

DRAKENSBERGER

GENOMIC BREEDING VALUE REPORT

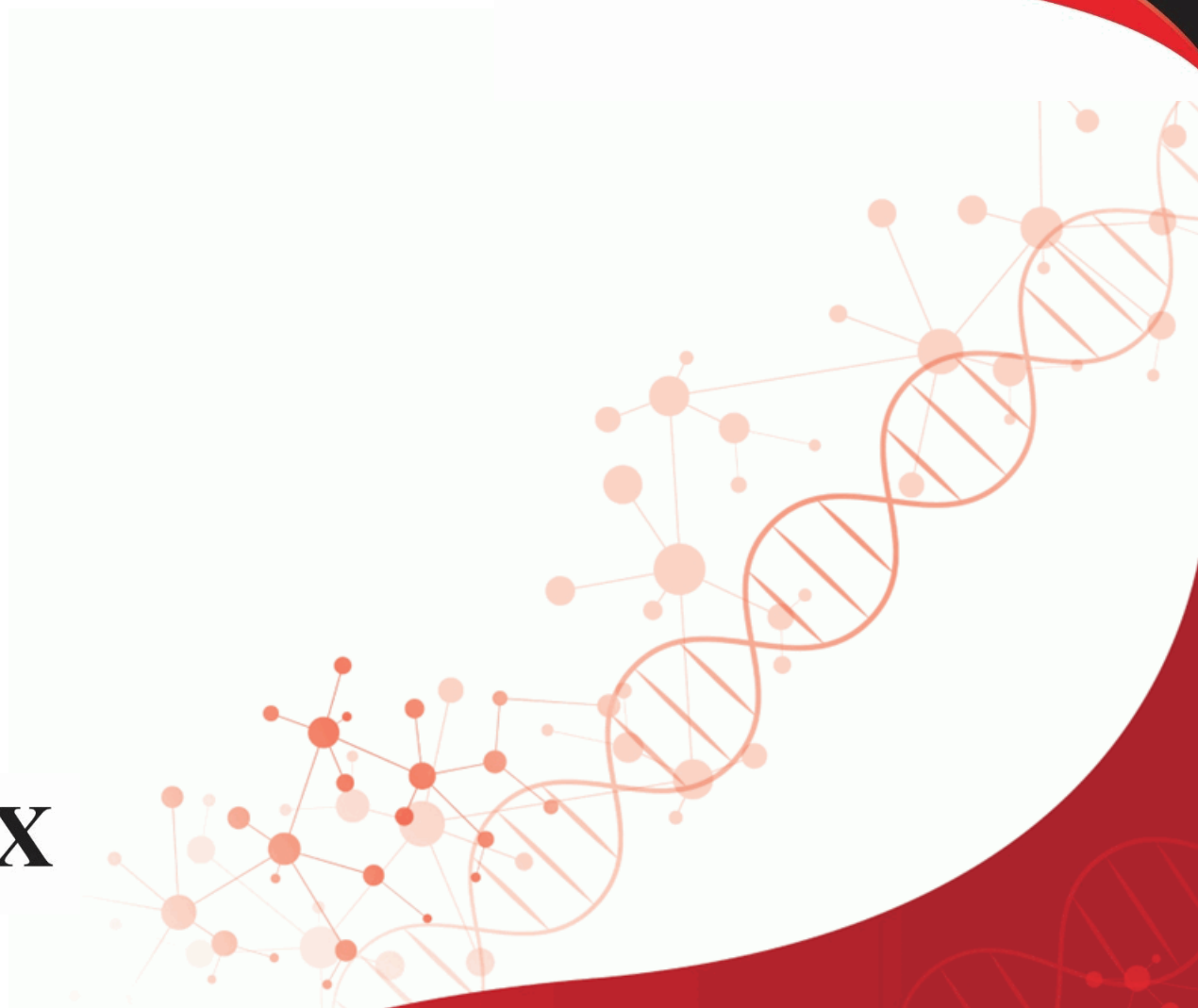
September 2026



NITIQUE DRAKENSBERGERS

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EBVs, EBVi's and GEBVs

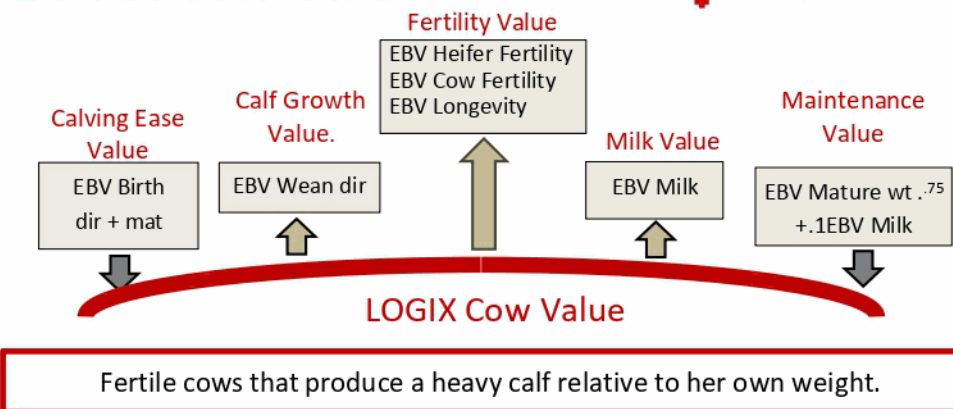
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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.

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

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.

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)

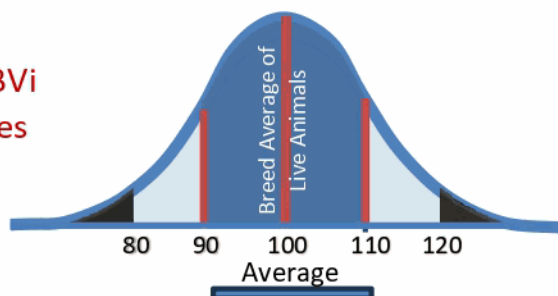
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

Interpretation of EBVi and Selection Values



Examples

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

Contemporary Groups

The correct composition of contemporary groups is one of the cornerstones of BLUP breeding value estimation. Breeding values are estimated from the differences between animals exposed to the same environment, *as these differences are caused by genetics*. The following aspects are important:

1. Animals at the same time, place and treatment

A contemporary group is a comparable group of animals measured at the same time in the same environment. It is therefore a comparable group of animals that were together on the same farm or camp in the same year and season. If there are animals in the group that were treated differently, they should be given a separate treatment code because their performance is influenced by other environmental influences than the rest of the group. Examples of possible different treatments are when some animals received supplements or creep feed, sale or show animals, embryo donors, sick or foster calves or even purchased cows and calves. If bull and heifer calves or older cows and young heifers were in the same camp, they should be placed in the same group – corrections for sex, age and first calving of cows are automatically made during breeding value estimation.

2. Progeny of at least two sires, of which one is a link sire

The progeny of different sires needs to be compared in the same group in order to determine the sires' genetic merit relative to each other. At least one sire should be a link sire with progeny in other herds. Genetic links between herds are used to determine the position of sires in the breed. All sires are good link sires. Smaller herds could artificially inseminate some cows or allow some cows to be covered by another herd's bull.

3. Larger groups stabilise Breeding Values

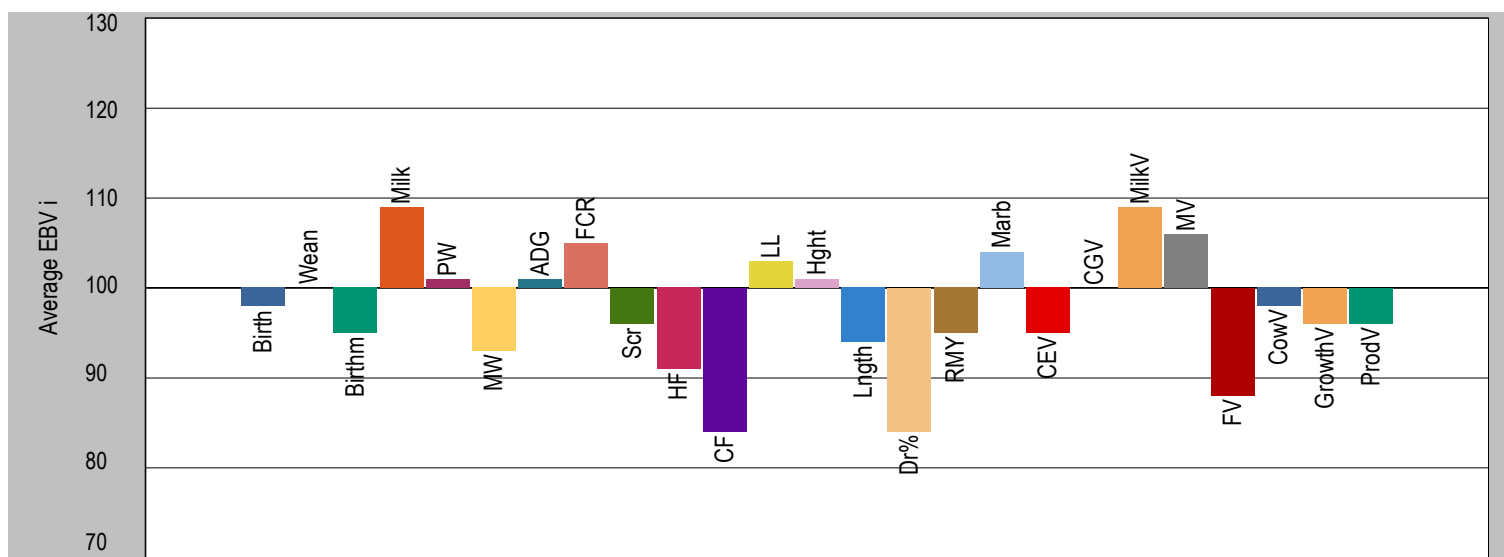
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for age differences are made during genetic evaluation. The use of breeding seasons rather than through the year calving will also increase contemporary group size. Groups with less than 3 animals are not included in breeding value estimation. An accidental mistake in a small group affects the animal itself, its family, all the other animals in the group and their families. The effect could be much less in large groups.

4. Measure all animals in the contemporary group

Weigh ALL the animals in the contemporary group, the good as well as the poor performers. Weigh animals before they are culled, so their parents can be penalized for their poor breeding.



Herd and Breed Averages



Breeding Values:

Birth:	Birth weight	Scr:	Scrotal circumf.
Wean:	Weaning weight	HF:	Heifer Fertility
Birthm:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Hght:	Height
MW:	Mature weight	Lngth:	Length
ADG:	Average Daily Gain	Dr%:	Dressing%
FCR:	Feed Conversion Ratio	RMY:	Red Meat Yield
		Marb:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MilkV:	Milk Value
MV:	Maintenance Value
FV:	Fertility Value
CowV:	Cow Value (CV)
GrowthV:	Growth Value (GV)
ProdV:	Production Value (PV)

	Trait	EBV Herd	EBV Index	EBV Breed
Prewean Growth	Birth Weight	0.34	98	0.10
	Wean Weight	10.6	100	10.5
	Birth Mat.	0.42	95	0.17
	Milk (Wn.Mat.)	6.5	109	3.3
Postwean Growth	Postwean Wt	20.7	101	19.8
	Mature Weight	5	93	11
	ADG	73	101	71
	FCR	-59	105	-50
Fertility	Scrotal Circumf.	9.1	96	11.3
	Heifer Fertility	4.4	91	-2.3
	Cow Fertility	1.8	84	-1.7
	Longevity	26.2	103	24.7
Frame	Height	0	101	-1
	Length	6	94	12
Carcass	EMA	-1.33	83	0.48
	Fat	0.46	108	-0.20
	Marbling	0.39	104	0.16

Selection Value	Ave. Herd
Calving Ease	95
Calf Growth	100
Milk	109
Maintenance	106
Fertility	88
Cow Value	98
Growth Value	96
Production Value	96
Carcass Value	95

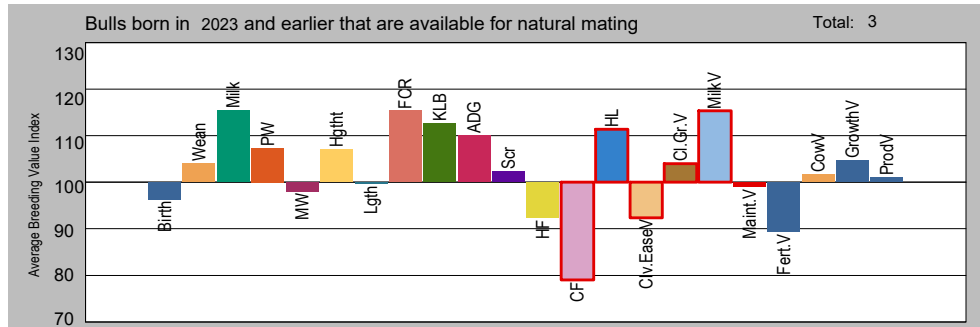
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

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

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

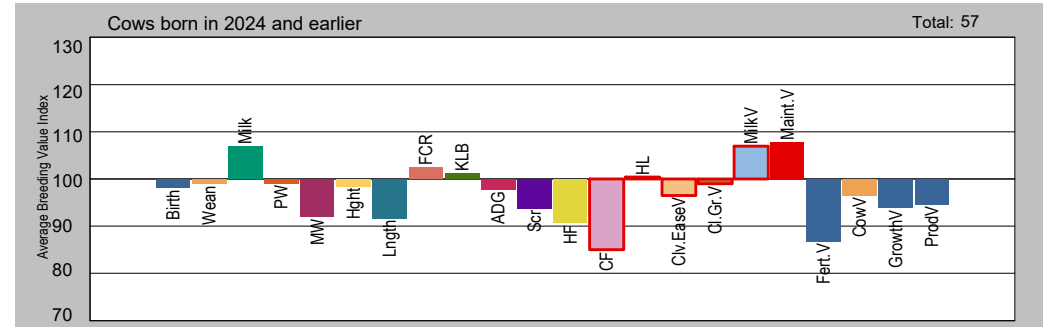
Genetic Windows

Bulls on the farm



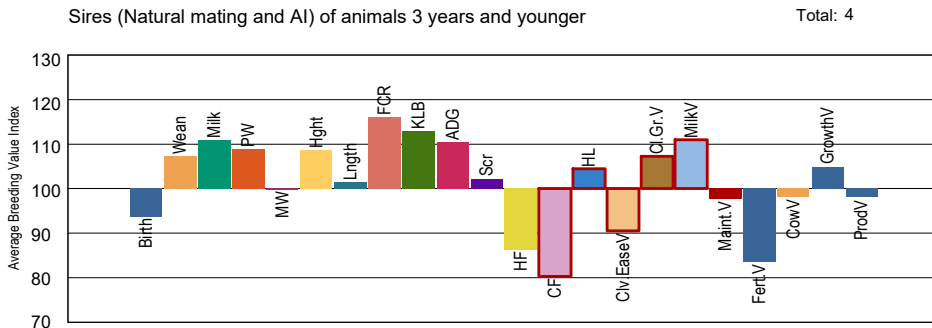
Animals available for breeding

Cow Herd

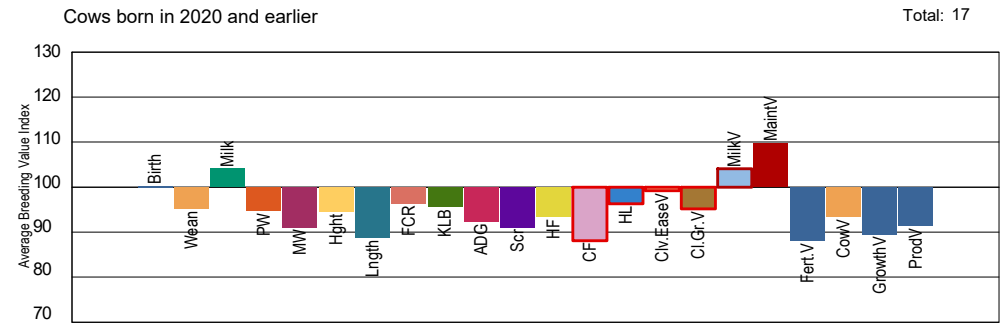


Results of previous selection decisions

Sires of young animals

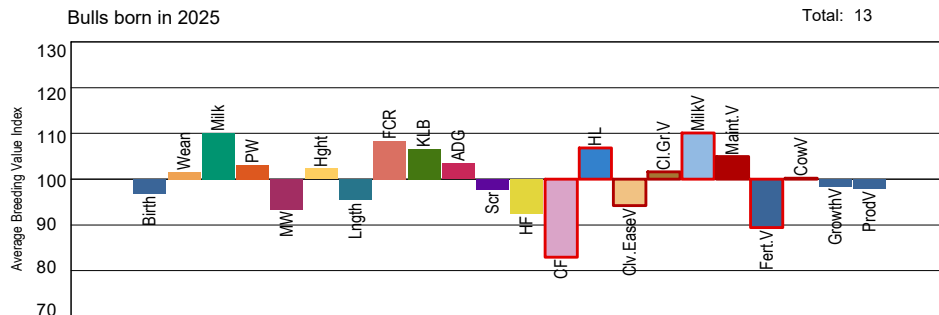


Cows older than 6 years

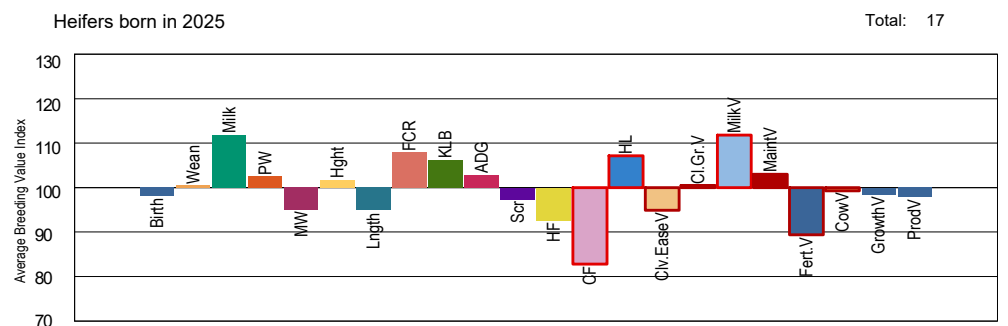


Selection possibilities

Bull calves



Heifer calves

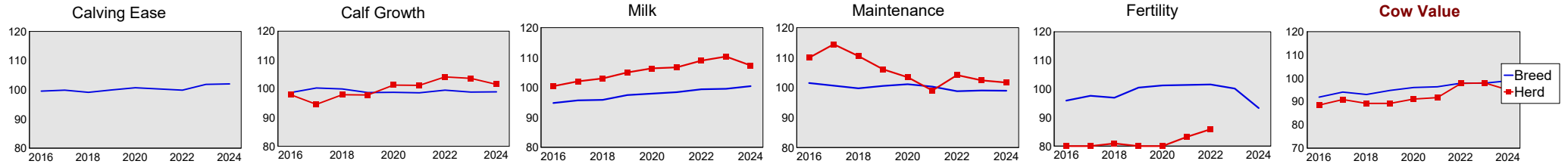


Summary of Cow Herd

			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	Kleiber	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
Cows in Breed Average:			100	100	100	101	101	101	99	100	100	100	100	100	100	100	99	99	100	99	100	100	100	100	99
2013	1	★★★★☆	86	111	95	93	70	81			88	111	95	95	108	106	95	93	96	71	91	81	108	104	
2014	2	★★★★	109	79	101	124	102	93	74	87	107	79	103	101	79	80	70	73	76	107	103	95	80	76	
2015	3	★★★★☆	102	87	110	107	97	87	75	81	104	87	95	110	87	92	74	76	84	105	92	98	82	79	
2016	1	★★★★☆	96	111	95	105	87	100	106	100	94	111	101	95	111	93	111	116	102	95	85	95	106	98	
2018	3	★★★★☆	107	88	93	126	83	88	83	85	104	88	105	93	86	76	83	90	83	88	87	94	84	77	
2019	5	★★★★	99	97	110	107	86	97	98	95	100	97	96	110	99	93	104	108	96	92	83	97	101	92	
2020	4	★★★★	92	102	118	98	88	99	98	98	97	102	90	118	102	101	103	105	99	93	85	100	104	100	
2021	3	★★★★	97	100	110	108	82	96	95	95	99	100	95	110	100	90	99	101	96	85	83	100	102	95	
2022	12	★★★★☆	97	99	109	109	92	102	97	100	98	99	96	109	100	91	99	104	93	97	85	104	99	91	
2023	17	★★★★	94	103	109	105	82	97	98	96	96	103	95	109	103	94	103	106	97	85	81	101	102	96	
2024	11	★★★★	96	98	106	107	87	95	92	93	97	98	96	106	98	92	97	101	93	90	85	101	98	91	
2025	17	★★★★	95	100	112	103	89	99	99	98	98	100	94	112	102	95	103	106	97	93	83	107	102	95	
Cows in Herd Average:			98	98	106	108	87	95	92	93	99	98	97	106	98	92	95	98	93	92	87	98	97	91	

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.



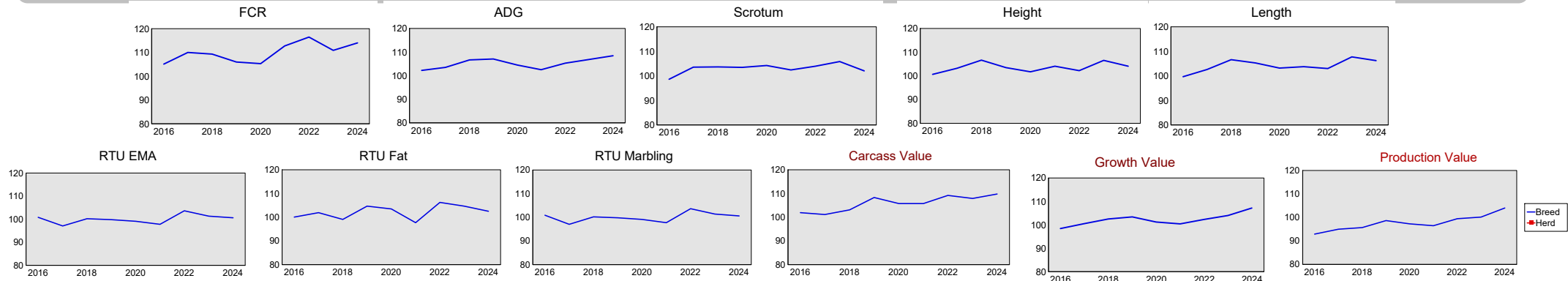
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Calv. Ease	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility					
	Number	Dir EBV				Mat EBV	Number	EBV	Number	EBV	Milk		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number		EBV
2016					32	9.4	98	32	3.48	100	21	19.7	3	1	110	10	9.8	7	2.7	32	17.5	76	89	
2017					21	7.7	95	21	4.06	102	21	15.8			114	8	8.0	6	2.6	21	20.8	79	91	
2018					31	9.4	98	31	4.33	103	22	17.1			111	11	4.9	10	1.7	31	19.1	81	89	
2019					25	9.4	98	25	5.03	105	19	19.5	8	5	106	12	7.4	8	2.9	28	20.2	77	89	
2020					25	11.2	101	25	5.46	106	19	19.8	13	7	103	11	8.2	4	1.8	27	21.7	80	91	
2021					30	11.2	101	30	5.56	107	18	21.9	5	6	99	6	7.1	4	2.0	29	21.2	83	92	
2022					38	12.7	104	38	6.38	109	25	23.3			104	16	6.1			3	24.1	86	98	
2023					43	12.4	104	43	6.80	110	23	25.2			102								98	
2024					28	11.4	102	28	5.81	107	21	21.9			102								95	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	
2016	3646	0.21	0.12	100	2841	9.8	99	2841	1.58	95	2243	18.0	536	11	101	786	-0.9	490	-1.6	4039	18.4	96	92
2017	3747	0.22	0.09	100	2879	10.7	100	2879	1.88	96	2328	19.3	551	12	101	731	-1.1	516	-2.1	4171	18.7	98	94
2018	4020	0.24	0.13	99	3347	10.5	100	3347	1.94	96	2574	19.5	538	13	100	750	0.0	524	-2.2	4320	18.8	97	93
2019	3716	0.16	0.11	100	3312	9.8	99	3312	2.49	98	2449	19.4	499	12	101	743	-3.0	485	-2.0	4312	19.0	101	95
2020	4077	0.11	0.10	101	3575	9.9	99	3575	2.62	98	2781	19.0	510	10	101	772	-2.6	446	-2.4	4146	19.5	101	96
2021	4035	0.14	0.09	100	3588	9.8	99	3588	2.80	98	2633	18.8	482	11	100	679	-2.1	369	-2.3	3913	19.6	101	96
2022	4015	0.16	0.10	100	3442	10.3	100	3442	3.11	99	2315	21.0	400	13	99	558	-1.5	29	-3.3	1635	19.2	102	98
2023	4207	-0.03	0.10	102	3319	9.9	99	3319	3.19	100	2252	20.6	53	10	99	201	-1.3					100	98
2024	3580	-0.07	0.13	102	3060	10.0	99	3060	3.46	100	2232	20.1			99	7	-1.8					93	99
2025	3286	-0.02	0.14	101	2447	9.5	98	2447	3.55	101	207	13.3			104								99
2026	694	-0.11	0.07	103	19	14.0	107	19	2.57	98													95

Genetic Trends for Growth Test Traits



Herd

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

Breed

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			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		EBV	EBVi	EBV	EBVi					
2017	81	-67	110	594	85	103	560	13.2	104	551	1	103	551	15	103	384	0.51	100	-0.04	102	-0.02	97	101	100	95
2018	115	-66	109	553	97	107	507	13.3	104	469	4	107	469	18	107	290	1.00	105	-0.27	99	0.17	100	103	103	96
2019	104	-60	106	545	99	107	532	13.2	103	341	2	103	341	17	105	311	1.58	111	0.19	105	0.15	100	108	103	99
2020	116	-59	105	714	89	104	687	13.6	104	504	1	102	505	15	103	438	0.97	105	0.09	104	0.11	99	106	101	97
2021	108	-72	113	739	81	102	742	12.6	102	648	2	104	648	16	104	345	1.05	106	-0.39	98	0.03	98	106	100	96
2022	74	-78	117	651	92	105	630	13.5	104	401	1	102	401	15	103	280	1.07	106	0.32	106	0.37	104	109	102	99
2023	94	-69	111	663	98	107	657	14.4	106	617	4	107	617	20	108	350	1.16	107	0.19	105	0.24	101	108	104	100
2024	82	-74	114	449	104	108	639	12.4	102	400	2	104	400	18	106	316	1.46	109	0.01	103	0.19	101	110	107	104
2025	1	-23	85	2	14	86	5	12.8	103	5	-1	99	5	7	94	1	1.84	113	-4.77	44	0.11	99	89	94	90
2026																									

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.	
CL 070053		CL 040048 CL 040002	95	107	111	100	64	89	122	94	96	107	97	111	111	97	132	144	107	83	60	85	111	96	84	115	93	148	236	
SUPER			96	98	96	87	86	84	77	83	98	98	93	96	96	87	89	62	92	92	66	96	93	92	84	80	80	29	65	252
CL 080046		CL 050053 CL 980061	111	86	96	125	76	85	79	81	109	86	104	96	84	78	75	74	89	79	85	91	79	81	66	116	111	41	123	
BUNKER 5			82	97	92	63	80	77	72	76	92	97	65	92	94	63	66	70	74	87	65	93	75	72	64	58	57	33	128	
CL 170024		CL 130034 CL 070011	99	91	99	140	60	86	91	85	96	91	105	99	89	59	102	114	96	69	67	86	78	88	77	104	122		6	
OUBAAS 2			70	81	68	46	60	60	58	60	76	81	61	68	71	46	67	42	75	62	37	67	76	74	68	62	62	3	4	
NY 090009		NY 060006 NY 060033	72	137	77	87	50	77			70	137	101	77	126	116	112	110	111	46	96	63	127	127	110	107	123	28	42	
NY090009			76	92	77	41	50	63			3.21	30.1	0.12	-4.4	40.3	27	118	-67	17.5	39.1	-0.9	6.0	17	38	1.55	0.37	1.50	6	26	
NY 140007		CL 070053 NY 110032	97	97	108	102	67	81	98	82	99	97	95	108	100	95	104	113	94	73	72	93	98	89	79	108	95		7	
NY140007			58	81	64	51	57	58	44	55	61	81	52	64	20.1	7	87	-72	7.9	18.3	4.5	21.0	-2	1	-1.75	0.45	-0.15	1	3	
NY 150019		CL 070053 NY 110058	92	109	113	86	71	88	114	92	96	109	93	113	110	113	120	123	110	79	71	95	118	111	93	115	109	71	112	
NY150019			81	96	83	63	65	72	43	66	95	96	57	83	27.4	24	150	-90	17.0	13.5	4.6	22.1	11	23	-0.27	1.00	0.71	18	24	
NY 180005		NY 150019 NY 150004	87	115	116	95	74	101	111	102	93	115	89	116	117	102	117	122	108	76	75	102	114	107	91	114	107		54	
NY180005			52	93	57	44	52	58	30	52	56	93	44	57	33.4	13	140	-88	15.6	15.7	3.8	25.8	8	19	-0.50	0.99	0.58	1	1	
NY 190011		CL 070053 NY 130028	89	108	117	99	88	105	107	105	94	108	90	117	112	97	113	119	104	88	80	114	108	101	89	111	101		50	
Umla Super			62	93	68	50	58	63	43	59	68	93	53	68	29.3	9	124	-82	13.7	7.2	2.8	31.7	5	14	-0.67	0.72	0.24			
NY 210024		NY 150019 NY 130021	89	106	100	94	81	86	98	86	90	106	96	100	104	105	103	107	97	86	90	88	108	102	90	105	114		14	
2124			53	85	61	38	42	54	22	48	60	85	41	61	22.9	16	81	-62	9.7	8.7	0.4	18.7	5	14	-0.60	0.25	0.99			
NY 220001		NY 190011 NY 190002	97	100	111	103	91	100	104	99	98	100	96	111	103	95	109	116	100	95	76	114	105	96	84	112	102			
ANDY			40	71	47	32	39	44	26	40	0.27	10.7	0.38	7.1	21.8	6	108	-77	11.5	1.7	3.5	31.8	2	9	-1.19	0.78	0.26			
											44	71	34	47	66	32	29	22	31	45	29	51	31	30	28	26	26			

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 Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 190011 90026873 Umla Super	5	CL 070053 NY 130028	89 62	108 93	117 68	99 50	88 58	105 63	107 43	105 59	107 44	94 0.72 68	90 0.63 53	97 9 50	108 14.7 93	117 9.0 68	122 123 70	112 29.3 86	113 124 48	119 -82 36	104 13.7 50	88 7.2 67	80 2.8 45	114 31.7 72	108 5 50	101 14 50	89 -0.67 45	111 0.72 43	101 0.24 43
NY 220001 94692670 ANDY	20	NY 190011 NY 190002	97 40	100 71	111 47	103 32	91 39	100 44	104 26	99 40	102 27	98 0.27 44	96 0.38 34	95 6 32	100 10.7 71	111 7.1 47	111 95 50	103 21.8 66	109 108 29	116 -77 22	100 11.5 31	95 1.7 45	76 3.5 29	114 31.8 51	105 2 31	96 9 30	84 -1.19 28	112 0.78 26	102 0.26 26
NY 230001 96261318 ERIC	16	NY 190011 NY 200023	91 40	104 71	118 48	95 34	89 37	100 44	103 26	99 40	104 26	97 0.43 44	88 0.75 33	102 13 34	104 12.5 71	118 9.3 48	117 110 51	107 25.6 60	108 101 28	111 -68 22	103 13.0 29	94 2.2 45	81 2.5 27	106 27.5 48	108 5 30	102 14 29	89 -0.67 27	109 0.56 25	103 0.35 25
NY 240003 98563802 BUFFALO	10	NY 190011 NY 200014	87 41	107 72	116 50	87 37	96 38	101 46	103 24	100 42	104 24	93 0.80 45	87 0.78 35	112 23 37	107 14.4 72	116 8.8 50	115 104 53	110 27.8 66	109 105 27	114 -74 20	101 11.8 28	96 0.5 45	87 1.1 28	111 30.4 50	109 5 29	103 15 28	90 -0.55 25	107 0.35 24	110 0.73 24
NY 240008 98563851 MAX	10	NY 190011 NY 200028	84 38	113 70	130 50	88 36	85 35	108 44	110 24	108 40	116 24	94 0.70 42	81 1.07 32	109 20 36	113 17.1 70	130 13.4 50	132 149 52	118 33.8 64	118 141 27	118 -81 20	112 17.6 28	84 10.2 39	81 2.5 26	111 30.3 48	120 13 28	115 27 28	102 0.64 25	106 0.31 24	104 0.39 24
NY 240009 98563869 WRIGHT	10	NY 190011 NY 190016	90 34	103 71	120 50	94 31	90 37	101 43	101 24	100 39	103 24	97 0.44 37	87 0.77 30	103 14 31	103 12.3 71	120 10.0 50	119 113 51	107 25.6 65	107 100 27	110 -67 20	101 12.1 28	89 5.9 43	83 2.0 28	114 31.5 48	109 5 28	101 14 28	92 -0.35 25	104 0.10 24	98 0.03 24
NY 240014 98563901 TAURUS	11	NY 190011 NY 140022	102 41	91 73	111 54	113 34	96 40	100 47	92 28	97 43	88 27	103 -0.17 45	98 0.26 35	88 0 34	91 5.6 73	111 7.0 54	105 79 54	94 15.1 66	92 41 30	95 -41 25	91 6.4 32	97 -0.2 46	90 0.5 30	107 28.2 52	95 -4 33	90 2 32	76 -1.98 28	107 0.39 26	106 0.53 26
NY 240016 98563927 HUNTER	11	NY 210024 NY 190026	84 38	123 69	105 49	92 34	82 35	105 43	110 24	105 39	115 24	88 1.33 41	92 0.57 32	106 17 34	123 22.7 69	105 5.0 49	121 119 51	123 37.8 64	117 137 27	121 -85 20	109 16.2 28	80 13.1 38	90 0.5 26	100 24.5 48	117 11 28	113 24 28	97 0.15 25	111 0.70 24	113 0.94 24
NY 240017 98563935 DODGER	18	NY 210024 NY 210031	89 36	111 69	105 46	95 30	81 32	95 41			103 18	92 0.90 41	93 0.52 28	103 15 30	111 16.4 69	105 4.9 46	112 95 48	111 28.9 64	103 84 19	106 -61 15	100 11.2 21	82 11.1 39	86 1.3 21	97 23.3 46	108 5 21	103 15 20	89 -0.67 18	110 0.59 17	113 0.90 17
NY 240019 98563950 ARROW	14	NY 190011 NY 200030	93 39	103 71	111 48	121 36	85 38	108 45	104 28	107 42	103 29	95 0.64 42	96 0.37 33	81 -7 36	103 12.3 71	111 7.0 48	120 118 52	105 23.7 64	111 116 32	119 -82 22	103 13.0 34	87 7.4 44	78 3.0 28	108 28.9 48	102 1 34	99 11 33	86 -1.00 30	110 0.62 28	108 0.64 28
NY 250001 99927014 BAAHI	13	NY 220001 NY 220036	94 29	98 51	110 36	102 24	98 28	100 32			93 16	97 0.37 31	93 0.50 25	95 6 24	98 9.5 51	110 6.7 36	108 87 37	99 19.4 47	100 70 18	107 -62 13	92 7.1 18	103 -4.7 38	88 1.0 19	108 28.6 37	100 -1 19	91 4 19	81 -1.48 16	106 0.30 15	107 0.56 15
NY 250005 99927055 GAAGII	17	NY 220001 NY 220037	95 27	101 51	109 36	108 23	94 28	103 32			97 18	98 0.33 30	95 0.41 22	90 2 23	101 10.9 51	109 6.4 36	112 96 37	102 21.2 46	102 78 19	107 -61 15	97 9.4 20	98 -0.8 37	84 1.8 20	108 28.5 36	101 0 20	94 6 20	82 -1.38 18	110 0.62 17	103 0.34 17

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 Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 250008 99927071 GABAI	22	NY 220001 NY 220028	98 28	99 51	108 35	107 23	89 29	99 32			99 19	99 0.23 30	97 0.31 24	91 23	99 10.2 51	108 6.1 35	110 90 36	101 20.4 46	107 97 21	114 -73 15	97 10.0 22	95 1.4 37	78 3.1 20	106 27.7 36	102 0 22	93 5 22	81 -1.48 20	111 0.72 18	101 0.21 18
NY 250009 99927089 TABASCO	19	NY 220001 NY 220027	98 27	99 51	110 35	105 23	91 28	100 32			96 18	99 0.17 30	97 0.34 23	92 23	99 10.0 51	110 6.6 35	110 91 36	101 20.4 47	102 78 19	106 -61 16	96 9.3 21	95 1.8 37	83 2.0 19	108 28.5 36	101 0 21	94 7 20	80 -1.58 18	110 0.65 17	105 0.47 17
NY 250010 99927097 WABAN	23	NY 220001 NY 220030	92 27	105 50	113 34	99 22	92 28	103 31			102 18	96 0.52 29	92 0.54 23	98 22	105 13.1 50	113 7.6 34	116 105 35	107 25.0 46	108 104 20	113 -72 15	101 11.7 21	94 2.4 36	81 2.5 20	114 31.5 35	106 4 21	99 11 21	88 -0.79 19	108 0.44 18	100 0.14 18
NY 250012 99927113 BENTON	4	NY 190011 NY 130010	88 44	110 62	106 55	96 33	79 37	93 44	99 22	92 40	102 22	91 1.02 50	92 0.53 34	102 33	110 15.5 62	106 5.4 55	112 97 50	110 27.5 56	104 87 25	106 -60 18	100 11.5 27	79 13.5 45	85 1.5 28	97 23.3 49	108 5 27	103 15 26	91 -0.51 23	110 0.67 22	105 0.46 22
NY 250014 99927121 CABALERO	25	NY 220001 NY 220008	97 28	99 50	110 33	105 23	90 29	99 31	102 20	98 29	99 20	98 0.28 30	96 0.37 24	93 23	99 10.1 50	110 6.8 33	111 93 35	100 20.1 46	107 100 22	113 -73 16	98 10.3 23	95 1.2 37	77 3.4 21	109 29.4 36	103 2 23	94 6 23	84 -1.17 21	108 0.45 20	97 0.01 20
NY 250015 99927139 BERNARD	9	NY 190011 NY 180015	99 41	97 61	94 52	112 33	97 39	95 43	88 28	92 40	85 27	98 0.28 45	100 0.18 35	89 33	97 8.7 61	94 1.3 52	95 51 49	96 16.3 54	89 29 30	95 -41 25	88 4.8 32	100 -2.3 47	91 0.2 29	105 27.2 48	91 -7 32	85 -2 31	76 -2.01 28	106 0.29 26	107 0.57 26
NY 250019 99927162 UAID	16	NY 190011 NY 200012	92 40	105 60	113 49	94 37	89 37	99 42	102 26	98 39	102 26	96 0.48 44	91 0.57 33	104 37	105 13.3 60	113 7.8 49	114 101 49	108 25.8 54	106 95 28	110 -67 22	102 12.4 30	91 4.7 45	84 1.9 28	108 28.6 46	105 3 30	99 12 29	86 -0.95 27	111 0.75 25	104 0.42 25
NY 250025 99927220 WADE		NY 190011 NY 150030	92 31	99 56	122 52	100 28	95 32	104 38	93 22	100 35	96 22	99 0.20 34	86 0.80 27	97 28	99 9.9 56	122 10.7 52	119 115 45	101 20.6 50	99 66 24	98 -47 18	97 9.6 25	100 -1.9 37	85 1.7 23	109 29.0 44	107 4 25	99 11 25	93 -0.23 23	97 -0.48 21	94 -0.18 21
NY 250026 99927238 AARON	14	NY 190011 NY 200030	94 39	101 59	111 48	124 36	84 38	108 42	101 28	105 39	99 29	96 0.55 42	97 0.33 33	78 -10 36	101 11.1 59	111 7.1 48	120 117 48	102 21.7 52	109 105 32	117 -78 22	100 11.5 34	88 7.0 44	78 3.1 28	105 27.2 45	99 -1 34	95 7 33	83 -1.30 30	110 0.59 28	107 0.57 28
NY 250029 6020115280 NAAL	16	NY 190011 NY 210020	94 40	104 59	110 47	101 35	81 37	96 41	101 26	96 38	101 26	96 0.51 44	95 0.38 33	96 35	104 12.9 59	110 6.6 47	113 99 47	106 24.8 54	105 92 28	110 -67 22	100 11.4 30	80 13.3 45	84 1.8 28	104 26.7 46	104 2 30	98 11 29	85 -1.08 27	112 0.76 25	105 0.46 25
NY 250032 6020115298 FARAN	18	NY 190011 NY 210003	92 36	104 59	115 46	111 32	83 36	104 40	102 25	103 37	100 25	96 0.49 39	91 0.57 31	88 32	104 12.5 59	115 8.5 46	122 121 46	107 25.1 54	107 98 27	113 -72 21	101 11.6 29	83 10.9 44	80 2.7 27	108 28.7 45	103 2 29	97 9 29	84 -1.21 26	112 0.79 24	103 0.35 24

Breeding Values and Accuracies: Cows

Inbreeding in red is high

Value <80 Value >120

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Animal			Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 130010 78839800 BETTY	1	NY 090009 NY 110004	86 62	111 82	95 85	93 40	70 44	81 59			97 10	88 1.31 73	95 0.42 42	106 17 40	111 16.4 82	95 1.7 85	102 71 69	108 25.8 72	95 49 16	93 -37 10	96 9.3 18	71 19.9 60	91 0.3 34	81 15.0 66	108 5 17	104 16 17	92 -0.35 11	110 0.62 10	109 0.68 10
NY 140016 80775117 NY140016		CL 080046 NY 090029	104 53	82 83	96 85	122 48	104 53	92 61	71 37	86 56	68 30	104 -0.29 58	99 0.20 44	82 -6 48	82 0.8 83	96 2.1 85	85 27 72	80 4.2 74	69 -50 35	72 0 35	75 -2.0 38	108 -8.5 67	104 -2.5 40	97 23.4 68	78 -15 40	74 -13 38	67 -3.01 32	101 -0.09 29	114 1.00 29
NY 140022 80775133 TALLY	6	CL 080046 NY 060021	113 55	76 81	105 83	125 43	100 52	94 59	76 38	88 55	68 32	110 -0.94 60	106 -0.08 46	78 -10 43	76 -2.2 81	105 4.9 83	89 36 69	78 2.3 70	71 -43 37	68 6 36	77 -1.1 41	106 -6.8 63	101 -2.0 39	92 20.8 67	81 -13 42	78 -9 41	63 -3.33 34	103 0.06 31	111 0.82 30
NY 150010 83056671 NY150010		CL 080046 NY 090029	102 53	82 81	101 82	128 52	102 52	96 60	73 37	89 55	70 30	103 -0.24 58	98 0.28 44	75 -13 52	82 0.8 81	101 3.6 82	92 44 72	80 4.2 72	71 -42 35	74 -4 35	77 -1.0 38	110 -9.6 65	101 -2.0 37	91 19.9 68	80 -14 40	76 -10 38	68 -2.85 32	102 -0.07 29	115 1.03 29
NY 150014 83056713 ROSEMARY	5	CL 080046 NY 060018	101 64	89 83	102 84	93 54	88 54	77 63	76 40	73 58	76 32	105 -0.42 70	92 0.57 53	106 17 54	89 4.5 83	102 4.0 84	89 36 74	90 11.9 76	77 -21 38	78 -12 38	90 5.9 42	92 3.7 66	86 1.4 39	100 24.9 70	84 -11 42	82 -5 41	70 -2.61 34	108 0.46 31	100 0.16 31
NY 160014 85064236 Ilse	5	CL 070053 NY 110038	96 58	111 78	95 78	105 51	87 57	100 60	106 43	100 57	105 44	94 0.68 61	101 0.12 52	93 5 51	111 16.4 78	95 1.5 78	107 82 69	111 28.3 67	111 116 48	117 -80 36	102 12.4 50	95 1.7 64	85 1.5 48	95 21.9 67	106 3 50	98 10 50	86 -0.97 45	114 0.92 43	101 0.23 43
NY 180015 88751003 NY180015		CL 080046 NY 090029	108 53	85 79	71 79	125 40	106 51	86 57	68 37	79 53	64 30	103 -0.16 58	109 -0.27 44	80 -8 40	85 2.7 79	71 -6.4 79	64 -27 66	79 3.4 68	65 -66 35	67 7 35	71 -4.1 38	113 -11.8 65	103 -2.3 37	96 22.8 65	74 -18 40	69 -18 38	63 -3.35 32	101 -0.13 29	113 0.91 29
NY 180034 88750872 NY180034	5	CL 070053 NY 140026	109 55	94 76	97 75	119 50	61 57	81 58	96 43	81 55	90 44	105 -0.36 57	108 -0.19 52	84 -4 50	94 7.3 76	97 2.4 75	97 56 67	94 15.3 68	100 71 48	109 -65 36	91 6.3 50	60 28.4 66	75 3.7 48	92 20.8 64	93 -5 50	83 -4 50	74 -2.25 45	112 0.77 43	99 0.12 43
NY 180035 88750880 Fawn	5	CL 080046 NY 140015	104 52	84 78	110 78	135 44	83 53	98 57	84 42	94 54	79 38	105 -0.46 56	97 0.31 44	65 -22 44	84 2.2 78	110 6.6 78	108 87 67	86 8.8 65	85 14 41	92 -36 39	87 4.6 45	91 4.9 64	83 2.0 40	93 21.4 63	85 -11 45	79 -8 44	69 -2.75 39	112 0.76 36	104 0.41 35
NY 190007 90026857 Unice Super	6	CL 070053 NY 140041	101 57	100 70	99 76	91 55	86 54	85 57	101 43	86 54	97 44	100 0.06 60	99 0.20 52	108 19 55	100 10.7 70	99 2.9 76	95 53 67	101 20.6 63	106 93 48	113 -72 36	99 10.6 50	93 3.0 57	79 2.9 44	102 25.5 64	100 -1 50	91 3 50	80 -1.60 45	112 0.79 43	100 0.13 43
NY 190014 90026899 Grace Super	5	CL 070053 NY 150010	105 55	88 76	94 73	129 56	87 56	92 59	94 43	90 56	87 44	102 -0.07 57	105 -0.06 52	74 -14 56	88 3.9 76	94 1.3 73	91 42 68	84 7.6 70	98 63 48	109 -66 36	88 5.1 50	104 -5.6 64	79 3.0 47	89 19.0 64	92 -6 50	81 -5 50	72 -2.41 45	107 0.42 43	102 0.29 43
NY 190016 90032541 Wendy		NY 140007 NY 150030	91 29	101 74	118 71	92 36	90 41	97 49	92 22	94 44	96 22	98 0.33 31	86 0.82 26	105 16 36	101 11.2 74	118 9.6 71	115 103 60	101 20.9 65	99 66 24	99 -48 19	96 9.1 26	90 5.0 55	88 1.0 32	106 27.8 52	106 4 26	98 10 25	93 -0.30 23	96 -0.56 22	93 -0.25 22

Breeding Values and Accuracies: Cows

Inbreeding in red is high

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertilty V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 190026 90026972 1926 Super	5	CL 070053 NY 140026	98 55	108 70	115 75	116 55	82 54	112 57	105 43	110 54	103 44	100 0.11 57	95 0.39 52	86 -2 55	108 14.8 70	115 8.3 75	126 133 67	110 28.1 64	111 114 48	118 -81 36	101 12.0 50	82 11.7 58	84 1.8 45	102 25.7 64	105 3 50	97 9 50	84 -1.18 45	113 0.90 43	104 0.38 43
NY 200012 91797332 NY200012	11	NY 150019 NY 140041	95 50	103 76	110 70	88 53	91 46	93 55	97 28	92 50	97 27	99 0.23 56	93 0.51 41	111 22 53	103 11.9 76	110 6.6 70	106 80 66	103 22.3 68	99 65 30	101 -51 25	99 11.0 32	94 2.3 61	88 0.9 34	102 25.4 59	102 1 32	97 10 31	84 -1.23 28	112 0.77 26	107 0.60 26
NY 200014 91797357 NY200014		NY 150019 NY 090029	89 54	100 77	115 72	81 53	101 45	93 56	92 23	91 49	93 22	95 0.60 59	87 0.78 46	121 31 53	100 10.5 77	115 8.3 72	104 77 67	100 19.7 70	96 57 26	103 -55 18	90 6.1 27	107 -7.5 61	94 -0.4 32	102 25.6 60	102 1 28	95 7 28	85 -1.14 23	101 -0.11 21	115 1.05 21
NY 200028 91797431 NY200028		NY 150019 NY 100040	84 46	110 64	141 70	84 51	80 37	106 50	106 22	106 44	115 22	97 0.38 50	76 1.31 39	113 24 51	110 15.5 64	141 17.2 70	138 162 62	113 30.2 56	113 124 24	110 -68 18	111 17.1 25	82 11.3 42	81 2.5 25	101 25.3 56	123 15 25	118 30 25	106 1.13 23	100 -0.19 21	103 0.35 21
NY 200030 91797506 NY200030	9	CL 170024 NY 170011	100 45	94 72	105 66	140 52	80 47	105 53	95 36	102 50	92 40	97 0.39 48	103 0.03 40	59 -28 52	94 7.6 72	105 5.1 66	118 111 63	93 14.1 59	104 86 41	114 -75 27	96 9.3 45	88 6.9 57	76 3.5 32	96 22.7 54	89 -8 46	89 1 44	77 -1.93 41	108 0.46 38	113 0.90 37
NY 210003 93129856 2103	17	NY 180005 NY 180035	95 36	100 74	114 61	123 39	77 42	104 48	97 26	101 44	94 24	99 0.25 39	93 0.51 30	79 -9 39	100 10.4 74	114 8.0 61	121 119 58	101 20.9 66	100 73 27	107 -62 23	97 9.5 28	78 14.6 58	80 2.7 30	102 25.7 53	98 -2 29	92 4 28	78 -1.76 25	113 0.86 23	105 0.46 23
NY 210020 93130011 2120	10	NY 150019 NY 150023	99 51	101 75	102 65	103 47	74 46	87 53	95 28	87 48	95 27	98 0.30 56	101 0.13 42	94 6 47	101 11.1 75	102 4.1 65	104 75 62	100 20.2 67	97 60 30	100 -50 25	96 9.0 32	72 19.3 60	89 0.8 34	94 21.7 58	100 -1 32	95 8 31	81 -1.49 28	112 0.81 26	109 0.68 26
NY 210030 93132058 2130		NY 150019 NY 150030	96 43	98 73	113 65	99 41	94 40	98 50	93 22	96 44	96 22	100 0.10 48	91 0.58 35	98 9 41	98 9.7 73	113 7.6 65	110 90 60	98 17.9 66	99 66 24	98 -46 18	96 9.4 25	105 -5.8 54	80 2.7 29	104 26.5 52	107 4 25	99 12 25	92 -0.39 23	98 -0.38 21	97 -0.03 21
NY 220002 94692464 BONNIE	20	NY 190011 NY 190025	96 42	103 70	114 50	99 37	89 44	102 46	103 30	101 43	100 31	98 0.27 45	95 0.41 37	98 9 37	103 12.3 70	114 8.2 50	116 106 52	106 24.7 64	108 103 34	115 -76 25	99 10.7 35	92 3.6 57	83 2.1 31	107 28.3 52	102 1 36	94 6 35	82 -1.37 32	112 0.75 30	101 0.20 30
NY 220008 94692472 Cindy Umla	14	NY 190011 NY 190027	97 39	98 70	110 47	107 33	88 43	98 45	99 29	97 42	96 30	98 0.30 42	96 0.35 35	91 2 33	98 9.6 70	110 6.6 47	110 91 50	98 18.5 66	105 91 33	111 -69 24	96 9.0 34	96 0.8 58	78 3.2 30	105 27.0 51	102 1 34	92 4 34	84 -1.14 31	104 0.12 29	93 -0.23 29
NY 220009 94692480 EEDIE	20	NY 190011 NY 190026	96 42	103 71	116 51	115 37	92 44	114 47	102 30	111 44	99 31	99 0.20 45	94 0.45 37	86 -2 37	103 12.2 71	116 8.9 51	123 125 53	107 25.0 66	107 100 34	115 -75 25	98 10.4 35	95 1.8 57	83 2.0 31	111 30.1 51	102 1 36	93 6 35	82 -1.45 32	111 0.74 30	100 0.18 30
NY 220017 94692498 HELEN	9	NY 180005 NY 180015	101 36	94 73	95 52	117 30	98 40	97 45	85 24	93 41	82 22	101 0.03 40	100 0.17 30	86 -2 30	94 7.3 73	95 1.8 52	94 50 52	93 14.4 60	86 16 24	92 -36 22	84 3.0 26	103 -4.9 59	90 0.5 25	103 26.2 51	88 -9 27	81 -6 26	72 -2.43 23	107 0.37 21	108 0.62 21

Breeding Values and Accuracies: Cows

Inbreeding in red is high

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Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 220027 94692514 Tess	12	NY 180005 NY 140022	99 37	98 73	108 54	109 31	91 41	100 46	94 24	98 42	90 22	100 0.06 41	97 0.29 31	90 1 31	98 9.3 73	108 6.2 54	109 88 53	99 19.0 66	94 47 25	97 -44 22	92 7.1 27	94 2.0 59	90 0.6 27	101 25.2 52	97 -3 28	92 4 27	77 -1.96 23	109 0.52 21	109 0.69 21
NY 220028 94692522 Pam	20	NY 180005 NY 180025	99 37	98 73	105 52	115 34	86 42	99 46	99 26	98 42	95 27	99 0.19 40	98 0.25 33	87 -1 34	98 9.6 73	105 5.1 52	108 85 53	99 19.1 64	104 86 29	111 -70 22	95 8.4 31	96 1.2 59	80 2.6 28	98 23.5 51	99 -2 31	89 2 30	78 -1.78 28	110 0.65 26	100 0.16 26
NY 220030 96790407 Wind	10	NY 190011 NY 190016	88 34	110 71	114 50	95 31	93 40	106 44	101 24	104 40	102 24	93 0.76 37	88 0.71 30	102 13 31	110 15.6 71	114 8.2 50	119 115 51	111 28.2 66	107 99 27	110 -67 20	101 11.9 28	93 3.2 57	86 1.4 28	113 31.2 48	108 5 28	101 13 28	92 -0.38 25	104 0.09 24	98 0.02 24
NY 220032 94692605 Kayla	18	NY 190011 NY 190004	94 40	101 71	111 47	105 32	77 42	93 45	103 26	94 41	100 26	96 0.55 44	96 0.36 34	92 4 32	101 11.3 71	111 6.9 47	113 99 50	102 21.6 66	108 103 29	115 -75 21	98 10.5 30	80 12.7 58	74 4.1 29	105 27.4 50	104 2 31	95 7 30	83 -1.29 27	111 0.67 26	101 0.20 26
NY 220036 94692597 Bessie		NY 180005 NY 090029	92 42	96 74	109 56	102 34	106 40	100 47			85 16	96 0.47 45	90 0.62 36	95 6 34	96 8.3 74	109 6.4 56	105 79 55	96 17.0 68	90 32 20	98 -46 13	84 2.8 21	112 -11.0 60	99 -1.5 25	101 25.4 53	95 -4 22	86 -1 21	79 -1.76 16	100 -0.18 15	112 0.86 15
NY 220037 94692738 Ellen	9	NY 180005 NY 140023	94 36	101 73	107 54	116 32	97 41	108 46	92 24	104 42	91 22	97 0.40 39	94 0.45 30	86 -2 32	101 11.1 73	107 5.8 54	113 98 53	101 20.7 66	94 47 24	97 -44 22	93 7.4 26	101 -3.2 59	92 0.0 27	101 25.3 52	97 -3 27	91 4 26	80 -1.57 23	108 0.45 21	105 0.43 21
NY 220038 94692746 Daisy	10	NY 180005 NY 120026	106 38	91 74	106 55	119 32	95 42	101 47	87 24	97 42	85 22	103 -0.25 41	103 0.02 33	84 -4 32	91 5.6 74	106 5.3 55	102 71 54	91 12.9 68	90 30 24	95 -40 22	88 5.1 26	101 -3.3 60	85 1.6 27	104 26.8 53	92 -6 26	85 -2 25	72 -2.41 23	111 0.68 21	106 0.54 21
NY 230002 96261326 MANDY	10	NY 190011 NY 200029	88 38	109 69	118 48	91 33	82 35	98 43	108 24	99 39	113 24	94 0.75 42	89 0.69 32	107 18 33	109 15.0 69	118 9.6 48	120 117 50	105 24.0 57	115 129 27	116 -77 20	109 16.1 28	83 10.7 39	81 2.4 26	104 26.6 47	117 11 28	111 23 28	99 0.39 25	106 0.28 24	103 0.33 24
NY 230007 96855523 Belly	13	NY 190011 NY 200018	89 39	109 70	108 47	105 33	79 38	98 44	106 28	99 41	106 29	90 1.09 42	95 0.39 33	93 4 33	109 15.1 70	108 6.0 47	117 109 50	106 24.5 60	114 126 31	120 -85 22	105 14.0 33	83 10.8 44	79 2.8 27	100 24.8 46	105 3 34	102 14 33	89 -0.69 30	110 0.63 28	108 0.62 28
NY 230009 96261367 Robin	16	NY 190011 NY 200021	94 41	101 71	110 50	93 37	84 38	90 46	99 26	90 42	98 26	98 0.35 45	93 0.50 34	106 17 37	101 11.1 71	110 6.8 50	107 83 53	102 21.2 61	103 83 28	108 -64 22	100 11.1 30	87 7.7 45	79 3.0 28	106 27.5 48	102 1 30	96 8 30	83 -1.33 27	111 0.69 25	102 0.27 25
NY 230014 96261409 Betsy	6	NY 180005 NY 130010	89 40	109 74	106 54	98 30	73 35	91 45			99 16	92 0.90 46	93 0.51 30	99 11 30	109 15.5 74	106 5.4 54	113 99 53	109 26.8 61	102 77 19	104 -57 14	98 10.2 20	75 16.8 46	82 2.2 24	92 20.5 50	106 4 20	100 12 20	87 -0.89 17	111 0.75 16	106 0.51 16
NY 230016 96261425 Vee	15	NY 190011 NY 200003	99 39	94 71	117 48	115 34	81 37	99 44	96 26	97 40	94 26	102 -0.12 43	93 0.50 33	86 -2 34	94 7.5 71	117 9.2 48	115 105 51	98 18.6 60	100 70 28	104 -57 22	95 8.8 29	85 9.1 45	77 3.3 27	104 26.6 47	99 -1 30	92 4 29	81 -1.48 27	108 0.45 25	100 0.15 25

Breeding Values and Accuracies: Cows

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 230023 96261474 Rene	22	NY 180005 NY 160002	91 38	112 72	103 51	98 34	77 39	94 45	105 26	95 41	104 27	93 0.81 41	94 0.44 34	100 12 34	112 16.6 72	103 4.5 51	112 97 52	111 28.4 59	111 115 30	118 -81 22	103 13.1 31	83 11.1 47	77 3.3 29	97 23.1 50	106 3 31	98 10 31	84 -1.14 28	113 0.87 26	102 0.28 26
NY 230025 96790431 Amore	15	NY 190011 NY 190009	97 37	99 59	110 44	106 31	85 37	96 40	96 26	95 37	95 26	98 0.28 40	96 0.35 32	92 3 31	99 10.0 59	110 6.7 44	111 93 45	101 20.8 54	101 74 28	107 -62 22	95 8.9 30	90 5.3 44	82 2.4 27	101 25.3 46	99 -1 30	92 4 29	80 -1.57 27	110 0.60 25	102 0.28 25
NY 230026 96261490 Candice	14	NY 190011 NY 190027	95 39	100 58	112 46	104 33	86 39	97 41	101 29	97 39	99 30	98 0.35 42	94 0.45 35	93 5 33	100 10.5 58	112 7.3 46	113 98 46	102 21.5 54	108 101 33	113 -72 24	98 10.3 34	95 1.8 45	78 3.2 30	100 24.8 47	105 3 34	95 7 34	87 -0.89 31	104 0.15 29	94 -0.17 29
NY 230028 96261516 Tammy	12	NY 180005 NY 140022	100 37	96 73	109 54	113 31	87 38	99 45	92 24	96 41	88 22	101 -0.01 41	98 0.28 31	88 0 31	96 8.3 73	109 6.4 54	108 87 53	96 17.0 61	93 41 25	95 -42 22	91 6.3 27	91 4.4 47	88 0.9 27	98 23.4 50	95 -4 28	90 3 27	75 -2.11 23	108 0.50 21	108 0.65 21
NY 230029 96797444 Winnie	10	NY 180005 NY 190016	89 29	109 71	116 49	94 29	82 34	99 42			104 20	95 0.64 32	88 0.73 25	104 15 29	109 15.2 71	116 8.7 49	120 116 50	108 26.5 60	108 103 21	111 -68 16	102 12.3 22	83 10.8 44	82 2.3 23	104 26.9 46	110 6 22	102 15 22	91 -0.41 20	105 0.22 19	100 0.16 19
NY 230031 96261532 NELLY	16	NY 190011 NY 200011	101 40	95 71	107 48	115 33	76 38	91 44	94 26	90 40	91 26	100 0.08 44	100 0.17 33	87 -1 33	95 7.9 71	107 5.7 48	106 81 51	96 16.7 65	97 60 28	103 -55 22	92 7.1 30	73 18.2 45	78 3.2 27	107 28.4 49	96 -3 30	88 1 29	77 -1.90 27	110 0.66 25	102 0.25 25
NY 230032 96261540 BLOUBLOM	4	NY 180005 NY 130021	85 40	111 74	102 54	101 30	85 35	98 45			96 16	87 1.39 46	93 0.49 29	96 8 30	111 16.5 74	102 4.0 54	112 97 53	109 26.8 66	99 65 18	104 -56 13	93 7.6 19	84 10.2 47	93 -0.1 23	97 23.3 52	103 2 20	97 9 19	86 -1.01 16	105 0.21 15	112 0.85 15
NY 230035 96261573 Daisy	19	NY 180005 NY 120039	97 38	103 73	104 54	120 34	82 38	104 46	91 24	100 42	90 22	99 0.24 41	96 0.34 32	83 -5 34	103 12.3 73	104 4.7 54	113 99 54	102 21.6 66	93 42 24	96 -42 22	91 6.6 26	83 10.8 48	82 2.2 27	103 26.4 52	95 -4 27	89 1 26	77 -1.90 23	112 0.80 21	106 0.49 21
NY 230036 96261581 Indiana	20	NY 180005 NY 160014	93 38	111 72	105 52	104 33	83 40	102 45	105 26	101 41	104 27	95 0.66 41	96 0.36 34	94 5 33	111 16.2 72	105 4.9 52	116 105 52	111 28.8 64	110 111 29	116 -78 22	101 11.8 31	86 8.1 47	80 2.8 29	103 26.1 52	105 3 31	97 9 30	84 -1.14 28	113 0.90 26	102 0.31 26
NY 230048 96261664 Ally	10	NY 180005 NY 120026	104 38	94 74	105 55	118 32	89 38	99 46	87 24	95 42	85 22	102 -0.08 41	103 0.05 33	84 -4 32	94 7.4 74	105 5.0 55	104 76 54	94 15.1 66	90 33 24	95 -41 22	89 5.5 26	92 3.5 48	83 2.0 27	105 27.2 53	93 -5 26	86 -2 25	73 -2.34 23	111 0.69 21	107 0.56 21
NY 240001 98563786 NY240001	18	NY 210024 NY 210029	90 37	105 69	107 46	95 30	84 32	92 42			100 18	92 0.89 42	94 0.45 28	103 14 30	105 13.4 69	107 5.7 46	109 88 48	103 22.4 64	102 77 19	105 -57 15	98 10.4 20	89 6.2 39	87 1.2 23	95 22.3 46	106 4 21	101 14 20	88 -0.75 18	108 0.44 17	110 0.77 17
NY 240005 98563828 FAYE	17	NY 190011 NY 180035	97 40	96 72	113 53	123 34	86 40	105 46	95 30	102 43	91 29	100 0.12 44	94 0.47 34	79 -8 34	96 8.4 72	113 7.9 53	117 108 53	99 19.0 54	98 63 31	105 -58 26	95 8.4 34	89 5.9 46	81 2.4 30	104 26.7 49	95 -4 34	89 1 33	77 -1.88 30	111 0.72 28	102 0.28 28

Breeding Values and Accuracies: Cows

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Animal			Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 240006 98563836 BARBARA	9	NY 190011 NY 180015	100 41	94 72	94 53	117 33	98 40	96 46	84 28	92 42	82 27	99 0.17 45	101 0.14 35	86 -2 33	94 7.1 72	94 1.4 53	93 47 53	92 13.3 66	86 15 30	92 -35 25	84 2.9 32	101 -2.9 47	91 0.4 29	106 27.6 51	87 -9 32	80 -6 31	73 -2.31 28	105 0.26 26	106 0.50 26
NY 240007 98563844 HARRIET	20	NY 190011 NY 180034	100 42	100 72	106 51	108 36	74 42	91 47	101 30	92 44	98 31	99 0.19 45	100 0.18 37	91 2 36	100 10.6 72	106 5.5 51	109 88 53	100 20.2 66	106 95 34	114 -73 25	97 9.7 35	73 18.0 47	78 3.2 33	104 26.6 51	100 0 36	92 4 35	81 -1.50 32	111 0.74 30	100 0.17 30
NY 240011 98563877 BIANCA	2	NY 190011 NY 130021	86 44	106 74	103 55	104 33	90 38	98 47	92 22	95 42	93 22	89 1.25 50	94 0.46 34	94 5 33	106 13.9 74	103 4.5 55	110 91 54	106 24.6 68	96 56 25	102 -53 18	91 6.5 26	90 5.6 46	95 -0.5 27	99 24.3 52	100 0 26	93 6 26	85 -1.12 23	103 0.06 21	109 0.67 21
NY 240021 98563976 ULLY	11	NY 210024 NY 190007	96 38	101 69	98 50	95 34	84 35	85 44	97 24	85 40	96 24	96 0.51 42	99 0.20 32	103 15 34	101 11.0 69	98 2.8 50	97 58 51	99 18.8 63	101 77 27	108 -63 20	95 8.8 28	90 5.6 38	84 1.7 26	96 22.9 48	101 0 28	93 6 28	82 -1.38 25	108 0.48 24	106 0.49 24
NY 240023 98563992 IMKE	11	NY 210024 NY 160014	106 39	84 71	104 51	121 32	87 36	90 44	88 24	87 40	82 24	104 -0.28 43	103 0.04 32	82 -6 32	84 2.3 71	104 4.7 51	95 53 51	87 9.9 51	91 34 27	98 -46 20	84 2.5 28	97 0.2 41	83 2.0 28	93 21.1 47	89 -8 28	79 -8 28	72 -2.49 25	107 0.37 24	101 0.19 24
NY 240024 98564008 ROSSLYN	16	NY 190011 NY 200021	94 41	103 72	109 50	92 37	84 38	90 46	100 26	90 42	99 26	97 0.42 45	93 0.49 34	107 18 37	103 11.9 72	109 6.4 50	107 83 53	103 22.0 66	104 87 28	109 -66 22	101 11.6 30	86 8.1 45	79 2.9 28	106 27.8 49	103 1 30	97 9 30	84 -1.23 27	111 0.70 25	102 0.29 25
NY 240026 98564016 FAITH	15	NY 210024 NY 210003	92 32	104 69	104 44	105 27	80 30	93 40			98 16	93 0.79 36	96 0.36 25	93 5 27	104 12.9 69	104 4.7 44	109 89 47	102 21.2 64	102 79 18	108 -63 15	97 10.0 19	81 12.3 38	86 1.4 20	97 22.9 44	104 2 20	98 10 19	85 -1.11 17	109 0.56 16	110 0.74 16
NY 240029 98564040 BETHANY	9	NY 190011 NY 140016	102 41	85 74	109 55	121 36	97 40	98 47	83 28	93 43	79 27	103 -0.21 45	97 0.32 35	82 -6 36	85 2.8 74	109 6.2 55	101 67 55	88 10.0 67	84 10 30	91 -33 25	83 2.2 32	100 -2.4 47	90 0.5 31	106 27.6 52	86 -10 32	79 -8 31	71 -2.56 28	105 0.23 26	105 0.44 26
NY 240030 98564057 WILLOW		NY 190011 NY 150030	90 31	101 70	123 53	100 28	95 33	107 42	92 22	103 38	95 22	98 0.30 34	85 0.87 27	96 7 28	101 11.2 70	123 11.0 53	122 123 50	104 23.0 64	98 64 24	98 -46 18	96 9.3 25	99 -1.6 37	85 1.7 23	110 29.5 47	106 3 25	98 10 25	93 -0.30 23	96 -0.49 21	94 -0.20 21
NY 250002 99927022 AADI	17	NY 220001 NY 220038	101 28	95 51	108 36	110 23	93 28	100 32			93 18	101 0.01 30	99 0.20 24	89 1 23	95 8.1 51	108 6.2 36	107 83 37	97 17.3 47	100 69 19	106 -59 15	94 8.3 20	98 -0.8 37	81 2.6 19	109 29.3 37	98 -2 20	91 3 20	78 -1.80 18	111 0.73 17	104 0.40 17
NY 250003 99927030 BAAKO	17	NY 220001 NY 220017	99 27	97 51	103 35	108 22	94 28	98 32			92 18	99 0.15 30	98 0.27 23	90 2 22	97 9.0 51	103 4.4 35	103 73 36	98 18.1 44	98 62 19	104 -57 15	92 7.2 20	99 -1.6 37	83 2.0 19	109 29.0 36	96 -3 20	89 1 20	78 -1.81 18	109 0.57 17	105 0.44 17
NY 250004 99927048 HALDA	28	NY 220001 NY 220009	96 29	102 50	114 35	107 25	92 29	106 32	103 20	104 30	100 20	99 0.23 31	95 0.42 25	90 2 25	102 11.4 50	114 8.0 35	117 110 37	105 23.4 46	108 104 22	115 -76 17	99 11.0 23	95 1.7 36	80 2.8 21	112 31.0 36	103 2 24	95 7 23	83 -1.32 21	112 0.76 20	101 0.22 20

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Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
NY 250007 99927063 HADENNA	28	NY 220001 NY 220002	96 29	102 50	113 34	101 25	90 29	101 32	103 20	100 30	101 20	98 0.27 31	95 0.39 25	96 8 25	102 11.5 50	113 7.6 34	114 100 36	104 23.3 46	109 105 22	115 -76 17	100 11.1 23	94 2.6 36	80 2.8 21	111 30.1 37	103 2 24	95 8 23	83 -1.28 21	112 0.77 20	101 0.23 20
NY 250011 99927105 BAARA	9	NY 190011 NY 150010	96 41	95 61	109 53	116 37	95 40	102 44	90 28	98 41	88 27	99 0.24 45	94 0.46 35	86 -2 37	95 7.7 61	109 6.3 53	108 86 50	96 16.7 56	92 41 30	98 -46 25	91 6.4 32	99 -1.2 47	91 0.4 29	102 25.8 50	94 -4 32	89 2 31	79 -1.76 28	106 0.32 26	108 0.64 26
NY 250013 6020115272 WACHIRU	10	NY 190011 NY 210030	92 38	103 59	115 47	99 33	91 36	102 40	100 24	100 37	102 24	97 0.41 42	91 0.61 31	98 9 33	103 12.2 59	115 8.3 47	116 107 46	105 23.6 54	106 95 27	109 -65 20	100 11.6 28	96 0.7 43	80 2.7 27	109 29.1 45	108 5 28	100 13 28	90 -0.53 25	104 0.17 24	99 0.10 24
NY 250016 99927147 U	21	NY 190011 NY 190007	95 42	104 58	108 51	95 37	87 40	95 43	104 30	95 40	102 31	97 0.39 45	95 0.42 37	103 14 37	104 12.7 58	108 6.0 51	109 87 49	106 24.9 54	110 109 34	116 -77 25	102 12.2 35	90 5.1 44	79 2.9 31	108 28.6 49	104 2 36	96 8 35	85 -1.13 32	112 0.75 30	100 0.18 30
NY 250017 6020115306 UALANI	24	NY 190011 NY 210029	88 42	109 60	116 48	96 34	87 38	103 42	104 26	102 39	105 26	93 0.78 46	90 0.66 34	101 12 34	109 15.1 60	116 8.8 48	121 119 47	111 28.5 56	109 105 28	112 -70 22	104 13.3 30	90 5.5 45	81 2.4 28	107 28.0 47	108 5 30	103 15 29	89 -0.62 27	111 0.69 25	105 0.43 25
NY 250018 99927154 HALENE	20	NY 190011 NY 180034	99 42	101 60	107 51	107 36	74 41	92 43	102 30	92 40	98 31	99 0.18 45	99 0.22 37	91 2 36	101 11.0 60	107 5.7 51	110 91 49	103 22.3 55	107 97 34	114 -74 25	98 10.0 35	74 17.8 47	77 3.3 33	103 26.3 48	101 0 36	92 5 35	81 -1.46 32	111 0.74 30	100 0.18 30
NY 250021 99927188 HALDORA	20	NY 190011 NY 190026	93 42	108 58	116 51	106 37	85 40	108 43	106 30	107 40	105 31	97 0.41 45	93 0.51 37	91 3 37	108 14.7 58	116 8.7 51	124 128 49	111 28.7 54	112 119 34	118 -82 25	103 12.9 35	85 9.4 44	82 2.3 31	108 28.7 48	107 4 36	99 12 35	87 -0.92 32	112 0.81 30	103 0.31 30
NY 250022 99927196 KADENCE	30	NY 220001 NY 220032	95 28	101 50	111 34	104 23	84 29	96 32			101 18	97 0.41 31	96 0.37 24	94 5 23	101 11.0 50	111 7.0 34	112 97 36	102 21.7 47	109 106 21	115 -76 15	99 11.0 22	88 7.2 37	75 3.8 20	110 29.6 36	104 2 22	96 8 21	83 -1.24 19	111 0.73 18	101 0.23 18
NY 250023 99927204 BABETTE	9	NY 190011 NY 140016	96 41	95 62	107 55	109 36	96 40	98 44	89 28	95 41	87 27	99 0.22 45	95 0.42 35	89 1 36	95 7.7 62	107 5.6 55	105 77 51	96 16.7 56	91 37 30	97 -44 25	90 5.9 32	98 -0.6 47	92 0.1 31	106 27.5 50	93 -5 32	88 0 31	78 -1.84 28	106 0.32 26	108 0.62 26
NY 250024 99927212 WANDA	10	NY 190011 NY 190016	90 34	105 59	118 49	96 31	89 36	101 40	100 24	99 37	101 24	96 0.53 37	88 0.72 30	101 12 31	105 12.9 59	118 9.3 49	118 113 46	107 25.1 54	106 95 27	109 -65 20	100 11.4 28	89 6.1 43	84 1.9 28	110 29.7 45	107 4 28	100 12 28	91 -0.48 25	103 0.08 24	97 -0.01 24
NY 250027 99927246 TABIA	11	NY 190011 NY 140022	101 41	92 62	111 54	113 34	94 39	100 43	92 28	97 40	88 27	102 -0.11 45	98 0.28 35	88 -1 34	92 6.2 62	111 6.9 54	106 82 50	95 15.8 56	92 40 30	95 -41 25	91 6.3 32	97 0.2 46	91 0.4 30	103 26.3 49	95 -4 33	89 2 32	76 -2.00 28	107 0.39 26	106 0.53 26
NY 250030 99927253 BAILEY	10	NY 190011 NY 200014	89 41	104 60	116 50	89 37	94 37	98 42	100 24	97 38	100 24	95 0.66 45	89 0.71 35	109 20 37	104 12.6 60	116 8.7 50	113 99 49	106 24.5 56	105 91 27	111 -69 20	97 9.9 28	97 -0.1 45	87 1.2 28	108 28.6 47	105 3 29	98 10 28	87 -0.90 25	106 0.30 24	108 0.64 24

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Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
NY 250031 99927261 LIBBY		NY 190011 NY 190040	93 31	97 52	120 47	99 25	87 30	97 35	94 22	95 32	98 22	99 0.19	88 0.74	97 9	97 9.0	120 10.2	116 106	99 18.9	100 73	100 -49	98 10.4	95 1.9	82 2.3	100 24.4	108 5	101 13	95 -0.06	97 -0.46	95 -0.14	
												34	27	25	52	47	41	43	24	18	25	33	22	41	25	25	23	21	21	
NY 250033 99927279 ROSALIE	12	NY 190011 NY 150014	95 45	98 62	109 54	96 38	88 40	91 45	92 29	89 42	91 27	100 0.15	91 0.60	102 13	98 9.6	109 6.5	105 79	101 20.6	95 52	100 -49	97 9.8	90 5.5	83 2.1	107 28.3	96 -3	92 4	80 -1.64	110 0.59	101 0.20	
												49	37	38	62	54	51	58	30	26	33	47	30	50	33	32	28	26	26	

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 Q204X F94L Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
											★★★				
1	NY 190011 Umla Super	CL 070053	NY 130028	4.7			89 62	108 93	117 68	99 50	88 58	105 63	107 43	105 59	
2	NY 220001 ANDY	NY 190011	NY 190002	20.1			97 40	100 71	111 47	103 32	91 39	100 44	104 26	99 40	
3	NY 230001 ERIC	NY 190011	NY 200023	16.3			91 40	104 71	118 48	95 34	89 37	100 44	103 26	99 40	
4	NY 240003 BUFFALO	NY 190011	NY 200014	10.1			87 41	107 72	116 50	87 37	96 38	101 46	103 24	100 42	
5	NY 240008 MAX	NY 190011	NY 200028	10.1			84 38	113 70	130 50	88 36	85 35	108 44	110 24	108 40	
6	NY 240009 WRIGHT	NY 190011	NY 190016	10.1			90 34	103 71	120 50	94 31	90 37	101 43	101 24	100 39	
7	NY 240014 TAURUS	NY 190011	NY 140022	11.4			102 41	91 73	111 54	113 34	96 40	100 47	92 28	97 43	
8	NY 240016 HUNTER	NY 210024	NY 190026	11.3			84 38	123 69	105 49	92 34	82 35	105 43	110 24	105 39	
9	NY 240019 ARROW	NY 190011	NY 200030	14.1			93 39	103 71	111 48	121 36	85 38	108 45	104 28	107 42	
											★★★				
1	NY 240017 DODGER	NY 210024	NY 210031	17.8			89 36	111 69	105 46	95 30	81 32	95 41			

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
									★★★★☆																	
1	NY 190026	1926 Super	CL 070053	NY 140026	4.7					98	55	108	70	115	75	116	55	82	54	112	57	105	43	110	54	
2	NY 220009	EEDIE	NY 190011	NY 190026	19.9					96	42	103	71	116	51	115	37	92	44	114	47	102	30	111	44	
									★★★★																	
1	NY 160014	Ilse	CL 070053	NY 110038	4.7					96	58	111	78	95	78	105	51	87	57	100	60	106	43	100	57	
2	NY 200028	NY200028	NY 150019	NY 100040	0.0					84	46	110	64	141	70	84	51	80	37	106	50	106	22	106	44	
3	NY 200030	NY200030	CL 170024	NY 170011	9.1					100	45	94	72	105	66	140	52	80	47	105	53	95	36	102	50	
4	NY 210003	2103	NY 180005	NY 180035	17.2					95	36	100	74	114	61	123	39	77	42	104	48	97	26	101	44	
5	NY 220002	BONNIE	NY 190011	NY 190025	19.9					96	42	103	70	114	50	99	37	89	44	102	46	103	30	101	43	
6	NY 220027	Tess	NY 180005	NY 140022	11.8					99	37	98	73	108	54	109	31	91	41	100	46	94	24	98	42	
7	NY 220030	Wind	NY 190011	NY 190016	10.1					88	34	110	71	114	50	95	31	93	40	106	44	101	24	104	40	
8	NY 220036	Bessie	NY 180005	NY 090029	0.0					92	42	96	74	109	56	102	34	106	40	100	47					
9	NY 220037	Ellen	NY 180005	NY 140023	9.5					94	36	101	73	107	54	116	32	97	41	108	46	92	24	104	42	
10	NY 220038	Daisy	NY 180005	NY 120026	9.9					106	38	91	74	106	55	119	32	95	42	101	47	87	24	97	42	
11	NY 230035	Daisy	NY 180005	NY 120039	18.6					97	38	103	73	104	54	120	34	82	38	104	46	91	24	100	42	
12	NY 230036	Indianna	NY 180005	NY 160014	20.2					93	38	111	72	105	52	104	33	83	40	102	45	105	26	101	41	
13	NY 240005	FAYE	NY 190011	NY 180035	16.6					97	40	96	72	113	53	123	34	86	40	105	46	95	30	102	43	
14	NY 240030	WILLOW	NY 190011	NY 150030	0.0					90	31	101	70	123	53	100	28	95	33	107	42	92	22	103	38	
									★★★★☆																	
1	NY 140016	NY140016	CL 080046	NY 090029	0.0					104	53	82	83	96	85	122	48	104	53	92	61	71	37	86	56	
2	NY 140022	TALLY	CL 080046	NY 060021	5.7					113	55	76	81	105	83	125	43	100	52	94	59	76	38	88	55	
3	NY 150010	NY150010	CL 080046	NY 090029	0.0					102	53	82	81	101	82	128	52	102	52	96	60	73	37	89	55	
4	NY 180035	Fawn	CL 080046	NY 140015	4.7					104	52	84	78	110	78	135	44	83	53	98	57	84	42	94	54	
5	NY 190014	Grace Super	CL 070053	NY 150010	4.7					105	55	88	76	94	73	129	56	87	56	92	59	94	43	90	56	
6	NY 190016	Wendy	NY 140007	NY 150030	0.0					91	29	101	74	118	71	92	36	90	41	97	49	92	22	94	44	
7	NY 200012	NY200012	NY 150019	NY 140041	11.4					95	50	103	76	110	70	88	53	91	46	93	55	97	28	92	50	
8	NY 200014	NY200014	NY 150019	NY 090029	0.0					89	54	100	77	115	72	81	53	101	45	93	56	92	23	91	49	
9	NY 210030	2130	NY 150019	NY 150030	0.0					96	43	98	73	113	65	99	41	94	40	98	50	93	22	96	44	
10	NY 220008	Cindy Umla	NY 190011	NY 190027	14.4					97	39	98	70	110	47	107	33	88	43	98	45	99	29	97	42	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc									
									★★★★																
11	NY 220017	HELEN	NY 180005	NY 180015	9.5				101	36	94	73	95	52	117	30	98	40	97	45	85	24	93	41	
12	NY 220028	Pam	NY 180005	NY 180025	19.6				99	37	98	73	105	52	115	34	86	42	99	46	99	26	98	42	
13	NY 220032	Kayla	NY 190011	NY 190004	18.5				94	40	101	71	111	47	105	32	77	42	93	45	103	26	94	41	
14	NY 230002	MANDY	NY 190011	NY 200029	10.1				88	38	109	69	118	48	91	33	82	35	98	43	108	24	99	39	
15	NY 230007	Belly	NY 190011	NY 200018	12.8				89	39	109	70	108	47	105	33	79	38	98	44	106	28	99	41	
16	NY 230009	Robin	NY 190011	NY 200021	16.3				94	41	101	71	110	50	93	37	84	38	90	46	99	26	90	42	
17	NY 230014	Betsy	NY 180005	NY 130010	5.5				89	40	109	74	106	54	98	30	73	35	91	45					
18	NY 230016	Vee	NY 190011	NY 200003	14.7				99	39	94	71	117	48	115	34	81	37	99	44	96	26	97	40	
19	NY 230023	Rene	NY 180005	NY 160002	21.6				91	38	112	72	103	51	98	34	77	39	94	45	105	26	95	41	
20	NY 230025	Amore	NY 190011	NY 190009	14.7				97	37	99	59	110	44	106	31	85	37	96	40	96	26	95	37	
21	NY 230026	Candice	NY 190011	NY 190027	14.4				95	39	100	58	112	46	104	33	86	39	97	41	101	29	97	39	
22	NY 230028	Tammy	NY 180005	NY 140022	11.8				100	37	96	73	109	54	113	31	87	38	99	45	92	24	96	41	
23	NY 230029	Winnie	NY 180005	NY 190016	10.5				89	29	109	71	116	49	94	29	82	34	99	42					
24	NY 230031	NELLY	NY 190011	NY 200011	15.6				101	40	95	71	107	48	115	33	76	38	91	44	94	26	90	40	
25	NY 230032	BLOUBLOM	NY 180005	NY 130021	3.5				85	40	111	74	102	54	101	30	85	35	98	45					
26	NY 230048	Ally	NY 180005	NY 120026	9.9				104	38	94	74	105	55	118	32	89	38	99	46	87	24	95	42	
27	NY 240001	NY240001	NY 210024	NY 210029	17.8				90	37	105	69	107	46	95	30	84	32	92	42					
28	NY 240006	BARBARA	NY 190011	NY 180015	9.2				100	41	94	72	94	53	117	33	98	40	96	46	84	28	92	42	
29	NY 240007	HARRIET	NY 190011	NY 180034	19.9				100	42	100	72	106	51	108	36	74	42	91	47	101	30	92	44	
30	NY 240011	BIANCA	NY 190011	NY 130021	2.4				86	44	106	74	103	55	104	33	90	38	98	47	92	22	95	42	
31	NY 240023	IMKE	NY 210024	NY 160014	11.3				106	39	84	71	104	51	121	32	87	36	90	44	88	24	87	40	
32	NY 240024	ROSSLYN	NY 190011	NY 200021	16.3				94	41	103	72	109	50	92	37	84	38	90	46	100	26	90	42	
33	NY 240026	FAITH	NY 210024	NY 210003	15.0				92	32	104	69	104	44	105	27	80	30	93	40					
34	NY 240029	BETHANY	NY 190011	NY 140016	9.2				102	41	85	74	109	55	121	36	97	40	98	47	83	28	93	43	
									★★★																
1	NY 130010	BETTY	NY 090009	NY 110004	1.3				86	62	111	82	95	85	93	40	70	44	81	59					
2	NY 180015	NY180015	CL 080046	NY 090029	0.0				108	53	85	79	71	79	125	40	106	51	86	57	68	37	79	53	
3	NY 180034	NY180034	CL 070053	NY 140026	4.7				109	55	94	76	97	75	119	50	61	57	81	58	96	43	81	55	
4	NY 190007	Unice Super	CL 070053	NY 140041	6.4				101	57	100	70	99	76	91	55	86	54	85	57	101	43	86	54	
5	NY 210020	2120	NY 150019	NY 150023	9.8				99	51	101	75	102	65	103	47	74	46	87	53	95	28	87	48	

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID		Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
6	NY 240021 ULLY	NY 210024	NY 190007	11.5						9638	10169	9850	9534	8435	8544	9724	8540	
1	NY 150014 ROSEMARY	CL 080046	NY 060018	4.7						10164	8983	10284	9354	8854	7763	7640	7358	

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc				
								nt821	Q204X	F94L	Genomic tested	★★★★										
1 NY 250001			BAAHI	NY 220001	NY 220036	12.7					9429	9851	11036	10224	9828	10032						
2 NY 250005			GAAGII	NY 220001	NY 220037	17.4					9527	10151	10936	10823	9428	10332						
3 NY 250009			TABASCO	NY 220001	NY 220027	18.5					9827	9951	11035	10523	9128	10032						
4 NY 250010			WABAN	NY 220001	NY 220030	23.2					9227	10550	11334	9922	9228	10331						
5 NY 250025			WADE	NY 190011	NY 150030	0.0					9231	9956	12252	10028	9532	10438	9322	10035				
6 NY 250026			AARON	NY 190011	NY 200030	14.1					9439	10159	11148	12436	8438	10842	10128	10539				
7 NY 250032			FARAN	NY 190011	NY 210003	18.4					9236	10459	11546	11132	8336	10440	10225	10337				
												★★★★☆										
1 NY 250008			GABAI	NY 220001	NY 220028	22.4					9828	9951	10835	10723	8929	9932						
2 NY 250012			BENTON	NY 190011	NY 130010	4.1					8844	11062	10655	9633	7937	9344	9922	9240				
3 NY 250014			CABALERO	NY 220001	NY 220008	25.4					9728	9950	11033	10523	9029	9931	10220	9829				
4 NY 250015			BERNARD	NY 190011	NY 180015	9.2					9941	9761	9452	11233	9739	9543	8828	9240				
5 NY 250019			UAID	NY 190011	NY 200012	16.2					9240	10560	11349	9437	8937	9942	10226	9839				
6 NY 250029			NAAL	NY 190011	NY 210020	15.6					9440	10459	11047	10135	8137	9641	10126	9638				

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Myostatin Horned / Polled nt821 Q204X F94L Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
							★★★★								
1	NY 250002	AADI	NY 220001	NY 220038	17.5		10128	9551	10836	11023	9328	10032			
2	NY 250004	HALDA	NY 220001	NY 220009	28.1		9629	10250	11435	10725	9229	10632	10320	10430	
3	NY 250007	HADENNA	NY 220001	NY 220002	28.1		9629	10250	11334	10125	9029	10132	10320	10030	
4	NY 250011	BAARA	NY 190011	NY 150010	9.2		9641	9561	10953	11637	9540	10244	9028	9841	
5	NY 250013	WACHIRU	NY 190011	NY 210030	10.1		9238	10359	11547	9933	9136	10240	10024	10037	
6	NY 250017	UALANI	NY 190011	NY 210029	23.8		8842	10960	11648	9634	8738	10342	10426	10239	
7	NY 250021	HALDORA	NY 190011	NY 190026	19.9		9342	10858	11651	10637	8540	10843	10630	10740	
8	NY 250024	WANDA	NY 190011	NY 190016	10.1		9034	10559	11849	9631	8936	10140	10024	9937	
9	NY 250027	TABIA	NY 190011	NY 140022	11.4		10141	9262	11154	11334	9439	10043	9228	9740	
							★★★★☆								
1	NY 250003	BAAKO	NY 220001	NY 220017	17.4		9927	9751	10335	10822	9428	9832			
2	NY 250016	U	NY 190011	NY 190007	20.5		9542	10458	10851	9537	8740	9543	10430	9540	
3	NY 250018	HALENE	NY 190011	NY 180034	19.9		9942	10160	10751	10736	7441	9243	10230	9240	
4	NY 250022	KADENCE	NY 220001	NY 220032	29.6		9528	10150	11134	10423	8429	9632			
5	NY 250023	BABETTE	NY 190011	NY 140016	9.2		9641	9562	10755	10936	9640	9844	8928	9541	
6	NY 250030	BAILEY	NY 190011	NY 200014	10.1		8941	10460	11650	8937	9437	9842	10024	9738	
7	NY 250031	LIBBY	NY 190011	NY 190040	0.0		9331	9752	12047	9925	8730	9735	9422	9532	
8	NY 250033	ROSALIE	NY 190011	NY 150014	12.2		9545	9862	10954	9638	8840	9145	9229	8942	

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

Notes on the interpretation of EBVs, EBVi's, sub-values and selection values

EBVi (EBVindex) is the breeding value index and is easier to interpret than the breeding value, especially for commercial farmers buying from stud farmers. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction: an index of 105 for AFC indicates a genetic potential to calve earlier. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values can be better.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most breeds and traits). Higher values for certain traits are better while lower values for other traits are better, for example, an EBV of -2 for AFC (age at first calving) indicates that the animal has the genetic potential to calve 2 days earlier than the average heifer in 1990 (the base year). Earlier calving is better and therefore low breeding values (high breeding value indices) are better. For weaning weight, higher values are better.

Sub-values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

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

How to use breeding values to select animals

Selecting animals on breeding values is easy if you know how. There is a common saying that “good nutrition can mask poor breeding”. This is very true. If an animal that is genetically inferior is fed well, it can appear as a great animal. This great performance will not be passed over to future generations. An animal that is genetically superior can appear to be inferior if its environment did not allow it to reach its true potential. It is best to select animals that are most adapted to the environment and can reach their full potential. To continuously adapt the environment to the animal can be expensive.

The reason why the use of breeding values is such a valuable tool is because it “removes” the environmental effect that contributes to the performance.

Scientific methods are used to determine how much of the performance is due to genetics and to identify genetically superior animals. This involves the measurement of animals under controlled environments, complete record keeping and pedigree information. *If performance recording and pedigree information are not done correctly, breeding values of these animals will not be useful.* Keep in mind that breeding is a long-term option: the effect of a bull selected/bought today will only show much later. If it is a good decision, his daughters will become part of the breeding herd and contribute to overall profitability in future.

Even if a bull is not perfect in all aspects, knowing the shortcomings will allow strategic selection with suitable cows. Traits are genetically correlated, meaning that a change in one trait can lead to a change in another. This change can be favourable or unfavourable. An increase in weaning weight can lead to an increase in birth weight, which can lead to calving difficulty. It is therefore advisable to not only select on a single trait. Take other traits in consideration to avoid negative effects.

How to improve the herd genetically

The first and most important aspect is to know what type of animal will improve the herd genetically. This can be determined through the following factors:

What happens to the calves? For example: used as replacement heifers, sold as stud animals or sold to commercial breeders who sell weaner calves.

How much feed is available? The availability of feed (or the hardness of the environment) determines the optimal frame size. If feed is abundant and the environment is less harsh, larger animals would be ideal. If not, medium framed animals would be ideal.

What is the genetics of the cow herd? Are they the wrong frame type, grow too slowly, do not have enough milk, etc.? Always aim to breed a calf that is superior to its dam.

Conclusion

Different types of bulls are suitable for different types of cows, environments and breeding objectives. Inbreeding should be avoided or limited as much as possible. Mating programs are available to aid in the pairing of bulls and cows.

The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.

