	25	27	25
JOY 220105	94533007	14	JOY 180011	JOY 190043	116	114	125	88	83	123	130			106	113	117	112	111	114	125	127	106	96	74	93	106	122	83	77	115	94	98	110	86	97
					70	71	58	56	42	56	67			16	41	-0.78	-3.2	38	22.3	11.4	138	30.2	63	-26	-25	0.6	26.1	0.8	3.5	41.1	-8	12	1.66	-2.12	-0.33
															46	74	62	56	71	58	62	72	24	48	11	45	43	47	26	53	42	37	15	17	15
JOY 220111	94533049	3	JOY 180011	JOY 180050	82	108	127	84	87	101	110			101	118	89	85	116	108	127	121	108	99	109	102	110	112	93	79	111	102	99	98	93	99
					70	71	59	56	42	57	67			14	47	2.09	0.4	46	19.5	12.1	123	32.4	75	58	-41	0.9	19.8	-5.2	3.2	38.4	-1	13	0.52	-1.07	-0.17
															46	74	62	56	71	59	62	72	22	43	11	41	39	46	26	54	38	34	14	15	14
JOY 220115	94533080	1	JOY 180011	JOY 190045	95	104	116	88	76	91	104	97	91	101	109	98	95	112	104	116	110	102	96	106	97	100	109	80	72	111	94	93	104	82	102
					70	71	59	56	42	57	67	25	51	20	36	1.17	-1.0	39	17.1	8.5	98	26.7	63	49	-32	0.3	18.1	2.3	4.4	38.6	-8	7	1.04	-2.76	0.14
															48	74	62	56	71	59	62	72	31	47	18	48	46	47	26	54	45	41	20	21	20
JOY 220118	94533106	1	GCS 160035	JOY 100003	106	92	74	95	92	73	74			87	99	106	107	106	92	74	68	94	89	103	94	85	95	78	106	99	99	90	95	94	98
					71	72	58	54	39	56	67			10	23	0.34	-2.5	31	10.5	-4.2	-4	19.7	39	44	-27	-0.5	9.8	3.7	-1.6	31.5	-4	5	0.22	-0.97	-0.19
															35	75	61	54	72	58	61	72	26	17	10	31	30	40	23	54	29	26	10	10	10
JOY 220121	94533130	13	JOY 180011	JOY 190049	83	114	130	83	86	107	119			104	116	89	86	117	114	130	127	110	97	98	98	100	115	89	79	110	100	102	107	84	99
					70	71	58	56	41	56	67			15	46	2.12	0.2	47	22.3	12.9	138	33.7	68	30	-33	0.3	21.8	-3.0	3.1	37.9	-3	15	1.36	-2.46	-0.14
															46	74	62	56	71	58	62	72	22	44	11	41	40	46	25	53	39	35	14	16	15
JOY 220129	94533213	2	GCS 160035	JRP 140038	107	97	81	96	93	84	85	93	83	96	98	105	109	104	97	81	79	96	96	84	98	96	96	89	97	106	102	96	102	97	96
					70	71	57	54	40	56	66	26	50	24	21	0.49	-2.8	28	13.3	-2.1	23	21.2	64	-3	-33	0.1	10.7	-2.7	0.0	35.3	-1	10	0.92	-0.49	-0.36
															39	74	61	54	71	57	61	72	33	28	17	38	38	41	26	53	37	33	23	24	23
JOY 220130	94533221	1	GCD 140143	BP 090054	87	123	101	78	111	117	120	97	113	104	123	87	105	126	123	101	107	118	102	115	115	95	94	105	111	105	111	114	104	94	102
					73	73	64	61	49	60	70	34	55	28	54	2.34	-2.3	61	27.3	3.9	91	41.4	85	73	-61	0.1	9.4	-11.9	-2.5	34.9	6	26	1.04	-0.94	0.15
															54	76	66	61	73	64	66	74	42	37	23	50	49	53	33	60	48	44	26	29	26

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ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	% Inbreeding	Parentage	EBV Acc																															
JOY 220136 94533288	14	JOY 180011 JOY 190015		77 69	112 71	126 58	80 56	76 42	93 56	112 66	105 24	95 50	108 20	120 50 43	85 2.52 73	82 0.8 61	121 53 56	112 21.4 71	126 11.6 58	120 121 62	109 33.2 72	105 97 31	81 -10 43	97 -32 17	106 0.7 46	118 23.6 45	80 2.5 47	75 3.8 25	107 36.3 54	100 -3 44	100 14 40	103 0.98 19	85 -2.31 20	100 -0.03 19
JOY 220137 94533296		GCS 160035 JOY 100162		106 71	87 72	74 58	103 54	105 39	78 56	71 67			82 10	90 10 32	105 0.48 75	104 -2.1 61	96 17 54	87 7.9 72	74 -4.2 58	67 -7 61	86 12.9 72	84 20 25	98 30 16	91 -22 9	91 -0.2 29	100 12.9 29	101 -9.6 41	108 -2.0 23	102 32.8 54	94 -8 28	82 -3 25	93 -0.04 10	92 -1.23 11	95 -0.49 10
JOY 220138 94533304	1	GCS 160035 JOY 110001		113 71	83 72	75 58	109 54	104 40	80 56	71 67			84 10	85 4 34	114 -0.50 75	102 -1.8 61	91 8 54	83 6.1 72	75 -3.9 58	66 -8 61	83 10.1 72	85 22 26	78 -17 15	88 -18 10	93 -0.1 31	102 13.8 30	99 -8.5 41	109 -2.1 24	101 32.3 54	93 -9 29	81 -3 26	94 0.11 10	93 -1.08 11	96 -0.37 10
JOY 220139 94533312	1	GCS 160035 JOY 150092		89 70	107 71	92 57	92 54	100 40	94 56	97 66			96 10	101 25 34	89 2.14 74	99 -1.4 61	108 33 54	107 18.8 71	92 1.4 57	96 64 61	100 25.2 72	94 58 26	74 -27 16	95 -28 10	96 0.1 30	111 19.2 30	95 -6.0 41	103 -1.1 24	104 34.0 54	107 2 29	100 14 26	105 1.20 10	92 -1.24 11	97 -0.34 10
JOY 220142 94533346	1	JOY 180011 JOY 180120		85 70	109 71	125 58	83 56	74 41	93 56	110 67			107 14	120 50 39	91 1.88 74	89 0.0 62	118 48 56	109 19.5 71	125 11.4 58	118 117 62	107 31.6 72	103 90 23	86 1 48	102 -40 11	102 0.4 44	112 20.1 42	80 2.3 46	69 5.0 24	113 39.6 54	101 -2 41	103 17 36	106 1.28 14	90 -1.55 15	99 -0.15 14
JOY 220151 94533429	1	GCS 160035 JOY 130173		99 70	106 71	66 57	86 53	87 38	76 55	85 66			94 10	110 36 34	94 1.58 74	114 -3.5 60	117 47 53	106 18.3 71	66 -6.8 57	71 2 60	101 25.8 72	92 49 25	95 24 14	95 -28 10	82 -0.7 30	94 9.2 29	70 7.9 39	104 -1.3 22	99 31.4 53	105 1 28	97 11 25	102 0.86 10	93 -1.07 10	98 -0.21 10
JOY 220152 94533437	1	GCS 160035 JOY 110067		86 71	101 72	79 58	91 55	99 40	79 56	80 67	95 20	79 49	95 14	103 27 37	90 1.99 75	90 -0.2 62	110 37 55	101 15.7 72	79 -2.7 58	79 23 62	97 22.0 72	97 67 27	93 20 20	100 -37 11	98 0.2 31	97 10.9 31	100 -9.4 42	99 -0.4 25	103 33.5 54	105 1 30	98 12 27	98 0.50 13	94 -0.94 14	96 -0.37 13
JOY 220154 94533452	3	GCD 140143 JOY 170108		86 71	125 72	125 62	78 60	107 46	127 59	133 68	108 28	125 53	112 22	126 59 51	88 2.24 74	99 -1.5 65	124 58 60	125 28.1 72	125 11.3 62	127 139 65	120 42.9 73	112 123 36	117 78 42	118 -65 18	109 0.8 47	100 12.8 46	96 -6.5 51	105 -1.4 30	114 40.5 58	117 10 45	121 32 40	109 1.53 21	94 -0.92 24	96 -0.42 21
JOY 220156 94533478	2	GCS 160035 JOY 110126		80 71	122 72	69 58	71 54	86 40	79 56	100 67	104 20	81 49	105 14	130 64 35	81 2.97 75	103 -2.0 61	138 79 54	122 26.8 72	69 -5.9 58	79 22 61	120 42.9 72	105 100 26	113 67 27	111 -54 12	107 0.7 33	111 19.6 32	82 1.0 42	90 1.1 25	103 33.8 54	116 10 31	110 23 28	108 1.47 13	93 -1.00 14	101 -0.01 13
JOY 220157 94533486	1	GCD 140143 JOY 160057		94 72	110 73	113 63	91 60	118 46	120 59	112 69	99 30	117 53	101 24	108 34 51	94 1.60 75	99 -1.5 65	108 34 60	110 20.4 73	113 7.7 63	115 111 65	106 30.1 73	107 107 37	116 75 41	118 -66 19	93 -0.1 49	101 13.1 47	108 -13.4 50	118 -3.8 29	106 35.2 58	115 9 46	113 25 42	100 0.69 23	100 0.02 26	98 -0.26 23
JOY 220158 94533494	1	GCS 160035 JOY 130180		87 70	106 71	77 57	91 53	96 38	81 55	86 66			94 10	103 27 34	87 2.33 74	97 -1.2 60	110 36 53	106 18.0 71	77 -3.3 57	82 29 60	100 25.0 72	93 52 25	91 14 14	96 -30 10	88 -0.4 29	95 9.6 28	87 -1.7 39	104 -1.3 22	101 32.7 53	107 3 27	98 12 25	100 0.69 10	94 -0.88 10	99 -0.16 10
JOY 220164 94535556	1	MCU 170224 JOY 180015		111 71	91 71	79 60	100 59	104 43	85 57	77 67	98 28	86 51	101 24	97 20 49	119 -0.97 74	92 -0.5 64	99 21 59	91 9.9 71	79 -2.9 60	73 8 63	96 21.5 72	102 88 41	114 70 50	102 -39 14	83 -0.6 52	96 10.5 50	92 -4.4 48	112 -2.7 26	102 33.3 55	102 -2 49	100 14 46	103 1.01 22	109 1.50 26	107 0.57 23

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 220166	94533759	1	GCD 140143 JOY 110038		75 73	126 73	142 64	77 59	104 46	130 60	139 70	103 29	127 54	109 24	124 55	68 4.32	86 0.3	124 58	126 29.0	142 16.4	141 172	118 41.2	108 111	95 25	113 -58	106 0.7	96 10.5	95 -6.2	108 -2.0	103 33.8	124 16	125 36	108 1.49	90 -1.54	95 -0.46
JOY 220186	94533676	2	GCD 140143 JOY 110065		88 73	129 73	115 64	82 61	118 47	135 60	135 70	107 28	132 54	111 21	120 51	89 2.12	101 -1.7	120 51	129 30.3	115 8.2	126 136	122 44.3	113 129	146 147	122 -73	106 0.6	108 17.8	100 -9.3	120 -4.2	109 37.1	125 17	126 37	107 1.36	96 -0.64	101 0.02
JOY 220190	94533718	1	LAR 120230 JRP 150030		81 72	117 73	90 63	78 60	94 48	91 60	104 69	110 42	93 56	104 34	122 53	69 4.25	101 -1.7	127 62	117 23.8	90 0.6	94 58	113 36.6	111 122	108 56	109 -51	88 -0.4	102 13.9	87 -1.4	106 -1.7	95 28.6	105 1	109 21	109 1.55	75 -3.87	107 0.55
JOY 220192	94533734	1	LAR 120230 JOY 170002		85 72	114 73	96 62	82 59	103 45	99 59	105 69	116 37	102 55	105 24	117 47	83 2.73	104 -2.1	121 53	114 22.3	96 2.5	98 69	109 33.4	118 147	116 75	112 -56	88 -0.3	117 23.0	86 -1.1	117 -3.6	102 33.3	107 3	109 22	97 0.34	78 -3.34	97 -0.32
JOY 220196	94533825	2	LAR 120230 JOY 180033		80 71	116 72	71 62	92 59	92 46	84 59	95 68	112 36	88 54	107 24	106 32	78 3.27	96 -1.1	109 36	116 23.4	71 -5.1	86 39	107 31.1	112 125	104 45	104 -44	104 0.6	112 20.0	86 -0.9	103 -1.2	98 30.7	101 -2	100 14	96 0.24	85 -2.38	99 -0.11
JOY 220201	94533866	1	GCS 160035 JOY 130103		93 70	97 71	81 57	96 53	100 38	80 55	80 66	88 20	79 48	87 16	97 19	92 1.84	101 -1.7	104 28	97 13.1	81 -2.0	79 23	93 19.0	89 39	110 59	97 -31	90 -0.2	93 8.7	99 -8.4	103 -1.1	98 30.8	97 -5	91 6	98 0.49	94 -0.92	96 -0.40
JOY 220208	94533932	1	LAR 120230 JOY 150037		75 72	121 73	92 63	78 60	82 45	88 59	108 69	112 37	91 55	111 24	120 51	66 4.56	86 0.3	126 60	121 26.4	92 1.3	100 72	112 35.5	115 137	80 -13	103 -42	92 -0.1	111 19.3	75 5.0	97 0.0	97 29.9	109 4	112 25	101 0.80	82 -2.79	103 0.22
JOY 220209	94533940	1	LAR 120230 JOY 160207		90 72	103 73	82 62	87 59	100 45	83 59	84 69	106 38	85 55	95 28	110 36	91 1.93	100 -1.6	115 44	103 16.4	82 -1.9	81 26	100 24.8	108 111	107 52	105 -44	96 0.1	113 20.4	93 -5.0	110 -2.4	98 30.4	95 -7	95 9	90 -0.27	81 -2.87	96 -0.37
JOY 220215	94533999	1	NPT 160055 JOY 130061		90 70	103 71	102 58	95 55	94 39	93 56	97 66	103 24	94 50	103 14	103 27	95 1.48	87 0.2	104 28	103 16.8	102 4.4	103 80	106 30.5	103 91	121 88	103 -42	99 0.3	104 15.3	92 -4.7	91 1.1	107 36.2	103 -1	105 18	100 0.67	97 -0.44	106 0.48
JOY 220225	94534096	2	NPT 160055 JRP 150027		85 70	124 71	105 58	82 55	93 40	110 56	122 66	121 30	112 51	116 23	117 46	85 2.52	100 -1.6	120 51	124 27.7	105 5.2	114 107	122 44.6	117 145	104 45	112 -57	106 0.6	96 10.2	101 -9.7	84 2.3	109 37.3	106 2	118 30	117 2.41	94 -0.88	103 0.19
JOY 220227	94533817	1	GCD 140143 JOY 160079		80 72	121 73	111 63	87 60	117 46	122 59	120 69	99 30	118 53	103 24	111 38	79 3.12	97 -1.1	113 41	121 26.1	111 7.2	121 123	111 34.6	106 102	109 58	116 -63	98 0.2	101 13.5	104 -11.4	116 -3.4	110 37.6	114 8	113 25	103 1.01	97 -0.37	98 -0.24
SYF 220011	93141042	4	SYF 150155 HAS 170068		117 87	90 87	84 63	124 61	103 49	99 67	92 79	80 56	93 65	89 66	78 -6	118 -0.95	97 -1.1	81 -6	90 9.8	84 -1.3	86 39	89 15.0	77 -10	92 16	55 38	115 1.2	88 5.6	106 -12.5	99 -0.3	106 35.7	59 -36	63 -19	109 1.54	72 -4.32	63 -3.16

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 230020	13		JOY 180011	103	103	124	90	89	107	111			98	110	109	94	109	103	124	118	98	89	59	87	98	111	86	84	115	94	90	99	86	100
95298386			JOY 190127	70	71	58	56	42	56	67			14	37	0.00	-0.8	35	16.7	11.1	117	23.7	36	-63	-16	0.2	19.3	-1.3	2.3	41.0	-8	5	0.61	-2.13	-0.07
														41	74	62	56	71	58	62	72	23	43	10	42	40	47	25	54	39	35	14	15	14
JOY 230068	8		JOY 180011	78	125	132	71	94	118	133	104	116	112	135	86	90	134	125	132	127	126	106	125	111	106	117	91	87	118	110	114	113	87	98
95298642			JOY 200015	85	85	59	56	42	64	77	20	55	17	71	2.46	-0.2	72	28.3	13.5	139	48.5	100	96	-54	0.6	22.9	-3.8	1.8	42.6	5	26	1.98	-1.94	-0.23
														42	93	68	56	85	59	67	72	25	44	12	44	42	46	25	56	41	37	16	18	16
JOY 230104	1		MCU 170224	115	87	84	104	108	90	78	90	88	96	91	122	92	95	87	84	76	91	95	93	94	89	104	105	107	104	90	88	102	110	103
96265467			JOY 210002	81	70	58	58	41	58	68	29	52	24	48	-1.36	-0.5	15	7.9	-1.3	14	17.1	62	18	-26	-0.3	14.9	-11.8	-1.9	34.5	-11	3	0.87	1.61	0.24
														48	88	67	58	70	58	62	72	41	89	15	75	70	47	24	52	68	59	23	26	23
JOY 230134	1		JOY 210021	107	93	102	106	91	93	95	88	90	86	94	107	99	92	93	102	100	95	98	117	99	128	116	91	91	106	81	90	93	95	88
96264346			JOY 160033	80	71	53	48	39	56	66	22	49	16	15	0.23	-1.5	11	11.5	4.4	73	20.1	71	76	-35	1.9	22.6	-3.7	1.1	35.7	-18	5	-0.05	-0.78	-1.08
														34	87	62	48	71	53	57	72	29	89	14	73	68	41	24	51	65	55	15	16	15
JOY 230154	2		JOY 210021	89	106	92	101	89	90	99	105	91	91	101	88	95	98	106	92	100	107	109	122	117	94	84	97	85	104	102	109	108	80	103
96264478			JRP 140113	69	72	54	49	41	55	65	32	50	28	24	2.26	-0.9	19	18.4	1.2	73	31.4	115	89	-65	0.0	3.5	-7.3	2.0	34.0	-1	22	1.53	-3.11	0.17
														39	74	58	49	72	54	58	72	36	89	26	74	69	42	30	52	67	58	28	29	28
JOY 230188	1		MCU 170224	84	107	94	92	103	94	95	109	96	111	104	91	83	108	107	94	97	107	114	99	102	97	87	91	110	104	102	112	108	115	108
96265533			JOY 210010	69	70	58	58	41	56	66	30	51	24	29	1.93	0.8	34	18.9	1.8	67	31.5	131	35	-40	0.2	5.0	-4.2	-2.2	34.1	-2	24	1.47	2.49	0.65
														48	73	62	58	70	58	62	72	42	89	14	75	71	47	24	52	68	60	22	25	22
JOY 230196	2		JOY 180011	83	115	117	80	89	103	114	98	101	98	122	89	91	122	115	117	115	111	103	106	108	109	125	90	85	111	102	102	102	88	96
96264726			JOY 160207	71	72	60	56	41	57	68	22	50	19	54	2.17	-0.4	54	22.9	9.0	109	34.4	91	50	-50	0.8	27.6	-3.2	2.0	38.4	-2	15	0.89	-1.77	-0.40
														45	75	62	56	72	60	63	73	27	89	15	74	69	45	24	54	66	56	18	20	18
KTB 230262	1		KTB 150182	98	118	99	80	109	115	116	105	113	112	118	96	112	124	118	99	102	110	109	82	105	88	111	100	111	105	114	118	106	93	108
96792841			KTB 120090	69	69	56	52	40	55	64	26	49	16	48	1.39	-3.2	57	24.5	3.3	79	34.0	115	-7	-45	-0.3	19.3	-9.3	-2.6	34.9	8	29	1.32	-1.01	0.62
														53	73	59	52	69	56	59	70	38	10	12	36	44	40	25	54	43	39	15	16	15
WDS 230022	1		LAR 190322	112	90	94	119	107	101	93	90	98	94	84	109	107	84	90	94	93	90	89	96	77	75	87	110	105	102	73	78	97	96	104
96373014			WDS 170012	69	71	54	48	35	54	65	40	51	20	2	0.03	-2.6	-2	9.4	1.8	56	15.7	38	26	1	-1.0	5.2	-14.9	-1.5	32.8	-25	-6	0.36	-0.53	0.25
														32	74	57	48	71	54	58	60	59	24	14	76	72	37	21	46	69	61	19	20	19
JOY 240036	9		JOY 210021	118	95	97	102	93	98	97	97	97	95	99	119	106	96	95	97	95	97	102	113	103	111	106	98	85	111	88	94	102	91	89
96983382			JOY 200158	68	69	50	48	39	53	63	20	46	16	22	-1.05	-2.4	16	12.3	2.7	60	22.6	87	67	-41	1.0	16.2	-7.7	2.1	38.2	-12	8	0.85	-1.40	-1.02
														34	73	57	48	69	50	56	70	27	43	13	41	40	42	25	49	39	35	16	17	16
JOY 240037	1		JOY 210021	108	99	90	101	95	95	96	95	94	94	99	105	110	98	99	90	92	94	100	110	102	108	106	97	94	103	90	94	100	89	90
96983390			JOY 190112	68	69	51	48	38	53	63	20	46	16	23	0.43	-2.9	19	14.6	0.8	55	20.0	79	60	-41	0.8	16.2	-7.5	0.6	33.5	-11	9	0.66	-1.70	-0.89
														33	73	57	48	69	51	56	64	26	42	13	40	39	41	24	48	38	34	15	16	16
JOY 240096	1		JOY 180011	93	111	119	85	85	103	114			100	117	94	102	116	111	119	116	110	98	111	105	94	113	83	83	111	100	100	103	85	98
96983903			JOY 170054	71	72	59	55	40	57	67			14	46	1.62	-1.9	45	20.6	9.4	112	33.9	73	62	-45	0.0	20.6	0.5	2.5	38.7	-4	13	0.99	-2.36	-0.27
														38	75	62	55	72	59	62	72	25	41	12	42	41	44	24	53	39	35	14	15	14

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 240153	98788995	1	CEF 130317 JRP 140038				101 74	123 73	86 65	91 63	107 53	118 62	120 70	130 52	122 60	131 54	108 34 56	99 1.10 76	123 -4.7 68	109 36 63	123 27.3 73	86 -0.6 65	104 84 67	122 44.8 74	131 198 56	117 78 54	123 -75 46	108 0.8 59	122 26.0 58	97 -7.1 56	105 -1.4 40	114 40.2 62	107 2 58	121 32 56	118 2.48 53	122 3.46 54	125 2.05 53
JOY 240160	98160518	15	JOY 200204 JOY 180139				80 68	150 70	137 53	60 49	114 38	154 54	152 64	116 23	151 48	119 19	151 91 42	56 5.59 73	101 -1.7 58	151 97 49	150 41.8 70	137 14.9 53	140 169 57	142 62.2 71	123 168 28	114 69 46	129 -84 16	92 -0.1 47	108 17.7 45	89 -3.0 43	116 -3.3 23	119 43.3 49	134 24 44	142 51 40	123 2.99 18	88 -1.83 20	101 0.01 18
JOY 240163	98160534	1	CEF 130317 JOY 190034				103 71	131 72	75 63	80 62	106 52	119 60	125 69	125 48	121 58	134 50	122 53 58	100 0.94 74	116 -3.8 66	125 59 62	131 31.8 72	75 -3.9 63	96 63 66	125 47.5 74	126 178 52	65 -48 54	112 -57 44	107 0.7 56	124 26.9 55	97 -7.5 55	100 -0.6 40	115 41.0 60	96 -6 55	114 26 53	124 3.09 50	112 1.94 50	124 1.96 50
JOY 240171	98160559	1	GFM 210178 JOY 200037				94 65	118 68	107 48	83 45	85 33	106 50	120 61	110 26	107 45	121 20	116 45 41	92 1.86 71	109 -2.8 53	119 50 45	118 24.8 68	107 5.9 48	112 102 54	111 34.6 68	113 128 33	82 -7 16	111 -55 15	103 0.5 42	119 24.0 40	91 -4.1 33	82 2.6 20	104 34.1 46	115 9 38	120 32 34	119 2.61 19	94 -0.96 20	100 -0.09 19
JOY 240174	98160583	1	CEF 130317 JOY 150092				110 73	119 73	96 65	89 63	114 52	127 61	121 70	121 48	128 58	126 50	109 35 53	107 0.29 76	116 -3.7 67	111 39 63	119 24.9 73	96 2.6 65	108 92 67	118 40.9 74	125 172 52	80 -13 48	115 -61 44	106 0.7 54	132 31.6 54	104 -11.6 56	111 -2.5 39	112 38.9 62	105 1 53	117 29 52	117 2.34 49	117 2.73 50	125 2.04 49
JOY 240177	98160617	1	CEF 130317 JOY 190045				104 71	121 72	76 63	85 62	99 52	106 60	112 69	132 51	112 58	129 52	112 40 59	99 1.09 74	120 -4.2 66	118 48 62	121 26.3 72	76 -3.6 63	91 52 66	121 43.7 74	129 190 55	130 108 53	122 -72 46	102 0.4 58	121 25.5 57	90 -3.4 56	98 -0.2 39	111 38.6 61	99 -4 57	115 27 56	120 2.69 51	108 1.33 52	129 2.44 51
JOY 240178	98160625	1	CEF 130317 JOY 160133				126 73	112 73	86 65	92 63	116 52	125 61	114 70	119 48	126 58	124 50	107 33 59	122 -1.36 75	124 -4.8 67	109 35 63	112 21.6 73	86 -0.6 65	95 62 67	111 34.9 74	120 153 51	88 6 54	113 -58 44	101 0.4 55	123 26.5 55	103 -10.7 56	109 -2.2 39	119 43.1 61	96 -7 54	108 20 53	115 2.19 50	111 1.84 50	126 2.10 50
JOY 240179	98160633	1	CEF 130317 JOY 170111				119 72	108 72	78 64	106 62	96 52	106 60	108 69	120 50	109 58	120 51	92 13 59	113 -0.42 74	119 -4.1 66	93 12 62	108 19.4 72	78 -3.1 64	92 54 66	112 36.0 73	123 165 54	82 -8 50	113 -58 45	105 0.6 56	113 20.8 56	96 -6.8 55	92 0.8 40	107 35.9 61	87 -14 55	105 18 55	117 2.38 51	116 2.51 51	121 1.71 51
JOY 240180	98160641	1	CEF 130317 JOY 190017				103 71	117 71	61 63	96 62	118 52	106 60	101 68	127 50	111 58	122 50	102 26 59	98 1.15 74	116 -3.8 66	106 31 62	117 23.8 71	61 -8.4 63	79 23 65	118 41.2 72	127 182 54	122 89 48	118 -67 45	101 0.4 55	121 25.5 55	105 -11.8 55	122 -4.5 39	104 34.3 61	93 -9 55	105 18 54	107 1.41 50	110 1.71 51	125 2.06 50
JOY 240187	98160716	1	CEF 130317 JOY 190043				133 71	115 72	89 63	95 62	107 51	129 60	122 69	121 48	130 58	127 50	104 29 58	130 -2.21 74	137 -6.6 66	105 29 62	115 22.8 72	89 0.4 63	102 77 66	114 37.6 74	124 169 52	90 11 54	114 -59 44	105 0.6 56	130 30.7 55	96 -6.8 55	103 -1.1 39	115 41.1 60	93 -9 55	111 23 53	120 2.66 50	112 1.99 50	123 1.91 50
JOY 240188	98160724	3	JOY 200204 JRP 150027				81 70	140 72	120 55	74 49	105 39	137 55	151 66	119 26	137 49	117 24	130 64 64	70 4.12 75	103 -2.0 59	131 68 49	140 36.4 72	120 10.0 55	132 152 59	133 54.5 72	122 163 42	103 42 44	125 -78 18	98 0.2 48	108 17.5 47	97 -7.6 42	100 -0.6 24	118 42.4 50	120 13 46	131 41 42	125 3.16 23	86 -2.10 24	93 -0.61 23
JOY 240198	98160757	2	GFM 210178 JOY 210019				102 65	114 67	110 47	93 46	85 35	111 50	122 60	103 28	110 46	116 20	105 30 42	99 1.10 71	111 -3.0 53	105 30 46	114 22.6 67	110 6.9 47	119 119 53	107 31.0 68	106 100 36	76 -22 28	98 -33 16	106 0.7 47	116 22.4 45	89 -2.8 35	84 2.3 23	101 32.6 47	99 -4 43	106 19 39	111 1.77 20	94 -0.83 21	97 -0.34 20

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
JOY 240202 98160781	4	JOY 200204 JRP 140113		81 70	129 72	107 56	82 49	108 41	122 56	129 66	105 30	120 51	102 28	122 53	79 3.14	101 -1.8	121 52	129 30.5	107 5.9	120 121	121 43.9	111 123	94 22	122 -73	80 -0.8	96 10.6	95 -6.4	109 -2.1	112 38.8	118 11	121 33	114 2.10	78 -3.39	108 0.63
JOY 240203 98160799	1	CEF 130317 JOY 170145		94 72	120 71	86 62	95 62	119 52	118 60	114 68	130 48	122 58	127 50	104 28	91 1.95	104 -2.1	105 29	120 25.4	86 -0.4	104 83	123 45.3	132 200	132 113	127 -81	104 0.5	117 22.8	108 -13.4	115 -3.1	112 39.1	104 0	120 32	116 2.28	116 2.56	125 2.09
JOY 240205 98160815	1	CEF 130317 JOY 190019		86 71	135 72	93 63	82 62	112 51	126 60	132 69	133 49	130 58	134 50	120 50	84 2.68	106 -2.4	121 52	135 33.7	93 1.4	114 106	134 55.3	135 212	112 65	126 -79	108 0.7	120 24.5	100 -9.1	109 -2.2	112 39.3	108 3	127 38	123 3.02	115 2.49	123 1.89
JOY 240214 98160906	14	JOY 200204 JOY 190115		78 68	121 70	127 53	86 48	111 37	126 53	127 64	104 20	123 46	103 16	115 43	81 2.95	90 -0.2	113 42	121 26.2	127 12.1	133 154	120 43.2	111 122	121 86	120 -69	95 0.0	106 16.5	85 -0.7	120 -4.0	114 40.0	115 9	118 29	104 1.13	90 -1.48	95 -0.48
JOY 240226 98161177	1	MCU 170224 JOY 220145		85 69	125 70	98 57	80 57	97 41	109 56	119 66	108 29	109 51	118 24	121 52	91 1.95	93 -0.7	124 57	125 28.2	98 3.1	108 92	116 39.0	112 123	105 49	106 -46	91 -0.2	100 12.7	88 -2.1	102 -0.8	107 36.0	115 9	118 30	117 2.37	111 1.75	108 0.59
JOY 240232 98159932	1	CEF 130317 JOY 160014		116 73	103 73	82 65	101 62	106 52	105 61	99 70	113 48	107 58	115 50	95 17	116 -0.71	107 -2.5	98 20	103 16.8	82 -1.7	89 46	106 30.4	116 141	85 -1	112 -56	107 0.7	125 27.6	102 -10.1	106 -1.6	104 34.4	93 -9	101 15	107 1.38	118 2.84	123 1.93
JOY 240236 98159965	1	CEF 130317 JOY 180017		118 72	103 72	73 63	105 62	118 52	109 60	98 69	120 50	112 58	114 52	93 14	114 -0.50	116 -3.8	94 14	103 16.7	73 -4.5	83 31	107 31.5	121 160	116 74	116 -63	103 0.5	112 19.7	107 -13.1	117 -3.5	110 37.6	88 -13	104 17	104 1.11	110 1.68	120 1.63
JOY 240241 98160005	1	GFM 210178 JOY 180185		75 66	153 68	132 48	60 46	85 34	138 51	152 61	131 26	140 46	140 19	148 89	55 5.69	92 -0.5	151 97	153 43.1	132 13.4	138 166	144 64.0	130 193	92 17	119 -68	112 1.0	124 27.3	80 2.5	87 1.8	107 35.9	136 26	148 56	125 3.20	96 -0.63	103 0.18
JOY 240245 98160039	2	GCD 140143 JOY 170117		79 71	127 72	130 62	80 60	116 46	135 59	137 68	103 28	131 53	112 22	124 55	80 3.06	97 -1.2	122 54	127 29.6	130 12.9	135 158	124 46.1	109 114	101 39	114 -59	103 0.5	107 17.0	101 -9.8	113 -2.9	117 41.9	114 8	120 31	114 2.04	88 -1.77	95 -0.45
JOY 240248 98160047	1	JOY 180011 JOY 180149		81 70	132 71	130 58	74 56	85 42	123 56	143 67	105 20	121 49	116 18	130 64	85 2.51	96 -1.0	129 65	132 31.9	130 13.0	134 156	124 46.2	110 117	89 10	108 -50	108 0.8	114 21.2	77 3.8	83 2.4	116 41.8	111 5	117 28	115 2.21	93 -1.11	95 -0.44
JOY 240256 98160120	1	GCD 140143 JOY 180040		81 71	140 72	122 62	76 61	113 46	144 59	152 69	106 30	139 53	115 24	129 63	76 3.47	105 -2.2	127 62	140 36.6	122 10.6	136 161	128 50.0	112 124	127 100	121 -71	100 0.3	107 16.8	100 -9.0	109 -2.2	113 40.0	120 13	128 38	121 2.74	84 -2.49	101 -0.01
JOY 240265 98160187	2	JOY 200204 JRP 130097		81 70	127 72	115 55	80 47	98 37	118 54	130 65	98 22	114 48	100 20	123 54	69 4.21	98 -1.3	122 47	127 29.3	115 8.2	123 129	115 38.7	104 96	103 42	115 -61	88 -0.3	104 15.3	86 -1.3	105 -1.4	105 34.9	113 7	114 26	109 1.61	84 -2.52	94 -0.54

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Animal				Selection Value									Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 240266	98160195	1	GCD 140143		75	138	132	71	98	133	150	114	131	118	133	65	89	134	138	132	138	131	120	134	125	101	106	83	102	113	133	140	114	95	101
			JOY 150157		72	73	63	61	46	59	69	28	53	22	68	4.59	-0.1	72	35.2	13.6	164	52.8	155	117	-78	0.4	16.3	0.7	-1.0	39.4	23	49	2.12	-0.81	0.02
															46	75	65	61	73	63	66	73	38	35	17	47	45	52	29	58	44	40	21	23	21
JOY 240267	98160203	1	GCD 140143		91	109	132	86	121	127	117	97	122	100	112	96	93	113	109	132	127	110	103	130	114	106	112	110	117	111	110	109	99	94	96
			JOY 160016		72	73	63	61	47	60	70	29	54	22	40	1.39	-0.6	42	19.7	13.6	138	34.4	90	109	-59	0.7	19.8	-14.6	-3.6	38.3	5	21	0.56	-0.82	-0.38
															52	75	66	61	73	63	66	74	38	36	17	48	46	52	30	59	45	41	21	23	21
JOY 240282	98160302	2	GCD 140143		75	126	123	83	105	123	130	109	121	112	120	69	83	118	126	123	131	120	113	123	119	110	100	96	107	108	121	124	109	95	95
			JOY 150118		72	73	62	60	46	59	69	28	53	22	50	4.21	0.7	49	28.9	10.7	147	43.2	128	91	-68	0.9	12.5	-6.5	-1.8	36.7	14	34	1.55	-0.75	-0.47
															45	75	65	60	73	62	65	73	35	36	18	45	43	50	30	58	42	39	21	24	21
JOY 240295	98160401	1	JOY 200204		85	120	123	84	113	126	126			102	117	85	100	116	120	123	126	115	110	129	118	89	106	93	116	114	124	121	99	95	98
			JOY 130180		70	72	56	48	38	55	66			12	46	2.54	-1.6	46	25.6	10.7	137	38.6	117	106	-66	-0.3	16.2	-5.0	-3.4	40.0	16	32	0.60	-0.75	-0.26
															32	74	58	48	72	56	59	72	24	43	10	44	42	41	21	51	41	36	11	13	11
JOY 250009	98855299	1	CEF 130317		119	113	83	99	103	115	114	127	119	125	98	114	123	100	113	83	97	111	128	99	119	95	114	98	99	112	97	116	115	112	128
			JOY 170074		73	73	64	63	52	61	70	50	59	52	20	-0.50	-4.7	22	21.7	-1.4	67	34.6	187	32	-67	0.1	21.1	-7.7	-0.4	38.9	-6	28	2.14	2.02	2.30
															55	75	67	63	73	64	67	68	55	51	46	57	56	56	40	60	56	55	52	53	52
JOY 250010	98855307	1	CEF 130317		118	110	77	100	108	112	108	121	115	122	96	113	119	99	110	77	90	109	123	94	117	99	119	102	108	105	97	111	113	115	128
			JOY 200150		71	70	60	61	49	58	67	48	56	50	18	-0.41	-4.2	21	20.5	-3.3	50	33.1	166	21	-64	0.3	24.4	-10.2	-1.9	34.9	-6	24	1.97	2.36	2.34
															52	74	65	61	70	60	64	66	51	50	44	53	52	53	38	57	52	51	49	50	49
JOY 250011	98855315	1	CEF 130317		137	98	88	106	112	118	105	115	119	117	91	133	126	93	98	88	91	101	117	87	110	98	119	100	110	111	92	103	108	112	126
			JOY 190127		72	71	63	62	51	60	68	48	58	50	12	-2.47	-5.1	12	14.0	0.0	53	26.1	143	5	-54	0.2	24.0	-9.2	-2.4	38.3	-9	16	1.47	1.98	2.16
															55	74	66	62	71	63	65	68	51	50	43	53	53	55	39	59	53	52	49	50	49
JOY 250017	98855372	1	CEF 130317		108	129	97	81	114	135	134	135	138	136	120	105	119	122	129	97	111	132	136	115	127	106	120	100	113	112	110	129	124	117	126
			JOY 190106		71	71	62	62	51	59	68	48	57	50	51	0.49	-4.1	54	30.4	2.9	101	53.1	216	72	-81	0.7	25.0	-9.3	-2.8	39.3	5	39	3.09	2.71	2.18
															54	74	66	62	71	62	65	68	52	50	44	54	54	55	39	58	54	53	50	51	50
JOY 250026	98855380	1	CEF 130317		105	113	81	95	114	112	106	119	114	119	101	102	110	106	113	81	93	112	119	101	115	103	115	110	109	108	96	108	111	114	126
			JOY 200126		71	71	61	61	50	59	68	48	57	50	25	0.73	-2.9	30	22.2	-2.2	57	35.4	150	38	-61	0.5	21.9	-14.7	-2.1	36.8	-6	20	1.74	2.24	2.11
															52	74	65	61	71	61	64	66	50	50	44	52	52	54	38	57	52	51	49	50	50
JOY 250028	98855406	1	CEF 130317		101	118	69	89	110	105	104	127	110	124	107	98	113	113	118	69	85	113	126	98	114	103	116	100	113	102	95	108	109	110	125
			JOY 190184		71	71	63	62	51	60	68	50	58	50	33	1.22	-3.3	41	24.5	-5.7	37	37.0	178	32	-60	0.5	22.6	-9.3	-2.9	33.1	-7	21	1.60	1.61	2.04
															55	74	66	62	71	63	65	68	54	49	45	55	55	55	39	59	55	54	50	51	50
JOY 250030	98855422	1	CEF 130317		101	126	90	86	104	120	125	129	124	131	114	96	116	115	126	90	107	124	132	101	120	106	126	96	101	110	104	122	121	117	124
			JOY 200007		71	71	62	61	50	59	68	48	57	50	42	1.36	-3.8	44	28.9	0.7	91	46.2	200	38	-70	0.7	28.5	-6.7	-0.8	37.8	0	33	2.78	2.72	2.01
															53	74	65	61	71	62	65	67	51	48	44	53	52	54	38	58	52	52	49	50	49
JOY 250031	98856545	1	MCU 170224		100	109	90	95	103	103	102	104	103	109	102	102	97	104	109	90	97	105	108	94	105	89	86	95	109	101	106	109	115	110	104
			JOY 230026		69	70	56	54	41	55	65	30	50	26	26	0.73	-1.1	28	19.7	0.6	67	29.1	108	21	-44	-0.3	4.6	-6.0	-2.1	32.6	2	21	2.15	1.69	0.26
															44	73	61	54	70	56	60	64	42	46	16	51	50	49	24	49	46	24	27	24	

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Animal				Selection Value									Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250033	98856552	1	MCU 170224		96	97	89	98	110	92	85	98	92	102	98	104	83	102	97	89	87	100	102	92	99	89	84	100	116	100	101	99	102	115	107
			JOY 230057		69	70	56	54	41	55	65	30	50	24	21	0.55	0.7	24	13.3	0.4	42	24.7	85	17	-35	-0.3	3.3	-9.1	-3.5	32.1	-2	13	0.85	2.38	0.51
															43	73	61	54	70	56	60	64	42	46	16	51	50	48	24	51	49	46	23	26	23
JOY 250038	98855448	1	CEF 130317		127	107	78	100	116	118	106	119	119	120	96	122	124	100	107	78	88	106	120	100	116	99	123	105	112	112	93	105	113	114	126
			JOY 200182		71	71	62	62	51	59	68	48	57	50	19	-1.33	-4.8	21	18.7	-3.1	44	30.3	155	36	-62	0.3	26.5	-11.9	-2.7	39.1	-9	18	1.96	2.21	2.16
															55	74	66	62	71	62	65	67	51	50	44	53	53	55	38	59	53	52	50	50	50
JOY 250041	98855471	2	JOY 220143		77	123	107	82	105	112	119	107	111	111	118	76	92	120	123	107	115	118	109	114	108	94	100	91	113	104	110	112	109	99	102
			JOY 210233		66	68	47	48	34	51	61	22	45	17	48	3.45	-0.5	52	27.2	5.9	109	40.7	114	70	-49	0.0	12.6	-3.9	-2.8	34.1	5	24	1.61	-0.14	0.08
															36	72	55	48	68	47	54	60	29	31	13	35	34	37	20	44	34	31	16	18	16
JOY 250044	98855505	1	CEF 130317		94	120	94	94	112	119	118	128	122	129	103	91	104	106	120	94	110	120	129	91	116	105	122	104	108	110	102	118	116	119	129
			JOY 200124		71	71	61	61	50	59	68	48	57	50	27	1.92	-2.1	30	25.7	1.8	97	42.5	189	14	-63	0.6	25.9	-11.6	-2.1	37.8	-1	29	2.24	3.12	2.43
															52	74	65	61	71	61	64	67	52	48	43	54	54	54	38	58	54	53	49	50	49
JOY 250046	98855521	2	JOY 220062		72	122	120	77	87	104	121	111	105	110	124	76	84	126	122	120	121	123	112	138	113	100	102	80	94	104	114	115	109	100	104
			JOY 210121		67	68	49	48	35	52	62	24	46	20	56	3.49	0.6	60	26.7	9.9	124	45.9	125	127	-59	0.3	14.0	2.1	0.5	34.1	8	27	1.56	0.01	0.27
															35	72	55	48	68	49	55	60	31	32	15	38	37	38	22	45	36	34	19	21	19
JOY 250047	98855539	1	CEF 130317		98	132	101	80	116	135	137	132	138	135	121	94	114	124	132	101	116	131	134	98	124	104	120	99	118	109	109	129	123	115	127
			JOY 190117		71	71	62	62	51	59	68	50	57	51	52	1.56	-3.5	57	32.3	4.0	113	52.5	209	32	-76	0.5	24.5	-8.7	-3.7	37.3	4	39	2.94	2.44	2.25
															54	74	66	62	71	62	65	68	53	51	45	55	55	56	39	59	55	54	51	51	51
JOY 250048	98855547	1	JOY 220143		76	124	108	83	112	117	120	100	114	105	117	73	89	118	124	108	117	116	104	114	106	93	97	98	119	100	111	110	105	102	101
			JOY 210161		67	68	49	48	34	51	62	20	45	16	47	3.77	0.0	49	27.6	6.1	114	38.9	95	71	-47	-0.1	10.8	-7.8	-4.0	32.1	6	23	1.22	0.39	-0.01
															33	72	55	48	68	49	55	60	28	28	11	34	33	37	20	45	32	30	15	17	15
JOY 250049	98855554	1	CEF 130317		85	138	95	76	116	130	136	132	133	136	128	83	108	129	138	95	113	139	134	113	126	105	124	102	113	113	109	128	125	113	125
			JOY 200015		71	71	62	62	51	59	68	48	57	50	61	2.70	-2.6	65	35.0	2.0	104	60.2	208	67	-79	0.6	27.3	-10.5	-2.8	39.4	4	39	3.22	2.16	2.03
															55	74	66	62	71	62	65	68	52	51	44	55	54	55	39	58	54	53	50	51	50
JOY 250051	98856594	1	MCU 170224		88	120	89	81	104	105	110	104	104	112	120	93	96	123	120	89	98	120	109	95	106	88	90	95	112	98	112	114	113	113	107
			JOY 230085		69	70	57	54	42	56	65	32	51	26	50	1.76	-1.0	56	25.9	0.4	68	43.1	114	23	-47	-0.3	6.8	-6.4	-2.6	30.6	6	26	1.99	2.18	0.56
															45	73	61	54	70	57	60	64	43	46	17	51	50	48	25	52	49	46	24	27	24
JOY 250055	98855596	15	JOY 220143		83	131	126	87	104	135	142	103	131	111	114	80	103	112	131	126	141	121	109	107	114	103	103	98	104	105	113	120	113	90	95
			JOY 210239		66	68	49	48	35	51	62	21	45	17	43	3.12	-1.9	40	31.4	11.7	173	43.3	115	54	-60	0.5	14.7	-8.1	-1.2	35.1	7	31	2.02	-1.45	-0.49
															35	72	55	48	68	49	55	60	27	27	13	34	33	38	22	45	32	29	16	18	16
JOY 250060	98855646	1	CEF 130317		101	113	87	97	112	112	109	126	116	124	101	96	112	103	113	87	99	113	126	99	118	107	117	107	108	110	96	111	114	118	124
			JOY 190129		71	71	63	62	51	60	68	48	58	50	25	1.42	-3.2	26	21.8	-0.3	71	36.2	176	33	-66	0.7	22.8	-13.0	-1.9	38.0	-6	23	2.05	2.87	1.93
															53	74	66	62	71	63	65	68	51	50	44	53	53	55	39	59	53	52	50	50	50
JOY 250061	98855653	1	CEF 130317		98	120	84	93	111	115	115	127	119	127	105	92	112	107	120	84	101	121	127	98	120	106	113	99	111	111	98	114	117	115	125
			JOY 190108		71	71	62	62	51	59	68	48	57	50	30	1.79	-3.2	32	25.9	-1.3	76	43.6	183	30	-70	0.7	20.7	-8.7	-2.4	38.2	-4	26	2.35	2.36	2.04
															55	74	66	62	71	62	65	68	52	51	44	55	54	56	39	59	54	53	50	51	50

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ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250062	98855661	3	JOY 220062	JOY 200168	73	136	128	76	83	122	145	111	122	110	130	62	81	127	136	128	138	133	114	138	113	110	112	87	85	100	114	120	116	93	92		
JOY 250070	98856586	1	MCU 170224	JOY 230007	96	105	96	91	93	94	97	99	93	106	106	102	91	108	105	96	97	102	101	87	95	92	94	92	98	98	101	99	106	110	105		
JOY 250077	98855760	1	CEF 130317	JOY 190140	104	122	93	81	101	116	122	131	121	130	121	100	118	122	122	93	103	122	131	96	121	111	118	98	102	104	106	121	118	112	123		
JOY 250082	98855810	5	JOY 220143	JOY 210103	75	117	130	87	101	117	122			103	112	76	84	111	117	130	133	110	101	117	108	105	105	100	97	108	109	108	104	89	96		
JOY 250086	98855844	2	JOY 220062	JOY 190137	72	138	135	76	86	129	151	114	128	116	129	48	72	126	138	135	145	132	116	122	118	113	117	84	86	109	121	126	114	93	98		
JOY 250087	98856628	1	MCU 170224	JOY 230019	95	96	95	101	101	90	87	96	89	100	94	102	80	97	96	95	93	97	98	97	97	89	89	94	105	104	97	95	102	110	106		
JOY 250092	98855885	15	JOY 180011	JOY 200178	91	107	102	90	84	91	100			96	111	100	83	110	107	102	103	104	88	95	93	103	113	90	77	109	91	86	98	86	101		
JOY 250095	98855919	1	JOY 200204	JOY 200128	102	108	121	89	112	122	116			94	110	100	108	110	108	121	118	104	100	107	109	91	112	100	111	113	106	103	97	88	96		
JOY 250097	98855935	4	JOY 180011	JOY 190176	97	100	121	87	89	98	101			98	111	105	90	112	100	121	111	101	94	99	95	105	110	95	81	110	93	91	96	93	102		
JOY 250099	98855950	2	JOY 180011	JOY 200044	75	116	144	90	69	106	129	105	106	109	109	76	81	107	116	144	147	111	106	108	108	108	114	78	64	109	104	110	118	86	96		
JOY 250101	98855976	3	JOY 200204	JOY 170072	98	125	116	87	100	129	135	110	127	104	115	93	114	112	125	116	128	117	116	131	120	101	110	91	103	108	114	118	106	92	91		
JOY 250116	98856107	26	JOY 200204	JOY 190118	81	139	146	78	121	154	152	116	151	115	124	67	99	122	139	146	156	127	124	119	129	91	114	94	124	121	132	138	113	90	95		

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250118	98856651	1	MCU 170224		JOY 230080		103	95	89	106	102	92	89	97	91	99	90	106	92	93	95	89	89	95	101	99	100	90	82	87	112	101	97	96	102	113	102
							69	70	57	54	42	56	65	31	51	26	10	0.35	-0.5	11	12.3	0.2	47	20.2	83	34	-36	-0.2	1.9	-1.9	-2.7	32.7	-5	10	0.85	2.09	0.11
																	44	73	61	54	70	57	60	64	43	46	16	51	50	49	26	52	49	46	24	27	24
JOY 250119	98856123	2	JOY 180011		JOY 190172		75	116	127	81	82	101	118	105	101	106	121	79	88	120	116	127	124	111	103	106	106	105	112	86	80	109	102	103	112	88	102
							70	70	57	56	42	56	66	21	49	18	52	3.17	0.0	51	23.4	11.8	131	34.9	91	50	-46	0.6	19.7	-0.9	3.1	37.3	-1	17	1.89	-1.82	0.14
																	41	74	62	56	70	57	61	66	25	43	15	43	41	47	26	52	40	36	18	19	18
JOY 250121	98856149	1	JOY 180011		JOY 170134		87	109	135	87	90	110	118	98	108	101	113	91	90	112	109	135	130	110	100	108	105	107	107	86	88	112	100	102	103	90	95
							70	71	59	57	42	57	67	20	50	18	41	1.88	-0.3	40	19.8	14.5	145	33.7	81	54	-44	0.7	17.1	-1.3	1.6	39.3	-3	15	0.98	-1.45	-0.44
																	43	74	63	57	71	59	62	66	27	46	13	45	43	47	26	52	42	38	17	18	17
JOY 250151	99844979	1	MCU 170224		JOY 230114		103	105	89	91	106	100	96	101	100	107	105	108	94	109	105	89	91	103	106	100	102	86	92	98	111	99	112	110	106	113	108
							69	69	55	50	39	54	64	28	49	23	31	0.10	-0.8	35	17.8	0.2	51	28.1	101	35	-40	-0.4	7.9	-8.0	-2.6	31.3	7	22	1.29	2.08	0.58
																	40	73	58	50	69	55	58	58	39	46	14	49	48	46	22	49	47	44	21	25	22
JOY 250154	99844995	1	MCU 170224		JOY 230169		106	95	91	100	104	94	88	95	93	101	95	111	93	99	95	91	88	96	96	93	92	93	86	102	110	95	96	94	101	114	110
							69	69	55	51	39	54	64	29	49	24	17	-0.22	-0.6	21	12.1	0.9	44	21.0	65	20	-24	-0.1	4.7	-10.2	-2.3	28.7	-6	8	0.81	2.24	0.81
																	41	73	59	51	69	55	58	58	40	46	15	49	48	46	22	50	47	44	23	26	23
JOY 250162	99838484	2	CKB 190026		JOY 150036		115	114	104	98	95	121	124	113	120	105	102	110	120	100	114	104	116	114	112	117	105	96	92	105	87	104	90	107	117	86	83
							71	73	58	54	41	57	67	36	53	44	27	-0.06	-4.3	22	22.3	4.9	112	37.2	126	76	-45	0.1	7.7	-11.8	1.8	34.2	-11	19	2.36	-2.22	-1.49
																	44	75	61	54	73	58	62	59	47	28	22	52	51	43	28	52	50	48	43	45	43
JOY 250163	99838492	3	CKB 190026		JRP 140038		110	119	99	93	105	125	125	112	124	110	108	105	121	106	119	99	113	117	113	110	106	95	93	112	94	112	99	111	117	91	88
							71	73	58	54	41	57	67	38	53	48	34	0.41	-4.4	31	25.2	3.4	105	40.4	127	60	-46	0.1	8.4	-15.8	0.4	38.9	-4	24	2.35	-1.32	-1.04
																	46	75	61	54	73	58	62	59	49	32	24	55	54	43	27	52	54	50	46	49	47
JOY 250164	99838500	3	CKB 190026		JOY 180132		95	132	108	83	106	133	139	116	132	114	120	92	111	118	132	108	125	129	116	117	114	89	90	107	98	110	104	122	127	81	92
							69	71	55	53	39	55	65	35	51	45	51	1.85	-3.0	49	32.3	6.1	133	50.9	140	76	-60	-0.3	6.6	-12.8	-0.2	38.2	0	33	3.37	-2.90	-0.72
																	49	74	59	53	71	55	60	57	46	26	22	52	51	42	26	50	50	47	44	46	44
JOY 250168	99838542	2	CKB 190026		JOY 190006		92	133	85	79	115	124	129	119	125	111	124	87	115	126	133	85	104	127	117	119	107	92	99	117	110	105	96	111	116	77	88
							69	71	55	53	39	55	65	36	51	44	56	2.34	-3.5	60	32.7	-1.0	83	49.4	145	83	-47	-0.1	12.0	-18.7	-2.3	34.9	-6	24	2.24	-3.52	-1.07
																	49	74	59	53	71	55	60	58	47	22	23	51	51	42	25	50	50	47	43	45	43
JOY 250169	99838559	2	CKB 190026		JOY 210008		102	126	113	86	118	141	136	118	139	116	116	100	112	114	126	113	125	123	117	109	111	93	90	119	108	110	107	120	121	88	91
							68	70	54	53	39	54	65	34	50	44	45	0.99	-3.2	43	28.9	7.6	134	45.6	142	57	-55	-0.1	6.6	-19.8	-2.1	38.1	2	31	2.74	-1.84	-0.86
																	48	73	59	53	70	54	59	57	45	32	20	53	52	42	25	49	51	47	42	45	43
JOY 250173	99838583	1	CEF 130317		JOY 230103		100	123	72	86	106	108	110	131	113	132	113	99	109	117	123	72	89	124	130	102	118	100	113	96	108	106	102	116	118	127	132
							70	70	59	57	50	58	66	49	56	50	41	1.05	-2.8	47	27.0	-4.9	46	46.7	195	41	-65	0.3	20.7	-7.0	-2.0	35.5	-2	28	2.50	4.39	2.68
																	53	73	62	57	70	59	62	60	53	52	44	56	55	55	37	57	55	54	50	51	50
JOY 250175	99838591	1	CEF 130317		JOY 230147		119	108	103	93	119	127	115	125	129	122	104	115	120	106	108	103	106	115	128	113	123	100	125	106	116	112	104	117	112	116	124
							70	70	59	55	49	57	66	48	55	50	29	-0.60	-4.3	31	19.3	4.5	89	38.5	185	67	-75	0.3	27.9	-12.6	-3.5	39.2	0	29	1.91	2.53	1.97
																	52	73	62	55	70	59	61	60	51	52	44	54	54	54	37	56	54	53	49	50	49

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250176	99838609	1	CKB 190026		103	111	102	96	114	119	114	105	117	99	102	98	112	102	111	102	110	111	104	128	103	89	87	123	100	108	91	102	110	89	88
			JOY 130103		71	73	58	53	39	56	67	34	52	44	26	1.16	-3.2	25	20.7	4.2	98	34.6	93	104	-41	-0.3	5.1	-22.1	-0.6	36.5	-11	16	1.69	-1.74	-1.10
															40	75	61	53	73	58	61	59	44	30	21	52	51	41	24	51	50	46	43	46	43
JOY 250177	99838617	11	JOY 230068		95	119	119	83	99	121	126			104	121	97	101	118	119	119	122	114	101	131	110	99	112	98	90	112	106	109	113	80	100
			JOY 180040		68	69	51	48	34	52	63			16	51	1.24	-1.8	49	25.2	9.5	126	37.9	84	111	-53	0.3	20.0	-8.2	1.2	38.9	2	22	2.02	-3.08	-0.04
															39	73	56	48	69	51	56	53	22	28	12	31	30	37	22	44	29	27	16	17	16
JOY 250190	99838740	4	CKB 190026		119	107	92	107	94	112	114	106	112	99	94	115	116	91	107	92	105	112	107	117	103	94	87	111	82	105	82	99	116	85	84
			JOY 170111		69	71	56	53	40	55	66	36	51	44	15	-0.55	-3.7	9	18.9	1.4	86	35.7	106	78	-41	0.0	5.3	-15.5	2.7	34.6	-17	13	2.25	-2.27	-1.39
															49	74	60	53	71	56	60	58	47	25	22	52	51	42	27	51	51	48	43	46	44
JOY 250191	99838757	3	CKB 190026		107	119	78	90	105	112	113	115	113	106	110	102	119	111	119	78	94	117	114	116	104	84	92	111	98	106	84	101	117	78	89
			JOY 210005		68	70	54	53	39	54	65	36	50	44	37	0.74	-4.1	38	25.2	-2.9	59	40.1	130	74	-43	-0.6	8.0	-15.5	-0.1	35.3	-16	15	2.37	-3.45	-0.96
															49	73	59	53	70	54	59	57	48	31	23	54	53	42	25	50	52	49	43	46	44
JOY 250195	99838799	1	CEF 130317		97	125	80	89	117	120	117	131	124	132	110	94	110	112	125	80	100	120	132	91	121	111	123	111	114	105	106	119	114	119	127
			JOY 120080		74	73	66	63	52	61	71	48	58	50	36	1.59	-2.9	40	28.4	-2.3	74	42.9	200	13	-72	0.9	26.2	-15.3	-3.1	34.7	2	30	2.10	3.02	2.24
															53	76	68	63	73	66	67	64	52	49	44	54	54	56	40	61	54	53	50	50	50
JOY 250196	99838807	3	JOY 230068		87	123	121	80	99	121	129	104	119	109	123	91	97	122	123	121	124	121	109	128	114	108	115	98	95	109	112	117	109	87	100
			JOY 170014		69	70	51	48	36	53	64	23	47	20	54	1.96	-1.1	55	27.4	10.1	132	43.8	114	103	-59	0.8	22.0	-8.1	0.3	37.5	6	29	1.57	-1.95	-0.07
															40	74	57	48	70	51	56	53	28	35	17	37	36	38	24	46	35	33	20	21	20
JOY 250200	99838849	2	SYF 220011		105	104	113	101	96	110	111	89	106	101	95	108	93	96	104	113	117	99	88	82	76	111	104	99	89	111	81	85	110	81	84
			JOY 220075		66	68	47	48	33	51	61	30	47	34	16	0.11	-0.6	17	16.9	7.7	114	24.5	35	-7	3	1.0	15.3	-8.6	1.4	38.3	-18	0	1.72	-2.94	-1.44
															44	72	55	48	68	47	54	50	35	28	22	44	42	36	20	43	41	38	33	36	33
JOY 250203	99838872	2	JOY 230068		77	126	132	75	103	125	135			109	131	79	96	128	126	132	131	123	113	129	118	95	118	90	104	115	118	121	109	86	95
			JOY 170002		69	70	51	47	33	52	63			12	65	3.12	-1.0	64	28.7	13.6	149	45.5	128	107	-67	0.1	23.7	-3.2	-1.2	41.0	11	32	1.63	-2.16	-0.45
															37	74	56	47	70	51	56	54	21	31	9	34	33	36	20	44	32	28	11	12	11
JOY 250205	99838898	5	JOY 230068		92	109	124	81	104	113	113			100	119	99	91	120	109	124	117	110	96	105	101	106	121	104	97	109	102	99	101	91	97
			JOY 160016		69	70	52	48	35	53	64			12	50	1.07	-0.4	51	19.9	11.0	114	33.5	66	48	-38	0.7	25.1	-11.2	-0.1	37.0	-2	13	0.76	-1.45	-0.34
															39	74	57	48	70	52	57	54	23	26	8	32	31	38	22	46	30	27	11	12	11
JOY 250208	99838922	2	SYF 220011		98	101	103	100	108	104	99	93	101	96	95	101	91	98	101	103	104	101	94	106	88	113	94	108	104	106	87	89	103	85	81
			JOY 220144		66	68	48	47	35	51	61	32	47	36	17	0.82	-0.4	19	15.3	4.6	83	25.6	55	51	-17	1.0	9.4	-13.5	-1.2	35.7	-13	4	0.94	-2.35	-1.69
															44	72	55	47	68	48	54	50	38	25	23	45	43	38	22	45	42	39	34	37	34
JOY 250210	99838948	2	SYF 220011		103	113	110	90	111	123	118	93	118	104	108	104	104	109	113	110	115	108	94	93	86	109	100	102	108	113	91	96	113	81	81
			JOY 220146		66	68	48	47	35	51	61	32	47	36	35	0.56	-2.1	36	22.1	6.8	110	31.7	58	20	-14	0.8	13.0	-10.2	-1.9	39.6	-10	10	1.95	-2.97	-1.68
															45	72	55	47	68	48	54	50	37	27	23	45	44	38	22	45	42	39	34	37	34
JOY 250212	99838963	3	JOY 230068		81	124	119	75	91	111	127			111	132	86	94	129	124	119	120	120	106	108	108	109	110	90	85	114	109	112	110	90	96
			JOY 170108		68	69	51	48	34	52	63			12	66	2.43	-0.8	65	27.8	9.4	121	42.6	101	55	-50	0.8	18.5	-3.4	2.1	40.1	4	24	1.65	-1.54	-0.39
															38	73	56	48	69	51	56	53	19	34	10	32	30	36	22	44	29	26	12	13	13

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
Animal no	%	Parentage	Sire ID Dam ID																																
JOY 250217	2	SYF 220011 JOY 220141		101	105	107	96	107	111	106	93	107	98	101	103	97	102	105	107	109	104	94	104	87	113	94	103	104	110	87	91	108	85	77	
99839011			66	68	48	48	36	51	62	32	47	36	24	0.63	-1.1	25	17.4	5.9	96	28.8	58	45	-15	1.0	9.0	-10.7	-1.3	37.7	-14	6	1.49	-2.39	-1.97		
JOY 250220	1	CEF 130317 JOY 180041		91	130	78	85	93	107	119	122	110	127	115	92	101	117	130	78	100	125	121	103	115	110	124	83	96	107	100	112	116	113	128	
99839045			71	72	63	62	51	60	69	48	58	50	44	1.80	-1.7	48	31.1	-3.1	73	47.7	161	43	-61	0.9	27.1	0.8	0.1	36.0	-3	25	2.31	2.17	2.28		
JOY 250222	2	SYF 220011 JOY 220019		98	111	88	93	109	105	102	93	102	102	105	101	97	108	111	88	96	104	94	89	82	103	91	103	109	106	87	91	112	92	84	
99839060			66	68	47	48	34	51	61	32	47	36	30	0.83	-1.1	33	20.6	0.0	63	29.0	58	9	-7	0.5	7.6	-10.5	-2.2	35.2	-13	5	1.89	-1.20	-1.41		
JOY 250226	2	JOY 230068 JOY 180022		80	115	119	81	100	109	115			110	121	86	89	120	115	119	118	112	109	118	113	112	113	102	94	110	111	113	106	92	96	
99839094			68	68	49	47	34	51	62			12	52	2.49	-0.1	51	23.0	9.7	117	36.0	114	80	-57	1.0	20.8	-10.0	0.5	37.9	6	25	1.30	-1.17	-0.39		
JOY 250229	1	JOY 230068 JOY 150157		72	141	123	65	81	119	148			120	144	68	88	143	141	123	128	133	115	111	114	101	115	77	82	111	126	132	117	91	101	
99839128			69	70	52	48	35	53	64			12	83	4.35	0.0	86	36.7	10.8	141	54.2	134	63	-60	0.4	22.0	4.3	2.6	38.5	18	42	2.42	-1.43	0.06		
JOY 250230	1	CEF 130317 JOY 160014		106	119	79	87	103	109	111	118	111	122	113	106	109	116	119	79	92	119	121	88	115	108	129	99	105	99	99	109	113	117	124	
99839136			73	73	65	62	52	61	70	48	58	50	40	0.34	-2.7	45	25.3	-2.8	55	42.0	158	7	-61	0.8	30.0	-8.4	-1.5	31.1	-4	22	1.98	2.82	1.97		
JOY 250235	1	CEF 130317 JOY 190019		90	124	96	89	111	120	120	129	123	127	111	89	102	112	124	96	112	128	131	113	124	107	116	103	109	107	103	120	117	116	122	
99839185			71	72	63	62	51	60	69	49	58	50	38	2.13	-1.8	40	27.6	2.6	101	49.9	197	67	-76	0.7	22.4	-10.6	-2.2	36.3	-1	32	2.43	2.51	1.85		
JOY 250236	5	JOY 230068 JOY 210009		109	111	104	88	92	109	113	98	107	103	114	107	113	112	111	104	106	110	101	103	105	108	102	96	85	109	95	101	111	88	90	
99839193			66	68	48	47	35	51	61	21	45	16	43	0.20	-3.3	40	20.7	4.9	89	33.7	84	44	-44	0.7	14.2	-6.7	2.0	37.1	-7	15	1.83	-1.88	-0.89		
JOY 250237	2	JOY 180011 JOY 190054		80	127	124	74	80	111	133	107	110	116	132	84	96	130	127	124	125	121	108	95	106	110	119	85	77	108	109	112	113	93	98	
99839201			70	71	59	56	41	56	67	20	49	18	67	2.65	-1.1	66	29.3	11.1	134	44.0	108	24	-46	0.9	24.2	-0.7	3.5	36.4	4	24	1.99	-1.05	-0.24		
JOY 250241	1	MCU 170224 JOY 230206		77	112	94	89	107	97	98	101	97	105	109	84	81	112	112	94	100	108	105	96	103	85	88	98	115	97	111	108	105	111	104	
99845026			69	70	55	51	40	55	65	28	50	24	36	2.65	0.9	40	21.6	1.8	73	32.5	99	26	-41	-0.5	5.4	-7.7	-3.2	30.3	5	21	1.23	1.83	0.25		
JOY 250244	1	JOY 180011 JOY 120109		87	99	115	93	93	92	96			96	105	94	82	106	99	115	108	96	93	92	97	107	103	99	92	100	97	89	91	92	97	
99838369			72	73	61	56	42	58	68			17	30	1.58	0.9	30	14.4	8.3	94	21.8	52	16	-32	0.7	14.8	-8.6	0.9	31.6	-6	4	-0.26	-1.23	-0.32		
JOY 250248	14	JOY 220062 JOY 210033		90	129	129	75	97	130	143	111	128	113	130	89	107	129	129	129	131	128	116	133	123	108	108	94	97	104	122	128	112	95	100	
99838401			67	69	51	48	36	52	63	23	46	19	64	2.11	-2.6	64	30.5	12.5	148	50.3	140	115	-75	0.8	17.5	-5.6	0.0	34.4	15	38	1.84	-0.66	-0.08		

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Inbreeding	Genomic	Index	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250251	3	JOY 220062				83	115	146	81	93	120	129	110	120	111	119	87	92	118	115	146	139	118	111	121	112	118	106	95	93	99	112	117	105	102	106
99838419		BP 130056				69	71	55	50	38	54	65	26	48	22	49	2.29	-0.5	49	23.0	17.9	168	40.7	123	87	-56	1.3	16.6	-6.3	0.6	31.2	7	29	1.22	0.35	0.44
																39	74	59	50	71	55	59	56	33	24	18	39	38	38	25	50	37	35	21	22	21
JOY 250254	1	JOY 220062				89	107	131	88	91	108	114	94	104	95	111	94	89	110	107	131	125	108	99	125	107	111	112	86	97	100	107	105	95	96	95
99839243		JOY 160033				69	59	53	48	36	50	58	22	44	16	38	1.59	-0.2	37	18.6	13.1	135	32.4	77	96	-48	1.0	20.1	-0.9	-0.1	32.1	3	18	0.22	-0.64	-0.49
																34	74	57	48	59	53	53	56	29	31	14	37	36	38	24	47	35	32	15	17	15
JOY 250255	2	JOY 220062				90	117	136	80	99	124	129	102	121	105	122	95	95	120	117	136	132	116	105	124	111	106	113	94	96	111	113	112	104	90	98
99839250		JOY 160133				69	71	54	50	37	54	65	20	47	17	54	1.46	-0.9	51	24.1	14.7	151	39.5	97	94	-55	0.6	20.6	-5.5	0.2	38.8	7	24	1.13	-1.59	-0.23
																41	74	58	50	71	54	58	56	25	34	13	36	34	39	24	48	34	30	16	18	17
JOY 250259	1	JOY 230068				71	125	130	74	78	106	130			112	130	72	82	130	125	130	129	123	109	113	111	100	113	79	80	106	118	122	111	92	101
99839292		JOY 150030				68	70	51	47	33	52	63			12	64	3.87	0.9	66	28.6	13.0	143	45.3	114	67	-55	0.3	20.3	2.8	3.0	35.3	11	33	1.75	-1.18	-0.01
																28	74	56	47	70	51	56	52	22	25	9	31	30	34	20	45	29	26	11	12	11
JOY 250260	2	JOY 230068				88	117	109	82	83	100	115	92	98	101	121	91	99	120	117	109	111	109	95	96	103	98	105	85	87	99	103	103	111	82	96
99839300		JRP 130097				69	70	51	45	33	52	63	20	46	20	51	1.95	-1.4	51	23.8	6.5	100	32.8	59	25	-41	0.2	16.0	-0.4	1.8	31.5	-1	17	1.77	-2.72	-0.42
																31	74	56	45	70	51	55	50	25	25	14	33	32	34	21	45	31	29	19	20	19
JOY 250263	4	JOY 220143				79	134	124	77	106	132	143			110	128	60	92	126	134	124	133	125	112	130	117	110	111	102	103	105	118	120	108	94	97
99839334		JOY 180050				68	69	52	48	36	53	63			14	61	5.15	-0.5	60	33.1	11.0	153	47.6	125	107	-64	0.9	19.2	-10.1	-1.1	34.9	11	31	1.45	-0.94	-0.33
																40	73	56	48	69	52	56	54	22	24	11	28	27	38	23	47	27	25	13	15	13
JOY 250266	2	JOY 220143				79	145	116	65	99	133	152	115	132	121	142	50	96	145	145	116	126	135	117	110	112	100	112	85	108	104	118	124	115	88	100
99839367		JOY 190047				68	69	52	49	35	53	63	24	47	17	81	6.24	-1.0	88	39.1	8.8	136	56.2	142	61	-56	0.3	19.8	-0.7	-1.9	34.0	12	35	2.19	-1.90	-0.10
																42	73	57	49	69	52	57	54	30	30	16	37	36	37	22	46	35	33	16	18	16
JOY 250279	4	JOY 220143				81	136	126	82	89	131	149	107	128	111	122	58	93	118	136	126	142	127	113	113	113	109	109	87	90	105	111	120	117	89	91
99839466		JOY 210003				67	69	50	48	36	52	62	22	46	18	52	5.36	-0.6	49	34.4	11.7	175	49.5	127	67	-58	0.8	18.4	-1.6	1.3	35.2	5	31	2.42	-1.68	-0.86
																41	72	55	48	69	50	56	54	28	32	14	36	35	38	24	46	34	31	17	18	17
JOY 250280	1	JOY 180011				71	116	136	86	63	95	121	103	95	107	114	79	75	113	116	136	136	115	103	91	104	108	111	77	57	107	102	106	116	88	95
99839474		JOY 190153				69	70	57	56	40	55	66	20	48	18	42	3.13	1.8	41	23.6	14.8	160	38.1	91	15	-44	0.7	19.2	3.9	7.0	35.8	-2	19	2.27	-1.91	-0.45
																47	73	61	56	70	57	61	60	25	42	14	42	40	46	24	51	39	36	17	19	18
JOY 250285	2	JOY 220143				78	131	119	79	99	124	136	109	122	117	124	74	94	123	131	119	130	124	113	104	112	98	103	89	105	104	115	122	121	98	99
99837742		JOY 220006				66	68	47	47	34	51	61	20	45	17	55	3.66	-0.8	55	31.7	9.6	145	46.3	129	45	-57	0.2	14.3	-2.6	-1.5	34.4	9	33	2.82	-0.20	-0.12
																40	72	54	47	68	47	54	53	28	29	12	34	33	37	20	44	32	30	16	18	16
JOY 250293	2	SYF 220011				124	85	107	122	88	100	98	82	95	89	81	128	98	81	85	107	103	87	83	81	71	111	99	97	80	110	72	74	103	81	77
99837817		JOY 220082				66	68	47	48	34	51	61	30	47	34	-2	-1.90	-1.3	-5	6.9	6.0	80	13.2	13	-10	11	0.9	12.1	-7.5	3.0	37.6	-25	-10	0.97	-2.97	-1.96
																44	72	55	48	68	47	54	49	36	28	22	45	43	37	21	43	42	38	33	36	33
JOY 250294	2	JOY 220143				79	128	118	80	109	126	132	101	122	102	122	66	94	121	128	118	126	120	107	117	115	102	111	101	110	106	111	113	106	89	94
99837825		JOY 160207				69	71	53	48	35	53	64	22	47	18	54	4.53	-0.7	53	29.8	9.1	137	43.1	107	78	-62	0.5	19.4	-9.5	-2.3	35.2	6	25	1.30	-1.62	-0.60
																40	74	57	48	71	53	57	55	27	30	15	36	35	36	22	48	34	30	18	19	18

Breeding Values and Accuracies: Bulls

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Value >120

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250295	3	SYF 220011		97	106	83	102	104	98	97	94	96	102	95	102	86	97	106	83	92	101	94	88	80	103	91	103	102	105	82	87	109	92	85
99837833		JOY 220193		66	68	48	47	35	51	61	32	47	36	16	0.76	0.3	18	18.4	-1.6	55	25.7	57	7	-3	0.5	7.3	-10.5	-0.9	34.8	-17	2	1.58	-1.13	-1.31
														45	72	55	47	68	48	54	50	40	28	23	47	45	38	22	44	44	41	35	38	35
JOY 250296	1	SYF 220011		97	97	105	104	109	103	97	84	98	88	92	99	90	94	97	105	105	99	85	106	81	107	94	107	105	109	83	82	100	83	79
99837841		JOY 220113		66	68	48	47	35	51	61	32	47	35	13	1.04	-0.2	13	13.4	5.2	85	24.1	24	50	-5	0.7	9.3	-12.9	-1.4	37.2	-17	-2	0.69	-2.66	-1.83
														44	72	55	47	68	48	54	50	38	24	23	45	43	38	22	45	42	39	33	37	34
JOY 250298	2	JOY 220062		88	120	143	88	81	122	137	107	120	108	115	90	93	110	120	143	147	119	110	122	111	112	112	87	78	104	107	115	111	93	95
99837866		JOY 210019		67	68	50	48	37	52	62	24	46	20	43	2.00	-0.7	37	25.5	17.0	187	42.2	118	88	-54	1.0	20.0	-1.5	3.3	34.2	2	27	1.83	-1.08	-0.51
														41	72	56	48	68	50	55	55	31	34	16	39	37	39	25	46	37	34	19	20	19
JOY 250299	2	JOY 180011		73	112	125	87	93	103	112	98	101	103	113	81	76	112	112	125	125	113	101	102	104	103	106	96	89	108	101	102	103	90	99
99837874		JOY 170145		70	71	58	56	41	56	67	20	49	16	41	2.99	1.6	39	21.6	11.3	133	36.8	82	42	-44	0.5	16.5	-6.6	1.5	36.7	-2	16	0.96	-1.54	-0.18
														40	74	62	56	71	58	62	60	25	44	12	43	42	46	25	52	40	36	16	17	16
JOY 260003	1	JOY 230134		107	99	91	101	105	100	94			95	97	110	97	98	99	91	92	97	101	98	98	107	102	102	107	101	91	97	98	102	95
6020405616		JOY 230061		65	50	39	37	29	42	49			15	20	-0.03	-1.2	19	14.6	0.8	55	22.3	83	31	-33	0.7	13.9	-10.1	-1.9	32.3	-11	11	0.53	0.45	-0.48
														27	71	50	37	50	39	42	48	26	50	11	45	42	34	18	36	41	36	14	16	14
JOY 260012	1	SYF 220011		100	95	86	108	107	92	86	86	89	90	88	105	86	91	95	86	87	92	85	98	73	98	85	101	112	99	80	78	99	94	84
6020405707		JOY 210161		67	58	47	48	34	48	56	32	45	36	7	0.50	0.4	9	12.1	-0.7	41	17.8	23	30	7	0.2	3.6	-9.7	-2.8	31.0	-19	-6	0.60	-0.87	-1.39
														37	73	56	48	58	47	51	50	39	27	22	46	44	37	21	43	43	40	34	37	34
JOY 260013	2	SYF 220011		78	110	92	90	97	89	95	98	89	98	106	82	86	111	110	92	97	106	97	105	84	104	101	95	101	102	85	90	103	77	83
6020405715		JOY 210211		67	58	48	48	35	48	56	34	45	36	31	2.84	0.3	38	20.2	1.2	65	30.0	69	47	-10	0.6	13.3	-6.0	-0.7	33.2	-15	4	1.03	-3.55	-1.48
														39	73	56	48	58	48	51	50	40	21	25	46	45	38	22	44	44	41	34	37	34
JOY 260015	5	JOY 230134		99	103	110	100	101	107	107			92	100	100	96	98	103	110	113	104	103	115	106	117	105	96	98	110	92	100	98	93	90
6020405731		JOY 230077		65	51	43	39	31	43	50			14	23	0.96	-1.1	19	16.5	6.9	104	28.4	89	73	-46	1.3	16.0	-7.0	-0.3	37.7	-10	13	0.50	-0.97	-0.94
														29	71	51	39	51	43	44	50	24	48	12	44	41	35	20	39	40	35	14	15	14
JOY 260019	3	JOY 230134		115	90	91	106	104	95	88			90	92	117	102	93	90	91	86	92	98	104	95	107	100	101	104	104	88	90	93	105	98
6020405772		JOY 230028		65	51	42	38	30	43	50			14	13	-0.79	-1.9	12	9.7	1.0	40	17.7	70	45	-29	0.7	13.0	-9.4	-1.3	34.1	-13	5	-0.02	0.89	-0.23
														27	71	50	38	51	42	44	48	25	50	10	44	42	34	18	38	40	36	13	15	13
JOY 260020	1	AG 210198		112	94	102	104	104	104	97			96	95	115	99	94	94	102	100	92	96	98	91	105	100	104	99	110	90	87	95	102	100
6020405780		JOY 240102		66	52	41	39	30	43	50			18	17	-0.60	-1.4	14	11.9	4.4	72	17.6	63	30	-22	0.6	12.8	-11.1	-0.3	38.0	-11	2	0.18	0.40	-0.02
														33	72	51	39	52	41	44	43	24	25	11	31	31	32	17	40	30	27	17	18	17
JOY 260021	5	JOY 230104		115	93	91	105	104	98	89			93	92	119	95	94	93	91	88	93	93	84	92	96	104	103	101	107	88	88	99	99	98
6020405798		JOY 200158		66	52	47	47	33	46	53			16	13	-1.04	-0.9	13	11.0	0.8	44	18.8	53	-2	-24	0.1	15.3	-10.7	-0.7	36.2	-12	3	0.61	-0.09	-0.23
														34	72	55	47	52	47	49	52	26	48	10	43	41	36	21	41	39	35	15	17	15
JOY 260025	1	JOY 230068		103	103	116	84	106	110	106			102	116	108	101	117	103	116	107	104	103	125	110	108	106	106	99	110	112	107	95	98	97
6020405830		JOY 120111		70	59	53	48	35	50	58			12	46	0.18	-1.7	47	16.8	8.7	91	28.7	92	97	-52	0.8	16.1	-12.4	-0.3	37.9	6	20	0.20	-0.26	-0.29
														32	75	58	48	59	53	53	54	22	27	9	31	30	37	22	45	29	26	12	13	12

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 260026	6020405848	8	JOY 230068		88	121	114	76	105	117	123	105	115	108	128	91	100	128	121	114	114	122	107	119	115	106	106	103	97	114	109	114	113	88	95
					68	58	50	48	33	48	57	20	42	16	61	1.95	-1.5	63	26.0	7.9	107	44.2	107	82	-62	0.7	16.1	-10.7	0.0	40.5	4	26	1.96	-1.89	-0.50
															34	73	56	48	58	50	52	52	24	28	13	33	32	37	21	42	31	29	16	17	16
JOY 260030	6020405889	1	SYF 220011		115	93	101	112	104	107	100	81	101	89	86	117	100	87	93	101	102	90	82	80	72	103	98	100	101	109	78	77	100	79	81
					68	58	50	49	35	49	57	30	45	34	5	-0.75	-1.6	3	11.5	4.1	78	16.1	12	-12	9	0.5	11.4	-8.8	-0.8	37.2	-21	-6	0.70	-3.25	-1.62
															39	73	57	49	58	50	52	50	36	23	22	43	42	38	23	45	40	37	33	36	33
JOY 260031	6020405897	2	JOY 230104		95	103	108	95	108	107	102	97	104	100	101	100	90	103	103	108	108	103	103	97	104	92	99	101	107	110	101	104	103	100	102
					67	52	47	47	33	46	53	22	41	18	25	1.02	-0.2	27	16.7	6.1	92	27.7	91	28	-44	-0.1	12.3	-9.8	-1.8	38.1	-2	17	0.96	0.12	0.08
															34	72	55	47	52	47	49	52	29	49	13	45	43	37	21	41	41	37	18	19	18
JOY 260034	6020405913	1	SYF 220011		101	102	91	107	100	99	98	87	95	94	90	101	94	92	102	91	98	96	88	88	80	104	98	102	99	103	82	85	104	81	83
					67	57	46	47	33	47	55	30	44	34	10	0.85	-0.8	10	15.8	1.0	69	21.8	32	6	-3	0.6	11.6	-10.2	-0.4	33.4	-17	0	1.10	-2.87	-1.45
															36	73	55	47	57	46	50	49	35	23	22	42	41	36	21	42	39	36	33	36	33
JOY 260036	6020405939	2	JOY 230068		73	122	120	83	88	107	122	101	105	102	119	77	82	117	122	120	125	121	103	123	103	104	111	92	84	106	100	105	111	90	91
					67	57	47	47	34	48	55	20	42	16	49	3.41	0.8	48	26.8	9.7	135	43.9	91	91	-42	0.6	19.1	-4.5	2.3	35.6	-3	18	1.79	-1.59	-0.79
															31	73	55	47	57	47	50	52	26	28	14	33	33	37	23	43	32	30	16	17	16
JOY 260044	6020406010	2	JOY 230104		85	106	98	97	111	102	99	93	99	97	100	89	84	102	106	98	104	106	100	97	103	95	101	105	113	104	100	100	100	102	99
					66	51	44	46	32	45	51	20	40	16	23	2.13	0.6	25	18.4	3.2	82	30.0	78	29	-42	0.1	13.3	-11.9	-2.9	34.0	-3	13	0.71	0.41	-0.15
															33	72	54	46	51	44	47	51	27	48	11	43	41	36	20	40	40	35	15	17	15
JOY 260045	6020406028	8	JOY 230068		85	118	133	79	105	123	127	106	121	110	123	89	96	122	118	133	129	118	109	111	114	100	107	96	101	116	114	118	116	89	102
					66	57	47	47	34	47	55	20	42	18	54	2.16	-1.1	55	24.3	13.8	143	40.9	112	63	-60	0.3	17.1	-6.8	-0.7	41.6	8	29	2.28	-1.74	0.15
															32	72	55	47	57	47	50	52	25	29	14	34	33	37	22	42	32	29	17	18	17
JOY 260047	6020406044	2	SYF 220011		105	99	95	111	83	93	101	93	92	95	89	104	98	88	99	95	102	98	93	95	84	110	93	92	79	106	78	86	116	78	77
					67	58	48	48	34	48	56	32	45	36	8	0.51	-1.3	5	14.7	2.3	78	23.0	51	23	-11	0.9	8.9	-4.2	3.2	35.4	-20	1	2.29	-3.39	-2.01
															37	73	56	48	58	48	51	50	37	21	24	43	41	37	22	43	40	37	34	37	35
JOY 260048	6020406051	2	AG 210198		119	90	87	114	110	101	89	90	97	94	86	121	99	86	90	87	85	87	94	86	85	95	93	104	110	107	85	83	99	109	104
					65	51	39	39	29	42	49	21	38	20	5	-1.23	-1.5	2	9.4	-0.4	37	13.1	55	1	-12	0.0	8.7	-11.4	-2.3	36.3	-15	-1	0.54	1.47	0.25
															33	71	50	39	51	39	43	42	28	26	12	33	33	33	16	39	33	30	19	20	19
JOY 260051	6020406085	3	SYF 220011		112	93	99	120	96	102	100	90	98	92	82	112	99	83	93	99	102	90	90	95	81	100	90	99	91	110	78	85	102	79	83
					69	59	51	50	37	50	58	34	47	38	-1	-0.26	-1.4	-3	11.2	3.4	78	16.0	43	24	-5	0.3	6.9	-8.7	1.1	37.7	-20	0	0.85	-3.19	-1.52
															39	74	58	50	59	51	53	51	41	26	26	47	46	39	25	46	45	42	37	40	37
JOY 260052	6020406093	2	SYF 220011		94	114	106	91	109	116	114	95	112	103	108	97	95	108	114	106	113	111	96	109	89	110	101	104	104	110	91	97	113	80	80
					68	58	49	48	35	49	57	32	46	36	34	1.33	-0.9	34	22.3	5.6	105	35.1	65	58	-19	0.9	13.1	-11.5	-1.3	38.1	-10	11	2.01	-3.05	-1.79
															40	73	56	48	58	49	52	50	37	25	23	45	43	38	23	44	42	39	34	37	34
JOY 260055	6020406127	2	JOY 230068		94	112	112	84	81	99	113			104	118	95	103	117	112	112	111	111	103	111	107	106	109	79	83	108	107	106	104	91	97
					69	58	51	48	34	49	57			12	48	1.47	-1.9	47	21.1	7.5	100	34.7	92	62	-49	0.7	18.2	2.8	2.5	36.7	2	19	1.06	-1.36	-0.34
															31	74	57	48	58	51	52	53	19	26	9	28	27	36	21	44	27	24	11	12	11

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Inbreeding	Genomic	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 260056	2			JOY 230104		102	93	85	102	106	88	81			99	96	108	88	97	93	85	82	91	101	83	100	103	103	108	104	102	96	94	98	104	100
6020406135				JOY 190122		67	52	48	47	33	46	53			15	18	0.15	0.1	17	11.1	-1.0	29	17.4	84	-5	-37	0.5	14.6	-13.7	-1.4	33.3	-6	8	0.49	0.62	-0.08
																31	72	55	47	52	48	49	52	25	47	10	42	39	36	22	42	38	34	14	16	14
JOY 260057	2			JOY 230068		74	122	121	76	94	109	123			110	126	82	85	127	122	121	121	121	106	117	109	98	114	93	91	107	115	118	109	91	103
6020406143				JOY 200199		67	57	46	46	30	47	55			12	58	2.89	0.4	62	26.8	10.2	124	43.8	104	76	-52	0.2	21.1	-5.1	1.0	36.3	9	29	1.56	-1.38	0.21
																27	73	54	46	57	46	50	48	21	24	8	31	29	33	18	40	28	25	11	12	11
JOY 260061	2			AG 210198		110	95	104	106	93	99	98			95	94	111	99	92	95	104	103	92	96	91	89	106	101	92	91	110	83	86	100	98	98
6020406184				JOY 240095		66	52	40	39	30	43	50			18	15	-0.14	-1.5	10	12.0	4.9	80	18.2	63	15	-19	0.6	13.2	-4.8	1.0	38.0	-16	1	0.69	-0.19	-0.25
																33	72	51	39	52	40	44	42	25	25	12	31	31	33	17	39	31	28	17	18	17
JOY 260062	2			AG 210198		94	106	109	106	107	113	111			100	95	94	93	92	106	109	119	102	107	99	100	105	102	100	105	113	93	100	104	99	96
6020406218				JOY 240052		64	51	37	36	28	41	49			18	16	1.59	-0.6	10	18.1	6.5	119	26.3	104	34	-37	0.6	13.7	-8.8	-1.5	39.6	-9	13	1.08	-0.08	-0.37
																32	71	49	36	51	37	41	42	25	25	12	31	31	31	16	38	30	27	17	18	17
JOY 260063	1			AG 210198		89	108	100	101	111	108	105	93	104	98	98	92	84	97	108	100	110	104	98	96	96	103	99	102	109	110	91	93	101	99	101
6020406226				JOY 240084		65	51	40	40	31	43	50	20	38	19	20	1.82	0.5	17	19.3	3.8	97	28.8	72	25	-30	0.5	12.2	-10.3	-2.2	38.2	-10	7	0.75	-0.15	0.05
																35	71	51	40	51	40	44	42	27	22	12	32	32	34	18	40	31	28	18	20	18
JOY 260065	2			SYF 220011		108	95	92	104	107	99	92	83	94	89	91	111	96	95	95	92	92	91	83	96	76	108	93	110	100	106	80	80	101	81	81
6020406242				JOY 200126		67	57	48	47	33	47	56	30	44	34	12	-0.19	-1.1	14	12.5	1.3	53	16.7	14	25	2	0.8	8.7	-15.0	-0.5	35.7	-19	-4	0.75	-2.99	-1.69
																36	73	55	47	57	48	51	50	35	23	23	42	40	36	21	42	39	36	33	36	33
JOY 260066	1			JOY 230134		81	113	118	89	108	113	114			97	110	84	87	110	113	118	122	112	103	117	106	114	113	99	107	110	98	105	101	93	93
6020406259				JOY 230079		65	51	43	38	31	43	50			14	37	2.63	0.1	36	22.0	9.4	125	35.7	92	78	-47	1.1	20.7	-8.6	-1.7	38.1	-5	18	0.81	-1.08	-0.66
																29	71	50	38	51	43	44	49	23	48	11	43	41	35	20	38	39	34	13	14	13
JOY 260067	1			JOY 230134		85	115	116	93	109	117	118			97	106	85	94	106	115	116	123	110	105	114	110	116	113	103	107	109	101	108	100	96	93
6020406267				JOY 230006		65	51	41	38	31	43	50			14	32	2.53	-0.7	30	22.7	8.5	129	33.6	99	70	-53	1.2	20.7	-11.0	-1.8	37.1	-2	20	0.73	-0.59	-0.68
																29	71	51	38	51	41	43	49	24	48	12	44	41	35	20	39	40	34	14	15	14
JOY 260068	2			SYF 220011		99	95	85	101	103	87	84	90	86	90	93	102	93	98	95	85	84	92	88	95	75	107	92	103	105	100	76	76	96	77	80
6020406275				JOY 190184		68	58	50	49	35	49	57	34	46	36	14	0.81	-0.7	19	12.5	-0.9	34	17.7	33	25	4	0.7	8.2	-10.5	-1.4	31.8	-22	-8	0.26	-3.60	-1.79
																39	73	57	49	58	50	52	50	40	21	25	46	44	37	23	46	43	40	34	37	35
JOY 260069	3			JOY 230134		104	96	112	94	93	97	98			92	106	106	101	105	96	112	105	98	97	106	99	118	113	95	88	111	89	93	96	93	92
6020406283				JOY 230069		65	51	42	37	30	43	50			11	31	0.34	-1.7	29	13.0	7.5	84	23.1	69	50	-35	1.3	20.3	-6.2	1.6	38.6	-12	8	0.29	-1.00	-0.71
																26	71	50	37	51	42	43	49	18	50	9	42	40	34	18	37	38	33	11	11	11
JOY 260071	1			SYF 220011		94	99	92	108	105	95	93	89	93	93	88	100	78	91	99	92	97	99	87	95	78	108	97	106	101	105	83	82	99	86	85
6020406309				JOY 200180		67	57	47	47	33	47	55	30	44	34	7	1.03	1.3	8	14.5	1.2	66	24.1	30	24	-1	0.7	11.1	-12.5	-0.8	35.0	-16	-2	0.62	-2.19	-1.34
																34	73	55	47	57	47	50	50	36	19	22	43	41	36	20	42	40	36	33	36	33
JOY 260072	3			JOY 230068		95	112	130	74	90	111	121			108	131	99	102	129	112	130	118	112	107	109	110	111	109	92	87	107	113	115	108	86	95
6020406317				JOY 190140		67	57	48	47	33	47	56			12	65	1.06	-1.9	65	21.3	12.9	117	35.9	107	58	-53	0.9	18.0	-4.4	1.8	36.2	8	27	1.43	-2.14	-0.45
																29	73	55	47	57	48	51	52	18	27	10	27	26	36	21	43	26	23	12	13	12

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
JOY 260073 6020406325	2	AG 210198 JOY 240112		78 64	117 51	107 37	95 36	105 28	111 41	115 49	99 20	109 37	99 18	106 31	80 3.09	86 0.4	103 27	117 24.3	107 5.8	120 122	113 36.4	105 97	104 46	99 -34	99 0.3	103 14.3	97 -7.5	106 -1.6	110 37.7	94 -8	99 12	106 1.25	99 -0.14	96 -0.36	
JOY 260074 6020406333	2	AG 210198 JOY 240027		97 64	101 51	99 37	114 36	98 29	101 42	103 49	96 20	99 38	95 20	88 8	97 1.28	90 -0.2	86 1	101 15.3	99 3.3	108 92	97 22.1	102 87	97 27	95 -28	103 0.5	97 10.9	98 -7.8	94 0.5	111 38.5	85 -15	92 6	100 0.68	98 -0.21	98 -0.22	
JOY 260077 6020406366	2	JOY 230104 JOY 180114		101 67	96 52	95 49	101 47	105 33	95 46	90 53			93 14	96 19	103 0.69	97 -1.1	97 18	96 12.5	95 2.1	92 55	97 22.0	96 65	98 32	98 -33	100 0.3	106 16.5	107 -13.3	102 -0.8	103 33.5	94 -8	90 5	97 0.39	102 0.43	98 -0.20	
JOY 260079 6020406382	1	SYF 220011 JOY 190143		93 68	103 58	98 50	105 49	108 36	104 49	100 57	84 30	99 45	92 34	91 12	99 1.12	80 1.1	93 12	103 16.6	98 3.2	105 87	99 24.5	85 22	89 10	76 2	108 0.7	102 14.0	107 -12.9	102 -0.9	110 37.8	80 -19	81 -3	103 0.97	79 -3.23	83 -1.51	
JOY 260080 6020406390	3	JOY 230104 JOY 210152		93 66	96 51	108 46	97 47	99 31	93 45	91 52			96 14	99 22	102 0.81	78 1.3	101 24	96 12.7	108 6.1	102 78	96 21.1	95 62	86 2	95 -28	99 0.2	105 15.9	101 -9.5	93 0.7	110 38.0	95 -7	92 7	97 0.37	101 0.28	100 -0.02	
JOY 260081 6020406408	2	JOY 230104 JOY 190118		93 67	110 52	121 48	91 47	116 33	122 46	115 53	102 20	119 41	104 16	107 32	96 1.42	93 55	107 33	110 20.0	121 10.2	122 126	108 32.4	108 110	102 41	110 -53	93 -0.1	107 17.0	101 -9.4	117 -3.5	114 40.1	109 4	112 24	106 1.33	100 0.03	99 -0.11	
JOY 260082 6020406416	3	JOY 230104 JOY 200012		105 67	101 51	91 47	92 47	107 33	99 45	93 52	95 21	97 40	96 17	106 32	109 0.08	100 -1.5	108 33	101 15.5	91 1.0	90 48	104 28.5	101 81	110 60	104 -43	99 0.2	100 12.5	105 -11.8	105 -1.5	106 35.4	98 -5	99 13	101 0.80	102 0.34	97 -0.28	
JOY 260084 6020406432	3	JOY 230134 JOY 230057		92 65	103 51	111 42	95 38	101 31	102 43	102 50			94 13	103 28	95 1.50	90 -0.3	103 27	103 16.5	111 7.2	110 98	104 28.7	102 86	108 55	105 -44	116 1.2	107 17.2	96 -6.7	101 -0.7	109 37.4	95 -7	100 14	96 0.26	96 -0.51	94 -0.55	
JOY 260089 6020406465	1	AG 210198 JOY 240068		98 64	104 51	111 37	98 36	111 28	114 41	108 49			101 16	101 25	99 1.06	97 -1.2	100 22	104 17.3	111 7.2	114 107	103 27.4	105 99	96 25	99 -35	99 0.3	103 14.6	100 -8.9	110 -2.4	113 39.9	98 -5	101 14	102 0.85	101 0.21	101 0.06	
JOY 260091 6020406481	1	SYF 220011 JOY 200181		111 67	99 58	97 48	102 48	104 33	105 48	99 56	92 30	102 44	97 34	95 16	115 -0.55	98 -1.3	96 16	99 14.3	97 2.9	99 70	97 21.9	90 43	90 12	78 0	108 0.7	95 10.0	104 -11.2	98 -0.1	111 38.5	82 -18	85 0	104 1.08	84 -2.55	85 -1.35	
JOY 260092 6020406499	4	JOY 230104 JOY 180202		91 67	107 52	102 49	88 47	113 33	105 46	99 53			100 16	110 37	99 1.13	88 0.1	113 41	107 18.6	102 4.4	101 77	106 30.2	98 70	106 50	96 -31	91 -0.2	113 20.4	106 -12.7	112 -2.7	106 35.3	98 -5	97 11	106 1.29	98 -0.22	101 0.03	
JOY 260093 6020406507	2	JOY 230104 JOY 210215		94 65	97 50	92 43	96 45	103 30	89 43	86 50			93 14	99 22	98 1.14	90 -0.2	103 27	97 13.5	92 1.3	89 47	99 24.1	98 73	101 39	101 -38	87 -0.4	103 14.6	93 -5.0	108 -2.0	105 35.2	98 -5	95 9	101 0.74	98 -0.23	99 -0.15	

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 260094 6020406515	1			JOY 230068 JOY 190188		75 67	113 57	118 47	82 46	94 31	100 47	109 55			104 10	118 48	85 2.50 73	77 1.5 55	119 50	113 22.0 57	118 9.1 47	116 111 50	116 38.9	102 86 22	101 38 24	103 -41 8	105 0.6 31	109 18.4 30	93 -4.9 34	90 1.2 19	110 38.0 41	104 0 29	105 18 26	102 0.84 10	94 -0.86 11	101 0.02 10
JOY 260096 6020406531	2			AG 210198 JOY 240064		93 64	109 51	103 37	97 36	110 27	110 41	107 49			101 16	103 27	96 1.44 71	93 -0.6 48	102 25	109 19.5 51	103 4.6 37	109 96 41	105 29.6 42	104 94 24	99 32 25	100 -36 10	98 0.2 31	103 14.7 31	98 -8.1 31	111 -2.4 14	112 39.2 37	99 -4 30	100 14 27	101 0.81 16	101 0.16 17	102 0.10 16
JOY 260097 6020406549	1			SYF 220011 JOY 200123		91 68	105 58	99 49	102 49	105 36	102 49	101 57	86 30	98 45	94 34	94 16	95 1.52 73	85 0.5 56	96 17	105 17.7 58	99 3.3 49	106 87 52	99 23.8 50	86 27 36	85 -1 25	77 2 22	109 0.8 44	100 12.7 42	105 -12.1 39	99 -0.3 23	110 37.9 45	80 -19 41	82 -3 37	103 0.95 33	80 -3.03 36	81 -1.69 33
JOY 260103 6020406606	1			JOY 230104 JOY 200134		103 66	98 51	96 45	98 46	100 31	95 44	92 52	98 21	94 39	101 17	98 21	107 0.30 72	95 -0.9 54	101 23	98 13.8 51	96 2.4 45	94 58 47	99 24.3 51	102 86 29	87 5 47	97 -32 11	97 0.2 45	99 12.2 43	101 -9.8 35	98 -0.2 19	105 34.8 39	98 -5 41	98 12 37	99 0.62 16	107 1.24 18	104 0.30 16
JOY 260104 6020406614	2			JOY 230134 JOY 230085		97 55	108 51	115 43	91 39	97 31	109 42	112 49			97 14	108 35	97 1.30 58	102 -1.8 46	108 34	108 19.2 51	115 8.2 43	115 109 44	110 33.8 49	104 96 25	116 74 48	110 -53 12	115 1.1 44	109 18.1 41	94 -5.9 34	96 0.1 20	107 36.0 39	99 -4 40	106 19 35	101 0.74 14	95 -0.68 15	94 -0.54 14
JOY 260105 6020406622	2			JOY 230134 JOY 230085		97 55	108 51	115 43	91 39	97 31	109 42	112 49			97 14	108 35	97 1.30 58	102 -1.8 46	108 34	108 19.2 51	115 8.2 43	115 109 44	110 33.8 49	104 96 25	116 74 48	110 -53 12	115 1.1 44	109 18.1 41	94 -5.9 34	96 0.1 20	107 36.0 39	99 -4 40	106 19 35	101 0.74 14	95 -0.68 15	94 -0.54 14
JOY 260113 6020406705	1			AG 210198 JOY 240010		104 64	98 50	95 37	111 36	101 28	100 41	99 48			94 18	90 10	104 0.55 71	95 -1.0 49	88 5	98 14.1 50	95 2.1 37	100 74 41	95 20.1 42	99 75 24	96 27 24	93 -25 11	104 0.6 30	102 14.0 30	96 -6.6 31	99 -0.4 16	111 38.5 37	84 -16 29	88 3 27	100 0.72 17	99 -0.12 18	97 -0.28 17
JOY 260114 6020406713	3			JOY 230134 JOY 230018		75 65	112 51	131 42	89 37	80 30	100 43	116 50			98 12	111 39	78 3.26 71	83 0.7 50	110 36	112 21.3 51	131 13.3 42	131 148 43	113 36.8 49	103 89 19	111 63 49	104 -43 10	118 1.3 42	116 22.3 40	85 -0.5 34	76 3.6 18	109 37.5 37	94 -8 38	102 15 33	106 1.26 12	91 -1.45 12	92 -0.75 12
JOY 260115 6020406721	2			SYF 220011 JOY 210121		111 67	90 57	85 47	106 48	96 34	85 48	82 56	90 33	84 45	93 36	89 8	115 -0.58 73	95 -0.9 56	93 12	90 9.6 57	85 -0.9 47	80 26 51	91 17.0 50	88 34 40	105 47 30	77 2 24	100 0.3 47	87 5.1 45	92 -4.7 38	99 -0.4 21	104 34.3 43	77 -21 44	77 -6 41	105 1.13 35	88 -1.77 38	86 -1.24 35
JOY 260116 6020406739	5			JOY 230104 JOY 200128		120 66	76 52	90 47	103 47	106 32	82 45	68 53			87 15	93 14	147 -3.89 72	117 -3.9 55	96 16	76 2.2 52	90 0.7 47	71 3 49	81 7.7 52	87 31 25	87 4 48	89 -19 9	93 -0.1 42	108 17.4 40	105 -12.0 36	103 -1.1 20	106 35.3 41	87 -13 39	82 -2 34	94 0.12 14	98 -0.23 16	100 -0.05 14
JOY 260117 6020406747	15			JOY 230068 JOY 210109		107 66	104 57	118 46	81 46	85 31	102 47	109 55			100 10	121 51	111 -0.13 29	106 -2.4 54	121 53	104 17.1 57	118 9.1 46	107 90 50	106 30.3 51	96 64 18	112 64 30	101 -39 8	99 0.2 30	109 18.1 29	79 3.1 35	86 2.0 18	113 39.5 40	103 -1 28	101 14 25	101 0.82 10	90 -1.55 11	98 -0.20 10
JOY 260122 6020406788	3			JOY 230104 JOY 180122		95 67	102 52	94 49	93 48	99 33	92 46	92 53			102 15	105 31	100 0.99 72	90 -0.2 55	107 32	102 15.8 52	94 2.0 49	93 57 50	102 26.5 52	103 90 25	103 42 48	103 -42 10	100 0.3 42	110 18.9 40	98 -8.0 36	96 0.2 21	109 37.0 42	101 -2 38	102 15 34	106 1.31 14	101 0.17 16	100 -0.08 14

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Inbreeding	Genomic	Index	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 260125	2	SYF 220011				97	102	101	97	97	98	99	99	97	99	101	97	98	101	102	101	102	99	96	104	88	110	98	98	97	105	86	90	114	81	84
6020406812		JOY 190172				68	58	49	48	36	49	57	32	46	36	24	1.31	-1.3	24	16.0	4.2	79	24.1	64	45	-17	0.9	11.3	-8.1	0.0	34.8	-14	5	2.11	-2.95	-1.40
																38	73	56	48	58	49	52	50	37	23	24	44	42	38	24	45	41	38	35	37	35
JOY 260126	2	JOY 230068				75	119	116	77	93	103	116			106	125	81	88	126	119	116	115	119	103	114	106	99	109	95	89	107	108	109	106	90	101
6020406820		JOY 200146				67	57	47	46	31	47	55			12	57	2.95	0.0	60	24.9	8.7	111	41.9	90	71	-46	0.2	18.2	-6.4	1.5	36.3	3	22	1.26	-1.53	0.04
																26	73	54	46	57	47	50	50	20	24	8	30	28	34	18	40	27	24	11	12	11
JOY 260127	2	JOY 230104				120	85	95	97	107	93	80			96	99	126	100	102	85	95	81	90	98	96	95	97	105	106	103	105	93	92	96	105	104
6020406838		JOY 190176				66	51	46	47	31	45	52			14	21	-1.76	-1.5	25	7.0	2.1	27	16.1	70	27	-29	0.1	15.6	-12.7	-1.1	35.0	-8	6	0.27	0.80	0.28
																33	72	55	47	51	46	48	52	28	46	9	44	41	35	19	40	40	35	13	14	13
JOY 260129	1	SYF 220011				92	103	108	103	105	106	105	94	103	97	93	92	93	95	103	108	113	99	96	105	89	106	103	103	102	108	91	93	106	87	80
6020406853		JOY 170050				69	59	51	49	36	50	58	32	46	36	14	1.79	-0.7	15	16.7	6.2	104	24.2	64	48	-19	0.7	14.6	-11.0	-1.0	36.6	-11	7	1.26	-1.97	-1.74
																38	74	57	49	59	51	53	51	38	21	24	45	43	38	23	46	42	38	35	38	35
JOY 260132	2	AG 210198				91	114	103	88	100	107	111			103	113	92	99	112	114	103	108	110	106	99	101	96	103	87	105	111	100	103	105	99	101
6020406887		JOY 240065				64	51	37	36	27	41	49			16	40	1.83	-1.4	39	22.4	4.5	94	34.3	101	33	-38	0.1	14.5	-1.5	-1.4	38.2	-3	16	1.19	-0.12	0.07
																30	71	48	36	51	37	41	42	24	25	10	31	31	31	14	37	30	27	16	17	16

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv.	Calf Growth	Milk	Maint.	Fertility	Cow	Wean	Growth	Prod.	Carcass	Cow wt	Birth	Cow-Calf	Cow wt	Wean	Wean	Cow-Calf	Post	ADG	Veld	FCR	Skin	Scrotum	Heifer	Cow	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc	V	V	Value	V	V	Value	Calf V	Value	Value	V	-birth	wt	birth	-wean	dir	mat	wn	wn wt		growth		Thickn		Fert	Fert.						
JOY 110010		NPT 070222		131	72	75	136	87	76	71	61	69	63	70	133	100	70	72	75	61	72	62	83	69	119	88	102	94	76	73	54	69	97	89
73094856		JOY 080118		85	83	87	77	54	71	83	27	62	18	-17	-2.49	-1.5	-22	-0.3	-3.9	-20	0.4	-66	-6	15	1.4	5.9	-10.2	0.4	17.5	-24	-27	-2.41	-0.46	-1.00
														36	85	82	77	88	87	82	76	35	47	16	51	48	55	34	72	47	42	17	18	17
JOY 120027		JRP 050027		96	88	98	107	101	85	81	80	81	74	90	100	84	92	88	98	91	82	79	95	88	106	76	106	103	93	94	81	77	90	90
75006841		JOY 070117		84	82	87	78	54	71	83	28	62	25	10	0.94	0.6	10	8.3	3.1	51	8.6	1	24	-17	0.6	-1.8	-12.4	-1.1	27.5	-8	-4	-1.59	-1.46	-0.89
														41	84	81	78	82	87	82	80	30	27	25	32	31	56	37	69	31	30	25	25	25
JOY 120080		LAR 040377		99	90	109	119	119	109	96	103	108	95	83	103	82	84	90	109	108	85	105	89	108	115	104	124	113	100	107	100	84	99	100
76325240		JOY 060046		84	82	87	78	56	71	83	27	62	20	1	0.65	0.9	-2	9.7	6.4	93	11.2	98	9	-49	1.1	15.1	-23.0	-2.9	31.9	3	13	-0.88	-0.03	-0.09
														39	84	81	78	82	87	82	80	37	27	14	44	42	59	39	71	41	38	20	21	20
JOY 120109		LAR 040377		103	84	93	112	115	90	77	94	89	88	85	106	88	88	84	93	84	78	95	88	101	108	90	118	120	87	101	88	76	97	94
76325596		JOY 030027		84	82	87	76	54	71	82	26	62	23	3	0.37	0.0	4	6.2	1.4	34	5.0	60	7	-38	0.7	7.1	-19.2	-4.1	23.8	-3	3	-1.69	-0.40	-0.57
														35	84	81	76	82	87	82	79	36	48	13	52	49	56	35	71	41	37	22	24	22
JOY 120111		LAR 040377		114	89	102	98	117	104	89	100	103	93	98	115	108	100	89	102	92	87	101	126	108	111	94	121	110	102	113	100	77	109	96
76325703		JOY 000026		85	82	87	77	54	71	83	25	62	20	20	-0.54	-2.6	22	9.0	4.4	53	13.6	84	98	-50	0.9	9.2	-21.0	-2.4	33.1	8	13	-1.57	1.42	-0.36
														49	85	82	77	82	87	82	80	35	32	13	43	42	57	36	70	41	37	19	20	19
JOY 120118	1	NPT 070222		97	85	99	116	107	89	81	79	85	78	85	105	71	85	85	99	92	86	85	112	95	109	118	107	109	94	95	80	81	96	95
76325455		JOY 080008		83	82	86	75	52	70	82	24	61	14	3	0.45	2.4	0	7.0	3.3	55	12.9	22	66	-29	0.8	23.7	-13.3	-2.2	28.5	-7	-4	-1.19	-0.60	-0.46
														37	84	80	75	82	86	81	80	35	21	11	42	41	54	34	69	39	36	13	14	13
JOY 120168		NPT 090081		90	104	119	97	76	94	108	105	95	103	102	90	95	101	104	119	119	100	112	113	114	75	101	79	75	110	121	122	101	91	103
76326065		JOY 010020		84	81	87	76	49	70	82	23	61	15	26	2.05	-0.9	23	17.1	9.4	120	25.3	124	66	-60	-1.1	13.3	3.2	3.8	37.7	14	33	0.81	-1.30	0.18
														33	84	81	76	81	87	81	79	34	50	10	52	49	51	30	67	47	42	14	16	14
BP 130039	2	LAR 080020		111	103	85	100	84	91	99	95	90	92	100	107	119	100	103	85	90	108	102	115	113	97	102	100	83	91	103	105	100	97	103
78278702		BP 080048		81	79	83	77	52	69	80	36	62	29	23	0.27	-4.2	21	16.6	-1.0	49	31.9	85	73	-57	0.1	14.1	-8.8	2.5	26.4	-1	18	0.64	-0.42	0.23
														58	81	80	77	79	83	80	72	45	22	25	52	50	49	37	69	49	45	28	30	28
BP 130056	1	WCS 060011		108	85	142	108	100	111	105	97	108	97	87	108	99	89	85	142	130	88	97	85	93	120	95	109	98	92	90	94	92	109	112
78637881		BP 070007		83	82	86	79	54	71	83	42	65	32	6	0.14	-1.5	6	6.7	16.7	145	14.6	69	0	-25	1.4	9.6	-14.1	-0.3	27.2	-11	8	-0.16	1.45	1.00
														60	84	81	79	82	86	82	80	51	25	29	58	57	54	36	72	55	52	32	33	31
JOY 130042		NPT 070222		99	73	79	124	100	65	58	65	60	66	79	108	67	81	73	79	63	75	70	94	81	101	101	106	108	80	82	61	72	96	92
77173953		JOY 010029		82	80	85	72	49	68	80	22	59	12	-5	0.18	2.8	-6	0.2	-2.6	-17	2.5	-34	21	-5	0.4	13.2	-12.5	-2.0	19.5	-18	-21	-2.13	-0.64	-0.72
														33	83	78	72	80	85	79	76	33	18	10	39	38	49	30	68	37	33	12	13	12
JOY 130103		LDW 090128		82	99	117	97	109	101	99	88	98	86	99	79	95	100	99	117	114	97	90	123	100	96	95	112	106	101	100	97	91	99	95
78713179		JOY 080036		82	81	85	77	50	69	81	29	61	26	22	3.15	-0.9	23	14.6	9.0	107	21.9	43	91	-37	0.1	9.9	-15.8	-1.5	32.2	-3	11	-0.24	-0.05	-0.48
														34	83	80	77	81	85	81	80	34	47	21	51	48	53	30	68	46	41	25	28	25
JOY 130122	1	NPT 070222		127	77	104	113	107	98	84	72	91	67	86	125	115	86	77	104	88	83	79	114	90	101	110	113	106	96	92	77	75	95	93
78713369		JOY 060016		83	82	86	78	54	71	82	26	62	14	4	-1.66	-3.6	2	2.7	4.9	45	9.8	-2	71	-20	0.4	18.9	-16.4	-1.6	29.2	-9	-7	-1.77	-0.78	-0.62
														37	84	81	78	82	86	82	80	36	19	12	44	42	57	35	70	41	37	13	14	13

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
JOY 130173 78709359	13	JOY 080026 JOY 100003		116 82	89 80	90 84	98 76	85 49	82 68	84 81	83 24	79 59	84 10	98 21 40	113 -0.35 83	126 -5.0 79	101 23 76	89 9.1 80	90 0.7 84	81 27 80	90 16.2 78	89 37 34	118 79 15	96 -30 11	79 -0.8 42	91 7.6 40	61 13.1 51	108 -2.0 29	95 28.9 68	106 2 39	96 10 35	84 -0.91 10	98 -0.30 11	98 -0.20 9
JOY 130180 78709409		JOY 080026 JOY 080006		88 82	108 81	107 85	95 76	102 50	105 69	107 81	91 23	101 60	96 10	102 26 40	89 2.18 83	94 -0.7 80	103 27 76	108 19.4 81	107 5.8 85	112 102 81	102 26.6 80	97 67 32	111 64 14	101 -39 11	91 -0.2 39	98 11.6 38	90 -3.5 53	108 -2.0 30	100 31.9 68	119 12 36	109 22 33	91 -0.25 10	100 0.04 11	100 -0.03 10
JRP 130097 78440682	1	LDW 100112 JRP 100082		95 81	98 79	92 82	104 71	73 49	76 67	91 79	77 36	73 61	80 35	95 16 46	92 1.86 82	101 -1.7 77	95 14 71	98 13.8 79	92 1.2 82	94 58 77	85 11.6 68	81 6 43	69 -38 22	93 -25 25	89 -0.3 50	91 7.4 48	81 1.6 49	87 1.8 33	81 20.2 66	91 -10 47	87 2 44	101 0.79 34	78 -3.47 36	93 -0.66 34
JOY 140022 79543831		NPT 090081 JOY 050111		70 83	139 81	140 85	68 78	87 54	129 70	152 82	122 25	130 61	117 16	139 76 40	65 4.64 84	82 0.8 81	138 78 78	139 35.9 81	140 16.0 85	141 173 81	134 55.7 80	128 184 36	149 154 25	126 -80 11	101 0.4 43	122 25.8 42	89 -2.6 58	84 2.2 34	104 34.5 69	139 28 41	145 54 38	109 1.60 15	98 -0.34 17	105 0.39 15
JOY 140072 80679269	1	JRP 070022 JOY 090037		94 82	95 81	91 84	101 76	100 52	86 69	87 81	106 24	88 60	93 18	100 23 36	89 2.14 83	106 -2.3 79	97 18 76	95 12.4 81	91 1.0 84	89 47 80	95 20.3 75	110 117 31	115 71 18	110 -53 15	101 0.4 35	91 7.7 34	117 -18.7 54	96 0.2 34	89 25.0 69	101 -2 33	103 16 32	92 -0.13 18	83 -2.63 19	95 -0.46 18
JRP 140038 80644115	2	LAR 090281 JRP 090032		102 83	107 81	116 84	99 78	93 56	111 70	116 81	99 42	109 64	103 44	100 24 55	97 1.33 83	111 -3.0 81	99 20 78	107 18.4 81	116 8.5 84	120 122 81	103 28.0 79	105 99 54	90 11 52	106 -46 29	108 0.8 64	104 14.9 63	92 -4.4 59	94 0.5 40	108 36.7 68	112 7 62	109 22 55	99 0.62 43	105 0.81 45	96 -0.40 43
JOY 150022 81649378	2	NPT 090081 JOY 100154		76 81	135 80	106 83	80 78	76 52	107 69	134 80	113 26	109 60	110 18	125 57 37	61 5.08 82	86 0.3 79	123 56 78	135 33.5 80	106 5.4 83	122 126 80	126 48.2 78	118 146 37	127 102 24	119 -68 13	92 -0.1 44	112 19.8 42	81 1.6 55	84 2.2 33	91 26.5 67	120 13 41	129 39 38	110 1.71 17	90 -1.55 19	101 0.00 17
JOY 150028 81648420	1	NPT 090081 JOY 080085		89 82	113 80	119 83	90 77	87 52	107 69	118 80	109 26	108 60	108 16	111 38 45	89 2.10 83	98 -1.3 80	109 35 77	113 22.0 80	119 9.4 83	122 127 80	109 32.9 78	114 131 38	115 72 24	113 -59 12	91 -0.2 45	107 17.0 44	77 4.2 56	100 -0.6 32	97 30.2 67	123 15 43	125 36 39	105 1.16 15	93 -1.00 17	106 0.42 15
JOY 150036 81648685	1	KVB 080089 JOY 120100		110 83	97 81	125 85	109 79	72 57	101 71	114 82	101 35	100 64	93 28	91 12 50	106 0.35 83	109 -2.8 81	89 5 79	97 13.1 81	125 11.3 85	126 136 82	97 22.1 79	106 102 45	102 41 40	104 -43 23	109 0.8 52	102 13.9 50	78 3.7 60	79 3.2 41	92 26.9 70	96 -6 50	101 14 47	100 0.68 27	93 -0.98 28	85 -1.29 27
JOY 150066 82000670	4	JRP 070022 LAR 020360		84 82	125 81	64 83	93 75	88 53	90 69	106 81	109 28	92 61	102 22	115 43 45	62 4.96 83	96 -1.1 79	108 34 75	125 28.1 81	64 -7.4 83	88 45 80	115 38.3 80	109 115 36	126 98 18	110 -53 17	99 0.3 41	88 5.5 40	91 -4.1 57	90 1.2 31	100 31.8 68	105 1 40	110 23 37	113 2.02 21	83 -2.59 22	94 -0.55 21
JOY 150088 82889320	1	NPT 070222 JOY 060016		101 81	87 79	103 82	106 78	114 53	96 69	84 80	68 26	88 60	65 14	92 13 43	102 0.81 82	94 -0.8 80	92 11 78	87 7.9 79	103 4.8 82	94 60 80	90 16.2 78	75 -16 36	112 64 19	83 -9 12	94 0.0 44	106 16.5 42	119 -20.1 57	110 -2.3 34	101 32.7 68	92 -9 41	76 -8 37	75 -1.83 13	91 -1.33 14	92 -0.70 13
JOY 150090 82889346	1	JOY 120119 JOY 070084		113 81	96 79	92 82	99 77	68 52	80 68	94 80	99 22	81 59	96 16	102 26 45	109 0.02 82	122 -4.5 79	100 22 77	96 12.9 79	92 1.3 82	90 48 79	94 19.5 77	101 83 29	96 27 28	104 -43 14	106 0.7 37	101 13.6 35	68 9.4 55	79 3.2 34	98 30.8 67	103 -1 34	99 12 31	95 0.15 16	95 -0.79 17	95 -0.45 16

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 150092 82889361	1	NPT 070222 JOY 040016		93 82	93 81	146 85	103 78	110 54	118 70	110 82	86 26	112 61	86 14	92 13 40	95 1.45 83	86 0.3 80	93 12 78	93 11.2 81	146 17.8 85	138 166 81	96 21.1 80	94 57 36	114 69 22	101 -39 12	106 0.7 44	126 28.2 42	110 -14.9 59	107 -1.8 35	104 34.5 69	110 5 41	102 15 37	91 -0.26 13	96 -0.63 14	95 -0.48 13
JOY 150118 82889601	1	JOY 120119 JOY 080136		72 81	104 79	102 82	98 75	86 52	81 68	92 79	102 22	83 59	99 20	103 28 38	81 3.00 82	66 2.9 78	100 22 75	104 16.9 79	102 4.3 82	105 85 79	100 25.4 76	103 90 26	103 42 30	105 -45 17	114 1.1 33	96 10.5 32	93 -5.2 53	88 1.6 34	95 28.8 68	109 4 31	105 18 29	97 0.36 19	95 -0.76 20	92 -0.72 19
JOY 150138 82889809	1	KVB 080089 JOY 110172		93 81	102 79	87 83	128 77	86 55	93 69	103 80	92 34	91 62	84 26	83 1 43	92 1.80 82	82 0.8 79	77 -12 77	102 16.2 79	87 -0.3 83	104 84 80	101 25.8 78	99 74 44	109 58 33	97 -32 23	106 0.7 48	92 7.9 47	95 -6.5 58	80 3.0 40	104 34.1 67	82 -18 47	88 3 44	98 0.49 26	89 -1.64 27	85 -1.28 26
JOY 150140 82889858	1	KVB 080089 JOY 110144		94 81	102 78	112 81	114 77	57 56	86 69	110 79	97 36	86 62	94 28	91 12 51	94 1.61 82	87 0.1 79	86 1 77	102 16.0 78	112 7.4 81	122 126 79	101 26.1 78	100 81 45	96 26 52	98 -34 24	109 0.8 57	94 9.0 55	67 9.9 60	63 6.0 40	98 30.6 68	91 -10 54	97 11 50	100 0.71 27	95 -0.73 28	86 -1.27 27
JOY 150157 82890021	1	NPT 090081 JOY 050039		71 81	123 80	124 83	78 79	72 53	98 69	124 81	109 27	99 61	108 16	124 56 44	69 4.25 82	77 1.4 80	125 58 79	123 27.2 80	124 10.9 83	125 133 81	117 40.3 79	114 131 36	108 54 24	114 -59 15	94 0.0 43	105 16.0 41	69 8.6 59	79 3.2 33	105 34.6 68	129 20 40	132 42 37	106 1.25 15	94 -0.87 17	103 0.24 15
JRP 150030 82285677	2	LAR 070055 JRP 040040		83 82	122 79	118 83	75 77	94 58	111 70	126 80	100 48	109 66	97 47	128 62 58	66 4.49 83	104 -2.1 80	128 64 77	122 26.5 79	118 9.3 83	118 116 80	118 41.4 77	104 93 55	106 51 32	117 -64 41	83 -0.6 58	86 4.5 57	91 -3.9 58	99 -0.4 46	96 29.3 70	117 10 57	121 33 55	125 3.20 46	78 -3.42 48	113 1.02 47
JOY 160014 83545939	1	NPT 070222 JOY 060084		97 81	87 80	109 84	103 77	90 53	83 69	83 81	76 28	78 61	78 16	93 14 37	108 0.18 82	73 2.0 79	95 14 77	87 7.7 80	109 6.4 84	98 68 80	89 14.9 78	84 18 38	83 -6 21	93 -24 16	108 0.8 45	117 23.2 43	99 -8.5 57	96 0.2 35	88 24.5 68	95 -7 42	83 -1.00 16	97 -0.45 17	93 -0.61 16	
JOY 160016 83545954	1	NPT 070222 JOY 100107		106 82	81 81	121 84	104 79	115 55	102 70	86 81	79 26	96 61	79 17	92 12 64	114 -0.47 83	85 0.5 81	93 12 79	81 4.9 81	121 10.2 84	104 83 81	85 11.6 80	83 16 38	90 11 29	89 -18 11	106 0.6 48	121 25.0 46	119 -20.1 59	108 -2.1 36	99 31.5 69	88 -13 45	76 -8 41	81 -1.23 16	94 -0.93 18	95 -0.51 16
JOY 160028 83546069	1	LDW 090128 JOY 110054		95 82	116 80	111 82	88 76	117 51	124 69	119 80	99 30	120 61	105 26	112 39 48	93 1.68 83	107 -2.5 79	112 39 76	116 23.4 80	111 7.0 82	117 113 79	104 28.2 78	110 116 37	104 45 33	116 -63 21	104 0.5 48	124 27.1 46	118 -19.6 55	108 -1.9 32	108 36.6 67	121 13 45	120 32 40	108 1.50 25	99 -0.09 28	98 -0.24 26
JOY 160033 83545822	1	NPT 070222 JOY 050149		102 82	87 78	108 81	120 76	94 52	93 68	93 79	68 28	86 60	74 15	81 -2 47	103 0.71 83	90 -0.2 79	83 -3 76	87 7.8 78	108 6.3 81	104 84 78	83 9.4 78	77 -6 38	88 6 46	84 -10 15	108 0.8 53	110 18.6 50	87 -1.7 54	106 -1.6 33	96 29.3 68	86 -14 49	77 -7 43	80 -1.34 14	96 -0.56 16	91 -0.81 14
JOY 160056 83546325	13	JOY 120119 JOY 130058		87 81	112 79	87 82	87 77	88 53	87 69	97 80	114 22	91 60	113 18	119 49 65	89 2.10 82	95 -0.9 79	115 44 77	112 21.2 79	87 -0.2 82	93 55 79	103 27.3 76	116 141 29	84 -3 30	113 -58 13	119 1.4 37	112 20.1 35	99 -8.6 56	82 2.7 36	102 33.2 68	107 2 34	108 21 32	102 0.91 17	101 0.24 19	95 -0.46 18
JOY 160076 83546515	1	KVB 080089 JOY 130085		115 82	87 79	106 82	123 77	78 57	91 69	99 80	94 35	90 62	85 28	84 2 45	110 -0.08 83	111 -3.1 80	81 -6 77	87 8.1 79	106 5.5 82	104 82 79	87 13.8 77	100 77 45	101 38 34	99 -36 23	112 1.0 50	96 10.6 49	80 2.4 61	81 2.8 41	102 33.2 68	88 -13 49	91 6 46	94 0.10 27	94 -0.93 28	86 -1.28 27

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 160133 84675966	4	JOY 130002 JOY 110025			113 81	108 79	116 83	89 78	111 52	125 69	117 80	88 22	118 60	97 20	112 39	114 -0.50	110 -2.9	110 36	108 19.0	116 8.7	115 109	98 23.4	91 43	83 -4	95 -28	97 0.1	114 21.0	101 -9.9	103 -1.0	119 43.3	100 -3	95 9	100 0.68	84 -2.45	98 -0.26
JOY 160207 84676642	1	LDW 090128 JOY 100054			93 81	103 80	103 81	92 76	106 50	101 68	99 80	94 34	98 61	85 29	107 33	93 1.68	98 -1.3	107 33	103 16.8	103 4.7	102 78	99 24.2	101 84	109 56	111 -54	101 0.4	111 19.3	102 -10.1	107 -1.8	103 33.4	102 -1	99 13	93 0.03	90 -1.45	91 -0.78
JOY 170002 85323277	2	KTB 130110 JOY 120104			81 81	121 80	135 82	82 76	112 50	130 68	132 80	112 25	129 59	100 16	122 53	74 3.69	100 -1.6	119 49	121 26.1	135 14.4	135 159	116 39.3	117 144	137 125	124 -77	84 -0.6	117 22.9	90 -3.4	121 -4.3	112 39.1	121 14	122 34	102 0.84	85 -2.37	92 -0.71
JOY 170014 85416139	1	AG 070457 JOY 110054			101 81	99 79	118 82	109 78	107 56	114 69	109 80	97 41	111 63	89 38	88 8	101 0.85	94 -0.8	89 6	99 14.2	118 9.3	122 126	101 25.9	105 97	139 130	114 -59	109 0.8	107 16.9	111 -15.5	105 -1.4	101 32.2	103 -1	106 19	91 -0.19	88 -1.91	101 -0.01
JOY 170046 85323558	2	KVB 080089 JRP 140033			109 80	107 78	80 81	103 78	83 56	93 69	102 79	95 40	92 63	86 34	101 25	108 0.15	128 -5.3	97 17	107 18.9	80 -2.5	91 52	104 28.3	100 80	114 70	107 -48	93 -0.1	91 7.5	100 -8.8	81 3.1	93 27.6	83 -16	92 7	113 2.01	83 -2.58	95 -0.51
JOY 170050 85324127	1	LDW 090128 JOY 130085			80 81	112 78	131 81	89 77	108 51	118 68	119 79	109 31	117 61	104 28	108 34	75 3.60	95 -0.9	109 36	112 21.3	131 13.3	131 148	106 30.5	116 138	118 80	120 -70	97 0.2	118 23.6	101 -9.5	106 -1.6	109 37.5	122 15	123 34	103 0.98	102 0.38	97 -0.31
JOY 170053 85416212		AG 070457 JOY 120107			119 81	97 79	96 81	102 76	110 54	109 68	100 79	87 41	104 63	84 38	94 16	115 -0.57	117 -3.9	96 17	97 13.2	96 2.6	96 62	94 19.6	91 44	124 94	99 -34	101 0.4	100 12.6	107 -13.0	107 -1.9	109 37.0	87 -13	87 3	85 -0.77	91 -1.37	96 -0.35
JOY 170054 85323590	2	KTB 130110 JOY 100154			88 80	107 77	104 79	100 73	93 48	98 66	105 77	101 26	98 58	92 16	100 23	88 2.22	122 -4.5	99 20	107 18.8	104 4.9	111 100	103 27.5	103 92	123 90	114 -60	82 -0.7	108 17.4	87 -1.8	102 -0.9	97 30.2	104 0	105 18	99 0.54	83 -2.64	95 -0.48
JOY 170074 85416063	1	AG 070457 JOY 120168			104 80	97 78	114 81	114 78	88 54	104 68	109 79	99 41	102 63	94 38	85 4	102 0.74	99 -1.4	85 0	97 13.4	114 8.1	119 120	92 17.9	104 96	99 33	105 -45	84 -0.5	92 8.1	93 -4.9	82 2.6	113 39.6	98 -5	106 19	95 0.16	87 -2.06	102 0.11
JOY 170108 86431897	1	JOY 120119 JOY 110025			92 80	107 78	110 81	89 77	89 52	97 68	104 79	101 22	97 59	100 20	115 44	95 1.53	94 -0.8	111 38	107 18.5	110 6.8	109 94	102 27.1	101 84	96 25	103 -42	112 1.0	98 11.6	92 -4.7	84 2.3	110 37.8	102 -1	101 14	99 0.54	93 -1.11	93 -0.61
JOY 170111 86431921	4	KVB 080089 BP 130039			109 80	96 78	99 80	124 76	70 54	90 68	104 78	92 37	88 62	88 29	83 1	107 0.24	98 -1.3	81 -7	96 12.6	99 3.4	107 89	101 26.1	99 74	100 36	101 -38	106 0.6	97 10.9	88 -2.1	68 5.1	94 28.2	85 -15	93 7	104 1.05	93 -1.11	88 -1.04
JOY 170112 86431939	4	JOY 130002 JOY 090049			126 80	99 78	92 79	86 76	103 52	105 67	97 78	93 21	102 58	94 18	118 47	127 -1.83	118 -4.0	115 45	99 14.7	92 1.4	86 40	98 22.8	96 64	94 21	101 -38	105 0.6	112 20.0	108 -13.7	99 -0.4	104 34.0	97 -5	94 8	91 -0.17	85 -2.27	99 -0.14

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
JOY 170117 86431988	1	JOY 130002 JOY 110085		80 81	123 80	118 81	86 77	106 52	122 69	127 80	98 22	118 60	103 20	119 48 63	77 3.43 82	97 -1.2 78	114 43 77	123 27.4 80	118 9.3 81	127 140 79	120 42.6 78	101 85 29	115 72 34	105 -45 14	101 0.4 40	117 23.0 38	103 -10.8 56	100 -0.6 35	112 39.2 66	103 -1 37	106 19 34	110 1.70 20	82 -2.83 21	93 -0.65 20
JOY 170126 86431798		KVB 080089 JOY 140129		90 80	96 79	98 82	102 78	80 54	78 69	88 80	90 33	77 62	80 26	99 22 64	95 1.55 81	83 0.7 79	96 16 78	96 12.7 79	98 3.1 82	96 64 80	101 25.6 77	95 59 42	109 56 33	97 -31 22	110 0.9 46	94 8.9 46	96 -6.8 59	75 3.8 38	100 31.9 66	87 -13 45	88 3 43	90 -0.27 25	92 -1.17 26	85 -1.29 25
JOY 170129 86431830	1	JOY 130002 JOY 110050		92 81	107 78	107 79	92 76	110 52	109 68	105 78	96 22	106 59	99 18	106 32 43	94 1.62 82	95 -1.0 78	107 32 76	107 18.7 78	107 5.8 79	108 93 78	100 24.9 78	98 73 29	110 60 40	104 -43 11	103 0.5 40	113 20.3 39	110 -15.1 55	109 -2.1 34	98 30.9 66	104 0 38	101 14 35	95 0.20 17	92 -1.13 19	99 -0.15 17
JOY 170134 86432051	2	GCD 140143 JOY 150036		101 81	115 79	129 81	87 77	107 54	130 69	128 79	108 31	127 61	107 24	113 40 52	98 1.14 82	109 -2.9 79	112 39 77	115 22.7 79	129 12.7 81	130 146 79	114 37.1 78	115 134 40	115 72 43	117 -65 19	109 0.8 51	102 14.0 49	89 -2.9 59	111 -2.5 36	111 38.3 66	113 7 48	121 33 44	108 1.51 23	94 -0.85 25	92 -0.77 23
JOY 170144 86432150	1	GCD 140143 JOY 150034		76 80	133 78	149 79	79 78	97 51	139 67	152 78	116 28	137 59	117 22	122 54 50	65 4.59 81	85 0.4 78	121 53 78	133 32.6 78	149 18.8 79	155 206 78	131 52.4 78	124 170 38	125 96 52	126 -79 16	103 0.5 54	110 18.9 52	90 -3.1 58	100 -0.6 32	105 35.0 64	132 23 51	143 52 45	113 2.02 20	95 -0.75 23	101 0.05 21
JOY 170145 86953684	1	GCD 140143 JOY 150038		74 80	117 76	112 76	95 75	115 51	117 66	115 76	104 28	115 58	103 22	105 31 44	69 4.26 81	72 2.1 77	103 26 75	117 24.0 76	112 7.5 76	124 132 76	116 39.1 75	111 122 36	108 56 34	115 -61 17	102 0.4 44	97 10.9 43	110 -14.9 56	113 -2.9 33	104 34.2 65	112 6 42	116 28 39	103 0.94 21	93 -1.01 23	97 -0.28 21
JOY 180004 87091112	1	AG 070457 JOY 130058		89 80	107 78	111 81	100 78	114 56	114 69	108 79	109 41	113 63	103 39	99 22 68	96 1.44 81	78 1.4 79	97 18 78	107 18.7 78	111 7.1 81	118 116 79	102 26.5 77	113 130 50	113 67 34	113 -57 31	107 0.7 53	106 16.5 53	115 -17.9 61	107 -1.8 40	104 34.3 67	99 -4 52	109 21 51	95 0.16 38	95 -0.81 40	100 -0.09 38
JOY 180015 87091229	1	JOY 130002 JOY 140025		94 80	107 78	98 79	90 76	96 51	97 67	100 78	100 20	97 58	98 17	111 38 63	98 1.21 81	93 -0.7 77	110 36 76	107 18.8 78	98 3.2 79	100 73 78	108 32.0 77	106 102 29	131 110 52	113 -58 10	94 0.0 50	122 25.6 47	84 -0.2 55	102 -0.9 33	108 36.5 64	109 4 46	111 24 40	101 0.80 16	87 -1.97 18	102 0.09 16
JOY 180022 87091294	13	JOY 120119 JOY 110067		77 80	107 77	108 77	92 76	106 52	99 67	100 77	111 22	100 58	106 18	108 35 62	79 3.12 81	86 0.3 77	107 32 76	107 18.6 77	108 6.1 77	109 95 77	100 24.8 76	113 128 29	111 63 50	115 -60 14	118 1.3 47	110 18.6 45	112 -16.1 55	101 -0.8 35	102 33.0 66	113 7 43	112 24 38	99 0.56 18	97 -0.41 19	94 -0.55 18
JOY 180040 87091476	1	JOY 130002 JRP 130012		114 80	110 78	107 81	99 78	104 53	122 68	120 79	93 29	117 60	92 28	103 27 65	110 -0.12 81	115 -3.6 78	99 21 78	110 20.1 78	107 5.8 81	115 110 79	100 25.2 77	95 62 35	139 129 36	109 -51 21	93 -0.1 44	106 16.4 43	107 -12.9 58	94 0.5 37	106 35.6 65	100 -3 42	102 15 39	110 1.72 27	73 -4.21 28	102 0.12 27
JOY 180041 87091484	7	JOY 130002 JOY 110147		81 79	119 77	98 78	88 76	69 51	88 67	109 77	89 20	86 58	97 16	112 40 63	92 1.86 80	75 1.8 76	112 40 76	119 25.1 77	98 3.1 78	109 94 77	107 31.6 76	90 42 27	108 54 52	96 -30 10	113 1.1 48	112 19.9 46	64 11.8 55	76 3.7 34	105 34.9 64	104 0 44	98 12 39	97 0.41 15	88 -1.78 17	101 0.06 15
JOY 180050 87091567		JOY 120119 JOY 080006		83 80	106 78	118 79	89 76	100 52	103 67	106 78	106 20	103 58	98 16	112 39 61	86 2.46 81	91 -0.4 77	109 36 76	106 18.2 78	118 9.4 79	116 111 78	103 27.7 74	107 107 26	136 124 29	113 -58 12	115 1.2 33	108 17.3 32	106 -12.3 56	94 0.6 35	102 32.9 66	112 7 31	107 20 29	93 -0.06 15	99 -0.07 16	97 -0.28 15

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 180114 88174073		JOY 120119 JOY 130122		105 80	96 78	104 79	99 75	101 52	99 67	96 78	94 22	97 58	90 16	102 26	101 0.91	110 -3.0	100 21	96 12.7	104 4.9	100 72	96 21.4	97 68	104 45	102 -40	111 0.9	109 18.1	110 -14.9	96 0.2	101 32.4	98 -4	93 7	92 -0.09	95 -0.76	93 -0.64
JOY 180129 88185020	2	GCD 140143 JRP 150074		86 80	122 77	97 79	81 77	116 52	116 67	116 78	106 34	115 60	103 29	120 51	84 2.64	106 -2.3	122 54	122 26.6	97 2.7	105 87	121 43.6	109 113	113 68	120 -69	107 0.7	94 9.3	115 -17.6	107 -1.8	111 38.4	108 3	113 26	113 1.95	88 -1.85	92 -0.77
JOY 180132 88185046	1	GCD 140143 JOY 150075		78 78	128 77	134 77	81 75	96 52	127 66	140 77	105 36	124 60	107 31	122 53	73 3.82	92 -0.6	120 51	128 30.0	134 14.1	140 170	123 45.9	110 118	105 48	121 -72	95 0.1	96 10.2	83 0.8	101 -0.8	106 35.7	121 13	126 37	117 2.39	85 -2.34	103 0.23
JOY 180137 88174180		JOY 120119 JOY 110054		82 80	115 77	106 77	79 76	101 53	102 67	110 77	106 22	103 58	110 16	126 58	84 2.62	97 -1.1	124 57	115 23.1	106 5.6	106 88	111 34.8	111 120	92 18	112 -56	124 1.6	117 22.8	109 -14.0	97 0.0	99 31.2	114 8	115 27	107 1.38	94 -0.88	97 -0.33
JOY 180139 88185053	1	GCD 140143 JRP 150030		79 79	132 77	140 78	65 76	108 53	137 67	149 77	108 36	133 61	110 31	140 77	69 4.23	103 -2.0	142 84	132 32.3	140 15.8	134 154	129 51.0	114 132	112 65	123 -75	95 0.0	95 9.8	91 -3.9	109 -2.1	111 38.3	126 18	134 44	122 2.90	87 -2.07	105 0.39
JOY 180143 88185087	3	GCD 140143 JOY 150103		76 78	117 77	147 77	88 75	100 51	125 66	130 77	101 31	122 59	104 24	110 37	83 2.78	77 1.5	109 35	117 24.0	147 18.2	149 191	117 40.0	109 113	89 8	110 -52	108 0.8	105 15.8	87 -1.9	107 -1.8	103 33.8	110 5	117 28	108 1.51	94 -0.91	91 -0.80
JOY 180149 88185095	3	GCD 140143 JOY 150134		78 79	129 77	139 78	80 76	99 52	132 67	144 77	110 30	130 60	111 24	121 52	74 3.73	94 -0.7	120 52	129 30.6	139 15.6	144 180	127 49.0	119 152	106 49	119 -69	109 0.8	103 14.8	82 1.4	103 -1.1	113 39.5	116 9	124 35	111 1.76	99 -0.09	90 -0.92
JOY 180185 88185160	2	GCD 140143 JOY 150169		69 78	148 78	149 78	67 75	80 51	139 67	152 78	151 30	145 60	132 24	141 78	56 5.62	77 1.6	139 80	148 40.5	149 18.8	154 203	145 65.2	138 222	126 99	132 -89	118 1.3	117 22.8	78 3.7	74 4.0	116 41.8	145 33	152 60	126 3.28	94 -0.96	102 0.09
JOY 180202 88185178	1	JOY 130002 JRP 130069		71 80	127 77	121 79	74 75	117 51	124 67	128 77	99 24	120 58	103 20	129 63	75 3.64	84 0.5	131 67	127 29.4	121 10.2	123 128	121 43.4	100 78	119 82	99 -35	93 -0.1	122 26.0	108 -13.6	116 -3.4	107 36.1	105 1	106 19	110 1.72	87 -2.06	98 -0.19
JOY 190006 88740477	1	LAR 120230 JOY 120084		81 79	119 77	89 77	76 75	114 51	103 66	107 77	110 36	104 60	100 26	124 55	76 3.46	105 -2.2	129 65	119 25.0	89 0.3	94 59	113 36.3	112 125	112 64	105 -46	100 0.3	113 49	104 -11.3	125 -5.0	94 28.3	103 48	103 46	94 0.04	77 -3.56	95 -0.47
JOY 190017 88740709	1	LAR 120230 JOY 120070		93 79	105 77	61 77	102 75	113 51	88 66	84 77	101 36	89 60	93 25	95 16	89 2.08	102 -1.8	98 20	105 17.8	61 -8.1	72 7	102 26.6	103 92	109 58	100 -36	96 0.1	108 17.3	105 -11.8	128 -5.5	86 23.5	92 -9	89 3	85 -0.77	82 -2.72	97 -0.34
JOY 190019 88740725	3	GCD 140143 JOY 160111		73 78	131 77	131 77	81 75	104 51	130 66	139 77	109 31	128 59	108 24	123 54	63 4.88	77 1.5	120 51	131 31.4	131 13.2	140 169	129 51.2	114 133	123 91	118 -67	108 0.8	100 13.0	100 -8.9	102 -1.0	105 35.1	116 10	123 34	109 1.54	93 -1.11	92 -0.74

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 190034 88740600	1	JOY 130002 JOY 150041			99 79	110 78	103 79	81 77	94 52	101 67	107 78	97 24	100 58	98 20	120 51 63	104 0.55 80	99 -1.4 77	121 53 77	110 20.5 78	103 4.5 79	101 75 78	110 34.0 76	99 75 32	122 89 53	103 -41 14	108 0.8 51	112 20.0 49	98 -7.7 57	85 2.0 36	112 38.9 64	94 -8 47	97 11 42	103 0.94 20	86 -2.20 21	93 -0.65 20
JOY 190042 88740824	2	JRP 150031 JOY 130034			79 78	115 76	134 76	99 75	69 49	104 65	126 76	116 26	107 57	115 25	102 26 64	83 2.72 80	79 1.3 76	98 19 75	115 22.7 76	134 14.0 76	144 180 76	112 35.9 76	117 144 33	90 13 24	120 -70 19	107 0.7 37	109 18.0 36	87 -1.4 53	64 5.9 32	100 32.1 61	119 12 36	125 36 34	125 3.19 24	92 -1.21 26	104 0.32 24
JOY 190043 88740832	2	JOY 130002 JOY 150053			131 79	104 77	126 78	106 77	94 51	133 67	131 77	88 24	125 58	97 20	95 16 63	128 -1.96 80	133 -6.0 77	91 9 77	104 17.2 77	126 11.7 78	133 153 77	98 23.0 78	95 61 32	84 -2 53	94 -27 14	105 0.6 51	124 27.2 49	90 -3.2 56	90 1.2 35	112 39.3 63	89 -12 47	95 9 42	105 1.20 19	86 -2.13 21	93 -0.66 19
JOY 190045 88740857	1	LAR 120230 JRP 100038			92 79	101 78	98 79	92 77	77 53	80 67	93 78	102 42	82 62	99 32	102 26 67	90 1.99 80	102 -1.9 77	107 33 77	101 15.4 78	98 3.1 79	95 62 78	97 22.0 78	100 80 51	99 33 49	99 -35 31	95 0.1 60	101 13.2 58	79 2.8 57	81 2.9 36	103 33.8 66	95 -7 57	95 9 54	103 1.02 31	78 -3.45 34	105 0.36 31
JOY 190047 88740873	1	LAR 120230 JRP 110022			77 79	116 78	108 79	71 76	88 51	92 67	110 78	115 38	95 61	111 26	128 61 65	69 4.19 80	95 -0.9 76	135 74 76	116 23.5 78	108 6.2 79	103 80 78	114 37.9 76	113 129 48	102 40 48	101 -39 26	95 0.0 58	106 16.6 57	76 4.8 55	103 -1.1 33	99 31.2 64	108 3 56	109 22 52	101 0.75 24	87 -1.97 27	102 0.14 24
JOY 190049 88740899		JOY 130002 JOY 150010			76 78	116 77	127 77	85 75	97 50	111 66	118 77	96 20	108 57	102 18	113 41 63	80 3.11 79	87 0.2 75	114 43 75	116 23.3 77	127 11.9 77	127 140 76	109 33.4 74	101 84 27	103 43 33	101 -39 11	94 0.0 38	112 20.0 36	99 -8.5 54	94 0.4 32	100 32.0 63	105 1 36	110 23 32	107 1.41 17	82 -2.85 19	98 -0.23 17
JOY 190053 88740931	1	JRP 150031 JOY 100053			91 78	114 77	112 78	106 74	75 48	105 66	123 77	104 25	104 58	105 24	94 16 62	90 2.07 80	92 -0.5 75	91 9 74	114 22.7 77	112 7.5 78	130 147 76	107 31.5 76	105 99 30	88 6 47	112 -57 19	109 0.8 45	103 14.3 43	87 -1.6 51	72 4.3 32	98 30.5 62	114 8 42	114 26 38	118 2.45 23	89 -1.72 24	98 -0.19 23
JOY 190054 88740949	4	JOY 120119 JRP 140038			82 79	118 78	122 79	86 76	92 52	112 67	123 78	113 28	113 59	114 26	117 46 63	80 3.09 80	100 -1.6 76	113 41 76	118 24.8 78	122 10.5 79	127 138 78	115 38.1 76	116 139 35	104 45 53	114 -60 19	113 1.1 52	114 21.4 49	96 -6.8 55	92 0.9 36	103 33.8 64	114 8 48	118 29 42	109 1.59 26	100 0.02 27	95 -0.50 26
JOY 190058 88740980	1	JOY 120119 JOY 110165			89 78	108 77	93 79	77 76	87 51	82 67	97 77	109 21	85 58	103 18	128 62 63	83 2.72 79	114 -3.5 76	128 64 76	108 19.0 77	93 1.5 79	88 44 77	107 30.9 76	110 116 27	119 83 49	112 -57 14	111 0.9 46	104 15.2 43	99 -8.3 55	80 3.1 34	106 35.2 64	103 -1 42	105 18 37	101 0.77 17	91 -1.32 18	95 -0.46 17
JOY 190105 89764468	1	GCD 140143 JOY 170050			81 79	118 77	136 76	80 75	121 51	132 66	128 77	109 30	129 59	106 24	119 49 46	80 3.02 80	101 -1.7 76	121 52 75	118 24.6 77	136 14.6 76	132 151 76	117 39.9 76	116 140 38	123 92 35	124 -75 19	101 0.4 47	108 17.3 46	104 -11.3 57	120 -4.1 33	116 41.5 62	123 16 45	127 38 41	105 1.15 23	99 -0.15 26	97 -0.32 23
JOY 190106 89764476	2	GCD 140143 JOY 160189			81 77	133 76	140 75	74 75	111 50	143 65	150 76	117 28	141 58	119 22	130 64 45	81 2.95 79	102 -1.8 75	129 64 75	133 32.7 76	140 15.9 75	142 176 75	131 52.4 76	120 157 36	131 110 36	123 -75 17	107 0.7 45	106 16.2 44	97 -7.6 56	109 -2.2 32	115 40.9 62	124 16 43	133 43 39	117 2.42 21	95 -0.70 24	99 -0.11 21
JOY 190108 89764492	2	GCD 140143 JOY 160193			91 78	120 76	101 76	89 76	103 50	115 66	119 76	105 28	113 58	107 23	112 40 51	89 2.12 80	105 -2.2 76	111 38 76	120 25.6 76	101 4.1 76	113 104 76	113 36.4 75	109 112 37	90 11 36	111 -54 17	107 0.7 46	96 10.6 45	92 -4.6 57	105 -1.4 32	111 38.6 62	109 4 44	114 26 40	106 1.31 22	91 -1.43 24	96 -0.36 22

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 190112 89764534	1	JOY 130002 JOY 110110			97 79	106 76	87 74	87 75	107 50	97 65	95 76	85 20	93 56	89 17	113 41 42	95 1.55 80	110 -2.9 76	115 44 75	106 18.4 76	87 -0.3 74	88 45 75	100 25.1 74	89 36 27	101 38 33	96 -29 11	96 0.1 37	107 16.9 36	100 -9.2 54	111 -2.6 33	100 31.8 64	92 -9 35	89 4 32	93 0.02 16	85 -2.39 18	95 -0.44 17
JOY 190115 89764567	2	GCD 140143 JOY 170043			85 77	115 76	112 76	101 75	102 50	115 65	118 76	96 28	111 58	98 22	98 20 46	89 2.14 79	80 1.1 75	96 16 75	115 22.9 76	112 7.2 76	127 137 76	112 35.6 74	101 85 36	108 56 38	109 -51 17	104 0.5 46	101 13.5 45	75 5.3 57	116 -3.4 33	108 36.8 61	104 0 44	107 20 40	101 0.82 21	91 -1.43 24	95 -0.46 21
JOY 190116 89764575	2	GCD 140143 JOY 170074			82 79	116 76	131 74	87 75	108 51	124 66	124 76	104 33	121 59	105 28	111 38 47	84 2.64 80	92 -0.4 76	112 39 75	116 23.7 76	131 13.3 74	134 154 75	112 36.0 76	111 121 41	100 37 39	115 -61 22	95 0.0 50	95 9.7 48	98 -7.8 57	106 -1.7 34	116 41.7 63	112 6 47	120 31 44	104 1.06 27	91 -1.38 29	100 -0.08 27
JOY 190117 89764583	2	GCD 140143 JOY 170013			76 79	119 76	149 76	81 75	116 52	135 66	134 76	104 33	131 59	106 28	117 47 48	77 3.35 80	90 -0.2 76	118 48 75	119 25.3 76	149 18.8 76	146 184 76	118 40.8 76	110 119 41	104 46 37	114 -60 22	100 0.3 49	98 11.9 48	100 -9.2 58	121 -4.2 34	108 36.6 63	115 9 47	121 33 44	104 1.07 27	92 -1.20 29	100 -0.05 27
JOY 190118 89764591	1	GCD 140143 JOY 170002			80 79	134 77	149 77	80 75	123 50	154 66	152 77	114 28	150 58	113 22	122 53 51	65 4.61 80	93 -0.7 76	120 51 75	134 33.1 77	149 18.8 77	157 210 76	127 49.0 77	121 159 37	111 63 40	125 -78 17	96 0.1 49	111 19.1 47	96 -7.0 57	126 -5.1 32	123 45.6 62	129 20 46	135 45 42	111 1.79 21	90 -1.55 23	95 -0.47 21
JOY 190122 89764633	13	JOY 120119 JOY 120080			83 79	102 77	86 77	100 75	104 52	87 66	87 77	106 22	89 57	102 18	100 24 40	88 2.25 80	81 1.0 76	99 20 75	102 15.8 77	86 -0.5 77	90 50 76	94 19.5 74	107 106 29	73 -28 30	106 -47 13	117 1.3 37	103 14.4 35	111 -15.6 55	101 -0.8 35	100 32.0 65	102 -2 34	99 13 32	94 0.11 17	97 -0.38 19	96 -0.39 18
JOY 190127 89764369	1	JOY 130002 JOY 090002			124 79	92 77	118 78	104 77	104 51	115 67	106 77	83 20	109 58	89 16	94 16 48	125 -1.59 80	109 -2.8 77	93 12 77	92 10.7 77	118 9.1 78	112 102 77	88 14.0 77	88 34 29	69 -39 32	89 -19 9	91 -0.2 40	108 17.3 38	93 -5.1 57	104 -1.3 33	111 38.8 64	97 -5 37	92 6 34	92 -0.15 15	86 -2.18 17	100 -0.09 15
JOY 190129 89764385		JOY 120119 JOY 130103			81 79	108 77	113 77	88 75	106 51	103 66	105 77	103 22	103 57	102 20	113 41 39	80 3.05 80	95 -1.0 76	111 39 75	108 19.2 77	113 7.7 77	112 102 76	104 28.3 77	104 95 28	94 20 36	106 -46 15	109 0.8 39	102 14.2 37	107 -13.3 55	99 -0.4 34	110 38.1 64	104 0 36	106 19 33	102 0.85 19	97 -0.40 21	94 -0.56 19
JOY 190137 89764708	1	JOY 120119 JOY 130061			72 79	116 77	115 77	89 76	87 51	98 66	112 77	104 22	99 57	108 18	112 40 46	68 4.34 80	71 2.4 77	110 36 76	116 23.4 77	115 8.4 77	121 125 77	111 35.2 76	107 104 28	86 3 29	106 -47 14	110 0.9 35	116 22.2 34	87 -1.6 56	83 2.5 34	113 39.7 63	108 3 33	110 23 31	110 1.65 17	92 -1.27 18	96 -0.40 17
JOY 190140 89764732	1	JOY 120119 JOY 100073			95 79	107 76	130 75	77 75	85 51	104 66	116 76	108 22	104 57	105 20	127 60 38	94 1.57 80	108 -2.6 76	125 59 75	107 18.8 76	130 12.9 75	117 113 75	105 29.0 76	109 114 26	93 20 30	109 -51 17	116 1.2 33	101 13.1 32	93 -5.0 55	87 1.7 34	97 29.7 64	117 10 31	115 27 29	102 0.89 19	85 -2.34 20	93 -0.67 19
JOY 190143 89764765	8	JOY 130002 JOY 100118			85 79	108 77	111 77	94 76	112 52	110 67	105 77	88 20	105 58	94 16	105 30 48	95 1.45 80	74 1.9 77	105 29 76	108 19.2 77	111 7.1 77	114 107 77	104 28.6 76	93 54 28	87 3 34	97 -32 10	100 0.3 39	116 22.3 37	107 -13.2 58	105 -1.4 34	113 39.9 64	102 -2 36	98 12 33	97 0.39 15	86 -2.15 18	102 0.14 16
JOY 190151 89764849	1	JOY 130002 JOY 100003			112 78	94 77	106 77	89 75	95 50	96 66	93 77	82 20	91 57	90 16	111 38 63	114 -0.53 79	107 -2.6 75	111 39 75	94 11.9 77	106 5.7 77	95 60 76	95 20.5 76	86 26 29	96 26 51	90 -21 10	83 -0.6 50	108 17.4 47	71 7.5 55	109 -2.2 32	105 35.1 63	92 -10 45	89 4 40	93 0.01 15	88 -1.77 17	100 -0.06 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 & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 190162 89764955	2	JOY 120119 JOY 100154		80 79	122 77	93 77	80 75	104 52	104 66	112 77	109 21	104 57	106 18	127 60	72 3.87	99 -1.4	125 58	122 26.7	93 1.5	101 77	117 40.4	111 120	119 82	114 -59	108 0.8	110 19.0	109 -14.1	103 -1.0	99 31.4	108 3	111 23	105 1.19	92 -1.17	93 -0.64
JOY 190166 89764997	8	JOY 130002 JOY 110054		115 78	100 77	119 77	91 76	95 52	111 66	109 77	88 20	106 57	97 16	106 32	117 -0.77	108 -2.7	107 32	100 14.9	119 9.5	112 102	99 23.9	95 59	98 30	101 -39	109 0.8	122 26.0	99 -8.4	89 1.4	107 35.8	104 0	102 15	101 0.74	86 -2.20	100 -0.04
JOY 190172 89765051	2	JOY 120119 JRP 100067		80 79	117 76	120 75	80 75	92 53	106 66	119 76	118 30	109 59	109 26	123 55	68 4.34	96 -1.0	122 54	117 24.1	120 9.8	119 119	112 35.6	115 138	116 75	118 -66	104 0.5	107 17.1	91 -3.7	95 0.3	104 34.0	113 7	117 29	120 2.67	90 -1.58	105 0.35
JOY 190173 89765069	1	JOY 130002 JOY 110085		101 80	106 76	92 74	100 75	112 51	108 66	103 76	89 22	104 57	93 20	103 27	98 1.15	105 -2.3	99 21	106 18.2	92 1.2	99 71	104 28.2	92 50	93 20	96 -31	98 0.2	109 18.0	108 -13.8	108 -2.0	108 36.6	91 -10	91 5	101 0.81	82 -2.80	92 -0.72
JOY 190176 89765093	2	NPT 160055 JOY 160016		95 78	98 75	109 72	90 73	106 47	98 64	93 75	99 24	97 56	96 12	106 32	100 1.01	92 -0.6	109 35	98 13.7	109 6.4	100 74	100 24.9	100 79	97 35	104 -32	106 0.6	106 16.3	108 -13.5	98 -0.3	106 35.5	97 -5	96 10	90 -0.33	100 -0.02	105 0.33
JOY 190184 89765176	1	LAR 120230 JOY 120027		80 79	101 77	86 77	87 75	102 51	79 66	80 77	100 38	80 60	90 26	108 34	84 2.67	90 -0.2	115 44	101 15.5	86 -0.5	83 32	95 20.8	99 76	93 33	95 -28	99 0.3	97 10.8	99 -8.5	111 -2.5	94 28.0	94 -8	89 3	83 -1.02	81 -2.89	96 -0.42
JOY 190188 89765218	1	NPT 160055 JOY 160014		83 77	97 75	103 73	95 73	94 46	83 64	86 75	95 25	83 56	95 12	102 26	94 1.60	66 3.0	104 28	97 13.5	103 4.5	97 67	102 26.4	98 71	77 -20	95 -28	105 0.6	102 14.0	94 -5.9	94 0.5	103 33.5	98 -5	95 9	90 -0.29	101 0.23	104 0.27
JOY 200007 90311416	1	JOY 160048 JOY 140022		84 78	123 75	123 75	82 74	90 47	117 64	131 75	105 23	115 56	106 16	121 51	83 2.74	101 -1.7	119 50	123 27.5	123 10.9	128 142	116 39.5	113 127	102 40	109 -52	106 0.7	118 23.4	88 -2.5	87 1.8	109 37.5	114 8	120 31	108 1.52	95 -0.68	95 -0.47
JOY 200012 90311465	2	GCD 140143 JOY 170126		93 78	116 75	99 74	82 74	107 51	110 65	112 75	100 30	108 58	97 24	121 52	93 1.70	105 -2.3	120 52	116 23.4	99 3.4	103 80	117 40.5	106 101	127 -59	114 0.7	108 19	96 10.1	105 -11.7	103 -1.1	107 36.3	106 2	110 22	101 0.73	94 -0.93	91 -0.79
JOY 200015 90311481	2	GCD 140143 JOY 170117		75 78	141 77	129 74	70 75	114 50	143 66	152 76	110 28	140 58	117 22	137 74	66 4.48	91 -0.4	135 74	141 36.9	129 12.7	137 163	137 57.9	116 139	127 100	121 -71	105 0.6	113 20.6	102 -10.4	110 -2.3	114 40.6	123 15	131 41	118 2.48	88 -1.79	96 -0.42
JOY 200033 90311358	2	JRP 150031 JOY 150138		81 77	115 75	108 73	102 73	64 47	91 64	118 75	106 28	93 57	101 26	100 23	76 3.45	91 -0.3	96 16	115 23.1	108 6.3	124 132	112 35.7	109 111	98 31	111 -55	105 0.6	99 12.1	77 4.1	59 6.8	105 35.2	98 -5	109 21	124 3.04	84 -2.46	91 -0.86
JOY 200037 90311655	1	JRP 150031 JOY 160028		84 77	117 76	129 76	90 73	75 47	107 65	127 76	110 28	108 58	110 26	109 35	81 2.98	100 -1.6	108 35	117 24.1	129 12.6	134 156	109 32.8	114 133	99 34	121 -71	104 0.5	115 21.8	93 -5.3	64 5.9	108 36.9	117 36	125 34	127 3.42	89 -1.68	97 -0.35

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 200101 91459719	1	WDS 170129 JOY 180040		83 73	122 71	100 65	98 71	105 43	116 60	121 70	92 26	111 53	95 22	102 26	83 2.80	90 -0.2	100 22	122 26.7	100 3.8	121 123	108 32.6	95 62	92 17	100 -37	92 -0.1	99 12.0	110 -14.8	104 -1.2	92 26.7	99 -4	103 17	108 1.43	79 -3.31	92 -0.73
JOY 200123 91509174		JOY 130002 JOY 110067		84 78	111 76	112 75	88 75	107 51	108 66	107 76	92 22	104 57	98 18	110 37	91 1.96	85 0.5	112 39	111 20.7	112 7.2	113 104	102 26.4	96 64	78 -18	98 -33	102 0.4	112 19.8	105 -11.7	99 -0.4	114 40.1	101 -2	100 14	97 0.36	89 -1.74	98 -0.23
JOY 200124 91459925	1	NPT 160055 JOY 150092		87 77	101 75	130 72	101 73	108 46	113 63	110 74	102 24	111 55	101 12	94 15	92 1.81	79 1.3	95 15	101 15.5	130 12.8	130 146	102 26.5	104 96	85 -2	99 -34	104 0.5	107 17.1	107 -13.2	101 -0.8	110 37.7	107 3	108 20	95 0.20	100 0.13	105 0.35
JOY 200126 91459941	1	JOY 170125 JOY 120029		90 76	105 75	102 73	91 72	110 46	102 63	98 74	86 20	98 54	89 18	105 30	94 1.61	91 -0.3	108 35	105 17.7	102 4.2	101 77	96 21.6	89 37	99 34	98 -33	100 0.3	98 11.7	115 -17.4	101 -0.7	106 35.7	102 -2	96 10	93 -0.04	89 -1.66	98 -0.23
JOY 200127 91459958	1	DAJ 170037 JOY 100003		118 77	89 75	84 72	106 73	99 44	89 63	83 74	84 24	86 55	88 14	89 9	119 -1.01	104 -2.2	93 12	89 9.0	84 -1.3	78 21	89 15.1	86 26	66 -45	86 -14	85 -0.5	98 11.5	96 -6.8	104 -1.3	98 30.7	96 -6	88 3	86 -0.68	98 -0.26	105 0.41
JOY 200128 91459966	2	JOY 130002 JOY 130122		133 78	81 76	100 75	102 75	104 50	98 65	84 76	74 20	91 56	79 17	95 17	138 -3.02	125 -4.9	96 17	81 4.6	100 3.7	83 33	82 8.7	79 -1	81 -10	85 -12	96 0.1	112 20.0	105 -12.1	99 -0.4	107 36.1	85 -15	76 -7	87 -0.63	86 -2.08	97 -0.35
JOY 200134 91459693	2	NPT 160055 JRP 140038		93 77	108 74	108 69	92 72	93 46	101 63	107 73	107 30	101 56	106 24	105 31	93 1.72	99 -1.4	106 31	108 19.0	108 6.0	110 97	106 30.8	108 110	82 -8	101 -38	104 0.6	95 9.6	98 -7.8	89 1.5	105 35.1	106 1	108 20	97 0.37	105 0.86	105 0.37
JOY 200139 91460063	1	JOY 130002 JOY 130048		88 77	109 76	92 74	79 75	94 50	89 65	96 76	85 20	86 56	91 17	123 54	95 1.48	92 -0.5	125 58	109 19.9	92 1.3	90 50	107 31.3	89 39	132 113	100 -37	101 0.4	123 26.6	95 -6.5	92 0.9	105 34.8	95 -7	90 5	95 0.23	89 -1.68	97 -0.29
JOY 200140 91460071		NPT 160055 JOY 100162		123 77	85 75	107 73	108 73	116 46	109 64	93 75	94 24	106 56	89 12	89 9	122 -1.33	110 -3.0	90 8	85 6.9	107 6.0	97 67	89 15.2	96 63	98 31	95 -28	99 0.3	98 11.4	114 -16.9	108 -2.0	110 37.7	96 -6	92 6	84 -0.90	100 0.13	103 0.21
JOY 200146 91460139	1	DAJ 170037 JOY 100160		76 76	111 74	100 72	84 72	91 44	88 63	98 74	99 23	88 55	99 16	114 43	80 3.07	88 0.0	117 48	111 20.6	100 3.8	101 75	110 34.1	100 79	104 45	101 -38	92 -0.1	101 13.5	100 -8.9	90 1.1	97 29.9	105 1	105 18	99 0.55	93 -1.11	104 0.31
JOY 200149 91460162	1	JOY 130002 JRP 150074		92 77	110 75	95 74	95 75	100 50	101 65	104 75	96 26	99 57	96 26	104 28	96 1.42	91 -0.4	104 28	110 20.4	95 2.2	103 80	108 32.3	96 64	102 42	104 -44	101 0.4	108 17.5	107 -13.0	93 0.7	104 34.0	92 -10	95 9	110 1.69	79 -3.20	93 -0.64
JOY 200150 91460170	1	JOY 170125 JOY 140025		88 76	111 73	98 68	96 72	97 44	101 62	106 72			98 14	101 25	88 2.24	94 -0.8	102 26	111 20.8	98 3.2	107 91	103 27.4	99 74	83 -5	103 -42	93 -0.1	108 17.5	98 -7.9	99 -0.4	99 31.1	106 1	106 19	100 0.66	91 -1.42	104 0.25

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
														Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 200158		JOY 130002		118	96	97	106	101	105	100	87	101	91	94	120	101	92	96	97	98	93	91	76	91	102	105	101	94	110	87	87	97	88	92
91460246		JOY 150005		77	76	74	75	51	65	76	24	57	20	15	-1.14	-1.8	11	13.0	2.9	69	19.2	44	-23	-21	0.4	15.8	-9.5	0.5	37.9	-14	2	0.35	-1.79	-0.70
														48	79	75	75	76	74	75	74	32	37	14	42	41	56	34	63	40	37	19	21	20
JOY 200162		JOY 130002		119	107	124	90	75	112	123	98	110	100	110	115	120	108	107	124	122	105	103	110	106	94	120	67	83	104	102	104	106	86	93
91460279		JOY 150036		76	76	75	75	51	65	76	24	57	20	36	-0.64	-4.2	34	18.8	11.0	125	29.0	92	61	-47	0.0	24.7	9.7	2.5	34.1	-2	17	1.24	-2.20	-0.64
														63	78	74	75	76	75	75	74	32	53	14	51	49	56	34	62	47	42	19	21	20
JOY 200164		JOY 130002		100	108	97	93	105	106	104	92	102	96	108	100	101	106	108	97	101	105	97	87	97	102	112	100	103	104	91	95	104	86	91
91460295		JOY 150134		77	74	70	74	51	64	74	24	56	20	34	0.93	-1.7	31	19.1	2.9	77	29.1	68	3	-31	0.4	19.8	-9.2	-1.0	34.0	-10	10	1.09	-2.19	-0.80
														46	79	75	74	74	70	73	75	32	36	14	42	40	56	34	62	40	36	19	21	20
JOY 200168		KVB 080089		75	115	106	97	81	94	111	98	93	92	103	77	78	101	115	106	118	113	100	120	96	103	104	93	81	95	90	95	109	92	85
91509182	2	JRP 130069		78	76	74	75	53	66	76	37	60	29	28	3.39	1.4	24	23.0	5.6	118	36.2	81	85	-29	0.5	15.2	-5.1	2.7	28.6	-11	10	1.60	-1.25	-1.35
														46	79	75	75	76	74	75	74	46	33	26	51	50	56	38	64	49	47	28	30	28
JOY 200178		JOY 130002		106	94	72	106	97	81	79	81	78	85	93	115	83	94	94	72	73	92	84	95	93	100	109	100	91	105	88	79	89	86	102
91460428	10	JOY 110129		78	76	74	75	51	65	76	20	56	16	14	-0.55	0.7	12	11.7	-4.9	8	18.0	20	24	-25	0.3	18.4	-9.3	1.0	35.0	-13	-5	-0.46	-2.12	0.12
														43	79	75	75	76	74	75	74	27	34	10	38	37	57	33	63	36	33	15	18	16
JOY 200180		DAJ 170037		80	103	99	98	106	94	92	97	93	98	98	90	68	101	103	99	102	106	97	98	100	100	106	106	104	104	108	101	90	99	106
91460444	1	JOY 140171		76	74	71	72	44	62	73	22	54	15	20	2.02	2.7	23	16.8	3.3	78	30.3	69	31	-37	0.3	16.6	-12.4	-1.2	34.2	3	15	-0.31	-0.06	0.48
														31	78	73	72	74	71	72	74	30	16	9	39	37	49	26	56	36	31	15	15	15
JOY 200181		NPT 160055		97	112	112	88	105	115	113	104	113	106	111	102	95	111	112	112	114	108	104	89	99	100	103	102	96	116	104	106	99	95	106
91460451	2	JOY 160133		77	75	73	73	46	64	75	24	56	14	39	0.81	-0.9	39	21.2	7.3	106	31.8	95	8	-35	0.3	14.5	-9.9	0.1	41.4	0	19	0.62	-0.78	0.45
														45	79	74	73	75	73	74	74	35	31	10	46	44	52	28	57	42	38	13	14	13
JOY 200182		JOY 130002		115	97	100	98	114	111	99	87	105	91	98	115	107	100	97	100	97	92	92	97	99	92	114	105	107	114	96	92	97	89	99
91460469	4	JOY 160079		78	76	75	75	50	65	76	22	56	20	21	-0.64	-2.5	22	13.5	3.7	67	18.0	48	30	-35	-0.1	21.0	-11.7	-1.9	40.3	-7	7	0.34	-1.70	-0.13
														49	79	75	75	76	75	75	74	29	34	13	40	39	57	32	62	38	34	19	21	19
JOY 200187		JOY 130002		100	117	121	83	105	126	127	103	123	109	117	97	112	117	117	121	123	109	104	92	106	90	116	94	104	113	108	112	124	81	109
91460519	1	JRP 100067		78	75	71	74	52	65	75	30	58	27	47	1.25	-3.2	47	24.2	10.2	128	32.7	93	17	-47	-0.2	22.3	-5.6	-1.3	39.4	3	25	3.10	-2.93	0.72
														48	79	75	74	75	71	73	76	36	35	22	46	45	57	35	63	44	40	26	28	26
JOY 200195		JOY 130002		115	105	74	88	100	95	93	97	94	98	111	112	119	114	105	74	77	103	96	89	102	99	105	107	91	109	89	95	112	81	95
91460592	1	JRP 150027		77	76	74	75	50	65	76	27	57	26	39	-0.24	-4.1	43	17.8	-4.4	17	27.6	65	8	-40	0.3	15.9	-13.1	1.1	37.3	-12	9	1.86	-2.99	-0.47
														46	79	75	75	76	74	75	73	35	35	18	44	43	54	34	62	42	39	25	27	25
JOY 200199		DAJ 170037		71	122	111	82	93	104	117	106	104	108	116	71	78	120	122	111	117	118	107	108	108	91	111	95	96	97	120	121	105	94	108
91460634	1	JOY 150037		76	74	71	73	43	62	74	24	54	16	46	3.96	1.4	52	26.8	7.0	115	41.0	107	56	-50	-0.2	19.3	-6.4	0.1	29.9	13	33	1.15	-0.83	0.66
														33	78	73	73	76	71	73	64	34	18	10	43	41	48	26	56	39	35	15	17	15
JOY 210001		JOY 170125		77	116	117	86	118	117	114	96	113	99	113	79	91	114	116	117	119	110	100	107	108	101	105	113	112	110	107	108	100	90	100
92117233	2	JOY 180150		71	71	66	71	44	60	70	20	52	16	41	3.18	-0.4	43	23.3	8.8	120	34.2	78	53	-50	0.4	16.0	-16.7	-2.6	37.7	2	20	0.70	-1.47	-0.07
														60	74	68	71	71	66	69	70	25	32	13	35	34	51	26	55	33	30	15	17	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 & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 210002		JOY 170125		117	81	113	126	105	106	95	81	100	81	75	120	92	78	81	113	107	85	87	87	92	101	112	114	93	109	84	83	92	89	93
92117712	1	JOY 180127		74	72	70	72	45	61	72	22	53	18	-10	-1.11	-0.5	-11	5.0	7.7	91	11.9	29	3	-24	0.4	19.7	-17.1	0.7	37.0	-16	-1	-0.13	-1.73	-0.61
														61	77	71	72	72	70	71	72	28	51	15	47	45	50	29	55	43	38	17	18	17
JOY 210003		KVB 080089		88	105	124	110	68	98	118	101	97	95	92	86	92	88	105	124	135	103	106	105	104	112	103	78	67	103	94	102	109	90	85
92117241	4	JOY 180122		75	75	74	75	52	65	75	34	59	26	13	2.48	-0.5	4	17.7	11.2	158	28.0	102	49	-42	1.0	14.5	3.7	5.3	33.6	-8	16	1.53	-1.54	-1.36
														63	77	74	75	75	74	75	74	44	52	23	55	54	56	38	62	53	49	26	27	26
JOY 210005		LAR 120230		104	105	72	91	92	84	89	106	86	97	107	100	114	111	105	72	76	101	109	99	102	85	104	90	100	96	86	93	102	78	98
92117266	4	JOY 170046		76	76	74	75	51	65	75	40	60	30	32	0.93	-3.4	38	17.4	-4.8	16	25.7	113	34	-40	-0.5	15.0	-3.4	-0.6	29.4	-14	7	0.84	-3.44	-0.23
														66	78	74	75	76	74	75	74	49	49	29	59	58	55	34	63	57	53	28	31	28
JOY 210009		KVB 080089		117	93	81	122	90	93	94	91	91	85	85	118	135	82	93	81	86	92	96	83	98	109	87	102	84	100	79	86	104	88	82
92117340	3	JOY 180129		75	75	74	75	52	65	75	36	59	29	3	-0.87	-6.3	-4	11.4	-2.1	38	17.9	63	-5	-34	0.8	4.9	-10.5	2.2	31.6	-20	1	1.05	-1.81	-1.59
														64	77	74	75	75	74	75	72	46	37	25	51	50	57	38	62	50	47	28	30	28
JOY 210010		NPT 160055		75	120	128	80	97	114	124	118	115	115	119	79	89	121	120	128	128	119	120	106	112	110	100	85	97	112	112	125	107	100	103
92117357	2	JOY 170134		75	74	72	73	45	63	74	26	56	16	49	3.14	-0.1	53	25.6	12.4	141	41.8	156	49	-56	0.9	12.6	-0.8	0.0	39.3	7	36	1.42	0.01	0.23
														61	77	72	73	74	72	73	74	38	48	11	54	51	51	28	56	49	44	15	16	15
JOY 210017		GCD 140143		87	106	119	91	118	115	108	102	113	99	105	90	91	107	106	119	117	105	107	110	115	107	92	104	116	113	119	113	91	102	97
92117423		JOY 120111		77	76	75	75	50	65	76	28	58	22	31	2.02	-0.3	32	18.2	9.5	115	29.4	105	60	-62	0.7	8.2	-11.4	-3.4	39.6	12	25	-0.23	0.37	-0.35
														64	79	75	75	76	75	75	76	37	53	17	54	52	57	32	61	50	45	21	24	21
JOY 210019		KVB 080089		122	95	135	127	76	119	127	91	114	95	83	118	110	76	95	135	145	92	96	85	92	109	107	91	68	104	81	91	107	91	90
92117449	1	JOY 180170		75	74	74	75	53	65	74	36	59	28	0	-0.91	-2.9	-13	12.2	14.3	182	18.0	64	-1	-23	0.8	16.7	-4.0	5.1	34.0	-18	6	1.41	-1.41	-0.88
														64	77	74	75	74	74	75	75	45	53	24	57	55	57	38	63	54	50	27	28	27
JOY 210030		LAR 120230		91	108	92	91	96	93	100	111	96	105	102	86	109	109	108	92	96	96	115	68	103	94	115	86	107	99	105	106	96	87	99
92117274	1	JOY 170050		76	76	74	75	49	65	75	38	60	27	26	2.42	-2.8	35	19.2	1.4	64	21.5	135	-41	-42	0.0	21.8	-1.2	-1.8	31.0	1	19	0.27	-1.97	-0.13
														65	78	74	75	76	74	75	74	47	24	27	52	51	54	31	62	50	47	25	29	26
JOY 210033		GCD 140143		99	118	109	90	108	123	122	101	120	103	110	98	126	109	118	109	118	114	108	107	117	101	98	106	105	105	112	116	105	96	100
92117308	2	BP 130039		76	76	74	75	50	65	75	32	58	25	36	1.19	-5.1	35	24.4	6.4	117	37.4	108	52	-65	0.4	11.7	-12.5	-1.5	34.6	7	28	1.19	-0.56	-0.03
														65	78	74	75	76	74	75	74	40	35	20	49	47	55	33	61	46	42	24	26	24
JOY 210036		GCD 140143		79	116	118	81	113	115	116	100	112	102	120	80	95	120	116	118	117	107	108	87	113	99	99	97	116	109	117	119	104	95	95
92117563	1	JOY 140142		76	76	74	75	49	65	75	30	58	25	50	3.07	-0.9	52	23.4	9.3	115	31.7	108	5	-59	0.3	12.2	-7.4	-3.3	37.5	11	30	1.07	-0.71	-0.47
														63	78	74	75	76	74	75	73	37	35	19	47	45	55	31	60	44	40	24	26	24
JOY 210045		GCD 140143		81	127	120	78	99	121	132	112	121	112	128	84	96	124	127	120	126	126	115	115	123	107	103	95	100	105	116	130	121	84	90
92117654	2	JOY 150108		76	73	73	75	48	63	74	34	57	30	62	2.65	-1.1	58	29.3	10.0	135	47.7	138	73	-74	0.7	14.6	-6.0	-0.5	34.6	10	40	2.78	-2.41	-0.91
														65	78	74	75	73	73	74	62	42	36	23	50	49	51	33	61	48	45	29	31	29
JOY 210109		JOY 180011		123	90	105	91	76	87	92			88	106	121	119	108	90	105	91	91	86	98	91	91	101	67	85	107	95	87	90	92	99
92977859	1	JOY 130173		76	75	70	72	45	63	74			14	32	-1.23	-4.1	34	9.5	5.2	51	16.7	28	31	-22	-0.2	13.2	10.0	2.2	36.3	-7	2	-0.33	-1.17	-0.17
														39	78	72	72	75	70	72	73	25	41	11	43	41	52	26	58	40	35	13	14	13

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 210117 92978733	1	MCU 170224 JOY 190034		79 75	114 74	87 70	83 74	108 47	94 63	96 73	100 30	94 56	104 24	116 45	90 2.05	76 1.7	120 51	114 22.2	87 -0.2	92 55	112 35.9	103 90	108 56	99 -35	91 -0.2	95 9.9	102 -10.0	109 2.2	103 33.9	100 -3	100 14	107 1.35	108 1.38	103 0.22
JOY 210121 92978758	1	MCU 170224 JOY 190045		100 75	92 74	87 70	94 74	88 47	75 63	77 73	100 34	77 57	97 28	100 23	107 0.30	91 -0.3	106 31	92 10.6	87 -0.4	78 21	95 20.7	100 78	117 78	97 -32	84 -0.6	86 4.7	79 3.2	99 -0.4	102 33.0	95 -7	92 6	100 0.73	105 0.78	109 0.67
JOY 210122 92977875		JOY 180011 JOY 100162		116 77	82 75	122 71	108 73	108 47	106 64	94 74			81 14	90 10	119 -0.98	99 -1.4	89 6	82 5.5	122 10.4	109 95	85 11.2	82 12	92 16	88 -17	101 0.4	110 18.6	110 -14.6	97 0.0	114 40.4	88 -12	78 -6	85 -0.85	91 -1.34	96 -0.42
JOY 210133 92977883	3	JOY 180011 JOY 120080		86 77	98 75	123 71	92 73	99 47	98 64	98 74			94 16	105 31	93 1.67	81 1.0	106 30	98 13.9	123 10.7	114 107	99 23.8	97 68	99 34	101 -38	110 0.9	109 18.4	107 -13.0	88 1.5	110 38.1	98 -4	93 7	90 -0.32	93 -1.03	99 -0.11
JOY 210152 92977990	1	JOY 180011 JOY 110067		69 77	105 75	132 71	90 73	90 48	96 64	105 74	93 20	94 55	95 16	106 32	79 3.12	66 3.0	107 33	105 17.9	132 13.6	127 139	101 25.6	95 61	79 -15	96 -31	108 0.7	107 17.0	97 -7.1	78 3.4	116 41.5	100 -3	96 10	92 -0.13	93 -1.06	97 -0.28
JOY 210161 92978832	1	MCU 170224 JOY 100017		90 77	96 75	87 71	98 74	111 47	87 64	80 74	91 30	86 57	90 24	97 20	98 1.23	80 1.2	102 24	96 12.7	87 -0.4	84 35	93 18.5	94 56	104 44	91 -22	81 -0.7	81 1.6	96 -7.0	126 -5.2	91 26.4	102 -2	93 7	90 -0.34	116 2.58	105 0.38
JOY 210170 92978873	1	MCU 170224 JOY 190043		109 75	104 74	99 70	100 74	106 47	111 63	105 73	94 30	107 56	99 24	98 20	113 -0.35	95 -1.0	98 20	104 17.1	99 3.5	104 83	101 26.0	98 73	78 -17	91 -22	89 -0.3	99 12.1	98 -7.8	109 -2.2	105 34.8	94 -8	95 10	105 1.17	109 1.43	103 0.19
JOY 210177 92977180	1	GCD 140143 JOY 150022		73 76	146 75	129 71	70 74	99 49	140 64	152 74	114 29	138 57	117 22	135 71	49 6.31	80 1.2	135 73	146 39.6	129 12.7	141 173	136 56.7	121 158	122 88	124 -76	99 0.3	108 17.3	86 -1.1	104 -1.3	108 36.9	127 19	137 46	115 2.16	92 -1.14	99 -0.12
JOY 210178 92977198	3	GCD 140143 JOY 150134		75 76	121 74	136 71	80 74	112 51	127 64	129 74	106 30	124 57	100 24	121 52	67 4.42	84 0.6	121 52	121 26.1	136 14.6	135 157	123 45.9	113 128	136 123	119 -68	108 0.8	101 13.3	101 -9.5	110 -2.3	112 39.1	111 5	117 29	104 1.09	94 -0.83	89 -0.95
JOY 210192 92978931	1	MCU 170224 JOY 170108		101 76	100 74	77 70	92 74	98 47	84 63	83 74	99 30	85 56	97 24	108 34	106 0.36	96 -1.1	109 35	100 24.6	77 7.2	77 124	99 74	100 36	105 48	98 -33	93 -0.1	85 3.8	95 -6.4	101 -0.7	104 34.4	99 -4	95 9	98 0.50	112 1.95	103 0.19
JOY 210195 92977339	1	GCD 140143 JOY 120042		77 76	118 74	112 68	91 72	115 50	117 63	117 73	96 28	114 56	98 22	109 35	72 3.89	85 0.4	108 34	118 24.6	112 7.2	121 124	114 37.6	104 94	102 39	112 -57	101 0.4	98 11.8	105 -11.9	118 -3.8	103 33.5	111 6	111 23	99 0.56	95 -0.79	94 -0.54
JOY 210211 92977412	1	LAR 120230 JOY 150037		72 76	124 75	99 71	68 74	91 49	94 64	114 74	115 37	98 59	107 24	134 69	57 5.49	83 0.6	141 82	124 27.9	99 3.4	100 74	118 41.4	118 147	117 78	110 -52	93 -0.1	114 21.0	83 0.4	103 -1.1	98 30.7	112 6	116 28	98 0.52	82 -2.78	103 0.20

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 210215 92977453	2	GCS 160035 JOY 170002			78 75	106 72	100 63	89 69	97 43	88 60	93 70			90 12	107 32 41	79 3.15 78	90 -0.3 71	112 39 69	106 17.9 72	100 3.8 63	99 71 68	105 29.7 72	101 84 25	110 60 25	108 -49 11	84 -0.6 33	102 14.3 33	81 1.9 48	109 -2.2 24	107 35.8 56	106 1 32	101 15 28	99 0.62 11	87 -2.07 12	94 -0.54 12
JOY 210224 92977511	2	GCD 140143 JRP 100067			80 76	116 75	135 72	88 75	116 51	129 64	127 75	109 36	127 58	107 30	111 38 49	79 3.21 78	98 -1.2 74	111 38 75	116 23.6 75	135 14.4 72	137 162 74	114 37.5 75	111 123 43	97 30 36	118 -66 26	95 0.0 52	97 11.2 50	101 -9.8 58	115 -3.2 34	115 40.6 62	117 10 49	122 33 46	119 2.58 29	90 -1.55 31	107 0.53 29
JOY 210233 92978964	1	MCU 170224 JOY 190047			83 74	107 72	84 66	88 74	96 47	83 61	88 71	107 34	86 56	107 26	108 34 50	89 2.09 76	86 0.3 72	114 43 74	107 18.9 72	84 -1.1 66	87 42 71	106 30.1 72	108 108 45	100 35 49	97 -32 19	84 -0.6 54	90 7.0 53	80 2.2 54	112 -2.7 28	97 30.2 58	104 0 52	102 16 49	103 0.97 24	109 1.51 28	108 0.59 24
JOY 210236 92977628	2	LAR 120230 JOY 170043			95 76	98 73	51 66	100 72	86 49	61 62	69 72	96 36	64 57	89 26	96 18 50	96 1.39 78	95 -1.0 73	101 24 72	98 13.9 73	51 -11.2 66	56 -33 70	94 19.7 72	98 71 46	80 -13 28	90 -20 25	96 0.1 51	107 16.9 50	74 5.9 54	104 -1.2 31	95 28.6 62	82 -18 49	81 -3 47	86 -0.75 24	79 -3.22 27	97 -0.32 24
JOY 210241 92977677	2	JOY 180011 JOY 120106			102 76	100 75	111 70	86 73	84 47	91 63	97 74	100 20	91 54	98 16	114 43 40	109 0.08 78	94 -0.8 73	114 43 73	100 14.8 75	111 6.9 70	101 76 73	100 24.9 73	99 76 27	97 29 43	103 -41 12	113 1.0 44	109 17.9 42	93 -4.9 54	78 3.4 30	109 37.3 58	97 -6 41	92 6 37	91 -0.25 16	93 -1.10 17	98 -0.22 16
JOY 220004 93755858	1	MCU 170224 JOY 190127			126 74	94 73	77 70	100 74	105 46	97 62	87 73	90 28	94 55	95 24	97 20 63	127 -1.84 76	112 -3.2 72	100 21 74	94 11.8 73	77 -3.3 70	75 13 72	89 15.2 72	94 55 41	80 -12 45	89 -19 14	82 -0.7 49	90 6.6 48	90 -3.3 55	114 -3.0 27	104 34.4 56	96 -6 48	91 6 44	97 0.41 22	109 1.40 25	106 0.47 22
JOY 220006 93755866	1	MCU 170224 JOY 200044			86 74	112 72	112 65	92 71	87 45	101 61	111 71	108 30	102 55	111 26	106 31 63	91 1.96 76	86 0.3 70	106 31 71	112 21.3 72	112 7.2 65	117 114 69	108 32.6 72	111 121 42	84 -4 44	104 -43 17	92 -0.1 49	92 8.2 48	79 3.0 54	98 -0.2 27	100 31.6 55	107 3 48	113 25 45	121 2.79 25	109 1.41 28	102 0.15 25
JOY 220018 93760031	1	MCU 170224 JOY 190108			102 74	109 73	73 69	93 74	110 46	98 62	94 72	100 30	98 56	105 26	104 29 63	103 0.65 76	101 -1.8 71	108 33 74	109 19.5 73	73 -4.5 69	82 29 72	102 26.7 72	104 93 42	83 -5 46	99 -35 16	90 -0.2 51	84 3.0 50	99 -8.3 55	115 -3.3 26	105 34.9 56	102 -1 49	102 15 46	106 1.25 24	111 1.78 27	105 0.34 24
JOY 220019 93760049	1	MCU 170224 JOY 190103			85 73	113 73	98 68	84 73	116 46	107 62	103 72	101 30	106 56	104 26	115 44 64	90 1.99 76	90 -0.3 71	119 49 73	113 22.0 73	98 3.1 68	101 75 71	109 32.8 72	107 104 43	92 16 47	104 -44 16	89 -0.3 52	90 6.8 50	103 -10.7 55	121 -4.2 26	105 34.7 56	108 3 50	108 21 46	106 1.29 24	112 1.95 27	104 0.27 24
JOY 220031 93760072	1	MCU 170224 JOY 190137			76 74	115 73	73 70	88 74	101 46	85 62	90 73	102 29	86 55	108 24	112 40 62	84 2.64 76	80 1.1 72	115 43 74	115 22.9 73	73 -4.6 70	84 35 72	108 32.2 72	104 96 40	74 -27 45	97 -32 15	91 -0.1 49	95 9.7 48	90 -3.6 54	106 -1.7 27	106 35.3 56	104 0 47	104 17 44	109 1.61 23	111 1.85 26	105 0.34 23
JOY 220032 93755031	2	JOY 180011 JOY 150028			87 75	112 74	131 66	76 70	88 45	107 61	119 72	101 20	105 53	104 14	127 60 61	92 1.80 77	95 -0.9 71	127 61 70	112 21.5 74	131 13.3 66	121 124 70	109 33.2 73	102 88 26	105 47 42	104 -43 11	98 0.2 43	112 19.9 42	82 1.2 53	91 1.0 26	106 35.6 56	108 3 41	108 21 36	103 0.99 14	90 -1.53 15	103 0.16 14
JOY 220050 93760114	1	MCU 170224 JOY 190143			103 74	98 73	74 70	99 74	116 46	93 62	82 73	91 28	91 55	96 24	97 20 63	112 -0.27 76	85 0.5 72	101 23 74	98 14.0 73	74 -4.2 70	76 15 72	94 20.0 72	95 60 40	78 -18 46	91 -22 14	86 -0.5 49	93 8.4 48	108 -13.6 55	115 -3.2 27	107 35.8 56	97 -5 47	93 7 44	99 0.59 22	109 1.42 26	107 0.57 23

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
JOY 220056 93760106	1	MCU 170224 JOY 200007		101 74	104 73	89 69	95 73	105 45	99 62	96 72	100 30	98 56	103 24	102 26	102 0.82	102 -1.9	104 28	104 17.1	89 0.2	92 54	100 25.3	105 97	86 2	97 -32	89 -0.3	94 8.9	97 -7.6	107 -1.8	105 34.9	103 0	104 17	105 1.20	113 2.15	104 0.27
JOY 220070 93755189	1	JOY 180011 JOY 150090		104 74	96 74	123 70	106 73	60 44	89 62	107 73			95 14	93 14	106 0.31	93 -0.6	91 9	96 12.7	123 10.9	122 126	94 19.2	93 52	71 -35	93 -25	105 0.6	106 16.2	64 11.4	60 6.6	113 39.8	94 -8	90 5	96 0.24	91 -1.42	97 -0.29
JOY 220075 93755130	14	JOY 180011 JOY 180170		99 73	102 73	146 69	96 73	92 44	119 61	122 72			102 16	99 22	106 0.35	85 0.4	100 22	102 16.3	146 17.9	142 175	101 25.6	94 57	79 -15	93 -25	106 0.7	115 22.0	96 -7.0	80 3.0	116 41.3	94 -8	96 10	103 0.98	90 -1.53	103 0.22
JOY 220082 93754885	1	JOY 180011 JOY 180127		114 73	92 73	131 69	107 73	73 45	101 62	110 72	87 22	97 54	90 18	93 14	118 -0.92	94 -0.8	90 7	92 10.6	131 13.2	126 136	94 19.4	91 43	68 -41	88 -18	107 0.7	111 19.5	87 -1.8	61 6.3	113 39.9	87 -13	87 2	98 0.51	89 -1.63	92 -0.76
JOY 220113 94533064	1	GCD 140143 JOY 150088		76 75	113 75	123 71	85 72	114 49	115 63	113 74	89 29	109 56	89 22	115 44	78 3.33	88 0.0	115 44	113 22.1	123 10.6	122 126	115 38.5	96 65	118 79	106 -47	100 0.3	102 14.0	106 -12.5	110 -2.4	112 39.1	109 4	105 18	93 -0.04	93 -1.01	95 -0.50
JOY 220119 94533114	2	GCS 160035 JOY 130083		101 74	94 74	78 68	84 69	97 43	74 61	75 72	97 20	76 53	88 14	112 40	100 0.96	111 -3.1	120 51	94 11.7	78 -3.0	69 -2	96 21.7	97 67	121 86	104 -44	100 0.3	93 8.9	97 -7.3	100 -0.6	102 33.0	102 -2	93 8	92 -0.11	89 -1.65	95 -0.47
JOY 220127 94533197	2	JOY 180011 JOY 190042		83 73	112 73	127 68	87 70	67 44	95 61	116 72			107 18	114 43	90 1.98	83 0.7	112 40	112 21.3	127 12.0	126 136	112 35.5	104 95	95 25	108 -50	106 0.7	113 20.4	81 1.8	58 6.9	111 38.4	106 2	108 21	113 2.03	89 -1.64	102 0.12
JOY 220131 94533239	2	GCS 160035 JOY 120029		89 74	101 74	65 69	83 69	97 43	68 61	73 72	88 20	68 53	84 15	113 41	90 1.99	102 -1.9	122 55	101 15.3	65 -7.1	64 -14	96 21.5	89 36	108 54	96 -30	96 0.1	88 5.7	99 -8.7	98 -0.3	100 32.1	101 -2	91 6	94 0.07	91 -1.40	94 -0.54
JOY 220140 94533320	1	GCS 160035 JOY 150157		80 74	101 74	58 68	83 70	89 43	56 61	67 72	94 20	59 53	88 12	111 39	84 2.63	92 -0.5	122 54	101 15.7	58 -9.3	59 -26	101 25.8	96 63	107 54	101 -39	88 -0.4	94 9.0	84 -0.1	95 0.4	105 35.1	104 0	99 13	97 0.35	91 -1.30	99 -0.11
JOY 220141 94533338	2	GCD 140143 JOY 150005		82 75	112 75	135 71	83 73	113 50	122 64	120 74	102 31	119 57	99 24	116 45	85 2.50	91 -0.4	116 46	112 21.5	135 14.3	129 144	116 39.3	108 111	120 84	114 -60	109 0.8	96 10.2	102 -10.4	110 -2.4	113 39.8	109 4	112 25	100 0.72	97 -0.44	91 -0.83
JOY 220144 94533353	1	GCD 140143 JOY 130090		74 75	113 75	124 71	84 72	113 50	113 64	112 74	105 29	111 57	100 22	112 40	77 3.36	84 0.6	115 45	113 21.7	124 11.0	122 126	114 37.6	109 113	122 89	118 -67	110 0.9	99 12.4	110 -14.9	109 -2.1	107 36.0	113 7	112 24	94 0.05	97 -0.37	98 -0.24
JOY 220145 94533361	1	JOY 180011 JOY 170144		73 74	136 74	147 69	64 71	86 45	129 62	152 73	111 20	127 54	119 16	144 82	79 3.16	95 -0.9	144 86	136 34.2	147 18.1	140 171	130 51.7	115 135	107 53	114 -60	106 0.7	120 24.5	83 0.8	82 2.7	116 41.6	122 14	130 40	116 2.32	91 -1.43	101 0.05

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 220146 94533379	2	GCD 140143 JOY 160133		83 75	132 75	140 71	71 73	120 49	147 64	150 74	102 28	141 57	111 22	134 69	84 2.67	103 -2.0	133 70	132 75.1	140 16.1	139 168	124 46.4	108 36	99 33	113 -58	102 0.4	109 18.4	100 -9.2	117 -3.6	120 43.9	119 12	122 33	111 1.74	90 -1.59	98 -0.24
JOY 220162 94533528	1	GCS 160035 JOY 170126		101 73	88 73	45 68	102 69	90 43	52 61	54 71	84 22	53 53	75 16	93 14	103 0.66	96 -1.0	99 21	88 8.3	45 -13.1	41 -68	91 17.2	86 25	98 32	90 -21	95 0.1	87 5.1	97 -7.1	89 1.4	104 34.2	83 -17	76 -7	90 -0.31	90 -1.45	90 -0.86
JOY 220171 94533551	2	GCS 160035 JOY 160056		79 73	114 74	72 68	78 69	89 43	74 61	90 72			102 12	121 52	81 2.99	98 -1.2	128 63	114 22.2	72 -5.0	78 19	109 33.3	106 102	123 92	110 -53	102 0.5	105 16.0	92 -4.5	88 1.5	104 34.0	105 1	102 16	105 1.16	95 -0.78	96 -0.38
JOY 220174 94533585	2	GCD 140143 JOY 100053		83 76	113 75	117 72	104 73	113 50	121 64	118 74	96 28	117 57	96 21	94 16	89 2.17	75 1.8	93 12	113 21.7	117 9.0	132 150	112 35.6	102 86	112 64	112 -57	107 0.7	98 11.3	101 -9.4	115 -3.3	106 35.7	114 8	109 22	93 -0.01	97 -0.41	99 -0.16
JOY 220187 94533684	1	LAR 120230 JOY 120027		80 76	99 75	84 72	88 72	100 49	75 64	76 74	100 38	77 59	88 26	107 32	84 2.62	87 0.1	113 41	99 14.4	84 -1.2	80 25	95 20.8	99 74	110 59	96 -29	99 0.3	96 10.5	97 -7.6	110 -2.3	93 27.5	93 -9	87 2	81 -1.22	81 -2.88	96 -0.43
JOY 220188 94533692		LAR 120230 JOY 160016		94 75	93 75	89 71	86 72	107 49	80 63	75 74	98 37	81 58	89 25	109 36	98 1.21	97 -1.2	116 46	93 11.0	89 0.2	77 18	94 19.5	99 76	102 40	95 -28	99 0.2	118 23.2	104 -11.4	112 -2.6	97 30.2	88 -13	83 -2	82 -1.16	83 -2.61	98 -0.25
JOY 220193 94535572	2	MCU 170224 JOY 180004		88 75	107 74	85 70	98 72	105 47	94 63	93 73	105 34	95 57	106 30	99 22	97 1.26	75 1.8	101 23	107 18.5	85 -0.9	93 56	102 27.0	108 111	88 7	101 -38	90 -0.2	91 7.3	102 -10.0	106 -1.6	103 33.8	101 -3	104 17	102 0.93	113 2.07	107 0.50
JOY 220198 94535580	1	MCU 170224 JOY 180139		79 74	116 73	93 70	82 72	109 46	101 62	104 72	106 32	101 56	108 28	116 45	84 2.66	90 -0.2	122 54	116 23.7	93 1.7	98 70	117 40.1	110 116	115 71	110 -54	85 -0.5	86 4.6	95 -6.4	114 -3.1	104 34.2	115 9	117 29	115 2.20	109 1.45	109 0.73
JOY 230006 95298303	2	GCD 140143 JOY 160028		88 75	123 73	127 63	82 60	128 49	141 60	133 70	103 30	136 54	108 24	119 49	89 2.13	101 -1.7	119 50	123 27.5	127 11.9	131 148	115 38.7	113 127	111 63	121 -71	105 0.6	110 18.8	116 -18.3	123 -4.7	111 38.5	122 14	125 36	108 1.51	97 -0.39	97 -0.28
JOY 230008 95298329	1	JOY 180011 JOY 190200		113 73	90 70	97 62	99 55	90 43	87 57	86 67			86 14	99 22	117 -0.75	100 -1.5	99 21	90 9.4	97 2.7	88 43	94 19.4	87 31	105 47	90 -20	100 0.3	102 14.0	100 -9.1	78 3.3	112 39.2	87 -13	82 -3	87 -0.65	93 -1.11	101 0.02
JOY 230018 95298360	2	JOY 180011 JOY 200044		71 73	124 72	149 64	75 56	70 44	110 58	138 69	107 20	110 50	110 18	129 62	63 4.89	76 1.7	127 62	124 27.8	149 18.8	143 178	127 49.1	107 107	106 51	109 -51	108 0.8	116 22.1	79 2.7	62 6.2	112 39.3	106 2	113 25	119 2.57	86 -2.11	96 -0.42
JOY 230019 95298378	3	JOY 180011 JOY 190101		79 74	113 73	130 64	85 56	93 44	109 59	117 69	97 22	107 52	100 18	116 44	86 2.45	82 0.8	115 44	113 22.1	130 12.9	128 140	115 38.4	101 81	108 55	106 -47	106 0.7	109 18.1	88 -2.2	88 1.5	119 43.1	103 -1	105 18	100 0.72	89 -1.68	99 -0.13

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 230021 95298394	1	GCD 140143 JOY 150028		77 75	123 73	134 63	80 60	113 48	130 60	133 70	108 29	128 54	109 22	122 52	77 3.38	93 -0.6	121 53	123 27.5	134 14.0	135 158	121 44.0	114 133	117 78	119 -68	98 0.2	101 13.6	95 -6.5	120 -4.1	106 35.3	123 15	127 38	106 1.31	94 -0.85	101 0.05
JOY 230026 95298444	2	GCD 140143 JOY 200033		86 74	122 72	128 65	88 59	100 47	125 60	132 69	107 30	123 54	108 24	113 41	83 2.73	102 -1.8	111 38	122 26.6	128 12.3	136 160	118 40.7	112 126	108 55	118 -67	105 0.6	98 11.5	94 -5.5	96 0.2	114 40.0	111 6	120 31	118 2.47	90 -1.58	94 -0.57
JOY 230027 95299855	1	MCU 170224 JOY 200172		98 72	99 71	80 62	99 57	109 44	90 58	84 68	95 30	89 52	97 24	96 18	105 0.46	86 0.3	101 23	99 14.2	80 -2.4	81 28	97 21.9	98 71	89 9	95 -29	79 -0.9	89 6.3	106 -12.5	113 -2.9	96 29.7	101 -3	95 9	97 0.39	116 2.58	109 0.69
JOY 230033 95299814	1	MCU 170224 JOY 200181		98 74	103 72	79 64	98 58	108 44	94 59	89 69	100 30	94 53	102 24	99 22	107 0.29	83 0.7	102 25	103 16.7	79 -2.7	84 35	100 25.1	101 84	86 3	94 -26	86 -0.4	87 4.9	101 -9.6	107 -1.8	108 36.5	99 -4	98 12	101 0.76	113 2.10	109 0.74
JOY 230041 95298485	2	JOY 180011 JOY 190162		85 74	114 72	121 64	81 56	90 45	105 59	117 69			102 16	122 54	89 2.12	94 -0.8	121 53	114 22.6	121 10.2	118 117	112 35.4	101 81	107 54	104 -43	107 0.7	113 20.7	97 -7.5	82 2.7	110 38.0	100 -3	100 14	103 0.98	89 -1.61	96 -0.37
JOY 230043 95298501	2	GCD 140143 JOY 180114		86 75	119 73	124 67	81 60	114 48	126 61	125 71	103 28	122 54	104 22	121 51	85 2.53	102 -1.9	120 51	119 25.0	124 11.0	124 132	116 39.6	108 111	109 58	115 -61	109 0.8	104 15.3	104 -11.6	112 -2.7	111 38.5	114 8	115 27	103 1.01	95 -0.74	95 -0.46
JOY 230044 95299905	1	MCU 170224 JOY 200139		97 74	106 71	72 59	87 58	95 45	82 58	85 68	92 28	81 52	98 24	112 40	103 0.68	93 -0.7	116 46	106 18.2	72 -4.8	76 15	104 28.7	96 63	106 51	95 -28	87 -0.4	99 12.0	90 -3.1	101 -0.7	100 31.9	98 -5	93 8	101 0.82	110 1.65	105 0.38
JOY 230050 95298568	2	GCD 140143 JOY 190172		76 74	130 72	136 66	74 60	102 49	130 60	142 70	114 30	129 54	113 24	130 64	59 5.27	86 0.3	129 65	130 31.2	136 14.8	137 163	127 49.0	117 144	116 75	122 -73	105 0.6	103 14.6	82 1.4	108 -2.1	114 40.3	120 13	126 37	116 2.30	92 -1.14	101 0.04
JOY 230053 95298576	1	GCD 140143 JOY 140022		73 75	145 73	143 63	65 61	104 49	147 60	152 70	117 28	145 54	118 22	142 80	56 5.53	85 0.4	141 83	145 39.2	143 16.9	146 185	141 61.3	124 171	131 112	127 -81	104 0.5	111 19.4	93 -5.0	105 -1.4	108 36.9	134 24	142 51	112 1.91	96 -0.52	101 0.06
JOY 230057 95298600	1	GCD 140143 JOY 190188		73 74	115 72	121 65	85 59	112 47	113 60	112 69	101 28	111 54	102 21	113 41	77 3.33	81 1.0	115 43	115 22.8	121 10.1	122 126	116 39.0	106 101	99 34	110 -53	105 0.6	98 11.7	101 -9.7	110 -2.4	112 39.1	109 4	111 23	99 0.57	98 -0.23	100 -0.02
JOY 230061 95299962	2	MCU 170224 JOY 200135		95 72	111 70	80 56	96 57	120 43	107 56	98 66	101 31	106 51	104 26	101 25	100 0.97	89 -0.1	104 28	111 20.8	80 -2.3	91 53	104 28.3	104 96	79 -14	97 -31	86 -0.4	87 5.2	113 -16.5	124 -4.8	95 29.0	100 -3	103 17	104 1.11	110 1.68	102 0.12
JOY 230062 95299970	1	MCU 170224 JOY 200182		109 74	99 72	82 65	96 58	117 45	101 59	88 69	93 29	98 53	98 24	100 23	115 -0.55	96 -1.0	103 27	99 14.3	82 -1.8	82 30	96 21.1	97 69	88 8	95 -28	83 -0.6	94 9.3	106 -12.4	118 -3.7	107 35.8	98 -5	95 9	102 0.89	110 1.63	106 0.46

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 230069	1	JOY 180011		85	107	125	83	95	103	109			98	118	88	94	117	107	125	117	107	97	95	99	107	109	99	85	116	97	97	99	92	97
95298659		JOY 190129		73	72	64	56	44	58	69			16	48	2.22	-0.8	47	18.8	11.2	114	31.6	68	24	-35	0.7	18.1	-8.7	2.2	41.4	-5	11	0.62	-1.22	-0.34
														39	76	65	56	72	64	64	68	23	44	12	42	40	53	26	54	39	35	15	16	15
JOY 230077	3	GCD 140143		89	114	119	94	111	122	120	101	118	98	106	91	93	103	114	119	126	114	107	114	112	106	94	102	106	113	103	110	104	92	91
95298717		JOY 150138		75	74	68	60	49	61	71	30	55	24	32	1.94	-0.6	27	22.2	9.4	137	37.5	107	69	-56	0.6	9.4	-10.3	-1.6	39.7	-1	22	1.05	-1.16	-0.79
														46	77	68	60	74	68	67	68	39	37	19	48	47	57	32	58	46	42	23	25	23
JOY 230079	1	GCD 140143		72	128	134	75	125	137	136	104	133	108	126	71	82	127	128	134	135	126	109	118	113	99	110	108	122	115	116	120	110	91	98
95298733		JOY 180202		75	72	67	60	48	60	70	28	54	22	59	3.98	0.8	62	30.1	14.0	158	48.1	112	79	-58	0.3	18.8	-13.5	-4.5	40.6	9	31	1.67	-1.38	-0.25
														47	77	68	60	72	67	66	67	36	37	17	46	45	56	30	58	44	40	21	24	22
JOY 230080	3	GCD 140143		90	111	119	92	94	110	117	101	108	100	107	88	102	106	111	119	123	110	108	110	113	109	96	74	102	113	106	111	103	94	91
95298741		JOY 160076		75	74	68	60	50	62	71	31	56	24	33	2.26	-1.8	31	20.9	9.7	128	34.2	108	60	-58	0.8	10.6	6.0	-0.9	39.7	1	23	0.99	-0.82	-0.78
														46	77	68	60	74	68	67	68	40	37	19	49	47	58	32	59	46	43	23	26	23
JOY 230081	1	GCD 140143		79	127	135	79	118	139	140	111	136	112	121	70	95	122	127	135	139	121	119	116	124	102	110	100	118	116	127	132	109	99	97
95298758		JOY 170050		75	74	67	60	48	61	71	30	55	24	51	4.13	-0.9	54	29.4	14.6	167	43.4	150	73	-76	0.4	18.6	-9.1	-3.8	41.2	18	42	1.61	-0.17	-0.29
														46	77	68	60	74	67	67	68	38	35	19	47	46	56	30	58	45	41	23	26	23
JOY 230085	2	GCD 140143		87	122	127	79	103	125	132	104	122	107	123	87	104	123	122	127	128	125	111	115	120	101	101	98	102	107	117	122	109	96	101
95298790		BP 130039		74	74	68	60	49	61	71	32	55	25	55	2.38	-2.1	56	26.9	12.1	140	47.4	121	72	-70	0.4	13.6	-8.1	-0.9	36.3	10	33	1.53	-0.57	-0.01
														50	76	67	60	74	68	67	66	40	35	20	49	47	55	32	59	46	42	24	26	24
JOY 230101	1	MCU 170224		111	94	97	104	89	92	93	94	91	95	93	114	98	94	94	97	95	97	100	89	93	92	94	85	94	103	96	96	104	112	99
96265350		JOY 180127		72	72	65	59	46	59	69	32	54	26	14	-0.47	-1.3	14	11.7	2.8	60	21.9	78	9	-25	-0.1	9.0	-0.8	0.5	33.4	-7	10	1.05	1.87	-0.17
														46	75	65	59	72	65	65	66	44	47	18	52	51	56	28	55	50	47	25	27	25
JOY 230102	2	MCU 170224		104	97	74	98	105	85	80	102	87	99	96	109	93	102	97	74	74	95	104	82	94	80	87	97	111	102	94	95	97	105	107
96265368		JOY 210026		71	71	63	58	45	58	68	34	53	27	18	0.04	-0.6	25	13.1	-4.3	10	20.6	96	-8	-26	-0.8	5.1	-7.4	-2.6	32.9	-8	9	0.35	0.90	0.55
														45	74	64	58	71	63	64	66	45	45	20	53	52	55	25	54	51	48	25	29	26
JOY 230103	1	MCU 170224		92	115	83	82	95	93	101	111	96	113	117	98	94	122	115	83	90	113	112	102	104	95	94	88	100	103	113	113	107	116	111
96265343		JOY 200153		71	71	63	57	44	58	68	30	52	24	47	1.23	-0.8	54	23.2	-1.5	49	36.7	126	41	-44	0.1	9.3	-2.1	-0.5	33.7	7	25	1.40	2.65	0.91
														42	74	63	57	71	63	64	66	42	45	14	51	50	54	24	53	49	46	22	25	22
JOY 230114	2	JOY 210015		96	114	124	84	106	122	121			104	115	99	100	117	114	124	122	111	109	119	114	100	110	100	101	111	125	123	101	95	102
96264148		JOY 130180		70	71	60	46	37	55	66			10	44	1.06	-1.5	46	22.3	11.0	127	35.0	115	82	-59	0.3	18.7	-9.2	-0.7	38.4	17	34	0.82	-0.79	0.07
														29	74	58	46	71	60	59	63	21	37	9	38	36	45	19	48	35	30	9	10	9
JOY 230127	2	JOY 210011		87	109	105	88	100	100	104			92	112	89	95	112	109	105	106	108	96	132	105	109	106	103	94	106	103	99	92	92	99
96264270		JOY 180050		69	69	58	46	38	54	64			12	39	2.16	-0.9	39	19.7	5.4	88	31.9	64	113	-44	0.8	16.1	-10.6	0.5	35.6	0	13	-0.16	-1.23	-0.11
														36	73	57	46	69	58	58	60	17	34	9	32	30	45	21	47	26	23	11	12	11
JOY 230128	3	JOY 210021		90	100	114	95	86	92	100	112	95	100	103	93	91	103	100	114	111	101	114	108	107	114	112	92	83	106	97	104	98	89	92
96264288		JOY 190015		70	71	59	48	42	56	66	27	50	20	28	1.73	-0.4	26	15.0	8.2	100	26.1	134	56	-48	1.1	20.0	-4.7	2.5	35.5	-5	17	0.53	-1.76	-0.71
														36	74	59	48	71	59	59	64	34	42	19	45	44	50	25	50	43	40	20	21	20

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 230129 96264296	2	GCD 140143 JOY 190006			80 73	127 72	109 66	79 60	123 48	128 60	127 69	109 32	126 54	104 24	121 52 52	69 4.23 75	97 -1.2 66	124 57 60	127 29.4 72	109 6.6 66	118 117 66	121 44.0 66	114 132 40	115 73 35	116 -62 20	102 0.5 48	105 15.5 47	105 -11.9 56	126 -5.2 29	110 37.7 58	113 7 46	117 29 43	100 0.68 22	86 -2.12 25	96 -0.40 23
JOY 230130 96264304	4	JOY 210015 JOY 150157			71 70	128 71	135 60	75 47	87 38	117 55	136 66			112 12	127 60 31	71 3.96 74	81 0.9 58	128 63 47	128 29.9 71	135 14.5 60	135 159 59	124 46.0 62	119 151 22	116 74 38	120 -69 10	101 0.4 39	115 21.5 37	83 0.4 47	85 2.2 20	113 39.7 48	131 22 36	137 46 32	110 1.68 11	92 -1.25 12	103 0.22 11
JOY 230133 96264338	1	GCD 140143 JRP 150030			77 74	125 74	142 68	73 60	112 50	134 61	140 71	105 36	130 56	105 31	130 64 50	71 4.04 76	95 -1.0 67	130 67 60	125 28.6 74	142 16.7 68	137 163 67	126 47.8 67	111 120 43	112 64 37	122 -72 26	94 0.0 50	92 8.1 49	97 -7.2 57	113 -2.8 34	110 38.1 59	122 14 48	128 38 45	118 2.48 30	87 -2.06 32	105 0.36 30
JOY 230147 96264452	1	JOY 200204 JOY 150092			96 72	98 73	149 63	95 49	120 42	129 57	117 68			89 12	101 25 32	97 1.30 76	97 -1.2 61	101 23 49	98 13.8 73	149 18.8 63	139 168 62	104 28.3 66	105 99 26	126 98 44	115 -62 10	95 0.1 45	117 22.7 44	109 -14.1 51	117 -3.5 23	116 41.3 51	115 9 42	111 24 37	92 -0.07 12	93 -1.06 13	94 -0.53 12
JOY 230150 96265384	1	MCU 170224 JOY 200037			106 72	105 72	77 65	97 58	95 44	92 59	94 69	103 30	93 53	106 26	101 24 48	105 0.45 75	106 -2.4 64	103 27 58	105 17.7 72	77 -3.3 65	84 34 65	100 25.3 66	107 106 41	91 14 44	105 -45 17	88 -0.3 49	94 9.0 48	98 -7.7 54	93 0.6 24	105 34.7 54	107 2 47	109 21 44	116 2.24 25	110 1.65 28	105 0.34 25
JOY 230169 96264601	2	JOY 210011 BP 130056			113 70	85 71	129 60	104 47	103 39	108 55	99 66	89 23	103 49	89 18	90 10 35	115 -0.55 74	100 -1.6 59	92 11 47	85 7.2 71	129 12.5 60	116 112 59	90 16.4 62	89 37 28	108 56 33	93 -26 16	111 0.9 40	97 11.2 38	109 -14.4 45	98 -0.1 22	101 32.6 49	90 -11 35	89 4 32	89 -0.40 18	97 -0.46 18	107 0.51 17
JOY 230183 96264635	1	JOY 180011 JOY 180023			96 72	101 73	116 65	95 56	79 45	93 59	104 69	88 22	90 52	88 18	104 29 46	102 0.80 75	87 0.2 64	103 26 56	101 15.7 73	116 8.7 65	113 105 65	104 28.1 66	90 42 29	108 55 44	94 -26 15	108 0.8 45	110 18.5 43	82 1.2 54	74 4.0 27	112 39.2 54	87 -13 42	86 1 38	96 0.28 17	90 -1.45 18	91 -0.83 17
JOY 230184 96264643	16	JOY 210021 JOY 170126			100 71	93 72	81 61	111 49	87 42	78 57	83 67	95 24	79 50	82 18	93 14 41	101 0.84 75	91 -0.4 60	89 6 49	93 11.4 72	81 -2.2 61	82 29 61	98 23.4 64	101 82 30	116 75 42	102 -39 16	114 1.1 42	97 10.9 41	102 -10.1 50	77 3.5 27	108 36.5 50	84 -16 40	89 4 37	92 -0.10 18	93 -1.07 19	85 -1.36 18
JOY 230192 96264700	1	JOY 180011 JOY 150037			69 73	121 74	132 66	75 56	68 44	97 59	125 70			105 14	128 61 38	70 4.15 76	76 1.7 64	128 63 56	121 26.4 74	132 13.5 66	128 141 65	119 42.4 67	103 91 26	103 43 42	105 -44 11	99 0.3 43	112 20.2 41	67 9.9 53	70 4.8 24	113 39.6 54	111 5 40	112 24 36	105 1.20 14	89 -1.66 15	102 0.13 14
JOY 230201 96264775	1	JOY 180011 JOY 140087			96 73	93 74	114 66	87 55	73 43	78 59	88 70			88 14	112 40 35	107 0.27 76	80 1.1 64	113 41 55	93 11.4 74	114 7.9 66	99 71 65	101 26.0 66	90 43 20	119 82 41	98 -34 10	105 0.6 39	105 15.5 37	75 5.4 51	71 4.6 23	111 38.3 54	97 -6 36	89 4 32	88 -0.52 13	93 -1.10 14	100 -0.09 13
JOY 230203 96264791	2	GCD 140143 JOY 180033			79 73	117 73	121 67	89 60	101 48	114 60	120 70	104 28	112 54	103 22	112 40 51	81 2.95 75	88 0.0 66	110 36 60	117 24.2 73	121 10.1 67	127 138 67	118 41.0 66	109 112 35	120 83 37	117 -65 17	110 0.9 45	100 12.7 43	83 0.7 57	106 -1.6 30	114 40.2 58	114 8 42	114 26 39	99 0.63 21	96 -0.56 23	97 -0.33 21
JOY 230219 96264932	3	JOY 200204 JRP 150027			81 71	134 73	125 62	76 49	109 42	136 57	145 68	118 26	135 51	109 24	127 60 36	65 4.65 75	98 -1.4 60	128 63 49	134 33.4 73	125 11.3 62	133 153 61	132 53.8 65	120 155 32	113 68 44	125 -78 18	97 0.2 48	106 16.5 47	104 -11.5 50	102 -0.9 24	118 42.5 51	117 10 46	126 37 42	118 2.49 23	86 -2.08 24	93 -0.66 23

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 230226	3	JOY 200204		88	117	93	88	118	113	109	98	110	93	114	86	104	113	117	93	102	117	103	113	113	81	100	117	111	111	103	106	96	91	101
96265004		JRP 120068		72	74	63	49	43	58	69	27	52	22	42	2.46	-2.1	40	23.8	1.5	79	40.6	92	67	-59	-0.7	12.5	-18.6	-2.4	38.3	-1	19	0.27	-1.43	0.02
														37	76	61	49	74	63	62	65	33	45	19	50	48	52	26	52	47	43	22	23	22
JOY 240002	1	MCU 170224		129	81	86	113	114	97	79	88	94	90	84	134	101	87	81	86	75	81	90	88	88	87	90	110	111	107	91	83	93	111	104
96984232		JOY 210122		72	70	58	58	44	57	67	28	51	24	42	-2.53	-1.7	3	4.6	-0.6	12	8.1	42	8	-17	-0.4	6.9	-14.5	-2.5	36.1	-10	-1	0.01	1.83	0.30
														42	75	64	58	70	58	62	66	40	47	14	50	49	55	24	53	48	45	22	25	22
JOY 240010	1	JOY 210021		111	92	101	107	96	97	94	94	95	90	92	112	100	91	92	101	98	92	100	110	104	106	108	93	90	114	90	93	97	91	92
96984091		JOY 200182		70	69	51	48	41	54	63	20	47	16	13	-0.26	-1.6	9	10.7	3.9	69	18.2	80	59	-42	0.6	17.5	-5.1	1.3	40.5	-11	8	0.37	-1.34	-0.77
														35	74	59	48	69	51	56	64	26	43	13	41	39	50	24	48	38	34	16	17	16
JOY 240011	1	MCU 170224		83	114	93	89	109	102	101	104	102	106	109	90	84	112	114	93	100	110	109	106	105	91	89	94	115	106	107	110	108	113	102
96984216		JOY 210178		72	70	58	58	45	57	67	31	52	26	36	2.06	0.6	39	22.2	1.6	74	34.1	113	51	-46	-0.2	6.1	-5.6	-3.2	35.5	3	22	1.51	2.06	0.07
														44	75	64	58	70	58	62	66	43	46	16	51	50	55	26	54	49	46	24	27	24
JOY 240013	1	MCU 170224		71	113	78	81	99	79	88	106	82	104	116	79	81	123	113	78	84	111	109	100	99	83	93	90	113	94	104	104	101	107	108
96984257		JOY 210211		70	70	58	58	42	56	66	32	51	26	45	3.16	0.9	56	21.8	-2.9	34	34.5	113	36	-36	-0.6	8.5	-3.6	-2.8	28.2	0	17	0.80	1.10	0.61
														44	74	63	58	70	58	62	66	45	44	18	52	51	48	24	53	50	47	24	27	24
JOY 240020	1	MCU 170224		87	108	89	90	99	91	93	97	90	102	107	95	81	111	108	89	93	102	98	91	94	90	89	96	101	103	103	99	103	110	105
96984281		JOY 210103		72	70	58	58	44	57	67	29	51	24	33	1.46	1.0	38	19.1	0.4	56	26.7	72	14	-27	-0.2	6.5	-6.7	-0.7	34.0	-1	13	1.00	1.70	0.35
														42	75	64	58	70	58	62	66	40	48	16	50	49	55	24	53	48	45	23	26	23
JOY 240027	1	JOY 210021		106	93	108	113	89	97	99	101	96	91	88	106	95	86	93	108	108	94	107	110	106	102	97	97	80	114	91	101	96	90	93
96984125		JOY 170074		71	71	53	49	42	55	65	26	49	24	8	0.30	-0.9	2	11.0	6.1	93	19.4	105	60	-47	0.4	11.2	-7.3	3.0	40.3	-10	14	0.28	-1.52	-0.65
														35	75	60	49	71	53	58	65	33	44	19	45	43	50	26	50	43	39	23	24	23
JOY 240033	1	JOY 200204		78	131	131	72	106	131	142			109	134	79	101	133	131	131	132	128	119	115	121	96	116	91	105	119	123	128	109	93	95
96983358		JOY 200007		71	70	52	47	39	54	64			14	70	3.21	-1.7	70	31.4	13.3	151	49.8	151	73	-71	0.1	22.6	-4.0	-1.5	43.1	15	39	1.57	-1.11	-0.48
														32	75	59	47	70	52	56	64	24	44	11	43	42	50	21	47	41	36	13	14	13
JOY 240035	1	JOY 210021		116	97	106	101	91	104	104	95	101	93	99	115	110	97	97	106	104	96	101	93	100	106	107	88	88	113	94	98	98	90	92
96983374		JOY 190127		70	70	52	48	42	54	64	20	47	16	22	-0.63	-2.9	17	13.5	5.5	84	21.5	83	18	-37	0.6	17.0	-2.2	1.5	40.0	-8	12	0.48	-1.59	-0.72
														35	74	59	48	70	52	57	64	26	42	12	41	39	50	25	50	38	34	15	16	15
JOY 240039	1	JOY 200204		96	109	124	89	118	125	117			98	110	96	103	110	109	124	122	110	109	115	114	92	105	102	115	119	112	112	95	95	99
96983416		JOY 200140		70	70	52	47	39	54	64			12	37	1.39	-2.0	37	19.6	11.2	127	33.8	114	72	-59	-0.1	15.8	-10.4	-3.2	43.3	7	24	0.18	-0.70	-0.15
														31	74	59	47	70	52	56	64	26	43	9	45	43	50	20	48	42	37	12	13	12
JOY 240040	3	JOY 210021		92	95	107	101	92	88	91	101	89	92	98	94	88	97	95	107	103	99	104	111	102	112	104	95	85	111	90	95	93	96	94
96983424		JOY 190176		70	69	50	47	40	53	63	21	47	14	20	1.56	0.1	18	12.1	5.9	80	24.3	95	62	-40	1.0	15.0	-6.1	2.1	38.5	-11	9	0.03	-0.50	-0.54
														34	74	59	47	69	50	55	64	29	41	12	42	40	49	24	48	39	36	14	15	15
JOY 240043	2	JOY 210021		78	111	107	94	102	101	105	97	100	96	106	83	78	104	111	107	113	110	104	102	104	110	111	105	91	113	96	101	101	90	93
96983457		JOY 190143		70	70	52	48	42	54	64	20	47	16	32	2.72	1.4	28	20.7	5.8	105	33.5	93	40	-43	0.9	19.5	-12.1	1.0	39.8	-6	15	0.80	-1.58	-0.61
														35	74	59	48	70	52	57	64	26	43	13	40	39	50	25	50	38	34	15	16	15

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 240045 96983473	3	JOY 200204 JOY 200044		76 70	127 70	149 53	76 48	98 40	133 54	145 64	117 20	132 47	110 18	127 59	70 4.16	90 -0.2	125 58	127 29.5	149 18.8	147 187	129 50.6	122 162	126 98	127 -80	98 0.2	112 20.1	91 -3.8	95 0.3	116 41.4	122 15	131 41	119 2.55	88 -1.84	93 -0.64
JOY 240050 96983523	1	JOY 210021 JOY 140022		86 72	112 72	120 55	90 49	90 42	106 56	115 66	112 22	107 49	102 16	111 38	88 2.24	92 -0.4	108 34	112 21.4	120 9.8	122 128	112 35.7	118 148	135 121	117 -65	110 0.9	112 19.9	98 -7.9	82 2.7	109 37.4	111 6	120 31	103 0.97	95 -0.66	95 -0.51
JOY 240052 96983549	3	JOY 210021 JOY 190118		90 70	108 70	130 51	99 48	108 41	122 54	121 64	109 22	121 48	100 18	101 25	90 2.03	94 -0.8	98 19	108 19.3	130 12.9	135 158	107 31.3	116 139	116 74	117 -64	108 0.7	107 16.9	101 -9.5	102 -0.9	118 42.7	108 3	116 28	104 1.08	92 -1.27	90 -0.94
JOY 240055 96983572	2	JOY 200204 JOY 200123		74 70	116 70	131 52	81 48	114 41	120 54	120 64			99 14	120 50	81 3.00	84 0.6	120 52	116 23.7	131 13.1	127 139	116 39.4	107 107	107 52	114 -60	93 0.0	111 19.1	98 -7.7	110 -2.4	121 44.4	112 7	112 25	98 0.52	89 -1.63	96 -0.39
JOY 240057 96983598	3	JOY 210021 JOY 200135		95 67	109 68	103 47	101 46	97 35	106 51	110 61	104 23	105 45	98 18	99 23	95 1.50	94 -0.8	97 18	109 19.9	103 4.5	113 104	104 28.5	109 114	99 32	106 -47	109 0.8	103 14.4	104 -11.2	92 0.8	101 32.7	95 -7	105 18	101 0.82	91 -1.31	88 -1.10
JOY 240058 96983606	3	JOY 200204 JOY 200033		79 68	121 70	125 52	86 47	92 36	115 53	127 64	110 20	115 46	104 17	117 46	76 3.49	95 -0.9	114 43	121 26.3	125 11.5	132 149	120 43.2	115 136	115 73	121 -71	95 0.1	105 15.9	86 -1.2	91 1.0	113 39.4	112 7	119 31	115 2.13	87 -2.00	93 -0.68
JOY 240062 96983648	4	JOY 210021 JOY 190105		83 70	112 70	118 51	89 48	103 41	110 54	113 64	108 23	110 48	102 18	111 39	83 2.80	95 -0.9	110 37	112 21.4	118 9.3	120 122	112 35.8	115 136	120 84	117 -64	111 0.9	107 17.0	98 -8.0	98 -0.1	115 41.1	107 3	116 27	105 1.20	96 -0.58	91 -0.83
JOY 240064 96983663	2	JOY 200204 JOY 200180		75 70	120 69	119 51	83 47	114 38	119 53	120 63			103 14	117 47	78 3.28	87 0.1	118 49	120 25.9	119 9.5	123 129	120 42.5	111 120	114 70	116 -64	93 -0.1	110 18.8	98 -8.0	113 -2.8	116 41.7	119 12	117 29	99 0.54	95 -0.80	101 -0.01
JOY 240065 96983671	2	JOY 200204 JOY 200146		77 70	133 70	119 51	69 47	93 38	118 53	138 64			108 14	137 73	67 4.41	97 -1.1	138 78	133 32.5	119 9.5	122 126	131 53.0	114 133	114 71	118 -66	89 -0.3	109 18.4	75 5.1	101 -0.7	113 39.8	121 13	123 34	106 1.30	91 -1.34	100 -0.07
JOY 240068 96983705	1	JOY 200204 JOY 200124		77 70	115 70	137 51	84 47	116 39	126 54	123 64			102 12	115 43	79 3.18	91 -0.4	115 44	115 23.1	137 15.0	135 157	117 40.1	113 129	108 56	115 -61	95 0.0	110 18.6	101 -9.7	112 -2.7	119 43.3	117 11	119 31	99 0.62	95 -0.70	100 -0.09
JOY 240076 96984315	1	MCU 170224 JOY 210152		71 72	109 70	95 58	91 58	98 44	87 57	93 67	97 29	87 51	102 24	106 31	82 2.87	67 2.9	109 35	109 19.9	95 2.3	100 73	105 29.7	99 77	79 -15	93 -26	91 -0.2	91 7.5	93 -4.8	99 -0.4	108 36.6	101 -3	97 11	101 0.77	112 1.95	105 0.40
JOY 240082 96983804	2	LAR 120230 JOY 190108		83 71	111 71	83 60	87 60	97 45	87 58	94 68	110 38	90 54	104 26	109 36	82 2.89	99 -1.5	115 43	111 20.8	83 -1.6	89 46	106 30.6	112 124	94 22	104 -43	99 0.3	105 15.8	88 -2.3	109 -2.2	97 30.1	98 -4	102 15	96 0.24	82 -2.86	99 -0.17

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 240084	2	GCD 140143		86	109	112	91	115	112	106	93	109	97	107	94	82	108	109	112	113	110	99	108	109	102	102	106	110	113	104	103	97	91	99
96983820		JOY 200178		72	71	60	60	48	59	68	27	53	22	33	1.64	0.8	33	19.7	7.3	106	33.6	75	55	-52	0.5	13.9	-12.4	-2.3	39.8	0	16	0.42	-1.40	-0.11
														46	75	66	60	71	60	64	66	36	37	16	46	44	57	30	57	43	39	21	23	21
JOY 240085	1	GCD 140143		82	114	128	86	112	121	120	96	117	101	113	82	95	113	114	128	128	112	102	108	110	100	102	101	111	108	108	111	103	92	97
96983838		JOY 200138		70	70	59	59	45	57	67	28	51	22	41	2.84	-0.9	42	22.5	12.4	141	35.9	85	56	-54	0.3	13.8	-9.9	-2.5	36.8	3	23	0.93	-1.21	-0.29
														46	73	63	59	70	59	63	66	36	39	17	47	45	50	28	56	44	40	21	24	21
JOY 240086	1	MCU 170224		72	131	92	78	103	107	119	108	107	114	124	69	81	126	131	92	107	123	113	99	108	87	92	90	113	99	115	119	113	112	106
96984331		JOY 210177		70	70	58	58	42	56	66	30	51	25	55	4.20	1.0	61	31.3	1.3	90	45.9	128	34	-50	-0.4	8.1	-3.3	-2.8	31.3	9	31	1.98	1.91	0.49
														44	74	63	58	70	58	62	66	42	46	16	51	50	49	25	53	49	46	23	27	24
JOY 240092	1	JOY 200204		98	108	112	87	115	117	110			96	111	99	103	112	108	112	111	109	103	100	109	85	104	102	115	113	111	108	95	94	100
96983861		JOY 200127		70	70	51	47	38	53	64			14	39	1.10	-2.0	40	19.4	7.5	99	32.6	91	36	-52	-0.5	15.3	-10.0	-3.3	39.9	5	20	0.14	-0.89	-0.06
														31	74	59	47	70	51	56	64	25	43	10	45	43	49	19	47	42	37	13	14	13
JOY 240093	2	GCD 140143		74	122	132	84	108	124	128	106	122	109	117	69	81	116	122	132	135	120	111	103	116	107	106	97	105	117	116	120	108	93	96
96983879		JOY 190137		73	71	61	60	48	59	68	28	53	22	46	4.17	1.0	45	26.5	13.4	159	42.9	122	42	-63	0.7	16.4	-7.3	-1.5	41.9	10	32	1.51	-0.98	-0.36
														47	75	66	60	71	61	64	66	36	36	17	45	44	57	30	57	43	39	21	23	21
JOY 240095	1	JOY 180011		103	94	121	99	81	94	101	92	92	91	99	104	97	98	94	121	114	95	94	100	96	108	105	86	74	113	88	88	96	90	92
96983895		JOY 160076		73	72	60	57	46	58	68	22	51	18	23	0.51	-1.2	19	11.8	10.2	107	20.9	56	35	-30	0.8	15.9	-1.3	4.0	39.4	-13	3	0.31	-1.49	-0.70
														41	76	65	57	72	60	63	66	29	44	15	45	43	54	28	55	42	38	18	19	18
JOY 240102	1	JOY 180011		118	89	117	95	102	104	95			92	103	123	101	103	89	117	102	90	94	112	100	108	104	109	89	113	100	92	86	98	98
96983945		JOY 120111		74	73	61	57	45	59	69			16	27	-1.47	-1.7	27	9.0	9.0	79	16.4	58	66	-37	0.7	15.0	-14.0	1.3	39.4	-3	6	-0.71	-0.31	-0.25
														42	77	65	57	73	61	64	68	25	43	11	43	41	53	26	55	40	36	15	16	15
JOY 240112	2	JOY 200204		75	127	125	80	104	123	132	107	121	100	123	70	85	121	127	125	131	126	112	125	114	94	109	96	103	112	110	115	108	91	90
96983994		JOY 200168		70	70	52	48	41	54	64	24	48	18	54	4.09	0.4	53	29.4	11.3	148	48.5	125	97	-60	0.0	18.1	-6.9	-1.1	38.9	5	27	1.44	-1.39	-0.93
														34	74	59	48	70	52	57	64	29	46	16	47	45	50	24	49	44	40	17	19	18
JOY 240151	1	CEF 130317		99	128	95	83	106	124	128	129	127	129	118	96	113	119	128	95	110	129	131	102	126	101	116	93	109	108	108	126	123	112	128
98160484		JOY 180132		71	72	63	62	51	60	69	50	58	52	47	1.40	-3.4	50	29.7	2.3	98	51.0	197	40	-80	0.4	22.1	-4.9	-2.1	36.5	3	37	2.99	1.89	2.34
														59	74	66	62	72	63	66	67	53	50	45	55	55	55	39	59	55	54	51	52	51
JOY 240155	1	CEF 130317		104	114	104	96	110	122	118	125	124	123	101	103	104	102	114	104	115	118	128	96	120	107	118	97	112	106	100	117	115	116	122
98789001		JOY 180143		71	72	63	62	51	60	69	49	58	50	24	0.67	-2.1	25	22.3	5.0	109	41.3	186	26	-69	0.7	23.7	-7.3	-2.6	35.6	-3	29	2.20	2.62	1.80
														59	74	66	62	72	63	66	66	53	51	44	55	55	55	39	59	54	54	50	51	50
JOY 240158	1	GFM 210178		85	121	118	75	106	118	125	110	117	119	126	87	101	128	121	118	117	121	112	82	109	102	110	98	111	97	120	120	105	98	101
98160492		JOY 210008		65	68	47	46	34	51	61	26	46	18	58	2.39	-1.8	64	26.2	9.2	115	43.4	124	-7	-51	0.4	18.5	-8.1	-2.6	30.0	13	31	1.21	-0.22	0.05
														42	71	53	46	68	47	54	60	35	28	14	46	44	35	21	45	42	37	18	19	18
JOY 240161	1	MCU 170224		108	97	92	102	90	90	92	93	89	97	95	114	90	96	97	92	92	95	96	75	89	90	92	92	92	100	93	91	103	110	102
98160948		JOY 220082		69	70	57	58	41	56	66	29	51	24	17	-0.47	-0.3	17	13.1	1.3	54	20.8	64	-25	-19	-0.2	8.2	-4.3	0.9	32.1	-9	6	0.95	1.67	0.15
														49	73	62	58	70	57	62	66	41	48	15	51	49	48	24	51	49	45	23	26	23

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 240162 98160526	1	CEF 130317 JOY 190053			115 71	111 72	86 63	104 62	97 50	112 60	114 69	126 48	115 58	123 50	94 16 58	111 -0.12 74	116 -3.7 66	95 15 62	111 20.9 72	86 -0.5 63	101 76 66	113 36.5 68	126 176 51	96 27 53	121 -71 44	107 0.7 54	116 22.6 54	97 -7.3 54	94 0.4 38	104 34.1 59	101 -3 54	114 26 53	119 2.61 50	114 2.22 51	126 2.10 50
JOY 240164 98160542	1	CEF 130317 JRP 150030			103 73	120 73	88 65	82 62	106 53	114 61	117 70	126 52	117 59	122 54	119 49 57	97 1.26 76	119 -4.2 67	121 54 62	120 25.9 73	88 0.0 65	98 68 67	125 46.9 68	126 179 56	104 46 50	124 -76 48	94 0.0 57	110 18.5 57	98 -7.8 56	108 -1.9 42	103 33.6 61	104 0 57	121 32 56	126 3.24 54	108 1.36 55	133 2.72 54
JOY 240165 98160955	1	MCU 170224 JOY 220075			100 69	101 70	101 57	97 58	99 41	99 56	97 66	96 28	97 50	103 24	99 21 49	108 0.17 73	85 0.4 62	102 25 58	101 15.7 70	101 3.9 57	101 75 62	100 24.9 66	98 71 40	80 -13 48	91 -22 15	90 -0.2 50	94 9.5 49	96 -7.0 47	101 -0.7 24	102 32.8 51	97 -6 48	96 10 45	104 1.12 22	111 1.72 25	108 0.63 23
JOY 240173 98160575	1	JOY 200204 BP 130056			99 71	105 72	142 56	84 50	110 39	125 55	119 66	105 25	122 49	100 20	114 43 39	100 0.95 75	102 -1.9 60	115 43 50	105 17.4 72	142 16.4 56	129 144 59	111 34.4 66	109 115 31	109 57 44	113 -57 17	103 0.5 49	103 14.7 47	102 -10.5 42	111 -2.5 23	106 35.3 51	109 4 46	112 24 24	97 0.41 19	99 -0.04 20	103 0.24 19
JOY 240183 98160674	1	CEF 130317 JOY 150088			116 73	105 73	80 64	97 63	116 51	110 61	99 70	110 48	110 58	106 50	100 24 54	113 -0.38 75	117 -3.9 67	103 26 63	105 17.4 73	80 -2.4 64	86 39 67	110 34.3 68	112 126 52	106 52 48	109 -51 44	100 0.3 54	120 24.6 54	112 -15.8 55	113 -2.8 39	105 35.2 60	92 -9 53	98 12 52	101 0.76 49	115 2.40 50	123 1.87 49
JOY 240184 98160682	1	CEF 130317 JOY 190006			96 71	121 71	76 63	85 62	116 51	111 60	110 68	130 50	116 58	121 50	114 42 59	91 1.87 74	114 -3.4 66	119 50 62	121 26.4 71	76 -3.8 63	90 50 65	123 45.8 68	130 194 54	107 53 49	118 -66 45	102 0.5 55	123 26.2 55	105 -11.8 55	121 -4.2 39	102 33.2 60	96 -6 55	111 23 54	108 1.49 50	108 1.29 51	124 1.97 50
JOY 240186 98160708	1	CEF 130317 JOY 150036			111 73	113 73	93 65	93 63	95 52	110 61	114 70	126 50	114 59	120 51	106 32 55	106 0.37 76	118 -4.0 67	107 33 63	113 21.9 73	93 1.6 65	102 79 67	120 42.7 68	128 185 54	102 40 51	118 -66 45	107 0.7 56	118 23.4 55	91 -3.8 56	97 -0.1 40	101 32.5 61	95 -7 55	111 24 54	113 2.02 51	116 2.58 51	119 1.57 51
JOY 240191 98161011	1	MCU 170224 JOY 220144			86 69	108 70	89 58	89 58	110 42	96 56	93 66	102 30	96 51	102 26	107 33 49	93 1.75 73	85 0.4 62	112 39 58	108 19.2 70	89 0.3 58	92 55 62	108 32.1 66	106 100 42	101 38 46	104 -44 16	92 -0.1 51	87 4.8 50	103 -10.8 49	115 -3.3 25	97 30.3 52	106 2 49	104 17 46	100 0.71 24	114 2.30 27	105 0.41 24
JOY 240192 98161029	1	MCU 170224 JOY 220148			86 69	107 70	84 58	98 58	109 42	94 56	92 66	98 32	94 51	98 28	98 21 50	90 1.99 73	83 0.8 62	101 24 58	107 18.6 70	84 -1.3 58	92 53 62	105 29.5 66	101 85 44	90 12 47	103 -42 19	81 -0.7 52	78 -0.3 51	101 -9.5 49	117 -3.5 26	97 29.8 52	103 -1 50	102 15 47	106 1.24 26	106 1.02 26	111 0.85 26
JOY 240195 98160732	1	CEF 130317 JOY 170112			122 72	110 72	78 63	88 62	111 51	112 60	103 69	121 48	114 58	119 50	112 40 58	119 -1.04 75	122 -4.6 66	114 42 62	110 20.1 72	78 -3.2 63	84 34 66	115 38.1 68	122 161 51	99 33 50	116 -63 44	105 0.6 54	122 25.7 53	107 -13.0 55	108 -1.9 39	107 36.0 60	93 -9 53	105 18 52	108 1.46 50	112 1.94 50	126 2.14 50
JOY 240196 98160740	1	CEF 130317 JOY 160033			103 73	105 73	87 64	102 62	107 51	104 61	101 70	109 48	104 58	108 50	94 15 54	100 0.98 76	106 -2.4 67	97 18 62	105 17.8 73	87 -0.3 64	95 62 66	110 33.5 68	112 126 52	96 25 53	109 -51 44	106 0.7 56	121 25.1 55	97 -7.1 55	111 -2.5 39	103 33.5 60	88 -13 55	97 11 54	101 0.75 49	117 2.80 50	122 1.79 49
JOY 240200 98160773	1	CEF 130317 JOY 180015			110 72	111 72	80 63	92 62	107 51	107 60	103 69	124 48	111 58	120 50	107 33 58	109 0.04 74	112 -3.2 66	109 36 62	111 20.7 72	80 -2.3 63	89 47 66	118 40.9 68	126 178 51	118 79 54	121 -72 44	99 0.3 55	126 28.2 55	96 -6.6 55	109 -2.2 39	109 37.0 59	98 -5 54	113 25 53	111 1.82 49	113 2.09 50	127 2.25 49

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 240207 98160831	1	JOY 200204 JOY 110010			107 71	102 72	107 57	92 49	103 38	108 55	103 66	87 20	103 48	85 14	107 33 31	109 0.05 75	103 -2.0 59	107 32 49	102 16.0 72	107 5.8 57	104 83 59	104 28.4 64	92 48 26	107 54 48	102 -41 12	102 0.5 47	100 12.9 45	99 -8.2 42	109 -2.1 22	98 30.5 51	100 -3 44	92 7 39	87 -0.58 13	93 -1.00 15	92 -0.76 13
JOY 240209 98160856	1	GFM 210178 JOY 210036			87 65	114 68	106 47	78 46	102 33	104 50	111 61	104 26	104 45	112 19	123 54 41	88 2.27 71	102 -1.9 53	126 61 46	114 22.6 68	106 5.6 47	104 83 54	112 35.9 59	108 109 34	83 -4 21	107 -48 14	100 0.3 44	109 18.3 42	94 -5.8 34	108 -2.0 20	99 31.0 44	113 7 40	114 26 36	104 1.03 18	97 -0.46 20	99 -0.18 18
JOY 240210 98160864	1	CEF 130317 JOY 180023			118 72	105 72	77 64	108 62	103 52	106 60	103 69	117 50	108 58	111 50	90 10 58	113 -0.38 74	116 -3.8 66	91 9 62	105 17.4 72	77 -3.4 64	88 45 66	109 32.8 68	118 149 54	112 65 50	113 -58 45	108 0.8 55	117 23.0 55	100 -9.0 56	102 -0.9 40	105 34.8 60	86 -14 55	100 13 54	108 1.47 50	116 2.65 51	118 1.43 50
JOY 240213 98160898	1	CEF 130317 JOY 190042			93 71	120 71	99 62	93 62	94 50	111 59	120 68	134 48	117 57	130 50	106 32 59	92 1.83 74	102 -1.9 66	106 32 62	120 25.7 71	99 3.3 62	114 106 65	125 47.0 68	133 205 52	96 26 49	125 -78 44	106 0.7 53	121 25.3 53	96 -6.6 54	90 1.2 39	105 35.1 58	105 1 53	123 34 52	125 3.22 50	115 2.47 51	129 2.38 50
JOY 240215 98160914	2	CEF 130317 JOY 150066			93 73	117 73	66 65	96 62	104 51	96 61	100 70	127 48	102 58	119 50	105 31 54	88 2.27 76	110 -2.9 67	105 29 62	117 23.9 73	66 -6.9 65	84 35 67	120 42.9 68	126 177 52	117 78 48	119 -68 44	102 0.4 54	107 17.2 53	100 -9.2 55	103 -1.2 39	105 34.8 60	94 -8 53	109 22 52	115 2.22 50	111 1.79 50	123 1.91 50
JOY 240221 98159858	1	CEF 130317 JOY 170126			103 72	108 72	81 64	95 63	100 52	98 61	99 69	120 50	102 59	111 50	104 29 59	103 0.68 74	105 -2.3 66	105 29 63	108 19.3 72	81 -2.1 64	89 46 66	119 41.6 68	121 158 53	106 51 50	114 -60 45	107 0.7 55	112 20.1 54	101 -9.9 56	96 0.2 40	105 34.9 60	88 -13 54	102 15 54	106 1.32 50	115 2.49 51	119 1.56 50
JOY 240222 98159866	1	CEF 130317 JOY 170144			86 72	131 72	108 63	83 63	107 51	127 60	134 69	135 48	131 58	134 50	117 46 55	83 2.70 75	105 -2.2 67	118 49 63	131 31.4 72	108 6.1 63	123 129 66	133 54.7 68	138 223 53	112 65 54	128 -83 44	105 0.6 57	123 26.4 56	96 -7.0 56	108 -2.0 39	107 36.3 59	114 8 55	134 44 54	121 2.80 50	117 2.69 50	127 2.25 50
JOY 240228 98159890	1	JOY 200204 JOY 110038			75 71	122 72	140 56	76 47	101 38	123 55	133 66	106 20	121 48	100 16	126 58 30	75 3.55 75	91 -0.4 59	126 60 47	122 26.6 72	140 15.9 56	135 159 58	118 41.0 65	111 122 23	117 77 44	118 -65 15	97 0.1 42	104 15.2 41	93 -4.9 41	107 -1.8 22	102 33.1 50	126 17 40	124 35 35	102 0.84 16	87 -1.94 17	94 -0.60 16
JOY 240229 98159908	1	JOY 200204 JOY 120027			78 71	116 72	119 57	81 49	110 38	114 55	116 66	98 20	111 48	92 16	121 51 33	81 2.95 75	93 -0.6 59	121 53 49	116 23.5 72	119 9.6 57	118 117 59	113 36.5 66	102 86 24	112 66 44	111 -55 15	96 0.1 43	95 9.7 41	100 -8.9 42	113 -2.9 23	106 35.2 50	112 7 40	108 20 36	93 -0.05 16	90 -1.50 17	93 -0.69 16
JOY 240230 98159916		CEF 130317 JOY 140087			102 72	97 73	84 65	95 61	104 50	88 60	84 70	118 46	93 57	109 49	101 25 50	106 0.38 75	97 -1.2 66	105 29 61	97 13.2 73	84 -1.3 65	81 27 66	112 35.6 68	118 147 50	124 94 48	117 -65 43	104 0.6 51	111 19.5 51	101 -9.9 52	101 -0.7 38	103 33.8 59	94 -8 50	101 14 50	98 0.53 49	119 3.01 49	126 2.15 49
JOY 240234 98159957	1	GFM 210178 JOY 210017			100 65	97 68	109 47	89 46	106 33	100 50	94 61	102 26	100 45	104 18	106 31 41	103 0.69 71	100 -1.5 53	110 37 46	97 13.3 68	109 6.5 47	99 72 54	103 27.9 60	104 95 34	98 32 28	107 -47 14	104 0.5 46	103 14.6 44	100 -9.3 35	109 -2.1 20	100 32.0 45	109 4 42	105 18 37	91 -0.18 18	100 0.10 19	99 -0.16 18
JOY 240237 98159973	1	GFM 210178 JOY 180041			81 66	119 68	96 49	81 46	81 34	91 51	110 61	99 24	91 46	109 17	118 48 41	86 2.42 72	90 -0.3 54	122 54 46	119 25.3 68	96 2.6 49	103 81 54	114 37.4 60	99 77 32	93 20 28	99 -34 12	108 0.8 44	116 22.3 42	78 3.8 34	89 1.5 21	96 29.6 46	106 2 40	104 17 35	99 0.63 16	93 -0.99 18	102 0.08 16

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 240239 98159999	2	JOY 200204 JOY 070020		71 71	131 73	149 57	71 49	85 41	125 56	147 67	119 26	126 50	112 22	137 73	65 4.59	82 0.9	133 70	131 31.6	149 18.8	145 182	133 54.6	122 164	122 90	123 -74	105 0.6	120 24.7	80 2.3	87 1.7	108 36.6	128 19	131 41	109 1.57	92 -1.15	97 -0.28
JOY 240247 98161110	1	MCU 170224 JOY 220113		90 69	105 70	89 58	92 58	110 42	95 56	91 66	93 30	93 51	96 24	106 31	96 1.44	87 0.1	109 35	105 17.5	89 0.3	91 51	105 29.9	98 72	100 36	98 -33	86 -0.4	87 5.2	102 -10.0	116 -3.4	100 31.8	103 -1	99 12	99 0.57	112 1.98	104 0.27
JOY 240252 98160088	15	JOY 220062 JOY 210045		72 67	132 68	137 50	68 48	92 35	124 52	144 62	117 24	125 46	116 20	141 78	78 3.31	91 -0.4	137 77	132 32.3	137 15.1	135 157	136 56.9	120 153	137 126	125 -78	111 0.9	110 18.6	89 -2.5	94 0.5	105 34.6	124 16	134 43	117 2.42	90 -1.57	94 -0.53
JOY 240255 98160112	3	GCD 140143 JOY 170108		76 71	118 72	131 62	82 60	106 46	119 59	123 68	104 28	117 53	104 22	120 50	80 3.09	89 -0.1	118 48	118 24.4	131 13.1	130 145	117 40.3	108 110	108 54	114 -60	109 0.8	97 10.8	97 -7.6	105 -1.5	111 38.4	112 7	115 27	102 0.92	94 -0.90	95 -0.47
JOY 240258 98160146	1	JOY 220062 JOY 120168		74 69	121 71	139 55	78 49	82 36	111 54	130 65	112 20	112 47	108 16	125 56	71 4.04	84 0.6	122 55	121 26.0	139 15.8	136 160	124 46.0	117 142	137 126	121 -71	95 0.0	108 17.3	82 1.5	82 2.6	107 36.1	124 16	128 38	105 1.19	93 -1.01	101 -0.01
JOY 240260 98160161	9	JOY 220062 JOY 210009		121 67	98 69	117 51	93 48	89 37	109 53	109 63	102 25	108 47	95 20	107 33	121 -1.23	113 -3.4	105 29	98 14.1	117 8.8	110 97	106 30.4	105 100	126 98	112 -56	111 1.0	98 11.6	95 -6.5	87 1.8	102 33.2	99 -4	104 17	103 0.97	92 -1.25	90 -0.92
JOY 240261 98161136	1	MCU 170224 JOY 220146		94 69	119 70	96 58	83 58	113 42	115 56	113 66	102 30	113 51	109 26	117 47	98 1.15	97 -1.2	120 51	119 24.9	96 2.4	103 80	113 36.2	106 101	89 9	102 -40	88 -0.3	92 8.3	98 -7.7	119 -4.0	104 34.1	110 5	110 23	110 1.65	110 1.69	106 0.42
JOY 240264 98160179	4	JOY 180011 JOY 170014		91 71	103 72	128 60	91 57	89 43	103 58	109 68	95 25	101 51	93 22	107 33	97 1.30	86 0.3	107 33	103 16.7	128 12.4	122 127	108 31.7	98 70	117 77	104 -43	107 0.7	112 19.7	96 -6.8	84 2.2	107 35.9	97 -5	98 12	95 0.23	87 -1.98	100 -0.06
JOY 240268 98160211	1	GCD 140143 JOY 170002		78 72	126 73	143 62	79 60	118 45	140 59	141 69	111 28	137 53	105 22	123 55	68 4.29	92 -0.5	122 55	126 28.7	143 16.8	143 177	124 46.6	117 143	127 102	125 -78	95 0.0	107 17.0	96 -6.7	124 -4.7	112 39.3	123 15	127 38	105 1.16	90 -1.53	95 -0.51
JOY 240270 98161094	1	MCU 170224 JOY 220141		92 69	103 70	96 58	92 58	110 42	98 56	93 66	99 31	98 51	99 26	105 30	99 1.07	87 0.2	108 34	103 16.4	96 2.5	95 61	106 30.7	104 93	102 -39	101 -0.2	91 51	84 3.0	100 -9.2	116 -3.4	101 32.2	102 -1	102 15	101 0.82	114 2.27	102 0.10
JOY 240278 98160260	2	JOY 200204 JOY 110126		80 71	123 72	119 57	71 49	101 39	115 56	126 66	111 20	115 49	103 15	133 68	82 2.90	101 -1.7	134 72	123 27.4	119 9.7	117 114	128 49.7	117 144	136 123	127 -80	107 0.7	117 23.1	91 -4.0	102 -1.0	111 38.4	126 17	123 34	99 0.54	94 -0.84	99 -0.17
JOY 240279 98160278	1	JOY 200204 JOY 120118		86 71	105 72	121 56	91 48	114 38	112 55	106 66			89 12	108 34	91 1.94	86 0.2	108 34	105 17.7	121 10.2	118 116	108 31.7	102 88	123 92	113 -59	97 0.2	114 21.2	102 -10.3	117 -3.5	106 35.6	109 4	103 17	91 -0.26	93 -1.05	95 -0.50

Breeding Values and Accuracies: Cows & Heifers

														Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																		
Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID	Inbreeding	Genomic	Index	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 240281				JOY 220062		73	136	139	70	91	130	151	121	130	119	135	66	86	135	136	139	141	135	124	130	121	113	110	83	93	108	125	135	113	97	101
98160294	8			JOY 210010		67	68	50	48	34	52	62	22	46	16	71	4.50	0.3	73	34.4	15.8	172	55.9	171	109	-71	1.0	18.7	0.8	0.7	36.8	17	45	1.95	-0.38	0.05
																39	72	55	48	68	50	55	60	29	32	13	37	36	37	21	44	35	32	15	17	15
JOY 240287				JOY 220062		82	118	138	88	77	112	130	111	113	104	114	84	90	110	118	138	141	118	115	133	116	114	110	81	78	104	112	120	109	92	92
98160351	3			JOY 210003		67	69	51	48	37	53	63	24	47	20	42	2.60	-0.2	37	24.6	15.2	173	41.5	135	115	-63	1.1	18.5	2.0	3.4	34.1	7	31	1.59	-1.13	-0.77
																40	72	56	48	69	51	56	61	31	33	16	38	37	39	25	46	36	34	19	20	19
JOY 240294				JOY 180011		84	106	122	79	80	91	105	102	91	102	119	91	89	123	106	122	111	108	101	100	97	100	110	79	84	106	98	97	98	87	101
98160393	2			JOY 190047		70	71	59	56	41	56	67	24	50	18	50	1.91	-0.1	56	18.1	10.5	100	32.5	81	36	-31	0.3	18.8	2.7	2.3	35.2	-5	11	0.50	-2.00	0.00
																47	74	62	56	71	59	62	66	30	47	16	47	45	46	25	52	44	40	17	19	17
JOY 250001				CEF 130317		100	126	86	84	117	123	122	126	126	127	116	95	116	119	126	86	102	124	130	102	124	105	129	111	112	109	107	122	118	119	126
98855232	1			JOY 160028		73	73	64	62	51	61	70	48	58	50	45	1.47	-3.7	49	28.7	-0.7	77	46.5	194	40	-76	0.6	30.3	-15.2	-2.7	37.1	3	33	2.52	3.02	2.11
																55	76	67	62	73	64	66	68	52	50	44	55	55	55	39	60	54	53	50	51	50
JOY 250003				CEF 130317		101	110	81	94	112	105	100	123	109	120	103	103	100	107	110	81	90	119	122	101	116	102	119	106	110	107	98	109	106	119	130
98855257	1			JOY 200180		71	71	61	61	49	59	68	48	57	50	27	0.63	-1.5	32	20.6	-2.2	49	42.0	163	39	-62	0.4	23.9	-12.5	-2.3	35.8	-5	21	1.29	3.05	2.44
																51	74	65	61	71	61	64	66	51	48	43	53	53	53	37	57	52	51	49	50	49
JOY 250004				MCU 170224		95	106	69	95	112	91	85	97	90	103	101	102	87	106	106	69	76	102	100	84	93	78	85	100	120	97	100	97	105	121	110
98856313	26			JOY 230062		69	70	56	54	41	55	65	30	50	26	25	0.81	0.2	30	18.1	-5.9	16	26.6	80	-3	-24	-0.9	3.6	-9.3	-4.0	30.3	-3	11	1.21	3.30	0.77
																44	73	61	54	70	56	60	64	43	48	15	52	51	48	24	50	50	47	24	27	24
JOY 250006				CEF 130317		108	118	97	83	119	126	119	130	129	127	116	104	118	119	118	97	104	124	133	113	127	103	120	104	118	112	108	124	115	119	125
98855265	1			JOY 190105		71	71	63	62	51	60	68	48	58	50	45	0.52	-3.9	50	24.5	2.9	82	46.7	203	66	-81	0.5	24.9	-11.4	-3.8	39.4	3	35	2.23	2.99	2.06
																54	74	66	62	71	63	65	68	53	50	44	55	54	56	39	59	54	53	50	51	50
JOY 250008				CEF 130317		117	109	84	91	116	115	104	123	118	119	107	114	119	110	109	84	90	118	123	99	114	103	116	109	112	109	95	107	106	119	128
98855281	1			JOY 200140		71	71	62	61	50	59	68	48	57	50	33	-0.49	-4.1	37	19.5	-1.1	49	40.8	167	34	-59	0.5	22.2	-14.0	-2.7	37.4	-7	20	1.30	3.13	2.33
																52	74	65	61	71	62	65	67	52	48	43	54	54	54	38	58	53	52	49	50	49
JOY 250012				JOY 220062		89	126	121	76	97	123	134	106	121	103	128	91	102	127	126	121	124	124	109	140	115	109	110	93	98	106	112	116	101	93	98
98855323	3			JOY 170053		69	71	53	49	38	54	65	26	48	24	60	1.94	-1.8	62	28.8	10.2	132	46.4	114	132	-61	0.8	18.7	-5.3	-0.2	35.7	6	28	0.79	-1.06	-0.24
																35	74	58	49	71	53	58	62	33	26	19	37	36	39	26	48	36	34	23	24	23
JOY 250014				JOY 220062		92	109	130	87	83	106	117	106	106	99	115	95	96	112	109	130	125	114	110	132	114	113	105	83	85	104	107	111	101	94	92
98855349	2			JOY 160076		69	71	54	49	38	54	65	24	48	20	43	1.48	-1.1	40	19.6	12.9	135	37.5	116	114	-59	1.1	15.7	0.9	2.1	34.1	2	23	0.80	-0.82	-0.74
																34	74	58	49	71	54	58	62	31	27	16	36	35	40	26	48	35	33	19	20	19
JOY 250018				MCU 170224		90	109	98	85	106	100	99	104	100	107	115	97	92	117	109	98	97	111	108	93	104	92	87	98	115	96	110	110	106	111	104
98856305	1			JOY 230073		69	70	56	54	42	55	65	30	50	26	43	1.34	-0.5	47	19.6	3.1	67	34.5	108	19	-43	-0.1	4.7	-8.1	-3.2	29.6	5	23	1.32	1.73	0.28
																44	73	60	54	70	56	60	64	42	46	16	50	49	49	24	52	49	45	24	27	24
JOY 250019				MCU 170224		99	98	91	89	101	88	85	97	88	100	109	107	91	111	98	91	85	103	98	89	94	90	90	98	103	102	97	94	102	112	105
98856321	1			JOY 230069		69	70	56	53	41	55	65	28	50	24	35	0.30	-0.4	39	14.0	0.9	38	27.4	73	9	-27	-0.2	7.1	-8.2	-1.1	32.8	-6	9	0.85	1.88	0.35
																42	73	60	53	70	56	60	64	40	48	15	50	49	48	24	50	48	45	22	25	23

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250023 98856347	1	MCU 170224 JOY 230079			84 69	109 70	96 56	88 54	116 42	103 55	97 65	101 30	102 50	105 26	110 37	92 1.77	82 0.8	113 42	109 20.0	96 2.5	98 70	110 34.2	105 96	100 36	101 -39	86 -0.4	91 7.6	102 -10.5	122 -4.5	101 32.5	107 2	106 19	107 1.42	111 1.80	105 0.40
JOY 250029 98855414	1	CEF 130317 JOY 150028			108 73	110 73	92 65	94 62	104 51	110 61	108 70	127 48	114 58	122 50	105 30	106 0.39	113 -3.3	106 31	110 20.1	92 1.4	99 71	116 39.7	129 187	111 63	121 -71	97 0.2	118 23.2	93 -4.9	109 -2.1	104 34.1	104 0	118 29	111 1.78	116 2.58	129 2.39
JOY 250034 98856420	1	MCU 170224 JOY 230077			97 69	106 70	86 57	98 54	108 42	100 56	96 65	100 31	99 51	102 26	100 23	102 0.76	89 -0.2	101 24	106 18.0	86 -0.5	93 56	105 29.2	105 97	97 29	101 -38	90 -0.3	84 3.4	99 -8.5	114 -3.0	100 32.0	101 -2	103 16	105 1.23	112 1.90	102 0.13
JOY 250037 98855430	1	CEF 130317 JOY 200033			96 71	115 71	88 62	94 61	92 50	100 59	109 68	127 48	106 57	121 50	105 30	93 1.74	107 -2.5	105 30	115 22.8	88 0.1	101 75	123 45.7	127 180	102 41	120 -70	105 0.6	114 21.1	92 -4.7	88 1.6	108 36.4	92 -10	110 23	122 2.90	111 1.85	122 1.77
JOY 250042 98855489	1	CEF 130317 JOY 200181			98 71	117 71	90 61	90 61	112 50	114 59	111 68	126 48	117 57	124 50	108 35	97 1.29	105 -2.2	111 38	117 23.9	90 0.6	101 76	122 44.7	125 175	97 28	115 -61	102 0.4	117 22.7	104 -11.4	106 -1.7	112 39.3	96 -6	111 23	111 1.75	117 2.69	129 2.43
JOY 250043 98855497	1	JOY 220062 JOY 170050			75 69	124 71	142 53	77 49	97 36	125 54	136 65	115 22	124 48	109 20	125 57	75 3.63	90 -0.2	124 57	124 27.8	142 16.5	140 169	123 45.8	119 152	139 131	124 -76	106 0.7	117 22.9	92 -4.7	97 -0.1	107 36.0	126 18	129 40	106 1.29	99 -0.18	98 -0.25
JOY 250052 98855562	2	JOY 220062 JOY 170054			88 69	113 70	130 52	85 47	91 35	113 53	121 64	108 21	112 47	98 16	116 45	88 2.23	100 -1.6	114 42	113 21.9	130 13.0	128 142	117 40.4	110 118	145 144	120 -70	98 0.2	109 18.3	88 -2.0	96 0.2	101 32.6	113 7	115 27	100 0.66	89 -1.67	96 -0.37
JOY 250053 98855570	1	CEF 130317 JOY 190162			97 71	125 71	76 63	80 62	111 51	111 60	114 68	130 48	116 58	126 50	123 55	94 1.60	114 -3.5	125 59	125 28.2	76 -3.6	91 52	129 50.9	130 193	110 61	122 -73	107 0.7	122 25.8	106 -12.8	109 -2.2	104 34.5	100 -3	116 28	116 2.25	115 2.49	123 1.90
JOY 250058 98855620	5	JOY 220143 JOY 210133			75 67	118 69	130 49	81 47	106 34	117 52	122 62			102 14	121 51	72 3.91	85 0.4	120 51	118 24.6	130 12.8	128 142	118 41.3	104 93	114 71	110 -53	107 0.7	109 18.1	104 -11.5	101 -0.7	109 37.3	107 3	107 20	101 0.73	91 -1.40	97 -0.29
JOY 250059 98855638	3	JOY 220143 JOY 210192			76 67	122 68	106 49	78 48	106 34	109 51	116 62	102 20	107 45	104 17	125 58	79 3.19	94 -0.8	125 48	122 68	106 49	110 55	121 43.5	105 99	117 78	108 -50	98 0.2	97 10.8	98 -8.2	107 -1.8	106 35.6	107 2	108 21	105 1.23	100 0.09	99 -0.13
JOY 250065 98855695	1	JOY 220062 JOY 170129			73 68	136 69	128 52	67 48	97 37	126 53	144 63	111 20	125 46	113 17	141 79	73 3.81	92 -0.5	140 81	136 34.1	128 12.2	129 144	133 54.4	114 131	132 113	118 -66	110 0.9	117 22.9	95 -6.0	99 -0.3	102 32.8	121 14	124 35	108 1.47	94 -0.95	99 -0.13
JOY 250066 98855703	1	JOY 220062 JOY 120111			91 69	107 71	130 55	83 49	103 37	112 54	112 65	108 21	112 47	99 17	118 47	96 1.36	93 -0.6	117 48	107 18.4	130 12.9	120 123	112 36.1	109 115	146 147	117 -65	112 1.0	103 14.4	104 -11.4	100 -0.5	104 34.1	118 11	113 25	90 -0.33	102 0.36	97 -0.30

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250067 98855711	5	JOY 220143 JOY 210170		77 66	134 68	115 48	76 48	109 34	128 51	138 62	102 20	125 45	110 17	129 62 35	73 3.78 72	94 -0.8 55	128 63 48	134 33.3 68	115 8.3 48	126 136 55	129 50.9 60	108 108 27	101 37 31	106 -47 11	97 0.2 35	106 16.6 34	98 -7.7 37	111 -2.5 21	107 35.8 44	109 4 33	114 26 30	113 1.96 16	98 -0.19 18	99 -0.11 16
JOY 250069 98856438	1	MCU 170224 JOY 230081		82 69	111 70	98 57	87 54	113 42	103 56	100 65	104 30	103 51	107 26	110 37 44	87 2.35 73	87 0.2 61	114 42 54	111 21.1 70	98 3.0 57	101 77 60	111 35.1 64	109 114 42	99 33 46	107 -48 16	87 -0.4 51	91 7.4 50	99 -8.3 49	120 -4.1 25	102 32.8 52	112 6 49	112 24 46	107 1.37 24	115 2.40 27	105 0.38 24
JOY 250079 98855786	4	JOY 220143 JOY 210122		80 67	116 68	127 49	84 47	109 34	120 51	121 62			98 14	117 47 32	81 2.94 72	95 -0.9 55	116 45 47	116 23.7 68	127 12.1 49	127 140 55	115 38.1 60	98 72 22	109 57 28	105 -44 10	102 0.5 31	111 19.1 30	105 -11.7 37	105 -1.4 20	111 38.3 44	104 0 29	103 16 27	101 0.74 13	90 -1.56 14	96 -0.43 13
JOY 250083 98855828	14	JOY 220143 JOY 210224		80 67	118 68	135 49	86 48	115 35	130 52	128 62	105 22	127 46	105 19	114 42 36	78 3.32 72	96 -1.1 55	113 41 48	118 24.7 68	135 14.4 49	137 163 55	117 39.8 60	109 114 28	115 73 26	117 -65 15	99 0.2 35	101 13.7 34	103 -10.6 38	114 -3.1 22	112 39.3 46	114 8 33	118 30 30	112 1.92 18	89 -1.65 20	101 0.01 18
JOY 250094 98855901	2	JOY 180011 JOY 180129		78 70	113 71	120 59	81 56	95 41	102 56	111 67	97 22	100 49	97 19	120 50 43	84 2.69 74	88 0.0 62	120 52 56	113 21.7 71	120 9.9 59	116 112 62	116 39.6 66	98 71 27	107 52 44	106 -46 14	106 0.6 44	103 14.8 43	99 -8.6 47	86 2.0 25	112 39.3 52	97 -6 42	98 12 38	103 1.03 18	87 -1.94 20	95 -0.46 18
JOY 250100 98855968	2	JOY 180011 JOY 190116		79 70	114 70	134 57	83 56	90 42	110 56	120 66	98 22	107 49	102 18	117 46 41	86 2.49 74	85 0.5 62	117 47 56	114 22.5 70	134 14.2 57	130 146 61	113 36.5 61	101 83 27	98 31 45	104 -44 14	100 0.3 45	106 16.2 43	89 -2.9 47	85 2.1 26	115 41.0 52	102 -1 42	105 18 38	102 0.86 18	89 -1.72 19	100 -0.09 18
JOY 250102 98855984	4	JOY 220143 JOY 210152		74 67	122 69	133 49	82 47	102 34	121 52	129 62			103 14	119 49 33	68 4.28 72	81 1.0 55	118 49 47	122 26.8 69	133 13.7 49	135 158 55	117 40.2 60	103 91 22	104 45 29	108 -49 10	106 0.6 32	108 17.6 31	99 -8.5 38	95 0.2 21	113 39.7 44	108 4 30	109 22 27	102 0.88 13	91 -1.41 15	96 -0.37 13
JOY 250103 98855992	15	JOY 220143 JOY 210178		77 67	126 68	135 49	81 48	113 35	134 52	137 62	105 21	130 46	104 16	121 52 35	65 4.67 72	88 0.0 55	120 51 48	126 28.8 68	135 14.4 49	139 167 55	124 46.8 60	111 122 27	133 115 26	119 -67 13	106 0.6 33	104 15.4 32	102 -10.0 39	112 -2.6 22	111 38.5 45	113 7 32	119 30 29	107 1.37 16	91 -1.29 17	92 -0.72 16
JOY 250104 98856008		JOY 200204 JOY 130042		92 70	97 72	110 56	94 47	111 36	101 54	94 66			82 12	105 30 30	97 1.24 75	88 0.1 58	105 29 47	97 13.5 72	110 6.9 56	104 82 58	100 25.2 64	94 57 25	115 72 43	107 -48 10	93 -0.1 44	105 15.6 42	102 -10.2 40	116 -3.4 20	101 32.2 49	102 -2 41	92 7 36	85 -0.81 12	93 -1.07 13	93 -0.64 12
JOY 250111 98856073	2	JOY 220062 JOY 180042		87 68	113 69	131 52	82 48	80 37	106 53	120 63	102 21	105 47	96 18	119 49 34	94 1.65 73	90 -0.2 56	118 48 48	113 22.0 69	131 13.2 52	126 137 56	118 40.7 61	103 92 27	150 156 31	113 -58 14	109 0.8 35	105 15.8 34	82 1.3 38	86 2.0 24	98 30.9 48	111 5 33	110 22 30	97 0.34 17	89 -1.61 18	99 -0.18 17
JOY 250113 98856511	1	MCU 170224 JOY 230050		76 69	115 70	96 56	87 54	105 42	98 55	102 65	106 30	99 50	108 26	112 39 44	81 2.91 73	84 0.6 61	114 43 54	115 22.9 70	96 2.5 56	103 80 60	112 36.0 64	109 113 42	99 33 46	106 -47 16	89 -0.3 51	88 5.5 50	89 -3.0 49	115 -3.3 25	102 33.1 52	109 4 49	110 22 46	111 1.74 24	112 1.92 27	107 0.54 24
JOY 250114 98856081	2	JOY 200204 JOY 200134		78 68	124 69	127 50	77 47	107 36	124 52	131 63	110 21	122 46	105 16	125 57 33	71 4.02 73	94 -0.8 56	125 59 47	124 28.0 69	127 11.9 50	128 141 55	125 47.1 64	115 135 28	107 53 45	116 -63 12	95 0.0 47	103 14.6 45	97 -7.1 41	106 -1.6 21	113 39.7 46	116 10 44	118 30 39	100 0.73 16	98 -0.34 17	100 -0.08 16

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
JOY 250120 98856131	2	JOY 180011 JOY 150138		81 71	109 72	112 60	97 57	80 42	93 57	108 68	91 22	91 50	89 18	104 29 40	86 2.47 75	79 1.3 63	101 23 57	109 19.8 72	112 7.5 60	119 118 63	108 32.4 67	93 55 28	104 45 44	95 -28 15	105 0.6 44	103 14.6 43	89 -2.7 47	72 4.4 27	109 37.3 53	85 -15 42	87 2 38	98 0.44 18	88 -1.84 19	92 -0.70 18
JOY 250123 98856164	2	JOY 220062 BP 130039		89 68	118 60	119 53	82 49	86 37	109 50	123 58	107 25	109 45	104 20	120 51 38	90 2.02 72	100 -1.5 57	119 50 49	118 24.6 60	119 9.6 53	121 124 54	123 45.7 54	112 123 31	139 129 24	120 -70 17	106 0.7 37	108 17.8 36	92 -4.5 36	86 1.9 25	99 31.2 49	116 9 35	119 31 32	105 1.21 19	96 -0.57 21	101 0.03 20
JOY 250150 99844631	1	MCU 170224 JOY 230226		102 69	98 70	76 55	100 51	113 40	92 55	83 65	96 30	91 50	95 26	98 20 42	105 0.44 73	94 -0.8 59	100 22 51	98 14.1 70	76 -3.7 55	78 19 59	101 26.0 58	100 78 41	100 35 48	100 -37 16	76 -1.0 52	84 3.4 51	108 -13.8 47	116 -3.5 24	99 31.3 50	97 -5 50	96 10 46	98 0.45 24	111 1.78 27	107 0.51 24
JOY 250152 99844623	2	MCU 170224 JOY 230219		90 69	112 70	90 55	89 51	108 40	102 55	100 65	108 30	102 50	106 26	109 35 41	94 1.61 73	94 -0.7 59	112 40 51	112 21.2 70	90 0.7 55	96 64 59	111 35.0 58	110 118 41	98 30 48	108 -49 16	85 -0.5 51	89 6.5 50	101 -9.4 47	112 -2.7 23	103 33.4 50	107 3 49	110 22 46	112 1.85 24	109 1.45 27	103 0.19 24
JOY 250158 99838443	1	CKB 190026 JOY 190043		131 69	107 71	107 55	106 53	107 39	132 55	125 65	104 33	129 51	99 44	95 17 48	127 -1.90 74	131 -5.8 59	92 11 53	107 18.7 71	107 6.0 55	118 116 60	107 31.4 58	104 96 44	110 61 32	99 -35 20	93 -0.1 52	100 13.0 51	113 -16.5 42	93 0.7 26	113 39.9 50	83 -17 50	99 12 47	113 1.93 42	82 -2.77 45	86 -1.23 42
JOY 250159 99838450	2	CKB 190026 JOY 210001		91 68	123 69	103 51	90 51	118 36	127 53	124 63	110 32	125 49	104 43	110 37 47	88 2.19 73	104 -2.1 57	110 36 51	123 27.1 69	103 4.5 51	117 115 57	121 43.5 56	109 113 43	120 83 25	107 -48 19	92 -0.1 48	93 8.5 48	123 -22.3 40	103 -1.2 22	112 39.1 47	95 -7 47	109 22 44	114 2.06 42	84 -2.45 44	90 -0.90 42
JOY 250160 99838468	10	JOY 230068 JOY 190151		86 67	112 68	121 49	79 47	94 33	106 51	114 62			100 12	123 55 38	91 1.93 73	94 -0.7 55	123 55 47	112 21.5 68	121 10.1 49	115 110 55	113 36.6 52	96 64 19	110 61 34	101 -38 8	94 0.0 33	112 20.2 32	81 1.9 36	98 -0.2 20	111 38.6 44	101 -2 31	102 15 27	102 0.89 11	88 -1.85 12	99 -0.15 11
JOY 250161 99838476		CKB 190026 JOY 190166		119 69	113 71	102 55	93 53	107 39	125 55	120 65	105 32	122 50	103 43	107 33 49	116 -0.68 74	118 -4.0 59	106 31 53	113 21.7 71	102 4.3 55	110 97 60	113 36.5 57	106 102 44	115 73 28	103 -42 19	96 0.1 50	101 13.3 49	116 -18.3 42	92 0.8 25	111 38.3 50	93 -9 48	106 19 45	113 2.03 42	82 -2.81 44	90 -0.89 42
JOY 250165 99838518	2	SYF 220011 JOY 220131		101 66	95 68	75 47	99 46	101 33	80 51	78 61	83 30	78 47	84 34	95 16 43	102 0.78 72	98 -1.3 54	101 23 46	95 12.1 68	75 -3.8 47	74 10 54	92 17.9 49	81 9 35	101 38 19	75 4 23	105 0.6 41	87 5.0 39	103 -10.9 36	99 -0.3 20	103 33.8 43	78 -20 38	75 -9 35	99 0.62 33	82 -2.85 36	79 -1.86 33
JOY 250166 99838526	8	JOY 230068 JOY 210045		84 66	117 68	129 48	80 47	97 33	115 51	123 61	106 20	114 45	108 17	124 56 39	90 2.07 72	91 -0.3 54	122 54 47	117 24.0 68	129 12.6 48	126 135 54	120 42.9 48	108 110 25	123 90 29	116 -63 13	106 0.6 33	108 17.6 32	94 -5.8 35	94 0.6 21	111 38.4 43	110 5 31	118 29 29	113 1.98 16	86 -2.16 18	94 -0.60 17
JOY 250170 99838567	1	SYF 220011 JOY 220050		114 66	94 68	78 48	108 48	109 34	96 51	85 62	85 32	92 47	91 36	89 8 44	119 -0.97 72	93 -0.6 55	92 10 48	94 11.7 68	78 -3.0 48	79 22 55	91 17.1 49	85 24 38	85 0 28	73 8 22	101 0.4 46	90 6.7 44	107 -13.1 38	107 -1.8 21	106 35.7 44	77 -21 43	77 -7 40	103 0.97 34	91 -1.44 37	85 -1.30 34
JOY 250174 99844649	2	MCU 170224 JOY 230128		100 69	100 69	83 54	96 51	96 40	86 54	87 64	106 30	88 49	103 24	101 25 42	105 0.42 73	91 -0.4 59	104 27 51	100 14.9 69	83 -1.4 54	84 35 58	99 24.4 58	108 111 42	94 22 47	99 -34 16	94 0.0 51	93 8.7 50	94 -5.6 47	102 -1.0 23	97 29.9 50	99 -4 49	100 14 46	103 0.99 23	110 1.61 26	103 0.18 23

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250179 99838633	1	CKB 190026 JOY 180015			99 69	114 71	95 55	95 53	108 39	114 55	113 66	110 32	114 50	101 43	106 31	98 1.22	104 -2.1	104 53	114 71	95 55	107 60	117 40.1	110 117	134 117	108 -50	88 -0.4	99 12.2	110 -14.8	99 -0.3	111 38.7	93 -9	107 20	112 1.84	83 -2.69	91 -0.84
JOY 250180 99838641	1	CKB 190026 JOY 170112			123 69	107 71	92 56	94 53	112 39	118 55	109 66	106 32	117 50	98 43	107 33	120 -1.16	120 -4.3	105 53	107 18.5	92 1.1	96 64	109 32.8	104 95	116 74	102 -40	93 -0.1	94 9.1	122 -21.8	97 -0.1	110 37.6	86 -14	97 11	106 1.30	82 -2.84	89 -0.97
JOY 250183 99838674	2	SYF 220011 JOY 220187			84 66	108 68	83 48	94 47	101 35	88 51	92 61	92 34	87 48	92 36	101 25	86 2.44	89 -0.2	106 31	108 19.1	83 -1.6	90 48	101 26.1	90 43	98 31	77 1	108 0.8	95 9.5	100 -8.9	104 -1.3	100 31.6	80 -19	80 -4	98 0.43	77 -3.61	80 -1.77
JOY 250185 99838690	2	CKB 190026 JOY 190017			104 69	114 71	75 55	100 53	116 39	112 55	106 65	111 36	112 51	98 44	99 23	99 1.09	112 -3.2	100 22	114 22.4	75 -4.0	91 52	114 37.3	109 113	123 91	102 -40	89 -0.3	92 8.1	120 -20.6	112 -2.6	101 32.5	85 -15	96 10	103 1.03	80 -3.06	88 -1.06
JOY 250186 99838708	2	CKB 190026 JOY 170117			100 69	123 72	102 56	91 53	112 39	129 55	128 66	111 33	127 51	105 44	112 40	96 1.35	112 -3.2	109 35	123 27.3	102 4.3	118 116	123 45.2	109 115	124 94	105 -45	91 -0.1	98 11.8	118 -19.6	98 -0.1	114 40.0	92 -9	108 20	118 2.46	80 -3.13	86 -1.20
JOY 250187 99838716	1	CEF 130317 JOY 170126			102 72	112 72	79 64	96 63	99 52	101 61	103 69	121 50	104 59	113 50	103 27	100 0.97	107 -2.5	104 27	112 21.5	79 -2.8	91 52	118 40.8	122 162	105 48	114 -60	108 0.7	113 20.7	101 -9.4	96 0.2	105 34.8	89 -12	104 17	108 1.49	115 2.49	119 1.57
JOY 250188 99838724	2	CKB 190026 JOY 180143			95 69	122 71	117 55	92 53	109 39	131 55	131 65	112 34	129 51	106 44	108 34	95 1.47	100 -1.6	107 32	122 26.5	117 9.0	130 146	123 45.1	114 131	110 60	108 -49	95 0.1	93 8.5	110 -14.9	101 -0.8	109 37.3	97 -6	114 26	118 2.44	86 -2.17	86 -1.27
JOY 250189 99838732	8	JOY 230068 JOY 180149			79 67	124 69	136 50	77 47	96 34	123 52	135 62			109 14	126 58	83 2.75	92 -0.5	125 58	124 28.0	136 14.6	135 158	125 47.1	113 127	115 72	115 -62	107 0.7	110 18.9	86 -1.3	95 0.3	115 40.7	113 7	119 31	110 1.69	93 -1.00	94 -0.59
JOY 250201 99838856	2	SYF 220011 JOY 220148			97 66	99 68	99 48	111 47	107 36	103 51	99 61	88 34	99 48	89 38	86 5	99 1.10	88 0.1	88 4	99 14.3	99 3.3	105 85	98 23.6	89 38	95 25	87 -15	102 0.4	85 4.0	106 -12.3	105 -1.5	106 35.2	83 -16	86 1	105 1.20	77 -3.62	86 -1.27
JOY 250202 99838864	3	CKB 190026 JOY 190042			92 69	123 71	111 54	96 53	93 38	121 55	131 65	120 34	122 51	112 44	106 31	90 2.02	100 -1.5	102 26	123 27.5	111 7.0	129 144	122 45.0	118 147	111 62	113 -58	95 0.0	95 9.6	110 -14.6	80 3.1	108 36.8	101 -2	118 30	126 3.33	85 -2.32	92 -0.71
JOY 250204 99838880	1	CEF 130317 JOY 170144			109 72	113 72	108 63	93 63	108 51	125 60	121 69	131 48	128 58	126 50	103 28	107 0.22	111 -3.0	105 30	113 22.0	108 6.2	116 112	120 43.1	134 207	116 75	127 -81	104 0.5	119 24.2	99 -8.7	109 -2.1	107 36.2	108 3	127 37	115 2.15	117 2.72	127 2.20
JOY 250206 99838906	1	CEF 130317 JOY 180023			114 72	104 72	78 64	109 62	103 52	104 60	102 69	116 50	107 58	109 50	89 9	110 -0.07	113 -3.3	91 9	104 17.2	78 -2.9	90 48	110 33.9	118 145	113 67	113 -57	108 0.8	116 22.6	101 -9.4	102 -0.9	105 34.7	85 -15	98 12	106 1.32	116 2.65	117 1.42

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 250207 99838914	1	CEF 130317 JOY 110010		126 74	99 74	67 66	108 62	102 52	98 62	93 71	106 48	99 59	106 50	90 52	123 -1.44 76	119 -4.1 67	92 11	99 14.6	67 -6.5 66	73 9 67	103 27.5	105 100	92 17	103 -42	112 1.0 56	111 19.1	103 -10.8	105 -1.5	93 27.7	82 -17	87 2	98 0.51	118 2.84	121 1.72
JOY 250213 99838971	2	JOY 230068 JOY 140072		94 69	104 70	112 52	88 47	98 34	100 53	102 64			99 12	114 42	96 1.43	98 -1.4 57	112 39	104 16.8	112 7.4	107 89	106 30.3	106 102	122 88	109 -52	103 0.5 28	103 14.4	105 -12.0	91 1.0	103 33.9	103 0	105 18	99 0.58	85 -2.27	96 -0.37
JOY 250214 99838989	1	JOY 230068 JOY 120168		87 69	108 71	127 53	87 47	86 33	103 53	113 64			104 12	113 42	91 1.93	90 -0.3 57	112 40	108 19.5	127 12.0	123 128	109 33.4	107 106	120 85	112 -56	90 -0.2 34	108 17.3	86 -0.9	81 2.8	113 39.9	114 8	115 27	104 1.05	89 -1.61	100 -0.05
JOY 250215 99838997		CKB 190026 JOY 150088		111 70	107 72	94 57	99 54	116 39	117 56	108 67	95 33	113 51	87 43	101 24	109 0.09	112 -3.3 61	100 22	107 18.6	94 1.8	101 76	109 33.1	96 65	122 89	95 -28	88 -0.3 50	93 8.6	126 -24.1	102 -1.0	108 36.8	87 -13	93 7	101 0.78	85 -2.38	86 -1.22
JOY 250219 99839037	1	CEF 130317 JOY 210036		105 71	110 71	92 62	93 62	116 50	114 59	106 68	123 48	117 57	120 50	104 29	102 0.75	111 -3.1 65	107 32	110 20.1	92 1.1	98 69	113 36.3	125 176	98 30	121 -71	102 0.4 55	113 20.8	103 -10.6	116 -3.4	109 37.3	100 -3	114 26	111 1.81	117 2.73	124 1.95
JOY 250223 99844656	2	MCU 170224 JOY 230129		96 69	100 70	85 56	96 54	116 42	96 55	87 65	101 32	95 50	99 26	99 22	100 0.96	91 -0.3 60	103 27	100 15.0	85 -1.0	85 38	101 25.5	104 96	102 39	101 -39	87 -0.4 51	86 4.5	103 -10.7	124 -4.9	99 31.0	102 -2	100 14	99 0.58	109 1.44	104 0.30
JOY 250234 99839177	3	JOY 230068 JOY 180004		82 68	118 69	121 51	84 48	104 36	117 53	120 63	107 23	115 47	106 22	117 47	89 2.10	84 0.5 56	116 46	118 24.5	121 10.2	124 131	115 38.6	110 117	118 80	112 -56	106 0.7 34	112 20.0	103 -10.8	97 0.0	111 38.5	106 1	112 24	103 0.96	91 -1.37	99 -0.17
JOY 250238 99844664	1	MCU 170224 JOY 230133		79 69	120 70	97 57	81 54	108 42	106 56	111 65	104 32	106 51	109 28	119 49	84 2.70	91 -0.4 61	122 54	120 25.8	97 2.8	104 84	117 40.0	109 113	93 20	107 -48	84 -0.5 52	85 4.0	94 -5.9	117 -3.6	99 31.2	114 8	117 28	116 2.29	109 1.45	109 0.74
JOY 250239 99844672	1	MCU 170224 JOY 230127		103 68	94 69	82 54	100 50	104 39	86 54	80 64	95 28	86 49	94 24	96 19	108 0.10	90 -0.2 58	100 21	94 11.6	82 -1.8	79 22	96 21.1	96 65	109 58	96 -30	91 -0.2 48	87 5.2	101 -9.8	108 -2.0	97 30.0	98 -5	93 7	96 0.25	112 1.88	106 0.45
JOY 250240 99844680	26	MCU 170224 JOY 230102		99 69	99 69	65 55	99 53	106 41	81 55	77 64	99 32	83 50	100 26	95 17	106 0.40	86 0.3 60	101 24	99 14.3	65 -7.0	69 -3	97 22.5	102 87	82 -7	91 -22	77 -1.0 52	80 0.6	97 -7.5	117 -3.5	95 28.7	95 -7	93 8	100 0.72	118 2.94	110 0.79
JOY 250242 99839219	1	JOY 220062 JOY 150037		69 69	130 71	144 54	73 49	80 36	119 54	143 65	113 22	119 48	109 16	132 66	55 5.68	71 2.3 58	130 67	130 31.2	144 17.3	143 176	131 52.7	117 144	138 127	121 -71	104 0.5 34	110 19.0	78 3.6	84 2.2	103 33.7	127 18	131 41	107 1.37	93 -0.98	101 0.06
JOY 250245 99838377	2	SYF 220011 JOY 220145		100 66	110 68	115 47	89 47	94 33	111 51	114 61	96 30	108 47	103 34	108 35	103 0.62	97 -1.1 54	110 37	110 20.3	115 8.4	116 112	107 31.4	96 64	99 33	86 -14	111 0.9 45	104 15.3	94 -5.8	90 1.2	111 38.4	91 -10	97 11	111 1.80	81 -2.87	82 -1.57

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 250246 99838385	13	JOY 180011 JOY 190049		86 70	110 71	131 58	83 56	84 41	104 56	115 67			99 15	116 45	94 1.64	86 0.3	117 46	110 20.1	131 13.1	124 131	108 32.3	96 64	99 34	97 -32	100 0.3	114 21.2	90 -3.4	79 3.1	106 35.4	98 -4	100 14	103 0.94	84 -2.45	99 -0.17
JOY 250249 99844722	1	MCU 170224 JOY 230130		79 69	116 69	95 54	85 51	96 39	96 54	103 64	107 28	97 49	110 24	113 41	87 2.30	82 0.8	117 46	116 23.5	95 2.1	102 77	112 35.9	111 122	97 30	106 -46	87 -0.4	95 9.7	89 -2.9	103 -1.1	100 32.0	116 10	118 29	110 1.66	111 1.86	108 0.65
JOY 250250 99844730	26	MCU 170224 JOY 230105		107 69	97 69	69 55	98 53	110 40	88 55	79 64	97 30	87 50	100 26	98 21	114 -0.47	92 -0.5	103 26	97 13.5	69 -5.9	70 0	97 22.6	99 77	89 10	93 -26	80 -0.8	80 0.9	101 -9.5	119 -4.0	95 29.0	99 -4	95 9	103 0.95	121 3.37	110 0.76
JOY 250252 99839227	1	JOY 180011 JOY 210017		87 69	104 71	128 57	87 56	95 41	104 56	107 66	97 20	102 49	98 16	112 40	95 1.54	85 0.4	112 40	104 17.3	128 12.3	120 121	106 30.3	98 72	103 44	104 -43	106 0.7	104 15.0	93 -4.9	90 1.2	112 39.1	104 0	100 14	95 0.18	94 -0.84	98 -0.23
JOY 250256 99839268	1	JOY 220062 JOY 150092		74 69	130 71	148 55	75 49	97 38	133 54	147 65	107 22	130 48	106 16	128 61	65 4.64	83 0.7	126 61	130 30.9	148 18.6	148 188	129 50.7	112 124	133 117	117 -64	112 1.0	124 27.1	95 -6.0	98 -0.1	104 34.4	125 17	125 36	105 1.19	95 -0.70	97 -0.29
JOY 250258 99839284	13	JOY 180011 JOY 200162		122 69	92 71	131 57	93 56	74 41	101 56	106 66			92 16	105 30	127 -1.86	104 -2.2	104 28	92 10.4	131 13.1	116 111	96 21.6	94 56	106 52	98 -34	99 0.3	115 21.9	76 4.4	74 4.1	108 36.4	92 -9	91 6	97 0.41	86 -2.11	96 -0.41
JOY 250262 99839326	1	SYF 220011 JOY 220174		103 67	101 68	100 49	112 48	108 36	110 52	104 62	88 32	105 48	91 34	86 45	107 0.28	87 0.1	87 3	101 15.3	100 3.7	108 93	100 24.7	89 39	101 -11	85 -1.0	111 1.0	93 8.7	103 -10.8	107 -1.8	106 35.4	87 -14	87 2	100 0.67	85 -2.36	81 -1.66
JOY 250265 99839359	4	JOY 220143 JOY 220004		100 66	112 68	104 48	89 48	109 34	115 51	112 62	97 20	112 45	101 16	111 39	100 1.00	105 -2.2	111 39	112 21.6	104 5.0	108 93	107 31.6	101 83	106 50	104 -43	92 -0.1	98 11.7	96 -7.0	114 -3.0	106 35.5	105 1	104 18	103 1.02	99 -0.18	101 -0.01
JOY 250267 99839375	1	JOY 180011 JOY 150140		83 71	108 72	125 59	93 57	65 43	90 57	111 68	95 22	89 50	96 18	108 34	89 2.15	81 0.9	104 28	108 19.0	125 11.3	125 134	108 32.1	96 63	96 25	96 -30	107 0.7	105 15.8	74 6.0	63 5.9	105 34.9	92 -10	94 8	100 0.71	91 -1.39	93 -0.69
JOY 250269 99844698	2	MCU 170224 JOY 230156		78 69	114 70	82 57	91 54	106 42	93 56	96 65	103 30	94 51	105 26	108 35	83 2.80	84 0.5	110 37	114 22.4	82 -1.9	93 56	111 35.2	106 104	102 41	104 -43	88 -0.4	82 2.2	94 -5.8	114 -3.1	100 31.7	106 1	107 20	108 1.49	110 1.67	104 0.31
JOY 250270 99844706	1	MCU 170224 JOY 230183		98 69	100 70	86 56	98 53	92 41	85 55	88 65	93 29	85 50	96 24	99 22	106 0.39	85 0.5	101 24	100 14.7	86 -0.6	87 42	100 25.1	96 63	94 22	92 -23	91 -0.2	92 7.8	89 -2.9	98 -0.2	100 31.6	93 -9	91 5	101 0.80	111 1.76	102 0.11
JOY 250274 99839425	3	JOY 220143 JOY 110054		80 70	125 72	126 56	86 51	107 39	128 55	132 66			104 13	115 43	71 3.98	94 -0.7	113 42	125 28.2	126 11.6	135 158	119 41.7	106 103	115 73	114 -60	114 1.1	116 22.1	106 -12.5	103 -1.2	104 34.4	117 11	118 30	105 1.21	91 -1.39	98 -0.25

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 250275 99839433	8	JOY 180011 JOY 180185			69 70	132 71	149 58	71 56	75 41	120 56	148 67	114 20	120 49	117 17	134 69 47	70 4.16 74	78 1.4 62	133 70 56	132 32.3 71	149 18.8 58	146 185 62	131 52.6 62	116 141 27	109 57 50	115 -60 13	112 1.0 47	118 23.7 46	78 3.5 47	69 5.0 25	114 40.0 52	121 14 44	129 40 40	114 2.13 16	90 -1.51 18	101 0.01 16
JOY 250276 99839441	1	JOY 220143 JOY 220179			79 66	118 68	108 47	84 42	95 35	104 50	114 61	98 23	102 45	97 17	115 44 42	74 3.73 72	93 -0.7 53	117 47 42	118 24.6 68	108 6.3 47	114 106 52	113 36.7 54	103 90 30	112 65 24	105 -44 15	101 0.4 35	110 18.7 34	81 2.0 37	108 -1.9 21	102 33.0 46	101 -3 34	101 15 31	95 0.22 16	86 -2.09 18	95 -0.44 16
JOY 250277 99839458	2	JOY 220143 JOY 210030			82 67	129 69	110 50	79 48	104 35	121 52	131 62	110 24	120 46	110 18	122 53 41	72 3.87 72	104 -2.1 55	124 57 48	129 30.3 69	110 6.7 50	120 121 56	117 40.4 54	114 133 30	97 29 22	111 -55 16	99 0.3 35	113 20.7 34	93 -4.9 37	110 -2.3 22	103 33.9 46	113 7 33	117 29 31	106 1.31 17	88 -1.88 19	97 -0.28 17
JOY 250278 99844714	26	MCU 170224 JOY 230101			115 69	95 70	74 56	101 54	98 41	87 55	83 65	96 32	87 50	100 26	95 16 44	120 -1.15 73	96 -1.0 60	98 19 54	95 12.2 70	74 -4.3 56	74 10 60	95 20.9 58	100 80 44	85 0 48	91 -22 16	83 -0.6 52	83 2.8 51	91 -3.9 49	108 -2.0 24	95 29.0 51	97 -6 50	95 9 47	105 1.16 24	121 3.43 28	106 0.44 25
JOY 250281 99839482	8	JOY 220143 JOY 210010			77 66	134 68	130 49	76 47	104 33	134 51	146 62			114 14	126 59 40	62 4.98 72	90 -0.2 55	126 61 47	134 33.2 68	130 13.0 49	138 164 55	129 50.6 54	117 144 26	116 74 30	116 -62 10	107 0.7 35	106 16.1 34	93 -4.9 36	105 -1.4 20	110 37.8 44	116 10 33	126 37 30	111 1.79 13	94 -0.89 14	99 -0.11 13
JOY 250286 99837759	2	SYF 220011 JOY 220213			120 66	89 68	96 47	102 47	91 33	91 51	89 61	89 30	89 47	89 34	95 17 44	122 -1.29 72	106 -2.3 54	97 17 47	89 9.1 68	96 2.6 47	88 45 54	92 17.9 49	87 30 34	115 73 29	81 -5 22	112 1.0 44	98 11.6 42	99 -8.6 37	83 2.4 20	109 37.3 43	76 -22 41	77 -7 38	100 0.64 33	81 -2.98 36	80 -1.76 33
JOY 250287 99837767	3	JOY 220143 JRP 150030			81 69	125 71	126 54	79 49	104 39	125 54	133 65	102 28	121 49	101 26	124 56 39	67 4.37 74	99 -1.4 58	123 56 49	125 28.3 71	126 11.6 54	129 143 58	121 44.1 55	106 101 33	119 82 25	117 -65 22	93 -0.1 37	96 10.6 36	97 -7.6 39	106 -1.7 28	102 33.1 49	115 9 36	119 31 34	116 2.29 26	83 -2.58 27	104 0.26 26
JOY 250289 99837783	3	JOY 220143 JOY 150118			75 69	123 71	117 53	85 48	99 36	114 54	123 64			105 15	118 47 32	68 4.34 74	82 0.8 57	115 44 48	123 27.3 71	117 8.8 53	125 135 57	117 40.5 54	107 106 22	116 74 24	112 -56 12	109 0.8 28	103 14.4 27	97 -7.5 37	100 -0.6 23	101 32.7 48	113 7 27	114 26 25	104 1.11 14	92 -1.26 16	94 -0.59 14
JOY 250300 99844953	1	MCU 170224 JOY 230201			100 69	91 70	86 56	97 53	90 40	76 55	76 65	93 28	76 50	94 24	99 23 41	111 -0.16 73	80 1.1 60	103 26 53	91 10.3 70	86 -0.7 56	79 21 60	96 21.5 58	95 59 39	102 39 47	93 -25 14	89 -0.3 49	88 5.5 48	86 -1.3 47	97 0.1 22	99 31.3 50	96 -6 47	89 4 44	95 0.21 22	112 1.95 25	106 0.46 22
JOY 250301 99844961	1	MCU 170224 JOY 230203			93 69	107 70	87 57	95 54	103 42	96 56	95 65	101 30	96 51	103 25	103 27 45	99 1.12 73	87 0.1 60	105 29 54	107 18.5 70	87 -0.1 57	93 57 60	107 30.8 58	105 98 42	100 37 46	104 -42 16	92 -0.1 51	87 4.8 49	90 -3.1 49	114 -3.0 24	100 32.1 52	106 2 49	104 18 46	103 0.96 23	114 2.21 27	105 0.36 24
JOY 250304 99837908	2	SYF 220011 JOY 220070			110 66	93 68	104 48	115 48	82 33	94 51	100 61	86 30	91 47	90 34	85 3 43	112 -0.28 72	94 -0.8 55	85 1 48	93 11.3 68	104 4.8 48	105 86 55	91 17.2 50	85 22 35	81 -10 27	74 5 22	110 0.9 44	97 11.1 42	85 -0.5 36	79 3.1 20	109 37.4 43	77 -22 41	77 -7 37	101 0.74 33	82 -2.86 36	80 -1.73 33
JOY 260001 6020405590	1	SYF 220011 JOY 200182			114 68	95 58	92 49	108 48	109 35	104 49	95 57	83 30	99 45	90 34	88 8 39	116 -0.65 73	101 -1.8 56	91 8 48	95 12.0 58	92 1.3 49	93 56 52	91 16.9 50	84 19 36	95 23 24	77 1 22	104 0.5 44	101 13.3 42	105 -12.1 38	103 -1.1 22	110 38.0 44	77 -21 41	78 -6 37	103 0.94 33	81 -3.01 36	81 -1.65 34

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 260002 6020405608	2	SYF 220011 JOY 200149		100 68	102 58	90 48	106 48	102 34	99 48	98 56	88 31	96 45	93 36	91 11	103 0.70	91 -0.4	93 11	102 16.2	90 0.6	97 67	100 25.1	86 27	97 29	80 -4	108 0.8	98 11.6	106 -12.8	96 0.2	105 34.9	75 -23	79 -5	109 1.62	76 -3.76	78 -1.90
JOY 260004 6020405624	2	SYF 220011 JOY 200164		114 68	96 57	90 47	105 48	104 35	101 48	94 56	86 30	97 44	93 34	93 14	116 -0.68	102 -1.9	94 12	96 12.8	90 0.6	91 51	94 20.0	87 29	89 10	76 2	109 0.8	100 12.7	103 -10.9	101 -0.7	105 34.8	75 -23	79 -5	106 1.32	79 -3.25	77 -1.98
JOY 260005 6020405632	1	SYF 220011 JOY 150028		107 69	100 59	101 52	103 49	95 35	101 50	102 58	94 31	99 46	98 34	95 16	108 0.11	100 -1.6	95 15	100 14.8	101 3.9	103 81	97 22.6	95 61	103 44	86 -13	103 0.5	98 11.3	91 -4.1	100 -0.5	102 33.0	91 -10	94 8	107 1.35	83 -2.66	84 -1.37
JOY 260006 6020405640	3	SYF 220011 JOY 170053		128 69	88 59	89 51	111 49	107 36	103 50	91 58	84 34	98 47	86 38	86 5	128 -1.90	114 -3.5	89 5	88 8.7	89 0.3	85 36	87 13.8	84 17	108 55	77 1	108 0.8	94 9.1	106 -12.7	103 -1.1	107 36.4	73 -25	75 -8	97 0.39	82 -2.84	80 -1.76
JOY 260007 6020405657	2	SYF 220011 JOY 200101		92 66	110 56	93 45	108 47	104 33	107 47	108 54	86 30	102 44	92 36	90 10	92 1.77	88 0.0	90 8	110 20.3	93 1.5	109 95	102 26.4	86 26	92 16	78 -1	104 0.5	93 8.8	108 -13.7	101 -0.8	99 31.2	79 -20	83 -1	108 1.49	76 -3.81	78 -1.94
JOY 260008 6020405665	3	JOY 230104 JOY 210178		81 66	108 51	111 46	91 47	110 33	105 45	103 52	98 21	103 40	98 17	106 31	86 2.47	83 0.7	108 34	108 19.3	111 6.9	112 102	110 34.3	104 95	114 70	107 -48	99 0.3	102 14.1	103 -10.6	109 -2.1	108 36.8	100 -3	103 16	103 0.98	102 0.39	96 -0.36
JOY 260009 6020405673	2	SYF 220011 JOY 160076		119 70	87 59	94 52	123 49	90 37	95 50	94 58	87 33	92 47	87 36	81 -2	118 -0.88	106 -2.4	81 -6	87 8.1	94 2.0	93 56	87 13.3	88 34	96 27	78 0	114 1.1	92 8.1	93 -5.0	90 1.2	104 34.5	73 -24	77 -7	101 0.82	83 -2.62	74 -2.22
JOY 260010 6020405681	1	SYF 220011 JOY 160028		108 70	102 59	97 52	102 49	110 35	110 50	103 58	90 32	106 46	97 36	95 16	108 0.14	103 -2.0	96 17	102 16.1	97 2.8	101 77	95 20.9	93 53	98 30	87 -15	110 0.9	106 16.4	112 -16.0	103 -1.1	107 36.1	90 -11	92 6	108 1.52	86 -2.20	81 -1.70
JOY 260011 6020405699	2	SYF 220011 JOY 190105		98 68	104 58	110 49	97 49	112 35	114 49	107 57	95 32	110 46	98 36	99 22	99 1.11	99 -1.4	101 23	104 17.4	110 6.7	112 102	103 27.7	96 65	108 54	91 -22	108 0.8	98 11.5	105 -11.9	109 -2.2	111 38.6	91 -10	95 9	107 1.35	86 -2.23	80 -1.74
JOY 260014 6020405723	15	JOY 230068 JOY 210122		93 66	106 57	127 46	87 46	101 31	112 47	111 55			97 10	112 40	98 1.21	91 -0.4	111 39	106 18.0	127 12.1	121 124	107 31.3	94 56	108 56	100 -36	103 0.5	113 20.8	100 -9.2	92 0.9	116 41.5	99 -4	96 10	99 0.56	89 -1.64	97 -0.33
JOY 260016 6020405749	1	JOY 230134 JOY 230062		116 65	92 51	91 42	101 38	104 30	97 43	88 50			92 14	97 19	119 -1.02	102 -1.8	98 19	92 10.8	91 1.0	86 40	92 18.0	98 70	103 42	97 -32	106 0.6	105 16.0	98 -8.0	104 -1.3	106 35.8	89 -12	92 7	97 0.42	102 0.43	97 -0.31
JOY 260017 6020405756	1	SYF 220011 JOY 200140		132 68	82 58	94 48	115 48	109 34	103 48	87 56	87 31	99 45	89 34	84 1	133 -2.44	111 -3.1	86 1	82 5.2	94 2.0	85 36	84 11.1	86 27	95 24	75 4	107 0.7	93 8.5	110 -14.7	103 -1.2	108 36.7	78 -21	77 -6	96 0.32	86 -2.09	83 -1.47

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 260018		JOY 230068		72	139	131	71	97	132	150			115	135	59	81	134	139	131	138	134	113	123	118	102	112	88	95	113	119	125	114	90	99
6020405764	8	JOY 210177		66	57	46	46	33	47	55			14	71	5.23	0.9	73	36.0	13.4	165	55.2	129	92	-66	0.5	20.1	-2.5	0.3	39.8	12	36	2.07	-1.54	-0.17
														31	72	54	46	57	46	50	52	23	28	10	32	31	37	20	42	30	27	13	15	13
JOY 260022		JOY 230068		97	116	115	80	98	116	121			110	124	100	102	122	116	115	115	115	107	107	111	106	107	92	96	115	110	114	110	89	97
6020405806	9	JOY 190108		67	57	48	47	33	47	56			14	55	0.96	-1.9	55	23.7	8.4	109	38.4	106	54	-54	0.7	16.8	-4.2	0.2	40.6	5	26	1.65	-1.68	-0.30
														33	73	55	47	57	48	51	52	22	29	11	32	31	37	21	42	30	27	13	15	14
JOY 260023		JOY 230104		108	79	81	112	104	77	67			81	85	116	81	88	79	81	69	83	83	93	87	95	102	105	108	92	86	75	87	103	98
6020405814	2	JOY 130042		69	53	51	46	32	47	54			14	3	-0.69	1.0	4	3.8	-2.0	-2	9.5	14	20	-16	0.1	14.1	-12.2	-2.0	27.0	-14	-9	-0.63	0.49	-0.24
														29	74	56	46	53	51	50	52	26	46	9	42	40	34	19	43	38	34	13	14	13
JOY 260024		JOY 230068		99	111	117	84	94	110	116			102	118	98	109	116	111	117	115	111	105	124	113	94	112	89	94	108	107	109	106	85	96
6020405822	2	JOY 170054		68	58	49	46	32	48	56			12	47	1.22	-2.7	46	20.8	8.9	109	34.6	96	93	-57	0.0	20.2	-2.8	0.4	36.4	2	22	1.26	-2.29	-0.36
														28	74	56	46	58	49	51	52	21	24	10	30	29	34	19	43	28	25	11	12	11
JOY 260027		SYF 220011		105	105	103	98	97	106	107	93	103	98	99	106	102	100	105	103	107	101	95	97	83	111	103	97	93	108	87	92	109	84	79
6020405855	1	JOY 200007		68	58	49	48	34	48	57	30	44	34	23	0.38	-1.8	22	17.4	4.7	90	25.7	59	28	-9	0.9	14.5	-7.5	0.7	36.6	-14	6	1.53	-2.50	-1.82
														36	73	56	48	58	49	52	50	36	20	22	43	41	37	22	43	40	37	33	36	33
JOY 260028		JOY 230134		96	102	116	94	92	101	104			93	105	100	92	104	102	116	113	103	99	112	103	117	113	89	90	113	92	97	97	92	94
6020405863	1	JOY 230019		65	51	41	37	30	43	50			12	30	0.94	-0.5	27	15.8	8.5	104	28.1	76	65	-41	1.3	20.4	-3.0	1.3	39.4	-10	11	0.34	-1.23	-0.60
														29	71	50	37	51	41	43	49	20	50	10	43	40	34	18	37	39	33	12	12	12
JOY 260029		SYF 220011		95	105	118	98	110	116	112	92	111	98	98	97	92	99	105	118	121	104	94	98	86	108	93	103	110	107	87	92	106	82	82
6020405871	2	JOY 190117		68	58	49	49	36	49	57	32	46	36	21	1.32	-0.5	21	17.8	9.3	124	28.3	55	31	-13	0.8	8.7	-10.8	-2.3	36.1	-14	7	1.30	-2.76	-1.61
														39	73	56	49	58	49	52	50	39	25	24	46	44	39	24	45	43	40	35	38	35
JOY 260032		JOY 230068		72	122	110	77	101	106	116			108	126	82	81	127	122	110	113	122	104	117	105	98	106	96	98	111	105	107	110	98	101
6020405905	6	JOY 210117		66	56	46	46	32	46	54			15	58	2.90	1.0	61	26.8	6.9	105	44.2	95	76	-44	0.2	16.4	-6.9	-0.2	38.3	1	20	1.66	-0.28	-0.01
														32	72	54	46	56	46	49	51	24	33	10	34	33	36	19	40	32	29	14	16	14
JOY 260033		JOY 180137		98	96	102	93	106	95	90			91	108	100	98	106	96	102	95	93	91	92	89	108	100	111	117	76	101	98	90	90	99
6020407166				59	39	39	38	26	37	42			8	35	0.99	-1.3	32	12.9	4.2	60	19.1	43	16	-18	0.8	12.7	-15.5	-3.5	17.5	-2	12	-0.35	-1.51	-0.15
														23	65	47	38	39	39	39	38	14	18	6	20	19	28	18	33	19	17	8	8	8
JOY 260035		JOY 230068		99	116	106	86	89	107	116	99	105	99	118	98	107	115	116	106	110	115	103	120	109	99	104	95	83	105	97	103	113	85	96
6020405921	2	JOY 170046		69	58	50	48	35	49	57	22	44	20	48	1.18	-2.5	44	23.3	5.5	98	38.0	90	83	-51	0.3	15.2	-6.3	2.4	35.1	-6	17	1.99	-2.26	-0.37
														34	74	57	48	58	50	52	52	28	30	16	35	34	38	24	44	34	31	19	20	19
JOY 260037		JOY 230134		95	107	118	91	104	113	112			99	107	96	100	107	107	118	117	105	108	116	112	115	113	95	104	111	104	111	101	97	93
6020405947	2	JOY 230081		65	51	43	39	31	43	50			14	33	1.44	-1.6	32	18.6	9.2	115	29.5	110	75	-56	1.2	20.6	-6.4	-1.3	38.5	0	23	0.78	-0.48	-0.68
														29	71	51	39	51	43	44	50	24	48	12	44	41	35	20	38	39	34	14	15	14
JOY 260038		JOY 230134		103	99	87	95	93	87	89			92	103	107	97	104	99	87	86	99	97	111	97	108	108	90	96	103	89	92	97	102	97
6020405954	2	JOY 230044		65	50	40	38	30	42	49			14	27	0.28	-1.2	28	14.4	-0.3	39	23.9	67	63	-32	0.7	17.3	-3.4	0.2	33.8	-12	6	0.38	0.43	-0.35
														28	71	50	38	50	40	43	49	25	50	10	44	42	34	18	37	40	35	13	15	14

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 260039 6020405962	3	JOY 230134 JOY 230026			101 65	105 51	115 42	96 38	95 31	109 43	112 50			97 14	103 28	100 0.95	103 -2.0	102 25	105 17.7	115 8.2	116 112	104 28.8	105 99	112 66	109 -51	117 1.2	107 17.1	92 -4.6	93 0.6	110 37.8	96 -6	105 18	105 1.21	92 -1.18	91 -0.82
JOY 260040 6020405970	2	JOY 230068 JOY 190129			87 67	113 57	122 49	79 47	100 33	110 48	115 56			107 13	124 56	91 1.88	96 -1.0	123 55	113 21.7	122 10.4	116 112	112 35.7	105 98	109 58	108 -50	107 0.7	110 18.6	99 -8.6	93 0.7	114 40.4	107 3	110 22	107 1.41	92 -1.17	96 -0.40
JOY 260041 6020405988	2	SYF 220011 JOY 190106			101 68	111 58	112 49	94 48	107 35	119 49	116 57	99 32	115 46	104 36	104 29	101 0.82	101 -1.7	105 29	111 20.8	112 7.3	117 114	109 33.1	98 73	111 63	91 -22	111 0.9	97 10.9	102 -10.1	104 -1.3	111 38.3	92 -10	98 12	113 1.98	84 -2.51	81 -1.64
JOY 260042 6020405996	6	JOY 230068 JOY 210236			84 66	113 56	92 44	85 46	90 33	89 46	100 54	100 20	90 41	101 15	116 45	88 2.19	91 -0.4	118 48	113 21.8	92 1.2	96 64	111 34.9	102 86	102 42	100 -37	101 0.4	112 19.9	82 1.0	95 0.3	106 35.6	96 -6	98 11	99 0.61	83 -2.58	97 -0.28
JOY 260043 6020406002	10	JOY 230068 JOY 170129			75 68	121 58	120 49	81 47	102 34	114 48	121 56			106 12	121 51	80 3.07	88 0.0	120 52	121 26.0	120 9.9	123 129	117 39.9	102 86	118 78	107 -49	105 0.6	115 21.6	101 -9.5	98 -0.2	108 36.8	107 2	107 20	104 1.09	90 -1.53	98 -0.19
JOY 260046 6020406036	1	SYF 220011 JOY 200124			97 67	98 58	107 48	111 48	106 34	105 48	101 56	91 31	102 45	95 34	86 4	101 0.92	84 0.5	88 4	98 13.8	107 5.9	112 101	97 22.3	90 43	88 7	77 0	110 0.9	98 11.4	107 -12.9	100 -0.5	108 36.7	83 -17	85 1	102 0.87	86 -2.09	84 -1.40
JOY 260049 6020406069	1	AG 210198 JOY 240043			85 64	109 51	98 37	103 36	104 28	102 41	104 49			97 18	97 20	87 2.29	82 0.8	95 15	109 19.6	98 3.1	109 96	104 28.6	100 81	92 17	93 -26	107 0.7	104 15.0	102 -10.1	100 -0.5	110 38.2	88 -13	92 6	103 0.93	98 -0.24	98 -0.20
JOY 260050 6020406077	2	AG 210198 JOY 240092			104 64	104 51	100 37	99 36	111 27	110 41	104 49			97 16	100 23	104 0.57	101 -1.7	99 21	104 16.8	100 3.6	104 82	100 25.3	100 80	92 15	96 -30	94 0.0	100 12.9	100 -9.1	112 -2.6	111 38.2	95 -7	95 9	99 0.61	100 0.11	102 0.07
JOY 260053 6020406101	12	JOY 230068 JOY 200178			78 67	116 57	103 48	87 47	95 33	100 47	108 56			99 12	114 43	85 2.50	80 1.1	114 42	116 23.7	103 4.8	110 98	115 38.0	95 60	110 60	102 -40	103 0.5	113 20.7	96 -6.6	89 1.4	112 38.8	99 -4	97 11	101 0.76	87 -2.03	100 -0.06
JOY 260054 6020406119	4	JOY 230104 JOY 200195			118 66	95 52	78 47	95 47	104 33	92 46	84 53	93 20	90 41	97 18	101 25	120 -1.14	108 -2.7	105 29	95 12.1	78 -2.9	75 12	96 21.3	96 63	91 13	98 -33	94 0.0	104 15.4	106 -12.5	99 -0.4	107 35.9	89 -12	91 6	107 1.36	95 -0.69	99 -0.11
JOY 260058 6020406150	3	JOY 230068 JOY 190162			75 67	126 57	113 49	75 47	99 33	112 48	125 56			109 12	131 65	74 3.69	92 -0.5	129 65	126 28.8	113 7.7	117 114	124 46.1	108 110	122 89	112 -57	107 0.7	114 21.0	100 -9.0	95 0.4	109 37.0	109 4	112 25	109 1.58	90 -1.55	96 -0.44
JOY 260059 6020406168	1	AG 210198 JOY 240050			101 64	103 51	103 38	101 36	98 28	104 42	105 49			100 18	100 23	102 0.72	97 -1.1	97 18	103 16.8	103 4.7	108 92	101 25.6	108 109	109 58	100 -37	107 0.7	104 15.2	98 -8.1	95 0.3	108 37.0	95 -7	101 15	103 1.02	101 0.23	99 -0.15

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
JOY 260060 6020406176	2	AG 210198 JOY 240045		80 64	117 51	119 37	93 36	102 28	115 41	121 49			104 18	107 34	81 2.97	89 -0.1	105 29	117 23.9	119 9.5	128 142	113 37.0	110 115	104 46	105 -45	101 0.4	104 15.4	95 -6.0	102 -0.8	112 39.0	100 -3	107 20	111 1.81	97 -0.36	98 -0.22
JOY 260064 6020406234	5	JOY 230134 JOY 230043		100 65	105 51	113 43	92 38	102 31	109 43	108 50			95 14	107 33	100 1.01	102 -1.9	106 31	105 17.4	113 7.5	111 100	104 28.7	103 91	113 67	107 -48	118 1.3	110 19.0	98 -7.7	101 -0.8	109 37.1	97 -5	102 16	98 0.48	95 -0.76	92 -0.77
JOY 260070 6020406291	2	JOY 230134 JOY 230021		92 65	108 51	118 41	92 38	102 31	111 43	112 50			98 14	108 34	93 1.69	96 -1.1	107 32	108 19.2	118 9.1	118 117	108 31.7	106 102	117 77	109 -52	113 1.0	109 18.1	93 -5.1	105 -1.5	106 35.5	102 -2	108 21	99 0.63	94 -0.81	95 -0.51
JOY 260075 6020406341	2	AG 210198 JOY 240093		88 65	110 51	109 40	97 40	107 31	111 43	110 50	99 20	109 38	104 19	103 27	90 2.03	89 -0.1	101 23	110 20.2	109 6.6	117 114	106 30.2	104 96	93 18	100 -36	105 0.6	101 13.5	98 -7.7	107 -1.7	112 39.2	97 -5	102 15	106 1.29	100 0.07	100 -0.08
JOY 260076 6020406358	2	JOY 230068 JOY 200127		94 67	109 57	108 47	87 46	96 31	103 47	106 55			100 12	112 40	99 1.11	94 -0.8	114 42	109 19.6	108 6.2	107 91	109 33.0	96 63	96 25	99 -35	95 0.1	107 17.2	93 -5.3	95 0.3	108 36.7	103 -1	101 15	100 0.65	93 -1.10	102 0.09
JOY 260078 6020406374	5	JOY 230068 JOY 190137		81 67	115 57	122 49	80 47	90 33	105 48	116 56			110 12	124 55	89 2.11	86 0.3	122 54	115 22.7	122 10.6	119 119	114 37.9	106 102	106 49	108 -51	108 0.7	116 22.6	89 -2.7	85 2.1	115 41.2	109 4	112 24	111 1.81	90 -1.60	97 -0.32
JOY 260083 6020406424	6	JOY 230068 JOY 210170		84 66	119 56	117 46	84 46	100 32	115 46	120 54			106 15	116 46	90 1.99	88 0.0	116 46	119 25.0	117 8.8	121 124	117 40.1	102 87	102 40	101 -38	97 0.2	108 17.5	94 -5.8	98 -0.2	111 38.7	102 -1	105 18	109 1.57	98 -0.26	100 -0.02
JOY 260085 6020406192	4	JOY 230134 JOY 230050		77 65	114 51	120 42	88 38	96 31	106 43	114 50			99 14	112 39	79 3.21	90 -0.2	111 38	114 22.4	120 9.7	123 128	112 36.0	107 108	116 75	111 -55	117 1.2	110 18.6	86 -1.2	100 -0.5	110 38.0	100 -3	108 21	104 1.13	94 -0.96	94 -0.52
JOY 260086 6020406200	2	AG 210198 JOY 240020		93 65	105 51	89 39	101 39	103 29	97 42	97 49	94 21	95 38	100 20	98 20	98 1.22	86 0.3	98 19	105 17.8	89 0.2	96 64	99 23.8	98 71	87 4	88 -17	97 0.1	93 8.5	97 -7.5	105 -1.4	106 35.3	91 -10	91 6	104 1.04	109 1.41	104 0.28
JOY 260087 6020406440	2	AG 210198 JOY 240062		88 64	109 51	104 37	100 36	105 28	107 41	108 49			101 18	100 23	88 2.25	92 -0.5	98 19	109 19.8	104 4.8	113 104	105 29.5	106 103	101 39	100 -37	107 0.7	102 13.8	98 -8.1	103 -1.1	112 38.9	93 -9	99 13	105 1.14	101 0.26	97 -0.31
JOY 260088 6020406457	1	AG 210198 JOY 240033		90 64	116 51	110 37	90 36	106 28	117 41	118 49			104 16	111 39	91 1.97	98 -1.3	109 35	116 23.7	110 6.7	118 116	111 35.0	108 110	99 34	102 -40	100 0.3	106 16.6	95 -6.1	107 -1.7	113 39.8	101 -2	106 19	106 1.32	100 0.00	99 -0.14
JOY 260090 6020406473	2	SYF 220011 JOY 210233		89 66	104 57	85 45	102 48	100 34	90 47	92 55	94 32	89 44	98 36	93 14	93 1.70	85 0.4	98 18	104 17.0	85 -0.9	92 54	101 26.0	92 49	96 26	77 2	100 0.3	89 6.3	93 -5.2	105 -1.5	102 33.0	81 -18	83 -2	106 1.26	91 -1.40	85 -1.28

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values									Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
JOY 260095 6020406523	1	AG 210198 JOY 240039			101 64	104 51	106 37	100 36	112 28	114 41	107 49			98 16	99 23	101 0.86	100 -1.6	98 19	104 17.2	106 5.5	110 98	102 26.3	103 92	99 33	98 -34	98 0.2	101 13.2	100 -9.3	112 -2.6	113 39.9	95 -7	97 11	99 0.62	101 0.20	101 0.03	
JOY 260098 6020406556	5	JOY 230134 JOY 230080			103 65	100 51	110 43	98 39	92 31	101 43	104 50			93 14	100 24	103 0.71	103 -2.0	99 21	100 14.9	110 6.9	109 95	101 25.5	103 90	113 68	106 -47	118 1.3	106 16.6	82 1.1	96 0.1	110 37.7	93 -9	100 14	98 0.47	95 -0.80	90 -0.93	
JOY 260099 6020406564	1	JOY 230134 JOY 230027			93 65	101 50	92 41	102 37	100 29	92 42	93 49			91 14	95 16	96 1.41	87 0.2	97 17	101 15.4	92 1.3	96 63	99 24.3	98 71	103 42	97 -32	103 0.5	103 14.4	98 -8.1	102 -0.9	101 32.7	91 -11	92 7	95 0.17	105 0.90	98 -0.20	
JOY 260100 6020406572	2	AG 210198 JOY 240011			86 65	111 51	91 39	100 40	108 30	103 43	103 49	98 22	101 39	102 20	99 22	89 2.15	85 0.5	99 20	111 20.9	91 1.0	104 82	105 29.5	103 91	95 23	94 -27	97 0.2	93 8.4	96 -6.9	112 -2.6	107 36.0	93 -9	96 10	106 1.29	110 1.59	102 0.14	
JOY 260101 6020406580	1	AG 210198 JOY 240055			80 64	113 51	110 37	95 36	110 28	111 41	111 49			99 17	104 29	83 2.74	84 0.6	103 26	113 21.9	110 6.8	119 119	108 32.5	102 88	95 23	99 -34	98 0.2	103 14.8	98 -7.9	109 -2.2	114 40.5	95 -7	98 12	101 0.80	98 -0.26	100 -0.09	
JOY 260102 6020406598	2	AG 210198 JOY 240076			78 65	110 51	93 39	101 39	102 29	95 42	99 49	94 21	94 38	100 20	97 19	83 2.74	74 1.9	104 50	97 18	110 20.2	93 1.4	104 83	103 27.8	98 73	81 -10	88 -17	97 0.2	94 9.0	96 -6.5	104 -1.2	108 36.6	90 -11	90 5	102 0.92	109 1.53	104 0.30
JOY 260106 6020406630	1	AG 210198 JOY 240035			115 64	97 51	96 37	107 36	99 28	103 41	100 49			96 18	94 15	115 -0.59	106 -2.4	91 9	97 13.2	96 2.6	98 69	93 18.8	99 76	88 6	91 -22	105 0.6	102 13.8	93 -5.2	98 -0.3	111 38.3	86 -14	90 5	101 0.78	98 -0.24	98 -0.26	
JOY 260107 6020406648	3	JOY 230134 JOY 230041			85 65	109 51	113 42	92 37	90 30	99 43	108 50			94 10	108 34	87 2.34	91 -0.4	107 32	109 19.8	113 7.6	115 110	107 31.4	99 76	112 65	101 -39	118 1.3	115 21.6	94 -5.6	86 1.9	108 36.8	90 -11	95 9	98 0.46	92 -1.20	92 -0.72	
JOY 260108 6020406655	1	JOY 230134 JOY 230033			91 65	104 51	92 42	101 38	99 30	94 43	96 50			94 14	96 18	95 1.47	85 0.5	97 18	104 17.0	92 1.2	98 68	102 26.3	100 78	102 39	96 -31	107 0.7	102 13.8	96 -6.6	99 -0.4	107 36.1	90 -11	94 8	97 0.36	104 0.66	99 -0.17	
JOY 260109 6020406663	5	JOY 230104 JOY 190173			106 67	97 52	88 47	102 47	110 33	99 46	91 53			94 16	97 19	109 0.08	98 -1.3	97 18	97 13.5	88 0.0	89 46	98 23.2	94 56	93 19	95 -28	94 0.0	106 16.4	107 -12.8	108 -1.9	106 35.6	90 -11	89 4	102 0.84	96 -0.59	98 -0.24	
JOY 260110 6020406671	1	JOY 230104 JOY 140022			99 69	107 53	111 51	84 48	98 34	105 47	105 54	106 20	105 42	106 14	115 44	107 0.24	92 -0.6	117 46	107 18.6	111 6.9	106 88	108 32.1	112 123	121 86	111 -54	95 0.1	113 20.3	97 -7.2	96 0.2	104 34.5	114 8	117 29	106 1.23	104 0.64	104 0.31	
JOY 260111 6020406689	4	JOY 230104 JOY 190112			105 67	97 52	85 47	95 47	108 32	93 46	86 53			92 15	102 26	107 0.23	101 -1.7	105 29	97 13.5	85 -0.7	83 32	96 21.5	92 49	97 28	95 -28	93 -0.1	105 15.9	102 -10.5	109 -2.2	102 33.2	91 -10	89 4	98 0.44	97 -0.39	99 -0.10	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
JOY 260112 6020406697	1	AG 210198 JOY 240040		95 64	99 50	98 36	107 36	99 28	96 41	97 48			96 18	93 14	96 14.1	89 -0.1	91 9	99 14.6	98 3.0	102 79	98 23.0	101 82	97 29	93 -24	107 0.7	100 12.8	97 -7.1	97 0.0	109 37.5	84 -15	89 4	99 0.55	102 0.30	99 -0.17
JOY 260118 6020406754	16	JOY 230068 JOY 210133		87 66	109 57	127 46	81 46	96 32	108 47	112 55			103 12	120 51	94 1.55	88 0.0	120 51	109 19.8	127 12.0	119 119	111 34.6	101 84	112 65	106 -46	108 0.8	113 20.6	99 -8.4	88 1.7	114 40.4	104 0	103 17	101 0.83	90 -1.49	99 -0.17
JOY 260119 6020406762	2	SYF 220011 JOY 170134		115 69	99 59	106 51	101 49	105 36	112 50	106 58	94 32	109 46	98 36	95 17	115 -0.60	108 -2.6	96 17	99 14.6	106 5.5	106 89	99 23.9	96 62	103 44	88 -16	112 1.0	95 9.8	98 -7.7	105 -1.4	109 37.0	86 -14	92 7	108 1.53	83 -2.58	77 -1.96
JOY 260120 6020406770	4	JOY 230104 JOY 200187		110 66	101 51	102 46	93 47	106 33	108 45	101 52	96 21	105 40	102 18	104 29	112 -0.24	104 -2.1	106 31	101 15.6	102 4.4	100 73	99 24.3	100 78	92 18	100 -37	90 -0.2	110 18.6	99 -8.7	106 -1.6	109 37.0	99 -4	100 14	113 1.98	95 -0.66	106 0.48
JOY 260121 6020407174		JOY 210241		102 58	91 37	105 35	97 37	97 24	90 35	87 40			85 8	103 27	106 0.34	93 -0.7	102 25	91 10.2	105 5.1	95 60	90 16.0	85 21	94 22	84 -10	102 0.4	96 10.2	103 -11.0	107 -1.8	81 20.5	93 -9	86 1	82 -1.16	89 -1.62	100 -0.09
JOY 260123 6020406796	3	JOY 230068 JOY 150138		90 69	112 58	109 51	93 48	90 35	103 49	111 57	98 20	102 43	98 16	109 36	93 1.66	89 -0.1	105 30	112 21.1	109 6.5	115 110	112 35.7	102 87	117 77	104 -43	106 0.6	104 15.4	93 -5.2	83 2.4	111 38.4	96 -6	101 14	105 1.23	88 -1.79	92 -0.76
JOY 260124 6020406804	3	JOY 230134 JOY 230008		114 65	89 50	99 41	102 36	90 29	90 42	89 49			86 10	96 18	116 -0.74	102 -1.8	96 16	89 9.3	99 3.4	91 52	92 18.3	93 51	111 62	95 -28	114 1.1	109 18.3	95 -6.4	85 2.2	109 37.4	84 -16	86 1	90 -0.35	94 -0.95	94 -0.53
JOY 260128 6020406846	2	JOY 230068 JOY 210192		87 66	114 56	105 46	81 46	96 32	101 46	108 54			105 15	121 52	93 1.73	91 -0.4	121 54	114 22.5	105 5.2	105 86	114 37.5	103 90	115 72	104 -44	99 0.3	101 13.4	93 -5.1	94 0.5	111 38.5	105 0	105 18	106 1.24	100 0.01	100 -0.02
JOY 260130 6020406861	2	JOY 230104 BP 130039		114 68	95 53	84 50	102 48	96 33	91 47	89 54	93 24	89 42	94 19	95 17	115 -0.55	106 -2.4	97 18	95 12.3	84 -1.2	83 32	99 24.5	98 73	104 46	103 -42	93 -0.1	103 14.5	102 -10.3	95 0.3	98 30.5	97 -6	97 11	101 0.75	103 0.60	103 0.24
JOY 260131 6020406879	1	SYF 220011 JOY 200139		102 68	100 58	88 49	97 48	99 35	92 49	91 57	83 30	88 45	90 34	100 24	106 0.37	94 -0.7	103 26	100 15.1	88 0.1	89 46	98 23.5	83 14	112 64	78 0	108 0.8	106 16.1	101 -9.5	95 0.3	106 35.3	77 -21	77 -7	102 0.88	81 -3.00	80 -1.73

Selection List on Cow Value

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X	nt821	F94L	Genomic test	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test					★★★★★★																			
1	JOY 220059	JOY220059	GCD 140143	JOY 160028	8	1.6	0	0	0	79	72	127	73	129	63	80	60	121	46	137	59	136	69	104	30	133	53	112	24
2	JOY 220102	JOY220102	GCD 140143	BP 130056	7	1.9	0	0	0	98	73	117	73	136	64	85	61	112	47	137	60	134	70	105	33	133	55	115	26
3	JOY 220166	JOY220166	GCD 140143	JOY 110038	6	1.4	0	1	0	75	73	126	73	142	64	77	59	104	46	130	60	139	70	103	29	127	54	109	24
4	JOY 220186	JOY220186	GCD 140143	JOY 110065	7	1.8	0	0	0	88	73	129	73	115	64	82	61	118	47	135	60	135	70	107	28	132	54	111	21
5	JOY 240160	JOY240160	JOY 200204	JOY 180139	8	15.4	0	0	0	80	68	150	70	137	53	60	49	114	38	154	54	152	64	116	23	151	48	119	19
6	JOY 240188	JOY240188	JOY 200204	JRP 150027	7	2.5	0	0	0	81	70	140	72	120	55	74	49	105	39	137	55	151	66	119	26	137	49	117	24
7	JOY 240241	JOY240241	GFM 210178	JOY 180185	7	1.2	0	0	0	75	66	153	68	132	48	60	46	85	34	138	51	152	61	131	26	140	46	140	19
8	JOY 240245	JOY240245	GCD 140143	JOY 170117	7	2.1	0	0	0	79	71	127	72	130	62	80	60	116	46	135	59	137	68	103	28	131	53	112	22
9	JOY 240256	JOY240256	GCD 140143	JOY 180040	8	1.4	0	0	0	81	71	140	72	122	62	76	61	113	46	144	59	152	69	106	30	139	53	115	24
10	JOY 240266	JOY240266	GCD 140143	JOY 150157	6	0.7	0	0	0	75	72	138	73	132	63	71	61	98	46	133	59	150	69	114	28	131	53	118	22
										★★★★★★☆																			
1	JOY 220105	JOY220105	JOY 180011	JOY 190043	6	13.5	0	0	0	116	70	114	71	125	58	88	56	83	42	123	56	130	67					106	16
2	JOY 220154	JOY220154	GCD 140143	JOY 170108	7	2.5	0	1	0	86	71	125	72	125	62	78	60	107	46	127	59	133	68	108	28	125	53	112	22
3	JOY 220157	JOY220157	GCD 140143	JOY 160057	6	1.3	0	0	0	94	72	110	73	113	63	91	60	118	46	120	59	112	69	99	30	117	53	101	24
4	JOY 220227	JOY220227	GCD 140143	JOY 160079	8	1.3	0	0	0	80	72	121	73	111	63	87	60	117	46	122	59	120	69	99	30	118	53	103	24
5	JOY 240174	JOY240174	CEF 130317	JOY 150092	6	0.5	0	0	0	110	73	119	73	96	65	89	63	114	52	127	61	121	70	121	48	128	58	126	50
6	JOY 240178	JOY240178	CEF 130317	JOY 160133	7	0.7	0	0	0	126	73	112	73	86	65	92	63	116	52	125	61	114	70	119	48	126	58	124	50
7	JOY 240187	JOY240187	CEF 130317	JOY 190043	7	0.7	0	0	0	133	71	115	72	89	63	95	62	107	51	129	60	122	69	121	48	130	58	127	50
8	JOY 240202	JOY240202	JOY 200204	JRP 140113	7	3.7	0	0	0	81	70	129	72	107	56	82	49	108	41	122	56	129	66	105	30	120	51	102	28
9	JOY 240205	JOY240205	CEF 130317	JOY 190019	8	1.2	0	0	0	86	71	135	72	93	63	82	62	112	51	126	60	132	69	133	49	130	58	134	50
10	JOY 240214	JOY240214	JOY 200204	JOY 190115		13.7				78	68	121	70	127	53	86	48	111	37	126	53	127	64	104	20	123	46	103	16
11	JOY 240248	JOY240248	JOY 180011	JOY 180149	7	1.5	0	0	0	81	70	132	71	130	58	74	56	85	42	123	56	143	67	105	20	121	49	116	18
12	JOY 240267	JOY240267	GCD 140143	JOY 160016	7	1.2	0	0	0	91	72	109	73	132	63	86	61	121	47	127	60	117	70	97	29	122	54	100	22
13	JOY 240282	JOY240282	GCD 140143	JOY 150118	7	2.1	1	0	0	75	72	126	73	123	62	83	60	105	46	123	59	130	69	109	28	121	53	112	22
14	JOY 240295	JOY240295	JOY 200204	JOY 130180	7	0.8	0	0	0	85	70	120	72	123	56	84	48	113	38	126	55	126	66					102	12
										★★★★★																			

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value													
Sorted on ID				% Inbreeding		Q204X n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc													
Italics: DNA Test																													
							★★★★																						
1	JOY 220130	JOY220130	GCD 140143	BP 090054	6	1.2	0	0	0	87	73	123	73	101	64	78	61	111	49	117	60	120	70	97	34	113	55	104	28
2	JOY 220225	JOY220225	NPT 160055	JRP 150027	7	2.0	0	1	0	85	70	124	71	105	58	82	55	93	40	110	56	122	66	121	30	112	51	116	23
3	JOY 230068	JOY230068	JOY 180011	JOY 200015	8	7.8	0	0	0	78	85	125	85	132	59	71	56	94	42	118	64	133	77	104	20	116	55	112	17
4	JOY 240153	JOY 240153	CEF 130317	JRP 140038	8	1.2	0	0	0	101	74	123	73	86	65	91	63	107	53	118	62	120	70	130	52	122	60	131	54
5	JOY 240163	JOY240163	CEF 130317	JOY 190034	6	0.8	0	1	0	103	71	131	72	75	63	80	62	106	52	119	60	125	69	125	48	121	58	134	50
6	JOY 240198	JOY240198	GFM 210178	JOY 210019	6	1.5	0	0	0	102	65	114	67	110	47	93	46	85	35	111	50	122	60	103	28	110	46	116	20
7	JOY 240203	JOY240203	CEF 130317	JOY 170145	8	1.3	0	0	0	94	72	120	71	86	62	95	62	119	52	118	60	114	68	130	48	122	58	127	50
8	JOY 240265	JOY240265	JOY 200204	JRP 130097	7	2.4	0	0	0	81	70	127	72	115	55	80	47	98	37	118	54	130	65	98	22	114	48	100	20
9	KTB 230262	KTB230262	KTB 150182	KTB 120090	7	1.5				98	69	118	69	99	56	80	52	109	40	115	55	116	64	105	26	113	49	112	16
							★★★★☆																						
1	AG 210198	AG210198	AG 170106	AG 190893	7	2.2	0	0		104	83	101	73	88	53	115	53	106	38	104	58	101	68	92	30	101	52	99	31
2	JOY 220111	JOY220111	JOY 180011	JOY 180050	7	2.8	0	0	0	82	70	108	71	127	59	84	56	87	42	101	57	110	67					101	14
3	JOY 220121	JOY220121	JOY 180011	JOY 190049	7	13.2	0	0	0	83	70	114	71	130	58	83	56	86	41	107	56	119	67					104	15
4	JOY 230020	JOY230020	JOY 180011	JOY 190127		13.0				103	70	103	71	124	58	90	56	89	42	107	56	111	67					98	14
5	JOY 230196	JOY230196	JOY 180011	JOY 160207	7	2.2	0	0	0	83	71	115	72	117	60	80	56	89	41	103	57	114	68	98	22	101	50	98	19
6	JOY 240096	JOY240096	JOY 180011	JOY 170054	8	1.4	0	0	0	93	71	111	72	119	59	85	55	85	40	103	57	114	67					100	14
7	JOY 240171	JOY240171	GFM 210178	JOY 200037	6	0.9	0	0	0	94	65	118	68	107	48	83	45	85	33	106	50	120	61	110	26	107	45	121	20
8	JOY 240177	JOY240177	CEF 130317	JOY 190045	8	1.0	0	0	0	104	71	121	72	76	63	85	62	99	52	106	60	112	69	132	51	112	58	129	52
9	JOY 240179	JOY240179	CEF 130317	JOY 170111	6	1.2	0	0	0	119	72	108	72	78	64	106	62	96	52	106	60	108	69	120	50	109	58	120	51
10	JOY 240180	JOY240180	CEF 130317	JOY 190017	8	1.1	0	0	0	103	71	117	71	61	63	96	62	118	52	106	60	101	68	127	50	111	58	122	50
11	JOY 240226	JOY240226	MCU 170224	JOY 220145	7	1.2	Pp(c)	0	0	85	69	125	70	98	57	80	57	97	41	109	56	119	66	108	29	109	51	118	24
12	JOY 240232	JOY240232	CEF 130317	JOY 160014	7	0.9	0	0	0	116	73	103	73	82	65	101	62	106	52	105	61	99	70	113	48	107	58	115	50
13	JOY 240236	JOY240236	CEF 130317	JOY 180017	7	1.4	0	0	0	118	72	103	72	73	63	105	62	118	52	109	60	98	69	120	50	112	58	114	52
14	WDS 230022	WDS 230022	LAR 190322	WDS 170012	7	0.6	0	0	0	112	69	90	71	94	54	119	48	107	35	101	54	93	65	90	40	98	51	94	20
							★★★★																						
1	JOY 180011	JOY180011	JOY 130002	JOY 070020	8	0.6	0	0	0	88	95	105	97	136	86	80	83	72	63	96	80	112	93	91	28	93	70	99	25

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
2	JOY 220100	JOY220100	GCD 140143	JRP 100079	2.4		8772	10663	9962	8559	10445	9556	9664	9430	9351	9424
3	JOY 220115	JOY220115	JOY 180011	JOY 190045	81.4	000	9570	10471	11659	8856	7642	9157	10467	9725	9151	10120
4	JOY 220136	JOY220136	JOY 180011	JOY 190015	814.1	000	7769	11271	12658	8056	7642	9356	11266	10524	9550	10820
5	JOY 220139	JOY220139	GCS 160035	JOY 150092	60.5	000	8970	10771	9257	9254	10040	9456	9766			9610
6	JOY 220142	JOY220142	JOY 180011	JOY 180120	71.3	010	8570	10971	12558	8356	7441	9356	11067			10714
7	JOY 220190	JOY220190	LAR 120230	JRP 150030	81.2	100	8172	11773	9063	7860	9448	9160	10469	11042	9356	10434
8	JOY 220192	JOY220192	LAR 120230	JOY 170002	61.5	000	8572	11473	9662	8259	10345	9959	10569	11637	10255	10524
9	JOY 220215	JOY220215	NPT 160055	JOY 130061	70.7	010	9070	10371	10258	9555	9439	9356	9766	10324	9450	10314
10	JOY 230104	JOY230104	MCU 170224	JOY 210002	70.9	Pp(c)000	11581	8770	8458	10458	10841	9058	7868	9029	8852	9624
11	JOY 230134	JOY230134	JOY 210021	JOY 160033	90.7	000	10780	9371	10253	10648	9139	9356	9566	8822	9049	8616
12	JOY 230154	JOY230154	JOY 210021	JRP 140113	71.7	100	8969	10672	9254	10149	8941	9055	9965	10532	9150	9128
13	JOY 230188	JOY230188	MCU 170224	JOY 210010	71.1	HH(c)000	8469	10770	9458	9258	10341	9456	9566	10930	9651	11124
14	JOY 240036	JOY240036	JOY 210021	JOY 200158	89.2	000	11868	9569	9750	10248	9339	9853	9763	9720	9746	9516
15	JOY 240037	JOY240037	JOY 210021	JOY 190112	1.2		10868	9969	9051	10148	9538	9553	9663	9520	9446	9416
16	SYF 220011	SYF220011	SYF 150155	HAS 170068	83.9	000	11787	9087	8463	12461	10349	9967	9279	8056	9365	8966
1	JOY 220129	JOY220129	GCS 160035	JRP 140038	62.4	000	10770	9771	8157	9654	9340	8456	8566	9326	8350	9624
2	JOY 220138	JOY220138	GCS 160035	JOY 110001	70.8	000	11371	8372	7558	10954	10440	8056	7167			8410
3	JOY 220158	JOY220158	GCS 160035	JOY 130180	60.6	000	8770	10671	7757	9153	9638	8155	8666			9410
4	JOY 220164	JOY220164	MCU 170224	JOY 180015	70.7	Pp(c)000	11171	9171	7960	10059	10443	8557	7767	9828	8651	10124
5	JOY 220196	JOY220196	LAR 120230	JOY 180033	82.3	000	8071	11672	7162	9259	9246	8459	9568	11236	8854	10724
6	JOY 220201	JOY220201	GCS 160035	JOY 130103	0.6		9370	9771	8157	9653	10038	8055	8066	8820	7948	8716
7	JOY 220208	JOY220208	LAR 120230	JOY 150037	60.6	000	7572	12173	9263	7860	8245	8859	10869	11237	9155	11124
8	JOY 220209	JOY220209	LAR 120230	JOY 160207	80.7	000	9072	10373	8262	8759	10045	8359	8469	10638	8555	9528
1	JOY 220118	JOY220118	GCS 160035	JOY 100003	61.0	000	10671	9272	7458	9554	9239	7356	7467			8710

Selection List on Cow Value
Bulls 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID								Q204X n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
					Italics: DNA Test					★★								
2	JOY 220137	JOY220137	GCS 160035	JOY 100162	7	0.4		0 0 0	106 71	87 72	74 58	103 54	105 39	78 56	71 67			82 10
3	JOY 220151	JOY220151	GCS 160035	JOY 130173	7	1.0		0 0 0	99 70	106 71	66 57	86 53	87 38	76 55	85 66			94 10
4	JOY 220152	JOY220152	GCS 160035	JOY 110067	7	1.3		0 0 0	86 71	101 72	79 58	91 55	99 40	79 56	80 67	95 20	79 49	95 14
5	JOY 220156	JOY220156	GCS 160035	JOY 110126	6	1.7		0 0 0	80 71	122 72	69 58	71 54	86 40	79 56	100 67	104 20	81 49	105 14

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Myostatin	Calving Ease	Calf Growth	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding	Horned / Polled	Q204X	nt821	F94L	Genomic test	Acc	Acc	Acc	Acc	Acc	Acc
				<i>Italics: DNA Test</i>				★★★★★★							
1	JOY 170002	JOY170002	KTB 130110	JOY 120104	7	1.6									
2	JOY 170134	JOY170134	GCD 140143	JOY 150036	7	2.3									
3	JOY 170144	JOY170144	GCD 140143	JOY 150034	6	0.6									
4	JOY 180139	JOY180139	GCD 140143	JRP 150030	7	1.3									
5	JOY 180149	JOY180149	GCD 140143	JOY 150134	7	2.6									
6	JOY 180185	JOY180185	GCD 140143	JOY 150169	7	1.6									
7	JOY 190019	JOY190019	GCD 140143	JOY 160111	6	2.7									
8	JOY 190043	JOY190043	JOY 130002	JOY 150053	7	2.1									
9	JOY 190105	JOY190105	GCD 140143	JOY 170050	7	1.2									
10	JOY 190106	JOY190106	GCD 140143	JOY 160189	7	2.2									
11	JOY 190117	JOY190117	GCD 140143	JOY 170013	7	2.1									
12	JOY 190118	JOY190118	GCD 140143	JOY 170002	7	1.3									
13	JOY 200015	JOY200015	GCD 140143	JOY 170117	7	2.1									
14	JOY 210177	JOY210177	GCD 140143	JOY 150022	8	1.2									
15	JOY 220146	JOY220146	GCD 140143	JOY 160133	7	1.7									
16	JOY 230006	JOY230006	GCD 140143	JOY 160028	8	1.6									
17	JOY 230021	JOY230021	GCD 140143	JOY 150028	6	1.1									
18	JOY 230050	JOY230050	GCD 140143	JOY 190172	7	2.2									
19	JOY 230053	JOY230053	GCD 140143	JOY 140022	7	1.2									
20	JOY 230079	JOY230079	GCD 140143	JOY 180202	8	1.4									
21	JOY 230081	JOY230081	GCD 140143	JOY 170050	6	1.2									
22	JOY 230133	JOY230133	GCD 140143	JRP 150030	8	1.3									
23	JOY 230219	JOY230219	JOY 200204	JRP 150027	7	2.5									
24	JOY 240033	JOY240033	JOY 200204	JOY 200007	8	1.4									
25	JOY 240045	JOY240045	JOY 200204	JOY 200044	9	2.7									
26	JOY 240268	JOY240268	GCD 140143	JOY 170002	6	1.3									
27	JOY 240281	JOY240281	JOY 220062	JOY 210010	8	7.8									
								★★★★★★							

Selection List on Cow Value
Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							<i>Italics: DNA Test</i>																				
					★★★★★																						
1	JOY 140022	JOY140022	NPT 090081	JOY 050111	7	0.5		70	83	139	81	140	85	68	78	87	54	129	70	152	82	122	25	130	61	117	16
2	JOY 160028	JOY160028	LDW 090128	JOY 110054	7	0.7		95	82	116	80	111	82	88	76	117	51	124	69	119	80	99	30	120	61	105	26
3	JOY 160133	JOY160133	JOY 130002	JOY 110025	7	3.7		113	81	108	79	116	83	89	78	111	52	125	69	117	80	88	22	118	60	97	20
4	JOY 170117	JOY170117	JOY 130002	JOY 110085	8	0.7		80	81	123	80	118	81	86	77	106	52	122	69	127	80	98	22	118	60	103	20
5	JOY 180040	JOY180040	JOY 130002	JRP 130012	7	0.6		114	80	110	78	107	81	99	78	104	53	122	68	120	79	93	29	117	60	92	28
6	JOY 180132	JOY180132	GCD 140143	JOY 150075	7	1.1		78	78	128	77	134	77	81	75	96	52	127	66	140	77	105	36	124	60	107	31
7	JOY 180143	JOY180143	GCD 140143	JOY 150103	7	2.6		76	78	117	77	147	77	88	75	100	51	125	66	130	77	101	31	122	59	104	24
8	JOY 180202	JOY180202	JOY 130002	JRP 130069	7	0.8		71	80	127	77	121	79	74	75	117	51	124	67	128	77	99	24	120	58	103	20
9	JOY 190116	JOY190116	GCD 140143	JOY 170074	7	1.7		82	79	116	76	131	74	87	75	108	51	124	66	124	76	104	33	121	59	105	28
10	JOY 200187	JOY200187	JOY 130002	JRP 100067	7	0.8		100	78	117	75	121	71	83	74	105	52	126	65	127	75	103	30	123	58	109	27
11	JOY 210033	JOY210033	GCD 140143	BP 130039	7	2.0		99	76	118	76	109	74	90	75	108	50	123	65	122	75	101	32	120	58	103	25
12	JOY 210045	JOY210045	GCD 140143	JOY 150108	7	2.0		81	76	127	73	120	73	78	75	99	48	121	63	132	74	112	34	121	57	112	30
13	JOY 210178	JOY210178	GCD 140143	JOY 150134	9	2.6		75	76	121	74	136	71	80	74	112	51	127	64	129	74	106	30	124	57	100	24
14	JOY 210224	JOY210224	GCD 140143	JRP 100067	7	1.6		80	76	116	75	135	72	88	75	116	51	129	64	127	75	109	36	127	58	107	30
15	JOY 220141	JOY220141	GCD 140143	JOY 150005	7	2.3		82	75	112	75	135	71	83	73	113	50	122	64	120	74	102	31	119	57	99	24
16	JOY 220145	JOY220145	JOY 180011	JOY 170144	6	1.2		73	74	136	74	147	69	64	71	86	45	129	62	152	73	111	20	127	54	119	16
17	JOY 220174	JOY220174	GCD 140143	JOY 100053	8	1.7		83	76	113	75	117	72	104	73	113	50	121	64	118	74	96	28	117	57	96	21
18	JOY 230026	JOY230026	GCD 140143	JOY 200033	8	2.2		86	74	122	72	128	65	88	59	100	47	125	60	132	69	107	30	123	54	108	24
19	JOY 230043	JOY230043	GCD 140143	JOY 180114	6	2.0		86	75	119	73	124	67	81	60	114	48	126	61	125	71	103	28	122	54	104	22
20	JOY 230077	JOY230077	GCD 140143	JOY 150138	7	2.8		89	75	114	74	119	68	94	60	111	49	122	61	120	71	101	30	118	55	98	24
21	JOY 230085	JOY230085	GCD 140143	BP 130039	6	2.0		87	74	122	74	127	68	79	60	103	49	125	61	132	71	104	32	122	55	107	25
22	JOY 230114	JOY230114	JOY 210015	JOY 130180	8	1.5		96	70	114	71	124	60	84	46	106	37	122	55	121	66					104	10
23	JOY 230129	JOY230129	GCD 140143	JOY 190006	7	1.9		80	73	127	72	109	66	79	60	123	48	128	60	127	69	109	32	126	54	104	24
24	JOY 230147	JOY230147	JOY 200204	JOY 150092	8	0.8		96	72	98	73	149	63	95	49	120	42	129	57	117	68					89	12
25	JOY 240039	JOY240039	JOY 200204	JOY 200140	7	1.1		96	70	109	70	124	52	89	47	118	39	125	54	117	64					98	12
26	JOY 240052	JOY240052	JOY 210021	JOY 190118	8	3.2		90	70	108	70	130	51	99	48	108	41	122	54	121	64	109	22	121	48	100	18
27	JOY 240055	JOY240055	JOY 200204	JOY 200123	7	1.6		74	70	116	70	131	52	81	48	114	41	120	54	120	64					99	14
28	JOY 240068	JOY240068	JOY 200204	JOY 200124	7	1.3		77	70	115	70	137	51	84	47	116	39	126	54	123	64					102	12
29	JOY 240085	JOY240085	GCD 140143	JOY 200138	8	1.0		82	70	114	70	128	59	86	59	112	45	121	57	120	67	96	28	117	51	101	22
30	JOY 240093	JOY240093	GCD 140143	JOY 190137	8	1.8		74	73	122	71	132	61	84	60	108	48	124	59	128	68	106	28	122	53	109	22

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
									★★★★★☆☆																			
31	JOY 240112	JOY240112	JOY 200204	JOY 200168	8	2.3			75	70	127	70	125	52	80	48	104	41	123	54	132	64	107	24	121	48	100	18
32	JOY 240151	JOY240151	CEF 130317	JOY 180132	7	1.3			99	71	128	72	95	63	83	62	106	51	124	60	128	69	129	50	127	58	129	52
33	JOY 240155	JOY 240155	CEF 130317	JOY 180143	6	1.2			104	71	114	72	104	63	96	62	110	51	122	60	118	69	125	49	124	58	123	50
34	JOY 240173	JOY240173	JOY 200204	BP 130056	8	1.5			99	71	105	72	142	56	84	50	110	39	125	55	119	66	105	25	122	49	100	20
35	JOY 240222	JOY240222	CEF 130317	JOY 170144	7	1.1			86	72	131	72	108	63	83	63	107	51	127	60	134	69	135	48	131	58	134	50
36	JOY 240228	JOY240228	JOY 200204	JOY 110038	7	1.1			75	71	122	72	140	56	76	47	101	38	123	55	133	66	106	20	121	48	100	16
37	JOY 240239	JOY240239	JOY 200204	JOY 070020	8	2.0			71	71	131	73	149	57	71	49	85	41	125	56	147	67	119	26	126	50	112	22
38	JOY 240252	JOY240252	JOY 220062	JOY 210045	8	14.5			72	67	132	68	137	50	68	48	92	35	124	52	144	62	117	24	125	46	116	20
									★★★★★																			
1	BP 130056	BP 130056	WCS 060011	BP 070007	7	0.9			108	83	85	82	142	86	108	79	100	54	111	71	105	83	97	42	108	65	97	32
2	JOY 150092	JOY150092	NPT 070222	JOY 040016	6	1.0			93	82	93	81	146	85	103	78	110	54	118	70	110	82	86	26	112	61	86	14
3	JOY 170014	JOY170014	AG 070457	JOY 110054	8	0.5			101	81	99	79	118	82	109	78	107	56	114	69	109	80	97	41	111	63	89	38
4	JOY 170050	JOY170050	LDW 090128	JOY 130085	6	0.6			80	81	112	78	131	81	89	77	108	51	118	68	119	79	109	31	117	61	104	28
5	JOY 170145	JOY170145	GCD 140143	JOY 150038	6	1.4			74	80	117	76	112	76	95	75	115	51	117	66	115	76	104	28	115	58	103	22
6	JOY 180004	JOY180004	AG 070457	JOY 130058	7	1.2			89	80	107	78	111	81	100	78	114	56	114	69	108	79	109	41	113	63	103	39
7	JOY 180129	JOY180129	GCD 140143	JRP 150074	8	2.0			86	80	122	77	97	79	81	77	116	52	116	67	116	78	106	34	115	60	103	29
8	JOY 190049	JOY190049	JOY 130002	JOY 150010	6	0.4			76	78	116	77	127	77	85	75	97	50	111	66	118	77	96	20	108	57	102	18
9	JOY 190054	JOY190054	JOY 120119	JRP 140038	6	4.1			82	79	118	78	122	79	86	76	92	52	112	67	123	78	113	28	113	59	114	26
10	JOY 190108	JOY190108	GCD 140143	JOY 160193	8	2.3			91	78	120	76	101	76	89	76	103	50	115	66	119	76	105	28	113	58	107	23
11	JOY 190115	JOY190115	GCD 140143	JOY 170043	7	2.1			85	77	115	76	112	76	101	75	102	50	115	65	118	76	96	28	111	58	98	22
12	JOY 190127	JOY190127	JOY 130002	JOY 090002	7	0.7			124	79	92	77	118	78	104	77	104	51	115	67	106	77	83	20	109	58	89	16
13	JOY 190143	JOY190143	JOY 130002	JOY 100118	6	7.8			85	79	108	77	111	77	94	76	112	52	110	67	105	77	88	20	105	58	94	16
14	JOY 190166	JOY190166	JOY 130002	JOY 110054	7	7.6			115	78	100	77	119	77	91	76	95	52	111	66	109	77	88	20	106	57	97	16
15	JOY 200007	JOY200007	JOY 160048	JOY 140022	8	1.4			84	78	123	75	123	75	82	74	90	47	117	64	131	75	105	23	115	56	106	16
16	JOY 200012	JOY200012	GCD 140143	JOY 170126	8	2.4			93	78	116	75	99	74	82	74	107	51	110	65	112	75	100	30	108	58	97	24
17	JOY 200101	JOY200101	WDS 170129	JOY 180040	7	0.9			83	73	122	71	100	65	98	71	105	43	116	60	121	70	92	26	111	53	95	22
18	JOY 200124	JOY200124	NPT 160055	JOY 150092	7	0.9			87	77	101	75	130	72	101	73	108	46	113	63	110	74	102	24	111	55	101	12
19	JOY 200162	JOY200162	JOY 130002	JOY 150036	8	0.3			119	76	107	76	124	75	90	75	75	51	112	65	123	76	98	24	110	57	100	20

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
Italics: DNA Test																												
									★★★★★																			
20	JOY 200181	JOY200181	NPT 160055	JOY 160133	8	2.2			97	77	112	75	112	73	88	73	105	46	115	64	113	75	104	24	113	56	106	14
21	JOY 200182	JOY200182	JOY 130002	JOY 160079	8	3.6			115	78	97	76	100	75	98	75	114	50	111	65	99	76	87	22	105	56	91	20
22	JOY 210001	JOY210001	JOY 170125	JOY 180150	8	1.8			77	71	116	71	117	66	86	71	118	44	117	60	114	70	96	20	113	52	99	16
23	JOY 210010	JOY210010	NPT 160055	JOY 170134	8	2.5			75	75	120	74	128	72	80	73	97	45	114	63	124	74	118	26	115	56	115	16
24	JOY 210017	JOY210017	GCD 140143	JOY 120111	8	0.5			87	77	106	76	119	75	91	75	118	50	115	65	108	76	102	28	113	58	99	22
25	JOY 210019	JOY210019	KVB 080089	JOY 180170	7	0.8			122	75	95	74	135	74	127	75	76	53	119	65	127	74	91	36	114	59	95	28
26	JOY 210036	JOY210036	GCD 140143	JOY 140142	7	1.3			79	76	116	76	118	74	81	75	113	49	115	65	116	75	100	30	112	58	102	25
27	JOY 210170	JOY210170	MCU 170224	JOY 190043	6	0.8			109	75	104	74	99	70	100	74	106	47	111	63	105	73	94	30	107	56	99	24
28	JOY 210195	JOY210195	GCD 140143	JOY 120042	7	1.0			77	76	118	74	112	68	91	72	115	50	117	63	117	73	96	28	114	56	98	22
29	JOY 220075	JOY220075	JOY 180011	JOY 180170	6	13.8			99	73	102	73	146	69	96	73	92	44	119	61	122	72					102	16
30	JOY 220113	JOY220113	GCD 140143	JOY 150088	6	1.2			76	75	113	75	123	71	85	72	114	49	115	63	113	74	89	29	109	56	89	22
31	JOY 220144	JOY220144	GCD 140143	JOY 130090	7	1.2			74	75	113	75	124	71	84	72	113	50	113	64	112	74	105	29	111	57	100	22
32	JOY 230018	JOY230018	JOY 180011	JOY 200044	7	1.5			71	73	124	72	149	64	75	56	70	44	110	58	138	69	107	20	110	50	110	18
33	JOY 230057	JOY230057	GCD 140143	JOY 190188	7	1.1			73	74	115	72	121	65	85	59	112	47	113	60	112	69	101	28	111	54	102	21
34	JOY 230080	JOY230080	GCD 140143	JOY 160076	6	2.7			90	75	111	74	119	68	92	60	94	50	110	62	117	71	101	31	108	56	100	24
35	JOY 230130	JOY230130	JOY 210015	JOY 150157	8	4.2			71	70	128	71	135	60	75	47	87	38	117	55	136	66					112	12
36	JOY 230203	JOY230203	GCD 140143	JOY 180033	7	2.3			79	73	117	73	121	67	89	60	101	48	114	60	120	70	104	28	112	54	103	22
37	JOY 230226	JOY230226	JOY 200204	JRP 120068	6	3.0			88	72	117	74	93	63	88	49	118	43	113	58	109	69	98	27	110	52	93	22
38	JOY 240058	JOY240058	JOY 200204	JOY 200033	8	2.6			79	68	121	70	125	52	86	47	92	36	115	53	127	64	110	20	115	46	104	17
39	JOY 240062	JOY240062	JOY 210021	JOY 190105	7	3.5			83	70	112	70	118	51	89	48	103	41	110	54	113	64	108	23	110	48	102	18
40	JOY 240064	JOY240064	JOY 200204	JOY 200180	7	1.6			75	70	120	69	119	51	83	47	114	38	119	53	120	63					103	14
41	JOY 240065	JOY240065	JOY 200204	JOY 200146	8	1.7			77	70	133	70	119	51	69	47	93	38	118	53	138	64					108	14
42	JOY 240084	JOY240084	GCD 140143	JOY 200178	7	1.7			86	72	109	71	112	60	91	60	115	48	112	59	106	68	93	27	109	53	97	22
43	JOY 240092	JOY240092	JOY 200204	JOY 200127	8	1.1			98	70	108	70	112	51	87	47	115	38	117	53	110	64					96	14
44	JOY 240158	JOY240158	GFM 210178	JOY 210008	8	1.1			85	65	121	68	118	47	75	46	106	34	118	51	125	61	110	26	117	46	119	18
45	JOY 240162	JOY240162	CEF 130317	JOY 190053	8	0.9			115	71	111	72	86	63	104	62	97	50	112	60	114	69	126	48	115	58	123	50
46	JOY 240164	JOY240164	CEF 130317	JRP 150030	7	1.2			103	73	120	73	88	65	82	62	106	53	114	61	117	70	126	52	117	59	122	54
47	JOY 240183	JOY240183	CEF 130317	JOY 150088	8	0.5			116	73	105	73	80	64	97	63	116	51	110	61	99	70	110	48	110	58	106	50
48	JOY 240184	JOY240184	CEF 130317	JOY 190006	7	1.2			96	71	121	71	76	63	85	62	116	51	111	60	110	68	130	50	116	58	121	50
49	JOY 240186	JOY240186	CEF 130317	JOY 150036	8	0.8			111	73	113	73	93	65	93	63	95	52	110	61	114	70	126	50	114	59	120	51

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★★																			
50	JOY 240195	JOY240195	CEF 130317	JOY 170112	6	0.6				122	72	110	72	78	63	88	62	111	51	112	60	103	69	121	48	114	58	119	50
51	JOY 240213	JOY240213	CEF 130317	JOY 190042	8	1.1				93	71	120	71	99	62	93	62	94	50	111	59	120	68	134	48	117	57	130	50
52	JOY 240229	JOY240229	JOY 200204	JOY 120027	7	1.4				78	71	116	72	119	57	81	49	110	38	114	55	116	66	98	20	111	48	92	16
53	JOY 240255	JOY240255	GCD 140143	JOY 170108	8	2.5				76	71	118	72	131	62	82	60	106	46	119	59	123	68	104	28	117	53	104	22
54	JOY 240258	JOY240258	JOY 220062	JOY 120168	7	0.5				74	69	121	71	139	55	78	49	82	36	111	54	130	65	112	20	112	47	108	16
55	JOY 240261	JOY240261	MCU 170224	JOY 220146	7	1.2				94	69	119	70	96	58	83	58	113	42	115	56	113	66	102	30	113	51	109	26
56	JOY 240278	JOY240278	JOY 200204	JOY 110126	7	2.1				80	71	123	72	119	57	71	49	101	39	115	56	126	66	111	20	115	49	103	15
57	JOY 240279	JOY240279	JOY 200204	JOY 120118	6	0.9				86	71	105	72	121	56	91	48	114	38	112	55	106	66				89	12	
58	JOY 240287	JOY240287	JOY 220062	JOY 210003	8	2.5				82	67	118	69	138	51	88	48	77	37	112	53	130	63	111	24	113	47	104	20
59	JRP 140038	JRP 140038	LAR 090281	JRP 090032	6	2.1				102	83	107	81	116	84	99	78	93	56	111	70	116	81	99	42	109	64	103	44
60	JRP 150030	JRP 150030	LAR 070055	JRP 040040	6	1.8				83	82	122	79	118	83	75	77	94	58	111	70	126	80	100	48	109	66	97	47
										★★★★☆																			
1	JOY 120080	JOY120080	LAR 040377	JOY 060046	9	0.1				99	84	90	82	109	87	119	78	119	56	109	71	96	83	103	27	108	62	95	20
2	JOY 120111	JOY120111	LAR 040377	JOY 000026	8	0.0				114	85	89	82	102	87	98	77	117	54	104	71	89	83	100	25	103	62	93	20
3	JOY 130103	JOY130103	LDW 090128	JOY 080036	7	0.4				82	82	99	81	117	85	97	77	109	50	101	69	99	81	88	29	98	61	86	26
4	JOY 130180	JOY130180	JOY 080026	JOY 080006	7	0.3				88	82	108	81	107	85	95	76	102	50	105	69	107	81	91	23	101	60	96	10
5	JOY 150022	JOY150022	NPT 090081	JOY 100154	6	1.5				76	81	135	80	106	83	80	78	76	52	107	69	134	80	113	26	109	60	110	18
6	JOY 150028	JOY150028	NPT 090081	JOY 080085	8	0.8				89	82	113	80	119	83	90	77	87	52	107	69	118	80	109	26	108	60	108	16
7	JOY 150036	JOY150036	KVB 080089	JOY 120100	7	0.7				110	83	97	81	125	85	109	79	72	57	101	71	114	82	101	35	100	64	93	28
8	JOY 160016	JOY160016	NPT 070222	JOY 100107	6	0.7				106	82	81	81	121	84	104	79	115	55	102	70	86	81	79	26	96	61	79	17
9	JOY 160207	JOY160207	LDW 090128	JOY 100054	6	0.5				93	81	103	80	103	81	92	76	106	50	101	68	99	80	94	34	98	61	85	29
10	JOY 170053	JOY170053	AG 070457	JOY 120107	6	0.5				119	81	97	79	96	81	102	76	110	54	109	68	100	79	87	41	104	63	84	38
11	JOY 170074	JOY170074	AG 070457	JOY 120168	6	0.7				104	80	97	78	114	81	114	78	88	54	104	68	109	79	99	41	102	63	94	38
12	JOY 170112	JOY170112	JOY 130002	JOY 090049	7	3.5				126	80	99	78	92	79	86	76	103	52	105	67	97	78	93	21	102	58	94	18
13	JOY 170129	JOY170129	JOY 130002	JOY 110050	8	0.8				92	81	107	78	107	79	92	76	110	52	109	68	105	78	96	22	106	59	99	18
14	JOY 180050	JOY180050	JOY 120119	JOY 080006	6	0.2				83	80	106	78	118	79	89	76	100	52	103	67	106	78	106	20	103	58	98	16
15	JOY 180137	JOY180137	JOY 120119	JOY 110054	6	0.4				82	80	115	77	106	77	79	76	101	53	102	67	110	77	106	22	103	58	110	16
16	JOY 190006	JOY190006	LAR 120230	JOY 120084	7	1.3				81	79	119	77	89	77	76	75	114	51	103	66	107	77	110	36	104	60	100	26

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
					Italics: DNA Test				★★★★☆																			
17	JOY 190034	JOY190034	JOY 130002	JOY 150041	8	1.2			99	79	110	78	103	79	81	77	94	52	101	67	107	78	97	24	100	58	98	20
18	JOY 190042	JOY190042	JRP 150031	JOY 130034	7	1.7			79	78	115	76	134	76	99	75	69	49	104	65	126	76	116	26	107	57	115	25
19	JOY 190053	JOY190053	JRP 150031	JOY 100053	6	0.9			91	78	114	77	112	78	106	74	75	48	105	66	123	77	104	25	104	58	105	24
20	JOY 190129	JOY190129	JOY 120119	JOY 130103	7	0.5			81	79	108	77	113	77	88	75	106	51	103	66	105	77	103	22	103	57	102	20
21	JOY 190140	JOY190140	JOY 120119	JOY 100073	8	0.9			95	79	107	76	130	75	77	75	85	51	104	66	116	76	108	22	104	57	105	20
22	JOY 190162	JOY190162	JOY 120119	JOY 100154	7	2.0			80	79	122	77	93	77	80	75	104	52	104	66	112	77	109	21	104	57	106	18
23	JOY 190172	JOY190172	JOY 120119	JRP 100067	6	1.6			80	79	117	76	120	75	80	75	92	53	106	66	119	76	118	30	109	59	109	26
24	JOY 190173	JOY190173	JOY 130002	JOY 110085	7	0.7			101	80	106	76	92	74	100	75	112	51	108	66	103	76	89	22	104	57	93	20
25	JOY 200037	JOY200037	JRP 150031	JOY 160028	6	1.0			84	77	117	76	129	76	90	73	75	47	107	65	127	76	110	28	108	58	110	26
26	JOY 200123	JOY200123	JOY 130002	JOY 110067	8	0.3			84	78	111	76	112	75	88	75	107	51	108	66	107	76	92	22	104	57	98	18
27	JOY 200126	JOY200126	JOY 170125	JOY 120029	8	1.4			90	76	105	75	102	73	91	72	110	46	102	63	98	74	86	20	98	54	89	18
28	JOY 200134	JOY200134	NPT 160055	JRP 140038	7	1.9			93	77	108	74	108	69	92	72	93	46	101	63	107	73	107	30	101	56	106	24
29	JOY 200140	JOY200140	NPT 160055	JOY 100162	8	0.4			123	77	85	75	107	73	108	73	116	46	109	64	93	75	94	24	106	56	89	12
30	JOY 200149	JOY200149	JOY 130002	JRP 150074	8	0.9			92	77	110	75	95	74	95	75	100	50	101	65	104	75	96	26	99	57	96	26
31	JOY 200150	JOY200150	JOY 170125	JOY 140025	8	1.3			88	76	111	73	98	68	96	72	97	44	101	62	106	72					98	14
32	JOY 200158	JOY200158	JOY 130002	JOY 150005	8	0.3			118	77	96	76	97	74	106	75	101	51	105	65	100	76	87	24	101	57	91	20
33	JOY 200164	JOY200164	JOY 130002	JOY 150134	7	0.5			100	77	108	74	97	70	93	74	105	51	106	64	104	74	92	24	102	56	96	20
34	JOY 200199	JOY200199	DAJ 170037	JOY 150037	7	0.7			71	76	122	74	111	71	82	73	93	43	104	62	117	74	106	24	104	54	108	16
35	JOY 210002	JOY210002	JOY 170125	JOY 180127	7	1.0			117	74	81	72	113	70	126	72	105	45	106	61	95	72	81	22	100	53	81	18
36	JOY 210122	JOY210122	JOY 180011	JOY 100162	7	0.4			116	77	82	75	122	71	108	73	108	47	106	64	94	74					81	14
37	JOY 220006	JOY220006	MCU 170224	JOY 200044	8	1.3			86	74	112	72	112	65	92	71	87	45	101	61	111	71	108	30	102	55	111	26
38	JOY 220019	JOY220019	MCU 170224	JOY 190103	7	1.1			85	73	113	73	98	68	84	73	116	46	107	62	103	72	101	30	106	56	104	26
39	JOY 220032	JOY220032	JOY 180011	JOY 150028	7	1.6			87	75	112	74	131	66	76	70	88	45	107	61	119	72	101	20	105	53	104	14
40	JOY 220082	JOY220082	JOY 180011	JOY 180127	6	1.1			114	73	92	73	131	69	107	73	73	45	101	62	110	72	87	22	97	54	90	18
41	JOY 220198	JOY220198	MCU 170224	JOY 180139	7	1.2			79	74	116	73	93	70	82	72	109	46	101	62	104	72	106	32	101	56	108	28
42	JOY 230019	JOY230019	JOY 180011	JOY 190101	8	2.8			79	74	113	73	130	64	85	56	93	44	109	59	117	69	97	22	107	52	100	18
43	JOY 230041	JOY230041	JOY 180011	JOY 190162	6	2.0			85	74	114	72	121	64	81	56	90	45	105	59	117	69					102	16
44	JOY 230061	JOY230061	MCU 170224	JOY 200135	6	1.5			95	72	111	70	80	56	96	57	120	43	107	56	98	66	101	31	106	51	104	26
45	JOY 230062	JOY230062	MCU 170224	JOY 200182	6	0.5			109	74	99	72	82	65	96	58	117	45	101	59	88	69	93	29	98	53	98	24
46	JOY 230069	JOY230069	JOY 180011	JOY 190129	8	1.3			85	73	107	72	125	64	83	56	95	44	103	58	109	69					98	16

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test			★★★★☆																			
47	JOY 230127	JOY230127	JOY 210011	JOY 180050	8	2.3		87	69	109	69	105	58	88	46	100	38	100	54	104	64			92	12		
48	JOY 230169	JOY230169	JOY 210011	BP 130056	8	1.9		113	70	85	71	129	60	104	47	103	39	108	55	99	66	89	23	103	49	89	18
49	JOY 240011	JOY240011	MCU 170224	JOY 210178	8	1.5		83	72	114	70	93	58	89	58	109	45	102	57	101	67	104	31	102	52	106	26
50	JOY 240035	JOY240035	JOY 210021	JOY 190127	8	0.9		116	70	97	70	106	52	101	48	91	42	104	54	104	64	95	20	101	47	93	16
51	JOY 240043	JOY240043	JOY 210021	JOY 190143	9	1.7	0 0 0	78	70	111	70	107	52	94	48	102	42	101	54	105	64	97	20	100	47	96	16
52	JOY 240050	JOY240050	JOY 210021	JOY 140022	8	1.3		86	72	112	72	120	55	90	49	90	42	106	56	115	66	112	22	107	49	102	16
53	JOY 240057	JOY240057	JOY 210021	JOY 200135	8	3.3		95	67	109	68	103	47	101	46	97	35	106	51	110	61	104	23	105	45	98	18
54	JOY 240086	JOY240086	MCU 170224	JOY 210177	6	1.4		72	70	131	70	92	58	78	58	103	42	107	56	119	66	108	30	107	51	114	25
55	JOY 240102	JOY240102	JOY 180011	JOY 120111	6	0.9		118	74	89	73	117	61	95	57	102	45	104	59	95	69					92	16
56	JOY 240196	JOY240196	CEF 130317	JOY 160033	8	0.6		103	73	105	73	87	64	102	62	107	51	104	61	101	70	109	48	104	58	108	50
57	JOY 240200	JOY240200	CEF 130317	JOY 180015	7	0.8		110	72	111	72	80	63	92	62	107	51	107	60	103	69	124	48	111	58	120	50
58	JOY 240207	JOY240207	JOY 200204	JOY 110010	6	0.9		107	71	102	72	107	57	92	49	103	38	108	55	103	66	87	20	103	48	85	14
59	JOY 240209	JOY240209	GFM 210178	JOY 210036	7	0.9		87	65	114	68	106	47	78	46	102	33	104	50	111	61	104	26	104	45	112	19
60	JOY 240210	JOY240210	CEF 130317	JOY 180023	7	0.8		118	72	105	72	77	64	108	62	103	52	106	60	103	69	117	50	108	58	111	50
61	JOY 240234	JOY240234	GFM 210178	JOY 210017	8	0.9		100	65	97	68	109	47	89	46	106	33	100	50	94	61	102	26	100	45	104	18
62	JOY 240260	JOY240260	JOY 220062	JOY 210009	7	8.8		121	67	98	69	117	51	93	48	89	37	109	53	109	63	102	25	108	47	95	20
63	JOY 240264	JOY240264	JOY 180011	JOY 170014	6	3.9		91	71	103	72	128	60	91	57	89	43	103	58	109	68	95	25	101	51	93	22
								★★★★																			
1	BP 130039	BP 130039	LAR 080020	BP 080048	7	1.8		111	81	103	79	85	83	100	77	84	52	91	69	99	80	95	36	90	62	92	29
2	JOY 120109	JOY120109	LAR 040377	JOY 030027	6	0.0		103	84	84	82	93	87	112	76	115	54	90	71	77	82	94	26	89	62	88	23
3	JOY 120168	JOY120168	NPT 090081	JOY 010020	6	0.0		90	84	104	81	119	87	97	76	76	49	94	70	108	82	105	23	95	61	103	15
4	JOY 130122	JOY130122	NPT 070222	JOY 060016	7	1.0		127	83	77	82	104	86	113	78	107	54	98	71	84	82	72	26	91	62	67	14
5	JOY 150066	JOY150066	JRP 070022	LAR 020360	6	3.6		84	82	125	81	64	83	93	75	88	53	90	69	106	81	109	28	92	61	102	22
6	JOY 150088	JOY150088	NPT 070222	JOY 060016	6	1.0		101	81	87	79	103	82	106	78	114	53	96	69	84	80	68	26	88	60	65	14
7	JOY 150138	JOY150138	KVB 080089	JOY 110172	7	0.8		93	81	102	79	87	83	128	77	86	55	93	69	103	80	92	34	91	62	84	26
8	JOY 150157	JOY150157	NPT 090081	JOY 050039	8	0.6		71	81	123	80	124	83	78	79	72	53	98	69	124	81	109	27	99	61	108	16
9	JOY 160033	JOY160033	NPT 070222	JOY 050149	6	1.4		102	82	87	78	108	81	120	76	94	52	93	68	93	79	68	28	86	60	74	15
10	JOY 160076	JOY160076	KVB 080089	JOY 130085	6	0.8		115	82	87	79	106	82	123	77	78	57	91	69	99	80	94	35	90	62	85	28

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★																			
11	JOY 170046	JOY170046	KVB 080089	JRP 140033	6	1.8				109	80	107	78	80	81	103	78	83	56	93	69	102	79	95	40	92	63	86	34
12	JOY 170054	JOY170054	KTB 130110	JOY 100154	7	1.8				88	80	107	77	104	79	100	73	93	48	98	66	105	77	101	26	98	58	92	16
13	JOY 170108	JOY170108	JOY 120119	JOY 110025	8	1.0				92	80	107	78	110	81	89	77	89	52	97	68	104	79	101	22	97	59	100	20
14	JOY 170111	JOY170111	KVB 080089	BP 130039	6	4.4				109	80	96	78	99	80	124	76	70	54	90	68	104	78	92	37	88	62	88	29
15	JOY 180015	JOY180015	JOY 130002	JOY 140025	6	1.1				94	80	107	78	98	79	90	76	96	51	97	67	100	78	100	20	97	58	98	17
16	JOY 180022	JOY180022	JOY 120119	JOY 110067	8	13.4				77	80	107	77	108	77	92	76	106	52	99	67	100	77	111	22	100	58	106	18
17	JOY 180114	JOY180114	JOY 120119	JOY 130122	7	0.4				105	80	96	78	104	79	99	75	101	52	99	67	96	78	94	22	97	58	90	16
18	JOY 190047	JOY190047	LAR 120230	JRP 110022	6	1.4				77	79	116	78	108	79	71	76	88	51	92	67	110	78	115	38	95	61	111	26
19	JOY 190112	JOY190112	JOY 130002	JOY 110110	6	0.6				97	79	106	76	87	74	87	75	107	50	97	65	95	76	85	20	93	56	89	17
20	JOY 190137	JOY190137	JOY 120119	JOY 130061	7	0.6				72	79	116	77	115	77	89	76	87	51	98	66	112	77	104	22	99	57	108	18
21	JOY 190151	JOY190151	JOY 130002	JOY 100003	7	1.2				112	78	94	77	106	77	89	75	95	50	96	66	93	77	82	20	91	57	90	16
22	JOY 190176	JOY190176	NPT 160055	JOY 160016	7	2.1				95	78	98	75	109	72	90	73	106	47	98	64	93	75	99	24	97	56	96	12
23	JOY 200033	JOY200033	JRP 150031	JOY 150138	7	2.0				81	77	115	75	108	73	102	73	64	47	91	64	118	75	106	28	93	57	101	26
24	JOY 200128	JOY200128	JOY 130002	JOY 130122	6	1.5				133	78	81	76	100	75	102	75	104	50	98	65	84	76	74	20	91	56	79	17
25	JOY 200168	JOY200168	KVB 080089	JRP 130069	7	2.1				75	78	115	76	106	74	97	75	81	53	94	66	111	76	98	37	93	60	92	29
26	JOY 200180	JOY200180	DAJ 170037	JOY 140171	7	0.5				80	76	103	74	99	71	98	72	106	44	94	62	92	73	97	22	93	54	98	15
27	JOY 200195	JOY200195	JOY 130002	JRP 150027	7	0.8				115	77	105	76	74	74	88	75	100	50	95	65	93	76	97	27	94	57	98	26
28	JOY 210003	JOY210003	KVB 080089	JOY 180122	7	4.0				88	75	105	75	124	74	110	75	68	52	98	65	118	75	101	34	97	59	95	26
29	JOY 210009	JOY210009	KVB 080089	JOY 180129	8	2.8				117	75	93	75	81	74	122	75	90	52	93	65	94	75	91	36	91	59	85	29
30	JOY 210030	JOY210030	LAR 120230	JOY 170050	7	1.1				91	76	108	76	92	74	91	75	96	49	93	65	100	75	111	38	96	60	105	27
31	JOY 210117	JOY210117	MCU 170224	JOY 190034	7	0.9				79	75	114	74	87	70	83	74	108	47	94	63	96	73	100	30	94	56	104	24
32	JOY 210133	JOY210133	JOY 180011	JOY 120080	7	2.6				86	77	98	75	123	71	92	73	99	47	98	64	98	74					94	16
33	JOY 210152	JOY210152	JOY 180011	JOY 110067	7	1.1				69	77	105	75	132	71	90	73	90	48	96	64	105	74	93	20	94	55	95	16
34	JOY 210211	JOY210211	LAR 120230	JOY 150037	7	0.6				72	76	124	75	99	71	68	74	91	49	94	64	114	74	115	37	98	59	107	24
35	JOY 210241	JOY210241	JOY 180011	JOY 120106	7	2.2				102	76	100	75	111	70	86	73	84	47	91	63	97	74	100	20	91	54	98	16
36	JOY 220004	JOY220004	MCU 170224	JOY 190127	7	0.6				126	74	94	73	77	70	100	74	105	46	97	62	87	73	90	28	94	55	95	24
37	JOY 220018	JOY220018	MCU 170224	JOY 190108	6	1.4				102	74	109	73	73	69	93	74	110	46	98	62	94	72	100	30	98	56	105	26
38	JOY 220050	JOY220050	MCU 170224	JOY 190143	7	0.5				103	74	98	73	74	70	99	74	116	46	93	62	82	73	91	28	91	55	96	24
39	JOY 220056	JOY220056	MCU 170224	JOY 200007	6	0.9				101	74	104	73	89	69	95	73	105	45	99	62	96	72	100	30	98	56	103	24
40	JOY 220127	JOY220127	JOY 180011	JOY 190042	7	1.8				83	73	112	73	127	68	87	70	67	44	95	61	116	72					107	18

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nI821 F94L <i>Italics: DNA Test</i>	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
									★★★★																			
41	JOY 220193	JOY220193	MCU 170224	JOY 180004	7	1.8			88	75	107	74	85	70	98	72	105	47	94	63	93	73	105	34	95	57	106	30
42	JOY 230027	JOY230027	MCU 170224	JOY 200172	6	1.0			98	72	99	71	80	62	99	57	109	44	90	58	84	68	95	30	89	52	97	24
43	JOY 230033	JOY230033	MCU 170224	JOY 200181	6	0.9			98	74	103	72	79	64	98	58	108	44	94	59	89	69	100	30	94	53	102	24
44	JOY 230101	JOY230101	MCU 170224	JOY 180127	8	1.0			111	72	94	72	97	65	104	59	89	46	92	59	93	69	94	32	91	54	95	26
45	JOY 230103	JOY230103	MCU 170224	JOY 200153	9	0.9			92	71	115	71	83	63	82	57	95	44	93	58	101	68	111	30	96	52	113	24
46	JOY 230128	JOY230128	JOY 210021	JOY 190015	8	3.3			90	70	100	71	114	59	95	48	86	42	92	56	100	66	112	27	95	50	100	20
47	JOY 230150	JOY230150	MCU 170224	JOY 200037	8	1.0			106	72	105	72	77	65	97	58	95	44	92	59	94	69	103	30	93	53	106	26
48	JOY 230183	JOY230183	JOY 180011	JOY 180023	7	0.9			96	72	101	73	116	65	95	56	79	45	93	59	104	69	88	22	90	52	88	18
49	JOY 230192	JOY230192	JOY 180011	JOY 150037	8	1.2			69	73	121	74	132	66	75	56	68	44	97	59	125	70					105	14
50	JOY 240002	JOY240002	MCU 170224	JOY 210122	6	0.8			129	72	81	70	86	58	113	58	114	44	97	57	79	67	88	28	94	51	90	24
51	JOY 240010	JOY240010	JOY 210021	JOY 200182	7	1.2			111	70	92	69	101	51	107	48	96	41	97	54	94	63	94	20	95	47	90	16
52	JOY 240020	JOY240020	MCU 170224	JOY 210103	7	1.3			87	72	108	70	89	58	90	58	99	44	91	57	93	67	97	29	90	51	102	24
53	JOY 240027	JOY240027	JOY 210021	JOY 170074	7	1.3			106	71	93	71	108	53	113	49	89	42	97	55	99	65	101	26	96	49	91	24
54	JOY 240095	JOY240095	JOY 180011	JOY 160076	6	1.4			103	73	94	72	121	60	99	57	81	46	94	58	101	68	92	22	92	51	91	18
55	JOY 240161	JOY240161	MCU 170224	JOY 220082	7	1.2			108	69	97	70	92	57	102	58	90	41	90	56	92	66	93	29	89	51	97	24
56	JOY 240165	JOY240165	MCU 170224	JOY 220075	7	1.2			100	69	101	70	101	57	97	58	99	41	99	56	97	66	96	28	97	50	103	24
57	JOY 240191	JOY240191	MCU 170224	JOY 220144	6	1.0			86	69	108	70	89	58	89	58	110	42	96	56	93	66	102	30	96	51	102	26
58	JOY 240192	JOY240192	MCU 170224	JOY 220148	7	1.2			86	69	107	70	84	58	98	58	109	42	94	56	92	66	98	32	94	51	98	28
59	JOY 240215	JOY240215	CEF 130317	JOY 150066	7	1.5			93	73	117	73	66	65	96	62	104	51	96	61	100	70	127	48	102	58	119	50
60	JOY 240221	JOY240221	CEF 130317	JOY 170126	7	0.7			103	72	108	72	81	64	95	63	100	52	98	61	99	69	120	50	102	59	111	50
61	JOY 240237	JOY240237	GFM 210178	JOY 180041	8	0.7			81	66	119	68	96	49	81	46	81	34	91	51	110	61	99	24	91	46	109	17
62	JOY 240247	JOY240247	MCU 170224	JOY 220113	7	0.9			90	69	105	70	89	58	92	58	110	42	95	56	91	66	93	30	93	51	96	24
63	JOY 240270	JOY240270	MCU 170224	JOY 220141	7	1.3			92	69	103	70	96	58	92	58	110	42	98	56	93	66	99	31	98	51	99	26
64	JOY 240294	JOY240294	JOY 180011	JOY 190047	6	2.1			84	70	106	71	122	59	79	56	80	41	91	56	105	67	102	24	91	50	102	18
									★★★★☆																			
1	JOY 120027	JOY120027	JRP 050027	JOY 070117	7	0.3			96	84	88	82	98	87	107	78	101	54	85	71	81	83	80	28	81	62	74	25
2	JOY 120118	JOY120118	NPT 070222	JOY 080008	7	0.7			97	83	85	82	99	86	116	75	107	52	89	70	81	82	79	24	85	61	78	14
3	JOY 130173	JOY130173	JOY 080026	JOY 100003	7	13.2			116	82	89	80	90	84	98	76	85	49	82	68	84	81	83	24	79	59	84	10

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★																			
4	JOY 140072	JOY140072	JRP 070022	JOY 090037	7	1.2				94	82	95	81	91	84	101	76	100	52	86	69	87	81	106	24	88	60	93	18
5	JOY 150090	JOY150090	JOY 120119	JOY 070084	6	0.9				113	81	96	79	92	82	99	77	68	52	80	68	94	80	99	22	81	59	96	16
6	JOY 150118	JOY150118	JOY 120119	JOY 080136	6	0.9				72	81	104	79	102	82	98	75	86	52	81	68	92	79	102	22	83	59	99	20
7	JOY 150140	JOY150140	KVB 080089	JOY 110144	6	0.8				94	81	102	78	112	81	114	77	57	56	86	69	110	79	97	36	86	62	94	28
8	JOY 160014	JOY160014	NPT 070222	JOY 060084	6	0.7				97	81	87	80	109	84	103	77	90	53	83	69	83	81	76	28	78	61	78	16
9	JOY 160056	JOY160056	JOY 120119	JOY 130058	7	13.4				87	81	112	79	87	82	87	77	88	53	87	69	97	80	114	22	91	60	113	18
10	JOY 180041	JOY180041	JOY 130002	JOY 110147	7	6.9				81	79	119	77	98	78	88	76	69	51	88	67	109	77	89	20	86	58	97	16
11	JOY 190017	JOY190017	LAR 120230	JOY 120070	7	1.1				93	79	105	77	61	77	102	75	113	51	88	66	84	77	101	36	89	60	93	25
12	JOY 190045	JOY190045	LAR 120230	JRP 100038	6	1.0				92	79	101	78	98	79	92	77	77	53	80	67	93	78	102	42	82	62	99	32
13	JOY 190058	JOY190058	JOY 120119	JOY 110165	6	1.4				89	78	108	77	93	79	77	76	87	51	82	67	97	77	109	21	85	58	103	18
14	JOY 190122	JOY190122	JOY 120119	JOY 120080	7	13.4				83	79	102	77	86	77	100	75	104	52	87	66	87	77	106	22	89	57	102	18
15	JOY 190188	JOY190188	NPT 160055	JOY 160014	7	1.0				83	77	97	75	103	73	95	73	94	46	83	64	86	75	95	25	83	56	95	12
16	JOY 200127	JOY200127	DAJ 170037	JOY 100003	7	0.8				118	77	89	75	84	72	106	73	99	44	89	63	83	74	84	24	86	55	88	14
17	JOY 200139	JOY200139	JOY 130002	JOY 130048	8	1.1				88	77	109	76	92	74	79	75	94	50	89	65	96	76	85	20	86	56	91	17
18	JOY 200146	JOY200146	DAJ 170037	JOY 100160	7	1.0				76	76	111	74	100	72	84	72	91	44	88	63	98	74	99	23	88	55	99	16
19	JOY 200178	JOY200178	JOY 130002	JOY 110129	8	10.0				106	78	94	76	72	74	106	75	97	51	81	65	79	76	81	20	78	56	85	16
20	JOY 210005	JOY210005	LAR 120230	JOY 170046	8	3.5				104	76	105	76	72	74	91	75	92	51	84	65	89	75	106	40	86	60	97	30
21	JOY 210109	JOY210109	JOY 180011	JOY 130173	8	0.8				123	76	90	75	105	70	91	72	76	45	87	63	92	74				88	14	
22	JOY 210161	JOY210161	MCU 170224	JOY 100017	7	0.6				90	77	96	75	87	71	98	74	111	47	87	64	80	74	91	30	86	57	90	24
23	JOY 210192	JOY210192	MCU 170224	JOY 170108	7	1.4				101	76	100	74	77	70	92	74	98	47	84	63	83	74	99	30	85	56	97	24
24	JOY 210215	JOY210215	GCS 160035	JOY 170002	7	1.7				78	75	106	72	100	63	89	69	97	43	88	60	93	70				90	12	
25	JOY 210233	JOY210233	MCU 170224	JOY 190047	7	1.5				83	74	107	72	84	66	88	74	96	47	83	61	88	71	107	34	86	56	107	26
26	JOY 220031	JOY220031	MCU 170224	JOY 190137	7	1.2				76	74	115	73	73	70	88	74	101	46	85	62	90	73	102	29	86	55	108	24
27	JOY 220070	JOY220070	JOY 180011	JOY 150090	6	1.3				104	74	96	74	123	70	106	73	60	44	89	62	107	73				95	14	
28	JOY 220188	JOY220188	LAR 120230	JOY 160016	6	0.5				94	75	93	75	89	71	86	72	107	49	80	63	75	74	98	37	81	58	89	25
29	JOY 230008	JOY230008	JOY 180011	JOY 190200	7	1.5				113	73	90	70	97	62	99	55	90	43	87	57	86	67				86	14	
30	JOY 230044	JOY230044	MCU 170224	JOY 200139	7	0.6				97	74	106	71	72	59	87	58	95	45	82	58	85	68	92	28	81	52	98	24
31	JOY 230102	JOY230102	MCU 170224	JOY 210026	6	1.6				104	71	97	71	74	63	98	58	105	45	85	58	80	68	102	34	87	53	99	27
32	JOY 240040	JOY240040	JOY 210021	JOY 190176	7	2.8				92	70	95	69	107	50	101	47	92	40	88	53	91	63	101	21	89	47	92	14
33	JOY 240076	JOY240076	MCU 170224	JOY 210152	7	1.0				71	72	109	70	95	58	91	58	98	44	87	57	93	67	97	29	87	51	102	24

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
34	JOY 240082	JOY240082	LAR 120230	JOY 190108	7	2.3		83	71	111	71	83	60	87	60	97	45	87	58	94	68	110	38	90	54	104	26
35	JOY 240230	JOY240230	CEF 130317	JOY 140087	7	0.3		102	72	97	73	84	65	95	61	104	50	88	60	84	70	118	46	93	57	109	49
1	JOY 110010	JOY110010	NPT 070222	JOY 080118	6	0.3		131	85	72	83	75	87	136	77	87	54	76	71	71	83	61	27	69	62	63	18
2	JOY 170126	JOY170126	KVB 080089	JOY 140129	7	0.4		90	80	96	79	98	82	102	78	80	54	78	69	88	80	90	33	77	62	80	26
3	JOY 190184	JOY190184	LAR 120230	JOY 120027	7	1.0		80	79	101	77	86	77	87	75	102	51	79	66	80	77	100	38	80	60	90	26
4	JOY 210121	JOY210121	MCU 170224	JOY 190045	8	1.2		100	75	92	74	87	70	94	74	88	47	75	63	77	73	100	34	77	57	97	28
5	JOY 220119	JOY220119	GCS 160035	JOY 130083	7	1.9		101	74	94	74	78	68	84	69	97	43	74	61	75	72	97	20	76	53	88	14
6	JOY 220171	JOY220171	GCS 160035	JOY 160056	6	2.0		79	73	114	74	72	68	78	69	89	43	74	61	90	72					102	12
7	JOY 220187	JOY220187	LAR 120230	JOY 120027	7	1.0		80	76	99	75	84	72	88	72	100	49	75	64	76	74	100	38	77	59	88	26
8	JOY 230184	JOY230184	JOY 210021	JOY 170126	7	15.6		100	71	93	72	81	61	111	49	87	42	78	57	83	67	95	24	79	50	82	18
9	JOY 230201	JOY230201	JOY 180011	JOY 140087	6	1.3		96	73	93	74	114	66	87	55	73	43	78	59	88	70					88	14
10	JOY 240013	JOY240013	MCU 170224	JOY 210211	7	1.1		71	70	113	70	78	58	81	58	99	42	79	56	88	66	106	32	82	51	104	26
11	JRP 130097	JRP 130097	LDW 100112	JRP 100082	8	1.2		95	81	98	79	92	82	104	71	73	49	76	67	91	79	77	36	73	61	80	35
1	JOY 130042	JOY130042	NPT 070222	JOY 010029	7	0.0		99	82	73	80	79	85	124	72	100	49	65	68	58	80	65	22	60	59	66	12
2	JOY 210236	JOY210236	LAR 120230	JOY 170043	8	1.9		95	76	98	73	51	66	100	72	86	49	61	62	69	72	96	36	64	57	89	26
3	JOY 220131	JOY220131	GCS 160035	JOY 120029	7	2.0		89	74	101	74	65	69	83	69	97	43	68	61	73	72	88	20	68	53	84	15
1	JOY 220140	JOY220140	GCS 160035	JOY 150157	7	0.9		80	74	101	74	58	68	83	70	89	43	56	61	67	72	94	20	59	53	88	12
2	JOY 220162	JOY220162	GCS 160035	JOY 170126	6	1.1		101	73	88	73	45	68	102	69	90	43	52	61	54	71	84	22	53	53	75	16

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
				Italics: DNA Test				★★★★★★																			
1	JOY 250017	JOY250017	CEF 130317	JOY 190106	1.4			108	71	129	71	97	62	81	62	114	51	135	59	134	68	135	48	138	57	136	50
2	JOY 250047	JOY250047	CEF 130317	JOY 190117	1.4			98	71	132	71	101	62	80	62	116	51	135	59	137	68	132	50	138	57	135	51
3	JOY 250049	JOY250049	CEF 130317	JOY 200015	1.3			85	71	138	71	95	62	76	62	116	51	130	59	136	68	132	48	133	57	136	50
4	JOY 250055	JOY250055	JOY 220143	JOY 210239	14.7			83	66	131	68	126	49	87	48	104	35	135	51	142	62	103	21	131	45	111	17
5	JOY 250116	JOY250116	JOY 200204	JOY 190118	26.0			81	68	139	70	146	53	78	48	121	37	154	53	152	64	116	20	151	46	115	16
6	JOY 250164	JOY250164	CKB 190026	JOY 180132	2.9			95	69	132	71	108	55	83	53	106	39	133	55	139	65	116	35	132	51	114	45
7	JOY 250169	JOY250169	CKB 190026	JOY 210008	1.5			102	68	126	70	113	54	86	53	118	39	141	54	136	65	118	34	139	50	116	44
8	JOY 250248	JOY250248	JOY 220062	JOY 210033	14.2			90	67	129	69	129	51	75	48	97	36	130	52	143	63	111	23	128	46	113	19
9	JOY 250263	JOY250263	JOY 220143	JOY 180050	3.8			79	68	134	69	124	52	77	48	106	36	132	53	143	63					110	14
10	JOY 250266	JOY250266	JOY 220143	JOY 190047	1.9			79	68	145	69	116	52	65	49	99	35	133	53	152	63	115	24	132	47	121	17
11	JOY 250279	JOY250279	JOY 220143	JOY 210003	4.4			81	67	136	69	126	50	82	48	89	36	131	52	149	62	107	22	128	46	111	18
								★★★★★★☆																			
1	JOY 250030	JOY250030	CEF 130317	JOY 200007	0.8			101	71	126	71	90	62	86	61	104	50	120	59	125	68	129	48	124	57	131	50
2	JOY 250062	JOY250062	JOY 220062	JOY 200168	2.6			73	67	136	69	128	51	76	48	83	37	122	53	145	63	111	25	122	47	110	20
3	JOY 250086	JOY250086	JOY 220062	JOY 190137	2.1			72	68	138	69	135	52	76	49	86	37	129	53	151	63	114	20	128	46	116	16
4	JOY 250095	JOY250095	JOY 200204	JOY 200128	0.9			102	68	108	70	121	52	89	48	112	37	122	53	116	64					94	14
5	JOY 250101	JOY250101	JOY 200204	JOY 170072	2.8			98	69	125	71	116	54	87	49	100	39	129	54	135	65	110	22	127	48	104	18
6	JOY 250162	JOY250162	CKB 190026	JOY 150036	2.3			115	71	114	73	104	58	98	54	95	41	121	57	124	67	113	36	120	53	105	44
7	JOY 250163	JOY250163	CKB 190026	JRP 140038	2.6			110	71	119	73	99	58	93	54	105	41	125	57	125	67	112	38	124	53	110	48
8	JOY 250168	JOY250168	CKB 190026	JOY 190006	1.7			92	69	133	71	85	55	79	53	115	39	124	55	129	65	119	36	125	51	111	44
9	JOY 250175	JOY250175	CEF 130317	JOY 230147	0.9			119	70	108	70	103	59	93	55	119	49	127	57	115	66	125	48	129	55	122	50
10	JOY 250177	JOY250177	JOY 230068	JOY 180040	10.5			95	68	119	69	119	51	83	48	99	34	121	52	126	63					104	16
11	JOY 250195	JOY250195	CEF 130317	JOY 120080	0.7			97	74	125	73	80	66	89	63	117	52	120	61	117	71	131	48	124	58	132	50
12	JOY 250196	JOY250196	JOY 230068	JOY 170014	3.3			87	69	123	70	121	51	80	48	99	36	121	53	129	64	104	23	119	47	109	20
13	JOY 250203	JOY250203	JOY 230068	JOY 170002	2.1			77	69	126	70	132	51	75	47	103	33	125	52	135	63					109	12
14	JOY 250210	JOY250210	SYF 220011	JOY 220146	1.6			103	66	113	68	110	48	90	47	111	35	123	51	118	61	93	32	118	47	104	36
15	JOY 250235	JOY250235	CEF 130317	JOY 190019	1.2			90	71	124	72	96	63	89	62	111	51	120	60	120	69	129	49	123	58	127	50
16	JOY 250251	JOY250251	JOY 220062	BP 130056	2.6			83	69	115	71	146	55	81	50	93	38	120	54	129	65	110	26	120	48	111	22
17	JOY 250255	JOY250255	JOY 220062	JOY 160133	2.0			90	69	117	71	136	54	80	50	99	37	124	54	129	65	102	20	121	47	105	17

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X n1821 F94L <i>Italics: DNA Test</i>	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							★★★★★																			
18	JOY 250285	JOY250285	JOY 220143	JOY 220006	1.9		78	66	131	68	119	47	79	47	99	34	124	51	136	61	109	20	122	45	117	17
19	JOY 250294	JOY250294	JOY 220143	JOY 160207	1.6		79	69	128	71	118	53	80	48	109	35	126	53	132	64	101	22	122	47	102	18
20	JOY 250298	JOY250298	JOY 220062	JOY 210019	2.4		88	67	120	68	143	50	88	48	81	37	122	52	137	62	107	24	120	46	108	20
21	JOY 260045	JOY260045	JOY 230068	JOY 210224	7.7		85	66	118	57	133	47	79	47	105	34	123	47	127	55	106	20	121	42	110	18
22	JOY 260081	JOY260081	JOY 230104	JOY 190118	1.6		93	67	110	52	121	48	91	47	116	33	122	46	115	53	102	20	119	41	104	16
							★★★★★																			
1	JOY 250009	JOY250009	CEF 130317	JOY 170074	1.1		119	73	113	73	83	64	99	63	103	52	115	61	114	70	127	50	119	59	125	52
2	JOY 250010	JOY250010	CEF 130317	JOY 200150	1.0		118	71	110	70	77	60	100	61	108	49	112	58	108	67	121	48	115	56	122	50
3	JOY 250011	JOY250011	CEF 130317	JOY 190127	0.8		137	72	98	71	88	63	106	62	112	51	118	60	105	68	115	48	119	58	117	50
4	JOY 250026	JOY250026	CEF 130317	JOY 200126	1.0		105	71	113	71	81	61	95	61	114	50	112	59	106	68	119	48	114	57	119	50
5	JOY 250038	JOY250038	CEF 130317	JOY 200182	0.7		127	71	107	71	78	62	100	62	116	51	118	59	106	68	119	48	119	57	120	50
6	JOY 250041	JOY250041	JOY 220143	JOY 210233	1.7		77	66	123	68	107	47	82	48	105	34	112	51	119	61	107	22	111	45	111	17
7	JOY 250044	JOY250044	CEF 130317	JOY 200124	0.7		94	71	120	71	94	61	94	61	112	50	119	59	118	68	128	48	122	57	129	50
8	JOY 250048	JOY250048	JOY 220143	JOY 210161	1.1		76	67	124	68	108	49	83	48	112	34	117	51	120	62	100	20	114	45	105	16
9	JOY 250060	JOY250060	CEF 130317	JOY 190129	1.0		101	71	113	71	87	63	97	62	112	51	112	60	109	68	126	48	116	58	124	50
10	JOY 250061	JOY250061	CEF 130317	JOY 190108	1.3		98	71	120	71	84	62	93	62	111	51	115	59	115	68	127	48	119	57	127	50
11	JOY 250077	JOY250077	CEF 130317	JOY 190140	0.9		104	71	122	71	93	62	81	62	101	51	116	59	122	68	131	48	121	57	130	50
12	JOY 250082	JOY250082	JOY 220143	JOY 210103	4.6		75	66	117	69	130	49	87	47	101	34	117	51	122	62					103	14
13	JOY 250121	JOY250121	JOY 180011	JOY 170134	1.4		87	70	109	71	135	59	87	57	90	42	110	57	118	67	98	20	108	50	101	18
14	JOY 250176	JOY250176	CKB 190026	JOY 130103	0.6		103	71	111	73	102	58	96	53	114	39	119	56	114	67	105	34	117	52	99	44
15	JOY 250190	JOY250190	CKB 190026	JOY 170111	3.7		119	69	107	71	92	56	107	53	94	40	112	55	114	66	106	36	112	51	99	44
16	JOY 250191	JOY250191	CKB 190026	JOY 210005	3.0		107	68	119	70	78	54	90	53	105	39	112	54	113	65	115	36	113	50	106	44
17	JOY 250200	JOY250200	SYF 220011	JOY 220075	1.8		105	66	104	68	113	47	101	48	96	33	110	51	111	61	89	30	106	47	101	34
18	JOY 250205	JOY250205	JOY 230068	JOY 160016	5.4		92	69	109	70	124	52	81	48	104	35	113	53	113	64					100	12
19	JOY 250212	JOY250212	JOY 230068	JOY 170108	3.4		81	68	124	69	119	51	75	48	91	34	111	52	127	63					111	12
20	JOY 250217	JOY250217	SYF 220011	JOY 220141	1.9		101	66	105	68	107	48	96	48	107	36	111	51	106	62	93	32	107	47	98	36
21	JOY 250229	JOY250229	JOY 230068	JOY 150157	0.9		72	69	141	70	123	52	65	48	81	35	119	53	148	64					120	12
22	JOY 250237	JOY250237	JOY 180011	JOY 190054	2.4		80	70	127	71	124	59	74	56	80	41	111	56	133	67	107	20	110	49	116	18
23	JOY 260025	JOY260025	JOY 230068	JOY 120111	0.7		103	70	103	59	116	53	84	48	106	35	110	50	106	58					102	12

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X ni821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
Italics: DNA Test																										
							★★★★★																			
24	JOY 260026	JOY260026	JOY 230068	JOY 180129	8.1		88	68	121	58	114	50	76	48	105	33	117	48	123	57	105	20	115	42	108	16
25	JOY 260052	JOY260052	SYF 220011	JOY 200015	2.0		94	68	114	58	106	49	91	48	109	35	116	49	114	57	95	32	112	46	103	36
26	JOY 260062	JOY260062	AG 210198	JOY 240052	1.8		94	64	106	51	109	37	106	36	107	28	113	41	111	49					100	18
27	JOY 260066	JOY260066	JOY 230134	JOY 230079	1.5		81	65	113	51	118	43	89	38	108	31	113	43	114	50					97	14
28	JOY 260067	JOY260067	JOY 230134	JOY 230006	1.5		85	65	115	51	116	41	93	38	109	31	117	43	118	50					97	14
29	JOY 260072	JOY260072	JOY 230068	JOY 190140	2.7		95	67	112	57	130	48	74	47	90	33	111	47	121	56					108	12
30	JOY 260073	JOY260073	AG 210198	JOY 240112	1.9		78	64	117	51	107	37	95	36	105	28	111	41	115	49	99	20	109	37	99	18
31	JOY 260089	JOY260089	AG 210198	JOY 240068	1.2		98	64	104	51	111	37	98	36	111	28	114	41	108	49					101	16
32	JOY 260096	JOY260096	AG 210198	JOY 240064	1.7		93	64	109	51	103	37	97	36	110	27	110	41	107	49					101	16
							★★★★☆																			
1	JOY 250028	JOY250028	CEF 130317	JOY 190184	1.0		101	71	118	71	69	63	89	62	110	51	105	60	104	68	127	50	110	58	124	50
2	JOY 250031	JOY250031	MCU 170224	JOY 230026	1.4		100	69	109	70	90	56	95	54	103	41	103	55	102	65	104	30	103	50	109	26
3	JOY 250046	JOY250046	JOY 220062	JOY 210121	1.8		72	67	122	68	120	49	77	48	87	35	104	52	121	62	111	24	105	46	110	20
4	JOY 250051	JOY250051	MCU 170224	JOY 230085	1.3		88	69	120	70	89	57	81	54	104	42	105	56	110	65	104	32	104	51	112	26
5	JOY 250099	JOY250099	JOY 180011	JOY 200044	1.5		75	70	116	71	144	58	90	56	69	41	106	56	129	67	105	20	106	49	109	18
6	JOY 250119	JOY250119	JOY 180011	JOY 190172	1.6		75	70	116	70	127	57	81	56	82	42	101	56	118	66	105	21	101	49	106	18
7	JOY 250151	JOY250151	MCU 170224	JOY 230114	0.8		103	69	105	69	89	55	91	50	106	39	100	54	96	64	101	28	100	49	107	23
8	JOY 250173	JOY250173	CEF 130317	JOY 230103	1.2		100	70	123	70	72	59	86	57	106	50	108	58	110	66	131	49	113	56	132	50
9	JOY 250208	JOY250208	SYF 220011	JOY 220144	1.6		98	66	101	68	103	48	100	47	108	35	104	51	99	61	93	32	101	47	96	36
10	JOY 250220	JOY250220	CEF 130317	JOY 180041	0.6		91	71	130	72	78	63	85	62	93	51	107	60	119	69	122	48	110	58	127	50
11	JOY 250222	JOY250222	SYF 220011	JOY 220019	2.0		98	66	111	68	88	47	93	48	109	34	105	51	102	61	93	32	102	47	102	36
12	JOY 250226	JOY250226	JOY 230068	JOY 180022	2.3		80	68	115	68	119	49	81	47	100	34	109	51	115	62					110	12
13	JOY 250230	JOY250230	CEF 130317	JOY 160014	0.9		106	73	119	73	79	65	87	62	103	52	109	61	111	70	118	48	111	58	122	50
14	JOY 250236	JOY250236	JOY 230068	JOY 210009	5.4		109	66	111	68	104	48	88	47	92	35	109	51	113	61	98	21	107	45	103	16
15	JOY 250254	JOY250254	JOY 220062	JOY 160033	0.6		89	69	107	59	131	53	88	48	91	36	108	50	114	58	94	22	104	44	95	16
16	JOY 250259	JOY250259	JOY 230068	JOY 150030	0.8		71	68	125	70	130	51	74	47	78	33	106	52	130	63					112	12
17	JOY 250260	JOY250260	JOY 230068	JRP 130097	2.0		88	69	117	70	109	51	82	45	83	33	100	52	115	63	92	20	98	46	101	20
18	JOY 250293	JOY250293	SYF 220011	JOY 220082	1.8		124	66	85	68	107	47	122	48	88	34	100	51	98	61	82	30	95	47	89	34
19	JOY 250296	JOY250296	SYF 220011	JOY 220113	1.2		97	66	97	68	105	48	104	47	109	35	103	51	97	61	84	32	98	47	88	35

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ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X n1821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test																					
								★★★★☆																			
20	JOY 250299	JOY250299	JOY 180011	JOY 170145	2.2			73	70	112	71	125	58	87	56	93	41	103	56	112	67	98	20	101	49	103	16
21	JOY 260003	JOY260003	JOY 230134	JOY 230061	1.4			107	65	99	50	91	39	101	37	105	29	100	42	94	49					95	15
22	JOY 260015	JOY260015	JOY 230134	JOY 230077	4.7			99	65	103	51	110	43	100	39	101	31	107	43	107	50					92	14
23	JOY 260020	JOY260020	AG 210198	JOY 240102	1.3			112	66	94	52	102	41	104	39	104	30	104	43	97	50					96	18
24	JOY 260030	JOY260030	SYF 220011	JOY 190127	0.6			115	68	93	58	101	50	112	49	104	35	107	49	100	57	81	30	101	45	89	34
25	JOY 260031	JOY260031	JOY 230104	JOY 190116	1.5			95	67	103	52	108	47	95	47	108	33	107	46	102	53	97	22	104	41	100	18
26	JOY 260036	JOY260036	JOY 230068	JOY 200168	2.2			73	67	122	57	120	47	83	47	88	34	107	48	122	55	101	20	105	42	102	16
27	JOY 260044	JOY260044	JOY 230104	JOY 210195	1.7			85	66	106	51	98	44	97	46	111	32	102	45	99	51	93	20	99	40	97	16
28	JOY 260048	JOY260048	AG 210198	JOY 240002	1.7			119	65	90	51	87	39	114	39	110	29	101	42	89	49	90	21	97	38	94	20
29	JOY 260051	JOY260051	SYF 220011	JOY 170074	2.7			112	69	93	59	99	51	120	50	96	37	102	50	100	58	90	34	98	47	92	38
30	JOY 260057	JOY260057	JOY 230068	JOY 200199	1.7			74	67	122	57	121	46	76	46	94	30	109	47	123	55					110	12
31	JOY 260063	JOY260063	AG 210198	JOY 240084	1.2			89	65	108	51	100	40	101	40	111	31	108	43	105	50	93	20	104	38	98	19
32	JOY 260074	JOY260074	AG 210198	JOY 240027	2.2			97	64	101	51	99	37	114	36	98	29	101	42	103	49	96	20	99	38	95	20
33	JOY 260079	JOY260079	SYF 220011	JOY 190143	0.5			93	68	103	58	98	50	105	49	108	36	104	49	100	57	84	30	99	45	92	34
34	JOY 260084	JOY260084	JOY 230134	JOY 230057	3.4			92	65	103	51	111	42	95	38	101	31	102	43	102	50					94	13
35	JOY 260091	JOY260091	SYF 220011	JOY 200181	1.3			111	67	99	58	97	48	102	48	104	33	105	48	99	56	92	30	102	44	97	34
36	JOY 260092	JOY260092	JOY 230104	JOY 180202	4.1			91	67	107	52	102	49	88	47	113	33	105	46	99	53					100	16
37	JOY 260094	JOY260094	JOY 230068	JOY 190188	1.3			75	67	113	57	118	47	82	46	94	31	100	47	109	55					104	10
38	JOY 260097	JOY260097	SYF 220011	JOY 200123	0.9			91	68	105	58	99	49	102	49	105	36	102	49	101	57	86	30	98	45	94	34
39	JOY 260104	JOY260104	JOY 230134	JOY 230085	2.1			97	55	108	51	115	43	91	39	97	31	109	42	112	49					97	14
40	JOY 260105	JOY260105	JOY 230134	JOY 230085	2.1			97	55	108	51	115	43	91	39	97	31	109	42	112	49					97	14
41	JOY 260113	JOY260113	AG 210198	JOY 240010	1.3			104	64	98	50	95	37	111	36	101	28	100	41	99	48					94	18
42	JOY 260114	JOY260114	JOY 230134	JOY 230018	3.1			75	65	112	51	131	42	89	37	80	30	100	43	116	50					98	12
43	JOY 260117	JOY260117	JOY 230068	JOY 210109	14.9			107	66	104	57	118	46	81	46	85	31	102	47	109	55					100	10
44	JOY 260126	JOY260126	JOY 230068	JOY 200146	1.9			75	67	119	57	116	47	77	46	93	31	103	47	116	55					106	12
45	JOY 260129	JOY260129	SYF 220011	JOY 170050	1.0			92	69	103	59	108	51	103	49	105	36	106	50	105	58	94	32	103	46	97	36
46	JOY 260132	JOY260132	AG 210198	JOY 240065	1.9			91	64	114	51	103	37	88	36	100	27	107	41	111	49					103	16
								★★★★																			
1	JOY 250033	JOY250033	MCU 170224	JOY 230057	1.1			96	69	97	70	89	56	98	54	110	41	92	55	85	65	98	30	92	50	102	24

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X n1821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test																					
								★★★★																			
2	JOY 250070	JOY250070	MCU 170224	JOY 230007	1.1			96	69	105	69	96	55	91	53	93	41	94	55	97	64	99	28	93	50	106	24
3	JOY 250087	JOY250087	MCU 170224	JOY 230019	1.5			95	69	96	70	95	56	101	53	101	40	90	55	87	65	96	29	89	50	100	24
4	JOY 250092	JOY250092	JOY 180011	JOY 200178	15.3			91	70	107	70	102	57	90	56	84	41	91	56	100	66					96	15
5	JOY 250097	JOY250097	JOY 180011	JOY 190176	4.3			97	70	100	70	121	56	87	55	89	40	98	55	101	66					98	14
6	JOY 250118	JOY250118	MCU 170224	JOY 230080	1.3			103	69	95	70	89	57	106	54	102	42	92	56	89	65	97	31	91	51	99	26
7	JOY 250154	JOY250154	MCU 170224	JOY 230169	1.2			106	69	95	69	91	55	100	51	104	39	94	54	88	64	95	29	93	49	101	24
8	JOY 250241	JOY250241	MCU 170224	JOY 230206	1.3			77	69	112	70	94	55	89	51	107	40	97	55	98	65	101	28	97	50	105	24
9	JOY 250244	JOY250244	JOY 180011	JOY 120109	0.9			87	72	99	73	115	61	93	56	93	42	92	58	96	68					96	17
10	JOY 250280	JOY250280	JOY 180011	JOY 190153	1.3			71	69	116	70	136	57	86	56	63	40	95	55	121	66	103	20	95	48	107	18
11	JOY 250295	JOY250295	SYF 220011	JOY 220193	2.7			97	66	106	68	83	48	102	47	104	35	98	51	97	61	94	32	96	47	102	36
12	JOY 260012	JOY260012	SYF 220011	JOY 210161	1.4			100	67	95	58	86	47	108	48	107	34	92	48	86	56	86	32	89	45	90	36
13	JOY 260019	JOY260019	JOY 230134	JOY 230028	2.8			115	65	90	51	91	42	106	38	104	30	95	43	88	50					90	14
14	JOY 260021	JOY260021	JOY 230104	JOY 200158	5.5			115	66	93	52	91	47	105	47	104	33	98	46	89	53					93	16
15	JOY 260034	JOY260034	SYF 220011	JOY 200150	1.0			101	67	102	57	91	46	107	47	100	33	99	47	98	55	87	30	95	44	94	34
16	JOY 260047	JOY260047	SYF 220011	JOY 200033	2.4			105	67	99	58	95	48	111	48	83	34	93	48	101	56	93	32	92	45	95	36
17	JOY 260055	JOY260055	JOY 230068	JOY 150090	2.1			94	69	112	58	112	51	84	48	81	34	99	49	113	57					104	12
18	JOY 260061	JOY260061	AG 210198	JOY 240095	1.8			110	66	95	52	104	40	106	39	93	30	99	43	98	50					95	18
19	JOY 260065	JOY260065	SYF 220011	JOY 200126	1.5			108	67	95	57	92	48	104	47	107	33	99	47	92	56	83	30	94	44	89	34
20	JOY 260069	JOY260069	JOY 230134	JOY 230069	3.3			104	65	96	51	112	42	94	37	93	30	97	43	98	50					92	11
21	JOY 260071	JOY260071	SYF 220011	JOY 200180	1.5			94	67	99	57	92	47	108	47	105	33	95	47	93	55	89	30	93	44	93	34
22	JOY 260077	JOY260077	JOY 230104	JOY 180114	2.4			101	67	96	52	95	49	101	47	105	33	95	46	90	53					93	14
23	JOY 260080	JOY260080	JOY 230104	JOY 210152	2.6			93	66	96	51	108	46	97	47	99	31	93	45	91	52					96	14
24	JOY 260082	JOY260082	JOY 230104	JOY 200012	2.8			105	67	101	51	91	47	92	47	107	33	99	45	93	52	95	21	97	40	96	17
25	JOY 260103	JOY260103	JOY 230104	JOY 200134	1.4			103	66	98	51	96	45	98	46	100	31	95	44	92	52	98	21	94	39	101	17
26	JOY 260122	JOY260122	JOY 230104	JOY 180122	2.7			95	67	102	52	94	49	93	48	99	33	92	46	92	53					102	15
27	JOY 260125	JOY260125	SYF 220011	JOY 190172	1.9			97	68	102	58	101	49	97	48	97	36	98	49	99	57	99	32	97	46	99	36
28	JOY 260127	JOY260127	JOY 230104	JOY 190176	2.4			120	66	85	51	95	46	97	47	107	31	93	45	80	52					96	14
								★★★★☆																			
1	JOY 260013	JOY260013	SYF 220011	JOY 210211	1.6			78	67	110	58	92	48	90	48	97	35	89	48	95	56	98	34	89	45	98	36

Selection List on Cow Value

Bull calves younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease	Calf Growth	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X n1821 F94L	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc										
					Italics: DNA Test																						
								★★★★☆																			
2	JOY 260056	JOY260056	JOY 230104	JOY 190122	1.7			102	67	93	52	85	48	102	47	106	33	88	46	81	53			99	15		
3	JOY 260068	JOY260068	SYF 220011	JOY 190184	2.1			99	68	95	58	85	50	101	49	103	35	87	49	84	57	90	34	86	46	90	36
4	JOY 260093	JOY260093	JOY 230104	JOY 210215	1.5			94	65	97	50	92	43	96	45	103	30	89	43	86	50					93	14
5	JOY 260115	JOY260115	SYF 220011	JOY 210121	2.0			111	67	90	57	85	47	106	48	96	34	85	48	82	56	90	33	84	45	93	36
6	JOY 260116	JOY260116	JOY 230104	JOY 200128	4.8			120	66	76	52	90	47	103	47	106	32	82	45	68	53					87	15

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value											
Sorted on ID				% Inbreeding		Q204X	nt821	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
				<i>Italics: DNA Test</i>				★★★★★																				
1	JOY 250083	JOY250083	JOY 220143	JOY 210224	7	13.9			80	67	118	68	135	49	86	48	115	35	130	52	128	62	105	22	127	46	105	19
2	JOY 250103	JOY250103	JOY 220143	JOY 210178	7	15.3			77	67	126	68	135	49	81	48	113	35	134	52	137	62	105	21	130	46	104	16
3	JOY 250158	JOY250158	CKB 190026	JOY 190043		1.3			131	69	107	71	107	55	106	53	107	39	132	55	125	65	104	33	129	51	99	44
4	JOY 250188	JOY250188	CKB 190026	JOY 180143		2.0			95	69	122	71	117	55	92	53	109	39	131	55	131	65	112	34	129	51	106	44
5	JOY 250256	JOY250256	JOY 220062	JOY 150092		0.8			74	69	130	71	148	55	75	49	97	38	133	54	147	65	107	22	130	48	106	16
6	JOY 250281	JOY250281	JOY 220143	JOY 210010		7.9			77	66	134	68	130	49	76	47	104	33	134	51	146	62					114	14
7	JOY 260018	JOY260018	JOY 230068	JOY 210177		8.1			72	66	139	57	131	46	71	46	97	33	132	47	150	55					115	14
								★★★★★☆																				
1	JOY 250001	JOY250001	CEF 130317	JOY 160028	7	0.8			100	73	126	73	86	64	84	62	117	51	123	61	122	70	126	48	126	58	127	50
2	JOY 250006	JOY250006	CEF 130317	JOY 190105	7	1.2			108	71	118	71	97	63	83	62	119	51	126	60	119	68	130	48	129	58	127	50
3	JOY 250012	JOY250012	JOY 220062	JOY 170053	8	2.7			89	69	126	71	121	53	76	49	97	38	123	54	134	65	106	26	121	48	103	24
4	JOY 250043	JOY250043	JOY 220062	JOY 170050	7	1.1			75	69	124	71	142	53	77	49	97	36	125	54	136	65	115	22	124	48	109	20
5	JOY 250065	JOY250065	JOY 220062	JOY 170129	8	1.1			73	68	136	69	128	52	67	48	97	37	126	53	144	63	111	20	125	46	113	17
6	JOY 250067	JOY250067	JOY 220143	JOY 210170	8	4.8			77	66	134	68	115	48	76	48	109	34	128	51	138	62	102	20	125	45	110	17
7	JOY 250079	JOY250079	JOY 220143	JOY 210122	7	4.1			80	67	116	68	127	49	84	47	109	34	120	51	121	62					98	14
8	JOY 250102	JOY250102	JOY 220143	JOY 210152	7	4.3			74	67	122	69	133	49	82	47	102	34	121	52	129	62					103	14
9	JOY 250114	JOY250114	JOY 200204	JOY 200134	7	2.0			78	68	124	69	127	50	77	47	107	36	124	52	131	63	110	21	122	46	105	16
10	JOY 250159	JOY250159	CKB 190026	JOY 210001		1.7			91	68	123	69	103	51	90	51	118	36	127	53	124	63	110	32	125	49	104	43
11	JOY 250161	JOY250161	CKB 190026	JOY 190166		0.5			119	69	113	71	102	55	93	53	107	39	125	55	120	65	105	32	122	50	103	43
12	JOY 250186	JOY250186	CKB 190026	JOY 170117		2.2			100	69	123	72	102	56	91	53	112	39	129	55	128	66	111	33	127	51	105	44
13	JOY 250189	JOY250189	JOY 230068	JOY 180149		8.4			79	67	124	69	136	50	77	47	96	34	123	52	135	62					109	14
14	JOY 250202	JOY250202	CKB 190026	JOY 190042		2.7			92	69	123	71	111	54	96	53	93	38	121	55	131	65	120	34	122	51	112	44
15	JOY 250204	JOY250204	CEF 130317	JOY 170144		1.1			109	72	113	72	108	63	93	63	108	51	125	60	121	69	131	48	128	58	126	50
16	JOY 250274	JOY250274	JOY 220143	JOY 110054		3.0			80	70	125	72	126	56	86	51	107	39	128	55	132	66					104	13
17	JOY 250275	JOY250275	JOY 180011	JOY 180185		7.8			69	70	132	71	149	58	71	56	75	41	120	56	148	67	114	20	120	49	117	17
18	JOY 250277	JOY250277	JOY 220143	JOY 210030		1.5			82	67	129	69	110	50	79	48	104	35	121	52	131	62	110	24	120	46	110	18
19	JOY 250287	JOY250287	JOY 220143	JRP 150030		2.9			81	69	125	71	126	54	79	49	104	39	125	54	133	65	102	28	121	49	101	26
								★★★★★																				

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID							Italics: DNA Test					Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★★																			
1	JOY 250008	JOY250008	CEF 130317	JOY 200140	8	0.6						117	71	109	71	84	62	91	61	116	50	115	59	104	68	123	48	118	57	119	50
2	JOY 250029	JOY250029	CEF 130317	JOY 150028	8	1.0						108	73	110	73	92	65	94	62	104	51	110	61	108	70	127	48	114	58	122	50
3	JOY 250042	JOY250042	CEF 130317	JOY 200181	7	0.8						98	71	117	71	90	61	90	61	112	50	114	59	111	68	126	48	117	57	124	50
4	JOY 250052	JOY250052	JOY 220062	JOY 170054	7	1.7						88	69	113	70	130	52	85	47	91	35	113	53	121	64	108	21	112	47	98	16
5	JOY 250053	JOY250053	CEF 130317	JOY 190162	7	1.3						97	71	125	71	76	63	80	62	111	51	111	60	114	68	130	48	116	58	126	50
6	JOY 250058	JOY250058	JOY 220143	JOY 210133	6	4.8						75	67	118	69	130	49	81	47	106	34	117	52	122	62					102	14
7	JOY 250066	JOY250066	JOY 220062	JOY 120111	7	1.0						91	69	107	71	130	55	83	49	103	37	112	54	112	65	108	21	112	47	99	17
8	JOY 250100	JOY250100	JOY 180011	JOY 190116		1.9						79	70	114	70	134	57	83	56	90	42	110	56	120	66	98	22	107	49	102	18
9	JOY 250166	JOY250166	JOY 230068	JOY 210045		8.1						84	66	117	68	129	48	80	47	97	33	115	51	123	61	106	20	114	45	108	17
10	JOY 250179	JOY250179	CKB 190026	JOY 180015		0.6						99	69	114	71	95	55	95	53	108	39	114	55	113	66	110	32	114	50	101	43
11	JOY 250180	JOY250180	CKB 190026	JOY 170112		0.8						123	69	107	71	92	56	94	53	112	39	118	55	109	66	106	32	117	50	98	43
12	JOY 250185	JOY250185	CKB 190026	JOY 190017		1.6						104	69	114	71	75	55	100	53	116	39	112	55	106	65	111	36	112	51	98	44
13	JOY 250215	JOY250215	CKB 190026	JOY 150088		0.5						111	70	107	72	94	57	99	54	116	39	117	56	108	67	95	33	113	51	87	43
14	JOY 250219	JOY250219	CEF 130317	JOY 210036		1.2						105	71	110	71	92	62	93	62	116	50	114	59	106	68	123	48	117	57	120	50
15	JOY 250234	JOY250234	JOY 230068	JOY 180004		2.7						82	68	118	69	121	51	84	48	104	36	117	53	120	63	107	23	115	47	106	22
16	JOY 250242	JOY250242	JOY 220062	JOY 150037		1.0						69	69	130	71	144	54	73	49	80	36	119	54	143	65	113	22	119	48	109	16
17	JOY 250245	JOY250245	SYF 220011	JOY 220145		1.7						100	66	110	68	115	47	89	47	94	33	111	51	114	61	96	30	108	47	103	34
18	JOY 250262	JOY250262	SYF 220011	JOY 220174		1.2						103	67	101	68	100	49	112	48	108	36	110	52	104	62	88	32	105	48	91	34
19	JOY 250265	JOY250265	JOY 220143	JOY 220004		4.2						100	66	112	68	104	48	89	48	109	34	115	51	112	62	97	20	112	45	101	16
20	JOY 250289	JOY250289	JOY 220143	JOY 150118		3.2						75	69	123	71	117	53	85	48	99	36	114	54	123	64					105	15
21	JOY 260010	JOY260010	SYF 220011	JOY 160028		0.7						108	70	102	59	97	52	102	49	110	35	110	50	103	58	90	32	106	46	97	36
22	JOY 260011	JOY260011	SYF 220011	JOY 190105		1.5						98	68	104	58	110	49	97	49	112	35	114	49	107	57	95	32	110	46	98	36
23	JOY 260014	JOY260014	JOY 230068	JOY 210122		14.7						93	66	106	57	127	46	87	46	101	31	112	47	111	55					97	10
24	JOY 260022	JOY260022	JOY 230068	JOY 190108		8.8						97	67	116	57	115	48	80	47	98	33	116	47	121	56					110	14
25	JOY 260024	JOY260024	JOY 230068	JOY 170054		2.3						99	68	111	58	117	49	84	46	94	32	110	48	116	56					102	12
26	JOY 260029	JOY260029	SYF 220011	JOY 190117		2.4						95	68	105	58	118	49	98	49	110	36	116	49	112	57	92	32	111	46	98	36
27	JOY 260037	JOY260037	JOY 230134	JOY 230081		2.1						95	65	107	51	118	43	91	39	104	31	113	43	112	50					99	14
28	JOY 260040	JOY260040	JOY 230068	JOY 190129		2.1						87	67	113	57	122	49	79	47	100	33	110	48	115	56					107	13
29	JOY 260041	JOY260041	SYF 220011	JOY 190106		2.3						101	68	111	58	112	49	94	48	107	35	119	49	116	57	99	32	115	46	104	36
30	JOY 260043	JOY260043	JOY 230068	JOY 170129		10.2						75	68	121	58	120	49	81	47	102	34	114	48	121	56					106	12
31	JOY 260050	JOY260050	AG 210198	JOY 240092		1.7						104	64	104	51	100	37	99	36	111	27	110	41	104	49					97	16

Selection List on Cow Value
Heifers younger than 2 years

ID Name Sorted on ID		Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L Genomic test <i>Italics: DNA Test</i>	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
							★★★★★									
32	JOY 260058	JOY260058	JOY 230068	JOY 190162	3.4		75 67	126 57	113 49	75 47	99 33	112 48	125 56			109 12
33	JOY 260060	JOY260060	AG 210198	JOY 240045	1.7		80 64	117 51	119 37	93 36	102 28	115 41	121 49			104 18
34	JOY 260070	JOY260070	JOY 230134	JOY 230021	1.8		92 65	108 51	118 41	92 38	102 31	111 43	112 50			98 14
35	JOY 260075	JOY260075	AG 210198	JOY 240093	1.7		88 65	110 51	109 40	97 40	107 31	111 43	110 50	99 20	109 38	104 19
36	JOY 260083	JOY260083	JOY 230068	JOY 210170	6.1		84 66	119 56	117 46	84 46	100 32	115 46	120 54			106 15
37	JOY 260088	JOY260088	AG 210198	JOY 240033	1.4		90 64	116 51	110 37	90 36	106 28	117 41	118 49			104 16
38	JOY 260095	JOY260095	AG 210198	JOY 240039	1.2		101 64	104 51	106 37	100 36	112 28	114 41	107 49			98 16
39	JOY 260101	JOY260101	AG 210198	JOY 240055	1.2		80 64	113 51	110 37	95 36	110 28	111 41	111 49			99 17
40	JOY 260119	JOY260119	SYF 220011	JOY 170134	1.9		115 69	99 59	106 51	101 49	105 36	112 50	106 58	94 32	109 46	98 36
							★★★★☆									
1	JOY 250003	JOY250003	CEF 130317	JOY 200180	7 1.0		101 71	110 71	81 61	94 61	112 49	105 59	100 68	123 48	109 57	120 50
2	JOY 250014	JOY250014	JOY 220062	JOY 160076	7 2.2		92 69	109 71	130 54	87 49	83 38	106 54	117 65	106 24	106 48	99 20
3	JOY 250018	JOY250018	MCU 170224	JOY 230073	6 1.4		90 69	109 70	98 56	85 54	106 42	100 55	99 65	104 30	100 50	107 26
4	JOY 250023	JOY250023	MCU 170224	JOY 230079	7 1.3		84 69	109 70	96 56	88 54	116 42	103 55	97 65	101 30	102 50	105 26
5	JOY 250034	JOY250034	MCU 170224	JOY 230077	7 1.4		97 69	106 70	86 57	98 54	108 42	100 56	96 65	100 31	99 51	102 26
6	JOY 250037	JOY250037	CEF 130317	JOY 200033	7 1.1		96 71	115 71	88 62	94 61	92 50	100 59	109 68	127 48	106 57	121 50
7	JOY 250059	JOY250059	JOY 220143	JOY 210192	6 2.6		76 67	122 68	106 49	78 48	106 34	109 51	116 62	102 20	107 45	104 17
8	JOY 250069	JOY250069	MCU 170224	JOY 230081	7 1.0		82 69	111 70	98 57	87 54	113 42	103 56	100 65	104 30	103 51	107 26
9	JOY 250094	JOY250094	JOY 180011	JOY 180129	7 1.9		78 70	113 71	120 59	81 56	95 41	102 56	111 67	97 22	100 49	97 19
10	JOY 250104	JOY250104	JOY 200204	JOY 130042	6 0.4		92 70	97 72	110 56	94 47	111 36	101 54	94 66			82 12
11	JOY 250111	JOY250111	JOY 220062	JOY 180042	8 2.1		87 68	113 69	131 52	82 48	80 37	106 53	120 63	102 21	105 47	96 18
12	JOY 250123	JOY250123	JOY 220062	BP 130039	6 1.9		89 68	118 60	119 53	82 49	86 37	109 50	123 58	107 25	109 45	104 20
13	JOY 250152	JOY250152	MCU 170224	JOY 230219	1.5		90 69	112 70	90 55	89 51	108 40	102 55	100 65	108 30	102 50	106 26
14	JOY 250160	JOY250160	JOY 230068	JOY 190151	10.2		86 67	112 68	121 49	79 47	94 33	106 51	114 62			100 12
15	JOY 250187	JOY250187	CEF 130317	JOY 170126	0.7		102 72	112 72	79 64	96 63	99 52	101 61	103 69	121 50	104 59	113 50
16	JOY 250201	JOY250201	SYF 220011	JOY 220148	1.8		97 66	99 68	99 48	111 47	107 36	103 51	99 61	88 34	99 48	89 38
17	JOY 250206	JOY250206	CEF 130317	JOY 180023	0.8		114 72	104 72	78 64	109 62	103 52	104 60	102 69	116 50	107 58	109 50
18	JOY 250213	JOY250213	JOY 230068	JOY 140072	1.7		94 69	104 70	112 52	88 47	98 34	100 53	102 64			99 12
19	JOY 250214	JOY250214	JOY 230068	JOY 120168	0.5		87 69	108 71	127 53	87 47	86 33	103 53	113 64			104 12

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID							Italics: DNA Test					Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★☆																			
20	JOY 250238	JOY250238	MCU 170224	JOY 230133	1.2							79	69	120	70	97	57	81	54	108	42	106	56	111	65	104	32	106	51	109	28
21	JOY 250246	JOY250246	JOY 180011	JOY 190049	13.2							86	70	110	71	131	58	83	56	84	41	104	56	115	67					99	15
22	JOY 250252	JOY250252	JOY 180011	JOY 210017	1.3							87	69	104	71	128	57	87	56	95	41	104	56	107	66	97	20	102	49	98	16
23	JOY 250258	JOY250258	JOY 180011	JOY 200162	13.2							122	69	92	71	131	57	93	56	74	41	101	56	106	66					92	16
24	JOY 250276	JOY250276	JOY 220143	JOY 220179	1.3							79	66	118	68	108	47	84	42	95	35	104	50	114	61	98	23	102	45	97	17
25	JOY 260001	JOY260001	SYF 220011	JOY 200182	0.6							114	68	95	58	92	49	108	48	109	35	104	49	95	57	83	30	99	45	90	34
26	JOY 260004	JOY260004	SYF 220011	JOY 200164	1.5							114	68	96	57	90	47	105	48	104	35	101	48	94	56	86	30	97	44	93	34
27	JOY 260005	JOY260005	SYF 220011	JOY 150028	0.8							107	69	100	59	101	52	103	49	95	35	101	50	102	58	94	31	99	46	98	34
28	JOY 260006	JOY260006	SYF 220011	JOY 170053	2.6							128	69	88	59	89	51	111	49	107	36	103	50	91	58	84	34	98	47	86	38
29	JOY 260007	JOY260007	SYF 220011	JOY 200101	1.5							92	66	110	56	93	45	108	47	104	33	107	47	108	54	86	30	102	44	92	36
30	JOY 260008	JOY260008	JOY 230104	JOY 210178	3.0							81	66	108	51	111	46	91	47	110	33	105	45	103	52	98	21	103	40	98	17
31	JOY 260017	JOY260017	SYF 220011	JOY 200140	0.8							132	68	82	58	94	48	115	48	109	34	103	48	87	56	87	31	99	45	89	34
32	JOY 260027	JOY260027	SYF 220011	JOY 200007	1.1							105	68	105	58	103	49	98	48	97	34	106	48	107	57	93	30	103	44	98	34
33	JOY 260028	JOY260028	JOY 230134	JOY 230019	1.4							96	65	102	51	116	41	94	37	92	30	101	43	104	50					93	12
34	JOY 260032	JOY260032	JOY 230068	JOY 210117	6.1							72	66	122	56	110	46	77	46	101	32	106	46	116	54					108	15
35	JOY 260035	JOY260035	JOY 230068	JOY 170046	2.1							99	69	116	58	106	50	86	48	89	35	107	49	116	57	99	22	105	44	99	20
36	JOY 260039	JOY260039	JOY 230134	JOY 230026	3.2							101	65	105	51	115	42	96	38	95	31	109	43	112	50					97	14
37	JOY 260046	JOY260046	SYF 220011	JOY 200124	0.9							97	67	98	58	107	48	111	48	106	34	105	48	101	56	91	31	102	45	95	34
38	JOY 260049	JOY260049	AG 210198	JOY 240043	1.3							85	64	109	51	98	37	103	36	104	28	102	41	104	49					97	18
39	JOY 260053	JOY260053	JOY 230068	JOY 200178	11.9							78	67	116	57	103	48	87	47	95	33	100	47	108	56					99	12
40	JOY 260059	JOY260059	AG 210198	JOY 240050	1.3							101	64	103	51	103	38	101	36	98	28	104	42	105	49					100	18
41	JOY 260064	JOY260064	JOY 230134	JOY 230043	5.2							100	65	105	51	113	43	92	38	102	31	109	43	108	50					95	14
42	JOY 260076	JOY260076	JOY 230068	JOY 200127	1.6							94	67	109	57	108	47	87	46	96	31	103	47	106	55					100	12
43	JOY 260078	JOY260078	JOY 230068	JOY 190137	4.6							81	67	115	57	122	49	80	47	90	33	105	48	116	56					110	12
44	JOY 260085	JOY260085	JOY 230134	JOY 230050	3.8							77	65	114	51	120	42	88	38	96	31	106	43	114	50					99	14
45	JOY 260087	JOY260087	AG 210198	JOY 240062	1.7							88	64	109	51	104	37	100	36	105	28	107	41	108	49					101	18
46	JOY 260098	JOY260098	JOY 230134	JOY 230080	5.4							103	65	100	51	110	43	98	39	92	31	101	43	104	50					93	14
47	JOY 260100	JOY260100	AG 210198	JOY 240011	2.2							86	65	111	51	91	39	100	40	108	30	103	43	103	49	98	22	101	39	102	20
48	JOY 260106	JOY260106	AG 210198	JOY 240035	1.3							115	64	97	51	96	37	107	36	99	28	103	41	100	49					96	18
49	JOY 260110	JOY260110	JOY 230104	JOY 140022	1.3							99	69	107	53	111	51	84	48	98	34	105	47	105	54	106	20	105	42	106	14
50	JOY 260118	JOY260118	JOY 230068	JOY 210133	15.6							87	66	109	57	127	46	81	46	96	32	108	47	112	55					103	12

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L <i>Italics: DNA Test</i>	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★★☆									
51	JOY 260120	JOY260120	JOY 230104	JOY 200187	4.1			11066	10151	10246	9347	10633	10845	10152	9621	10540	10218
52	JOY 260123	JOY260123	JOY 230068	JOY 150138	2.7			9069	11258	10951	9348	9035	10349	11157	9820	10243	9816
53	JOY 260128	JOY260128	JOY 230068	JOY 210192	2.4			8766	11456	10546	8146	9632	10146	10854			10515
								★★★									
1	JOY 250004	JOY250004	MCU 170224	JOY 230062	725.8			9569	10670	6956	9554	11241	9155	8565	9730	9050	10326
2	JOY 250113	JOY250113	MCU 170224	JOY 230050	61.4			7669	11570	9656	8754	10542	9855	10265	10630	9950	10826
3	JOY 250120	JOY250120	JOY 180011	JOY 150138	61.9			8171	10972	11260	9757	8042	9357	10868	9122	9150	8918
4	JOY 250150	JOY250150	MCU 170224	JOY 230226	1.3			10269	9870	7655	10051	11340	9255	8365	9630	9150	9526
5	JOY 250170	JOY250170	SYF 220011	JOY 220050	1.4			11466	9468	7848	10848	10934	9651	8562	8532	9247	9136
6	JOY 250207	JOY250207	CEF 130317	JOY 110010	0.6			12674	9974	6766	10862	10252	9862	9371	10648	9959	10650
7	JOY 250223	JOY250223	MCU 170224	JOY 230129	1.5			9669	10070	8556	9654	11642	9655	8765	10132	9550	9926
8	JOY 250249	JOY250249	MCU 170224	JOY 230130	0.9			7969	11669	9554	8551	9639	9654	10364	10728	9749	11024
9	JOY 250267	JOY250267	JOY 180011	JOY 150140	1.2			8371	10872	12559	9357	6543	9057	11168	9522	8950	9618
10	JOY 250269	JOY250269	MCU 170224	JOY 230156	1.8			7869	11470	8257	9154	10642	9356	9665	10330	9451	10526
11	JOY 250286	JOY250286	SYF 220011	JOY 220213	2.2			12066	8968	9647	10247	9133	9151	8961	8930	8947	8934
12	JOY 250301	JOY250301	MCU 170224	JOY 230203	1.2			9369	10770	8757	9554	10342	9656	9565	10130	9651	10325
13	JOY 250304	JOY250304	SYF 220011	JOY 220070	1.9			11066	9368	10448	11548	8233	9451	10061	8630	9147	9034
14	JOY 260002	JOY260002	SYF 220011	JOY 200149	1.8			10068	10258	9048	10648	10234	9948	9856	8831	9645	9336
15	JOY 260009	JOY260009	SYF 220011	JOY 160076	1.8			11970	8759	9452	12349	9037	9550	9458	8733	9247	8736
16	JOY 260016	JOY260016	JOY 230134	JOY 230062	1.3			11665	9251	9142	10138	10430	9743	8850			9214
17	JOY 260033	JOY260033		JOY 180137	0.0			9859	9639	10239	9338	10626	9537	9042			918
18	JOY 260054	JOY260054	JOY 230104	JOY 200195	4.4			11866	9552	7847	9547	10433	9246	8453	9320	9041	9718
19	JOY 260086	JOY260086	AG 210198	JOY 240020	2.1			9365	10551	8939	10139	10329	9742	9749	9421	9538	10020
20	JOY 260090	JOY260090	SYF 220011	JOY 210233	2.3			8966	10457	8545	10248	10034	9047	9255	9432	8944	9836
21	JOY 260099	JOY260099	JOY 230134	JOY 230027	0.9			9365	10150	9241	10237	10029	9242	9349			9114
22	JOY 260102	JOY260102	AG 210198	JOY 240076	1.9			7865	11051	9339	10139	10229	9542	9949	9421	9438	10020
23	JOY 260107	JOY260107	JOY 230134	JOY 230041	3.4			8565	10951	11342	9237	9030	9943	10850			9410
24	JOY 260108	JOY260108	JOY 230134	JOY 230033	1.3			9165	10451	9242	10138	9930	9443	9650			9414
25	JOY 260109	JOY260109	JOY 230104	JOY 190173	4.9			10667	9752	8847	10247	11033	9946	9153			9416

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID							Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								★★★★																			
26	JOY 260111	JOY260111	JOY 230104	JOY 190112	4.3			105	67	97	52	85	47	95	47	108	32	93	46	86	53			92	15		
27	JOY 260112	JOY260112	AG 210198	JOY 240040	1.4			95	64	99	50	98	36	107	36	99	28	96	41	97	48			96	18		
28	JOY 260121	JOY260121		JOY 210241	0.0			102	58	91	37	105	35	97	37	97	24	90	35	87	40			85	8		
29	JOY 260124	JOY260124	JOY 230134	JOY 230008	3.0			114	65	89	50	99	41	102	36	90	29	90	42	89	49			86	10		
30	JOY 260130	JOY260130	JOY 230104	BP 130039	2.4			114	68	95	53	84	50	102	48	96	33	91	47	89	54	93	24	89	42	94	19
31	JOY 260131	JOY260131	SYF 220011	JOY 200139	0.6			102	68	100	58	88	49	97	48	99	35	92	49	91	57	83	30	88	45	90	34
								★★★★☆																			
1	JOY 250019	JOY250019	MCU 170224	JOY 230069	7	1.2		99	69	98	70	91	56	89	53	101	41	88	55	85	65	97	28	88	50	100	24
2	JOY 250165	JOY250165	SYF 220011	JOY 220131	2.3			101	66	95	68	75	47	99	46	101	33	80	51	78	61	83	30	78	47	84	34
3	JOY 250174	JOY250174	MCU 170224	JOY 230128	1.6			100	69	100	69	83	54	96	51	96	40	86	54	87	64	106	30	88	49	103	24
4	JOY 250183	JOY250183	SYF 220011	JOY 220187	2.1			84	66	108	68	83	48	94	47	101	35	88	51	92	61	92	34	87	48	92	36
5	JOY 250239	JOY250239	MCU 170224	JOY 230127	1.0			103	68	94	69	82	54	100	50	104	39	86	54	80	64	95	28	86	49	94	24
6	JOY 250240	JOY250240	MCU 170224	JOY 230102	26.4			99	69	99	69	65	55	99	53	106	41	81	55	77	64	99	32	83	50	100	26
7	JOY 250250	JOY250250	MCU 170224	JOY 230105	26.1			107	69	97	69	69	55	98	53	110	40	88	55	79	64	97	30	87	50	100	26
8	JOY 250270	JOY250270	MCU 170224	JOY 230183	1.2			98	69	100	70	86	56	98	53	92	41	85	55	88	65	93	29	85	50	96	24
9	JOY 250278	JOY250278	MCU 170224	JOY 230101	26.1			115	69	95	70	74	56	101	54	98	41	87	55	83	65	96	32	87	50	100	26
10	JOY 260038	JOY260038	JOY 230134	JOY 230044	2.4			103	65	99	50	87	40	95	38	93	30	87	42	89	49					92	14
11	JOY 260042	JOY260042	JOY 230068	JOY 210236	6.5			84	66	113	56	92	44	85	46	90	33	89	46	100	54	100	20	90	41	101	15
								★★★																			
1	JOY 250300	JOY250300	MCU 170224	JOY 230201	0.9			100	69	91	70	86	56	97	53	90	40	76	55	76	65	93	28	76	50	94	24
2	JOY 260023	JOY260023	JOY 230104	JOY 130042	1.9			108	69	79	53	81	51	112	46	104	32	77	47	67	54					81	14

