

NGUNI

BREEDING VALUE REPORT

September 2026



DR. D.S. REED & SON PTY LTD

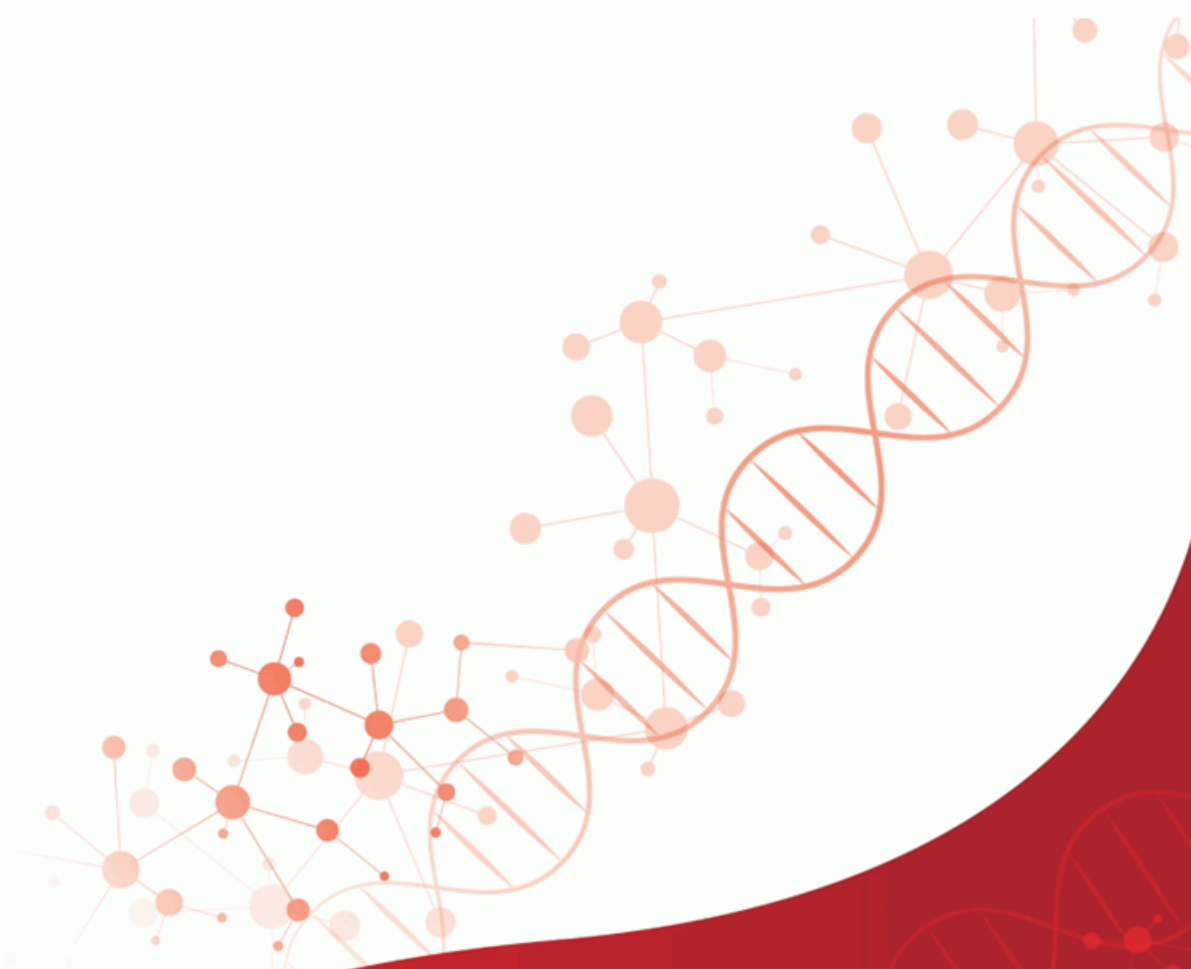
Herd Number: 402974

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NGUNI Cattle Breeders' Society
Beestelersgenootskap



LOGIX



EBVs, EBVi's and GEBVs

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

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

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

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

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



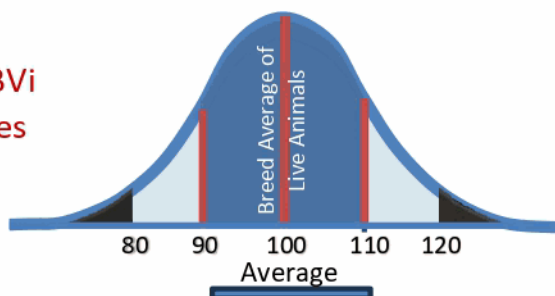
80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value

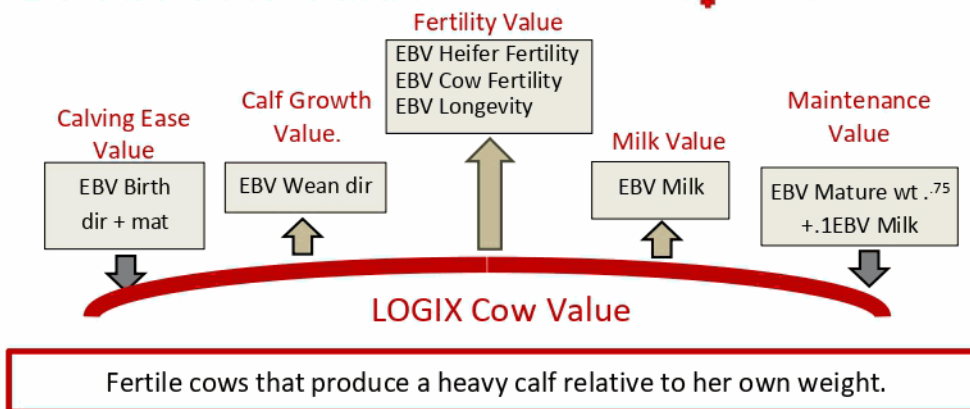


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

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

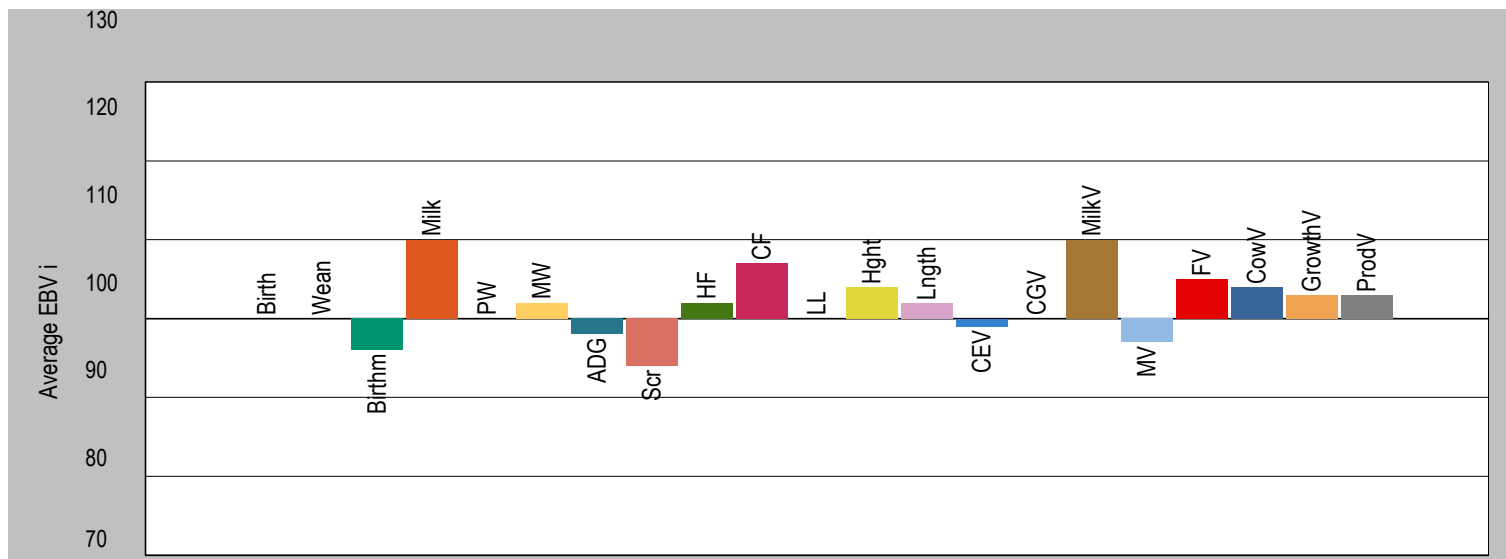
(HARSH ENVIRONMENT)

- 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

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		

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
Prewritean Growth	Birth Weight	0.11	100	0.12
	Wean Weight	2.8	100	2.6
	Birth Mat.	0.16	96	0.05
	Milk (Wn.Mat.)	3.3	110	1.0
Postwean Growth	Postwean Wt	3.7	100	3.7
	Mature Weight	6	102	5
	ADG	8	98	12
Fertility	Scrotal Circumf.	1.6	94	3.8
	Heifer Fertility	-7.8	102	-6.2
	Cow Fertility	-4.5	107	-2.9
	Longevity	23.1	100	23.2
Frame	Height	4	104	2
	Length	6	102	5

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	100
Milk	110
Maintenance	97
Fertility	105
Cow Value	104
Growth Value	103
Production Value	103

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

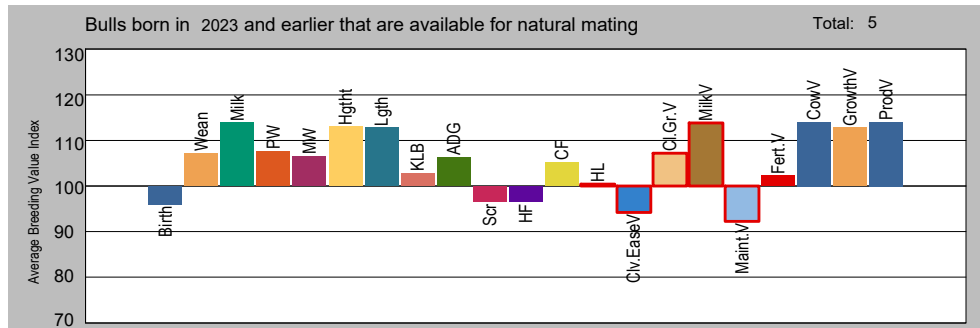
What does a sub-selection value above breed average (100) mean?:

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

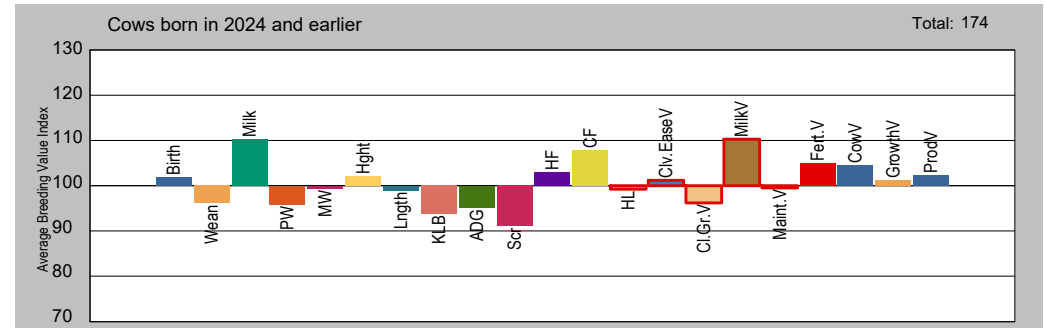
Genetic Windows

Animals available for breeding

Bulls on the farm

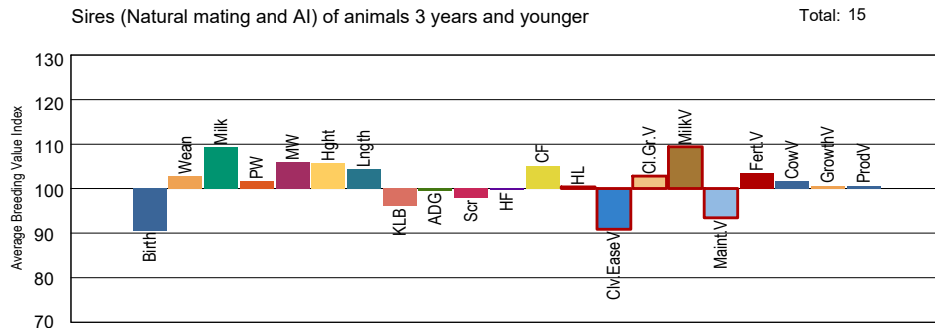


Cow Herd

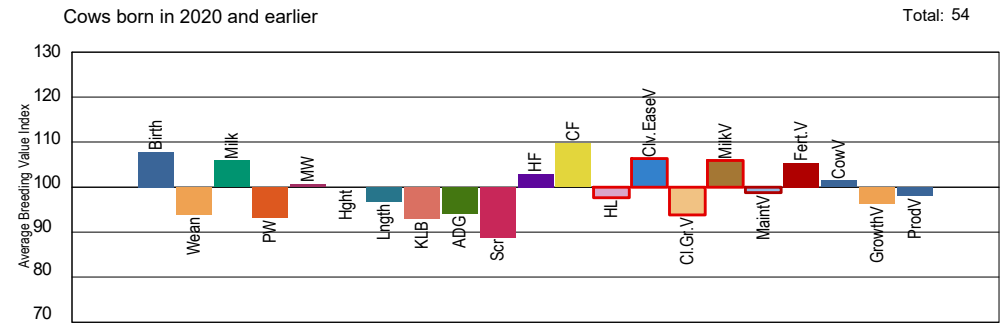


Results of previous selection decisions

Sires of young animals

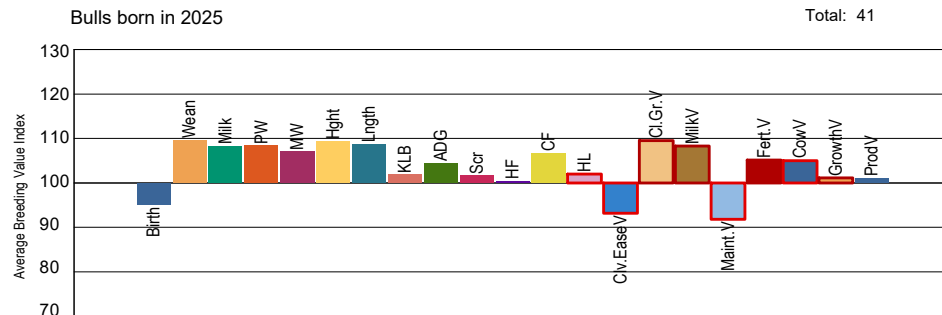


Cows older than 6 years

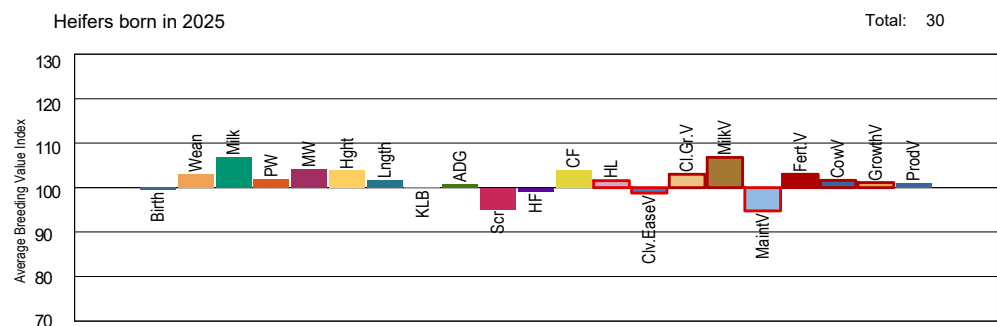


Selection possibilities

Bull calves



Heifer calves

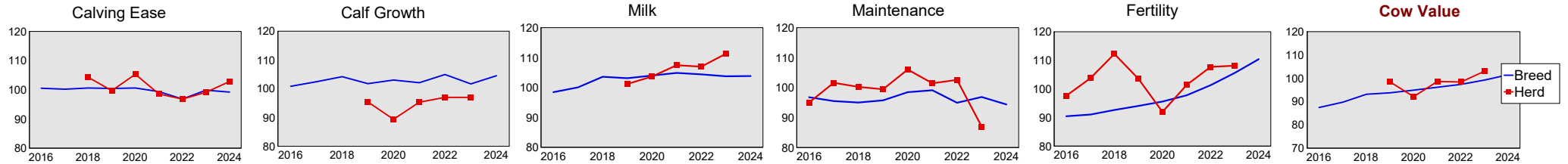


Summary of Cow Herd

			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	100	100	100	100	100	100	100	100	100	100	99	99	99	99	100	100	100	99
2010	1	★★★☆☆	115	95	105	95	93	89	91	89	136	95	114	105	102	103	101	103	130	93	103	86	90	91
2011	2	★★★★☆	95	101	111	92	102	100	99	99	96	101	94	111	105	105	94	92	110	113	110	86	90	95
2012	2	★★★★☆	115	102	98	112	98	102	112	107	118	102	88	98	102	88	93	89	101	99	101	95	108	102
2013	3	★★★★	109	102	89	107	101	98	103	101	107	102	111	89	96	93	96	98	96	104	112	85	92	94
2014	7	★★★★	110	89	109	97	104	97	93	94	111	89	104	109	89	102	97	96	90	108	110	91	96	97
2015	3	★★★☆☆	101	97	95	90	97	86	81	81	101	97	105	95	94	110	96	96	80	95	103	95	109	100
2016	15	★★★★	106	93	107	103	96	95	94	93	107	93	99	107	94	96	91	92	95	97	98	97	92	91
2017	10	★★★★☆	106	92	93	101	110	101	92	95	108	92	109	93	88	99	92	90	81	105	114	100	103	96
2018	5	★★★★★★	102	98	125	96	130	132	120	126	102	98	93	125	98	103	103	98	80	114	136	112	118	112
2019	5	★★★★★	104	93	113	88	119	112	94	102	105	93	93	113	93	111	92	91	72	107	123	107	106	98
2020	3	★★★☆☆	106	86	114	105	88	89	88	87	117	86	94	114	89	94	87	86	90	91	88	97	98	95
2021	9	★★★★★	95	112	100	98	110	111	116	114	97	112	107	100	107	102	106	103	112	112	105	106	106	110
2022	19	★★★★★	93	100	113	103	107	110	109	109	93	100	97	113	100	96	93	93	91	101	107	104	97	93
2023	51	★★★★☆	99	95	112	100	101	101	98	99	99	95	100	112	95	99	95	93	92	101	105	96	103	100
2024	46	★★★★☆	102	96	115	99	108	109	104	106	103	96	97	115	96	99	96	94	89	104	110	101	105	101
2025	30	★★★★☆	99	103	107	95	103	102	101	101	100	103	95	107	102	104	101	100	95	99	104	102	104	102
2026	13	★★★★☆	94	110	109	91	102	103	107	105	97	110	86	109	111	108	103	100	101	100	105	98	109	108
Cows in Herd Average:			103	98	107	98	104	102	100	100	106	98	99	107	98	101	96	95	94	103	108	98	102	99

Genetic Trends for On-Farm Traits

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



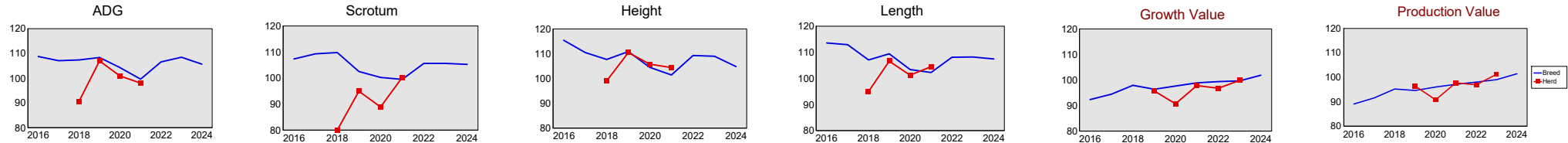
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance			Fertility						Cow Value			
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity			Ferti-lity		
	Number	Dir EBV			Number	EBV		Number	EBV		Milk	Number		EBV	Number	EBV	Number	EBV	Number			EBV	Number
2016																							
2017																							
2018	10	-0.09	0.19	104						3	-0.3	15	4	100	32	-13.6	21	-7.7	40	21.1	112		
2019	113	-0.04	-0.02	100	78	1.0	95	78	1.26	101	79	0.9	36	3	99	43	-8.7	31	-5.0	118	17.7	104	98
2020	168	-0.13	-0.29	105	121	-1.1	89	121	1.85	104	98	-1.8	33	-4	106	47	-1.2	31	-2.0	156	16.2	92	92
2021	108	0.16	-0.06	99	85	1.0	95	85	2.72	107	40	3.3	15	-1	101	34	-10.1	20	-3.3	97	20.2	101	99
2022	143	0.28	0.00	97	126	1.5	97	126	2.63	107	58	0.9	1	5	103	14	-6.8			6	22.5	108	98
2023	125	0.18	0.01	99	77	1.6	97	77	3.64	111	1	9.2			87	11	-9.0					108	103
2024	84	-0.04	0.15	103																			

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity		
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	
2016	2062	0.06	-0.03	101	1340	2.9	101	1339	0.64	98	355	6.3	223	5	97	1339	-2.4	868	-1.9	10845	12.2	90	87
2017	1692	0.05	0.03	100	1223	3.5	102	1223	1.02	100	536	7.3	266	7	95	1431	-2.1	859	-1.9	8766	13.2	91	90
2018	1623	0.00	0.02	101	961	4.1	104	961	1.83	104	525	6.9	260	8	95	1317	-2.9	764	-2.0	7360	13.8	93	93
2019	1476	0.03	0.01	100	1204	3.3	102	1202	1.73	103	501	6.3	314	7	96	1273	-3.5	775	-2.6	6887	14.6	94	94
2020	1577	0.05	0.01	101	1147	3.7	103	1147	1.93	104	561	5.4	352	6	98	1269	-4.3	672	-2.5	6779	15.4	96	95
2021	1538	0.08	0.06	99	1397	3.4	102	1397	2.14	105	770	4.9	292	5	99	1218	-5.0	585	-2.9	6379	16.8	98	96
2022	1327	0.25	0.06	97	1681	4.4	105	1681	2.02	104	780	6.7	261	10	95	962	-4.7	240	-4.2	2616	17.4	101	97
2023	1221	0.08	0.12	100	1478	3.2	102	1478	1.87	104	509	6.2	62	12	97	379	-5.9	45	-5.3			106	99
2024	1380	0.08	0.12	99	1392	4.2	105	1392	1.90	104	510	7.3	1	-6	94	128	-6.5					110	102
2025	1033	0.14	0.10	99	1054	4.6	106	1052	1.82	103	173	12.0			84	7	-42.1					133	105
2026	191	0.05	0.02	102	23	7.6	114	23	3.11	109													109

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth						Frame						Selection Values	
	ADG			Scrotal Circumf.			Height			Length			Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		
2016														
2017														
2018	3	-9	91	3	-4.6	78	3	2	99	3	1	95		
2019	29	27	107	29	1.8	95	29	7	110	29	10	107	96	96
2020	35	14	101	35	-0.5	89	35	5	106	35	6	101	91	91
2021	21	7	98	21	3.9	100	21	4	104	21	8	104	98	98
2022													97	97
2023													100	101
2024														

Breed

Birth Year	Growth						Frame						Selection Values	
	ADG			Scrotal Circumf.			Height			Length			Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		
2016	61	31	109	66	6.6	107	61	10	115	61	15	114	92	89
2017	53	27	107	52	7.3	109	52	7	110	52	15	113	94	92
2018	78	28	107	78	7.5	110	78	6	108	78	10	107	98	95
2019	66	30	108	66	4.7	103	66	7	111	66	12	109	96	95
2020	78	21	104	77	3.9	100	78	4	105	78	8	103	98	96
2021	84	11	100	83	3.6	99	84	3	101	84	7	102	99	97
2022	171	26	107	95	5.9	106	162	7	109	162	11	108	99	98
2023	65	30	108	64	5.9	106	65	6	109	65	11	108	100	99
2024	64	24	106	63	5.8	105	64	4	105	64	11	107	102	101
2025				21	13.2	125							104	104

Sires

Bull			Selection Values							Calf		Dam		Growth			Fertility				Frame		Measured Progeny					
ID	Index EBV Acc	Sire ID Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	Scrotal	Heifer	Cow	Long-	Height	Length	Birth	Wean	Dgt/Calvs.	Grwth	
			Ease	Grwth	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight		Circ.	Fertility	Fertility	evity			wt	wt		Test	
180227N		12291N 150015N	94	83	97	99	92	80	73	74	89	83	124	97	78	99		106	90	93			67	58	3	3		
18 0227N			84	90	37	11	32	34	55	44	0.68	-3.5	-0.61	0.3	-7.4	4		-11.5	-0.6	19.2								
											92	90	43	37	56	11		30	8	58								
A 080085		LEB 000203 A 040102	80	142	59	105	95	97	131	115	79	142	106	59	134	96	136	121	91	105	89	105	118	37	78	26	113	1
A0885			86	91	88	60	67	60	79	70	1.17	17.4	-0.12	-8.5	20.7	1	91	11.8	1.0	-4.1	17.3	4	19					
											90	91	69	88	72	60	63	72	68	47	86	74	70					
AW 030002		NI 940205 NI 960285	117	119	103	90	101	105	116	111	126	119	80	103	129	108	116	152	115	107	86	97	102	165	140	28	79	20
AW 03 02			94	93	89	58	76	63	83	73	-1.19	9.4	0.60	1.6	18.3	12	47	23.6	-18.3	-4.5	15.8	1	6					
											95	93	90	89	84	58	80	85	81	58	90	86	84					
AW 040007		AVM 980084 NI 980406	74	94	123	92	89	88	87	86	76	94	92	123	97	105	85	73	88	116	68	55	73	54	31	5	10	2
AW 040007			88	86	69	40	60	51	70	60	1.29	0.3	0.27	6.4	2.3	10	-22	-6.3	3.9	-6.7	6.1	-20	-15					
											91	86	74	69	73	40	55	61	63	38	79	62	60					
BN 090561		BN 030090 BN 050355	117	109	128	73	81	83	82	81	124	109	64	128	115	131	120	113	87	95	77	103	106	77	73	29	71	2
BN 090561			93	92	89	59	78	64	83	74	-1.06	5.9	1.06	7.6	11.1	33	56	8.8	5.0	-1.8	10.9	4	10					
											94	92	87	89	70	59	54	61	84	57	92	62	60					
BN 090714		BN 040265 BN 040001	103	97	91	102	119	111	103	107	105	97	87	91	101	97	114	105	107	139	88	117	107		1	2	7	
BN 090714			62	75	64	26	58	45	61	53	-0.11	1.5	0.41	-1.0	4.0	2	43	5.6	-12.0	-12.1	16.7	11	10					
											62	75	63	64	40	26	36	41	59	36	78	41	40					
BN 160309		KVN 090020	121	81	116	108	114		98		127	81	99	116	88	92	91	98	108	111	109	93	94	1	68	20	29	
BN 160309			61	73	73	42	48		62		-1.19	-4.2	0.07	4.7	-2.2	-2	-8	3.0	-12.9	-5.5	28.1	-2	0					
											61	73	60	73	42	42	19	21	44	33	68	22	21					
CSN100201 N		BOX040001 CSN050108	120	69	123	120	97	101	92	95	128	69	99	123	81	79	87	97	129	97	80	73	86	1	32	11	32	
NAMIB 10-201N			76	82	79	28	72	53	70	62	-1.26	-8.2	0.09	6.3	-5.8	-14	-18	2.6	-30.5	-2.3	12.6	-11	-6					
											76	82	77	79	44	28	40	47	77	49	89	48	45					
DH 110016		RT 050008 RT 070080	93	117	105	94	94	98	113	106	94	117	95	105	111	104	112	109	80	104	95	115	114			2	6	
DH110016			41	60	54	21	50	37	50	44	0.42	8.7	0.21	2.1	9.2	9	39	7.4	10.3	-3.9	20.5	10	16					
											41	60	41	54	38	21	19	22	52	29	68	22	21					
FB 110060		FB 060029 FB 040088	107	90	67	122	129	117	104	110	102	90	124	67	82	81			95	143	108			7		7	13	
MANGO			80	72	68	44	81	55	70	62	0.04	-0.8	-0.61	-6.7	-5.2	-12		-2.2	-13.0	27.7								
											82	72	71	68	53	44		86	65	91								
FB 130022		ANS 021230 FB 070097	123	88	66	117	91	80	80	78	118	88	117	66	86	87	79	72	104	96	87	84	82			2	4	
DUMA			48	43	50	24	61	38	46	42	-0.78	-1.5	-0.42	-6.8	-3.4	-8	-34	-6.7	-9.3	-1.8	16.0	-6	-8					
											48	43	51	50	34	24	13	14	64	38	81	15	14					

Sires

Bull			Selection Values							Calf		Dam		Growth			Fertility				Frame		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	Scrotal Circ.	Heifer Fertility	Cow Fertility	Long- evity	Height	Length	Birth wt	Wean wt	Dgt/Calvs.	Grwth Test	
	Name																											
FF 060158		FF 030029 FF 000073	118	95	101	109	84	86	93	89	129	95	93	101	92	92	95	101	102	96	72	121	105	77	16	3	9	7
IMPI FF06158			85	84	75	56	74	58	76	67	-1.30	0.8	0.25	1.3	-0.2	-2	0	4.0	-8.3	-1.9	8.2	13	9					
			87	84							87	84	74	75	60	56	69	75	79	54	90	76	74					
FF 080166		FF 050052 FF 000006	99	122	120	75	107	110	109	110	100	122	91	120	115	128	104	120	104	117	92	119	127	91	158	62	142	4
VUNDIZA FF08166			92	94	91	73	82	68	87	78	0.10	10.4	0.29	5.7	11.1	30	20	11.4	-9.6	-6.8	19.0	11	25					
			93	94							93	94	85	91	74	73	71	77	87	65	94	80	77					
GMD 070220	CS 040023 GMD 030042		115	77	89	118	80	73	74	72	114	77	145	89	86	84	82	96	114	85	71	68	79	85	18	33	55	
GMD 070220			94	88	86	60	83	64	82	73	-0.56	-5.5	-1.23	-1.6	-3.4	-10	-28	2.2	-17.8	0.6	7.5	-14	-10					
			95	88							95	88	90	86	60	60	38	43	90	65	95	43	42					
JA 100018	JA 040054 JA 030079		78	127	96	83	88	88	105	97	82	127	79	96	130	117	130	116	108	92	82	130	126		16			
JA100018			33	77	52	37	53	43	60	52	0.99	12.1	0.63	0.2	19.0	21	77	9.9	-12.9	-1.1	13.2	17	25					
			33	77							33	77	31	52	36	37	31	36	54	28	76	37	35					
JAC 210244	JLS 120120 AVM 100534		104	86	81	112	112	100	89	93	103	86	105	81	91	91	73	71	103	101	120	75	75	6	3			
JAC 210244			70	52	46	31	33	32	43	38	-0.01	-2.2	-0.09	-3.4	-0.7	-3	-47	-7.2	-9.0	-3.0	33.7	-11	-14					
			76	52							76	52	43	46	35	31	17	19	32	21	45	20	19					
JF 180021	JA 100018 JF 130043		88	119	101	88	99	99	110	105	91	119	88	101	118	111	113	110	105	100	94	117	117		9			
JF180021			30	67	42	30	48	37	52	44	0.56	9.3	0.40	1.3	12.8	15	41	7.4	-10.4	-2.9	20.2	10	18					
			31	67							31	67	28	42	27	30	24	26	51	27	66	27	26					
JF 190091	T 100344 JF 160020		103	99	105	98	91	89	95	91	100	99	110	105	94	99	97	101	85	86	106	94	92	43	5			
JF190091			80	76	48	31	44	40	57	48	0.11	2.1	-0.22	2.1	0.7	4	6	4.0	6.2	0.4	26.6	-1	-1					
			89	76							89	76	36	48	27	31	31	36	44	28	61	37	35					
LEB 060108	LEB 010209 LEB 020500		104	64	128	125	86	92	88	89	99	64	120	128	67	73	95	98	127	71	90	66	59	4	50	8	33	5
LEB 06 108			83	92	79	48	84	62	81	72	0.16	-10.0	-0.53	7.5	-12.7	-20	1	2.9	-28.9	4.0	18.0	-15	-26					
			84	92							84	92	80	79	63	48	62	70	92	64	95	71	68					
LEB 090669	LEB 040400 TTT 990011		112	63	132	117	103	105	85	94	112	63	95	132	71	83	76	99	110	114	85	83	86	85	66	16	38	2
LEB 090669			91	88	82	43	66	56	75	66	-0.49	-10.6	0.19	8.4	-10.9	-11	-42	3.5	-14.6	-6.2	15.1	-6	-5					
			92	88							92	88	85	82	65	43	70	78	66	47	86	79	76					
LEB 100236	SB 030021 LUC 050010		96	108	71	123	59	63	96	79	93	108	133	71	97	79	94	99	63	75	72	103	102	6	5	1	2	
LEB 100236			70	66	54	35	63	45	59	52	0.48	5.5	-0.88	-5.8	2.0	-15	-1	3.4	24.5	3.0	8.2	3	7					
			73	66							73	66	57	54	54	35	24	28	63	37	88	29	27					
LEB 100273	FF 060158 TTT 020031		123	87	108	98	78	75	77	74	122	87	97	108	87	99	89	77	97	90	72	102	102	1		4	13	
LEB 100273			70	64	68	35	60	46	59	52	-0.98	-1.9	0.13	2.9	-2.7	4	-12	-5.1	-4.0	-0.6	8.0	3	7					
			70	64							70	64	67	68	46	35	46	51	63	41	77	52	50					

Sires

Bull			Selection Values								Calf		Dam		Growth			Fertility				Frame		Measured Progeny				
ID	Index EBV Acc	Sire 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	Scrotal Circ.	Heifer Fertility	Cow Fertility	Long- evity	Height	Length	Birth wt	Wean wt	Dgt/Calvs.	Grwth Test	
																												Dam ID
LEB 100331		SB 030021 NRF 050058	95	122	100	102	90	100	122	112	96	122	93	100	114	96	118	110	88	114	73	133	115			4	9	
LEB 100331			69	74	69	42	62	50	65	58	69	74	69	69	57	42	60	71	66	-6.3	8.5	19	16					
LEB 110211		LEB 060108 LEB 040404	83	97	130	96	98	103	104	103	81	97	114	130	91	101	116	132	108	93	99	94	96	5		1	5	
LEB 110211			70	74	59	31	67	48	63	56	72	74	59	59	45	31	43	48	78	-1.1	22.6	-1	2					
LEB 120286		T 090207 LEB 970582	100	88	124	116	119	128	118	123	104	88	78	124	94	85	85	70	115	120	106	96	93			2	6	
LEB 120286			64	59	63	28	52	41	53	47	64	59	62	63	45	28	40	46	53	-7.5	26.2	0	0					
LEB 130392		BOX050068 LEB 010044	89	82	89	114	67	60	67	61	87	82	134	89	81	88	78	69	65	76	85	92	90			5	14	
LEB 130392			74	71	73	35	58	48	62	55	75	71	70	73	58	35	52	59	64	2.7	14.9	-2	-2					
LEB 150471		LEB 120286 LEB 130337	103	89	148	104	131	138	126	133	107	89	79	148	97	94	94	65	119	133	109	123	114	86	29	17	37	3
LEB 150471			91	87	80	46	64	55	73	64	93	87	83	80	71	46	58	65	72	-10.7	28.3	13	16					
LEB 170546		T 100315 LEB 030235	102	93	100	88	110	97	83	89	99	93	111	100	85	112	94	84	109	118	92	109	102	11	3		1	
LEB 170546			74	64	54	29	46	39	53	46	78	64	56	54	48	29	49	54	44	-7.1	19.1	7	6					
LEB 170573		LEB 130392 LEB 150454	83	95	100	91	108	97	88	91	79	95	128	100	87	107	82	80	110	111	97	98	99	37	31	8	14	11
LEB 170573			85	83	69	40	52	48	66	57	89	83	67	69	70	40	66	74	61	-5.5	21.4	1	4					
LEB 170603		T 100315 LEB 130402	106	79	115	122	99	104	100	102	101	79	121	115	78	77	79	82	101	104	92	88	79	99	129	10	19	7
LEB 170603			90	91	74	47	59	54	73	64	93	91	74	74	78	47	62	69	69	-3.9	19.0	-4	-11					
LEB 190710		DN 130143 DN 130152	61	123	133	81	95	105	116	111	59	123	75	133	129	118	102	116	83	100	99	107	113	66	59	1	2	8
LEB190710			88	91	56	28	47	44	64	54	93	91	62	56	76	28	60	67	58	-3.0	22.6	5	15					
LEB 190749		DN 130143 LEB 100240	111	101	99	93	107	101	99	99	112	101	91	99	93	105	84	82	111	106	100	107	110	25	22	5	9	8
LEB190749			85	87	65	43	50	48	67	58	89	87	65	65	68	43	70	77	57	-4.2	23.3	5	13					
LEB 190758		GT 130019 NH 160071	79	119	117	86	108	113	119	116	81	119	93	117	117	113	112	128	106	113	97	115	111	65	39	3	4	6
LEB190758			89	89	62	40	54	49	68	58	94	89	62	62	70	40	69	78	63	-5.9	21.4	10	14					

Sires

Bull			Selection Values								Calf		Dam		Growth			Fertility				Frame		Measured Progeny						
ID	Index EBV Acc	Sire 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	Scrotal Circ.	Heifer Fertility	Cow Fertility	Long- evity	Height	Length	Birth wt	Wean wt	Dgt/Calvs.	Grwth Test			
																												Dam ID		
LEB 200153			LEB 170603		94	103	105	95	92	90	97	93	91	103	111	105	101	103	110	105	82	99	96	113	111	35	19			
RVS 160027																														
LEB200153			83	81	49	25	38	38	56	47	89	81	51	49	48	25	31	34	42	19	52	35	34							
LEB 220126			LEB 190710		80	120	112	87	104	108	116	113	85	120	78	112	122	112	108	106	85	104	113	108	111	5	1			
LEB 170568																														
LEB220126			76	73	48	22	37	36	52	44	81	73	49	48	62	22	39	43	42	21	49	43	42							
LEB 220144			T 100315		80	112	117	80	113	111	105	108	85	112	82	117	110	120	118	91	98	111	113	120	114					
BN 150221																														
LEB220144			71	72	58	29	46	41	56	48	74	72	57	58	60	29	41	45	48	33	56	45	44							
MCS 080458			MCS 040048		71	107	99	90	87	81	89	84	56	107	121	99	102	109	104	99	112	86	84	107	102		5	8	20	
EN 930009																														
MCS 080458			76	77	70	15	65	47	63	55	78	77	67	70	26	15	28	33	68	40	86	34	32							
NRF 180042			FF 080166		94	136	109	71	98	102	110	106	101	136	53	109	133	134	119	127	93	106	93	123	130	99	57	7	7	
NRF 050047																														
NRF 180042			91	90	68	48	60	53	72	62	94	90	74	68	80	48	41	45	68	41	72	46	45							
NRF 190129			NRF 090303		92	86	101	100	100	91	83	85	88	86	124	101	85	98	92	105	111	102	92	91	94	14	2			
NRF 150769																														
NRF 190129			81	64	55	33	47	40	54	47	85	64	60	55	49	33	32	38	50	28	62	39	37							
SS 110034			CS 060021		105	94	99	100	106	100	96	97	105	94	98	99	95	98	89	92	114	117	84	79	85		2	5		
SS 090017																														
SS 110034			53	52	54	37	55	40	51	46	53	52	51	54	37	37	25	32	56	31	79	30	29							
SW 090661			JS 980221		127	89	72	90	84	62	56	56	122	89	131	72	79	110		80	102	80			20	71	13	18		
SW 970001																														
SW 090661			78	86	71	46	68	55	72	64	80	86	68	71	70	46			10.8	-3.3	12.2									
T 090143			YZ 030009		121	83	126	110	76	84	87	85	117	83	112	126	87	90	85	100	82	85	81	96	88		13	1	4	
T 040007																														
T 090143			65	82	57	39	77	53	70	62	67	82	54	57	48	39	26	31	85	55	91	31	29							
T 100135			T 000070		121	85	64	121	78	67	74	68	116	85	128	64	82	82	73	72	87	92	75	76	70		1	4		
T 070158																														
T 100135			48	50	54	33	67	43	53	48	48	50	46	54	30	33	22	25	73	46	83	25	24							
T 100315			T 050264		109	99	89	90	111	98	88	92	110	99	92	89	90	110	97	61	103	125	91	108	91	94	74	64	176	25
T 020151																														
T 100315			94	93	93	56	75	63	82	72	95	93	92	93	84	56	81	87	80	59	85	87	86							

Sires

Bull			Selection Values								Calf		Dam		Growth			Fertility				Frame		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	Scrotal Circ.	Heifer Fertility	Cow Fertility	Long- evity	Height	Length	Birth wt	Wean wt	Dgt/Calvs.	Grwth Test	
T	120058	YZ 030009 T 040061	98	125	100	99	108	116	134	127	95	125	133	100	112	99	122	134	127	99	100	111	118	113	41	40	72	4
BIGGS T120058			93	92	87	59	81	64	83	74	95	92	86	87	70	59	46	54	92	59	92	56	53					
T	120424	T 021201 T 080231	112	70	121	112	56	58	61	57	132	70	85	121	78	89	90	84	57	70	75	105	84	13	11	6	7	3
T 120424			76	77	60	27	63	47	63	55	79	77	59	60	56	27	43	51	75	36	78	53	50					

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

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	
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
ID Number Name																									
VC 130003 78817038 OXFORD	13	LEB 100236 LEB 100335	92 43	109 39	91 33		71 46				88 0.73 44	119 -0.48 36		109 5.8 39	91 -1.2 33			99 3.4 25			71 18.2 56	89 -0.4 16	75 9.6 65		
JF 180021 86839123 JF180021		JA 100018 JF 130043	88 30	119 67	101 42	88 30	99 48	99 37	110 52	105 44	91 0.56 31	88 0.40 28	111 15 30	119 9.3 67	101 1.3 42	110 40 46	118 12.8 27	113 41 24	110 7.4 26	105 -10.4 51	100 -2.9 27	94 20.2 66	117 10 27	117 18 26	
LEB 220126 94644481 LEB220126		LEB 190710 LEB 170568	80 76	120 73	112 48	87 22	104 37	108 36	116 52	113 44	85 0.88 81	78 0.67 49	112 16 22	120 9.7 73	112 3.9 48	119 61 48	122 15.0 62	108 29 39	106 6.1 43	85 6.6 42	104 -3.8 21	113 29.9 49	108 6 43	111 13 42	
LEB 230065 95960282 LEB 230065		LEB 150471 BN 140041	112 72	85 70	131 54	106 24	126 42	131 38	112 53	122 46	112 -0.49 75	93 0.25 56	94 -1 24	85 -2.8 70	131 8.3 54	117 56 49	91 -0.8 40	94 -1 31	79 -4.2 35	122 -24.6 47	121 -7.7 28	113 30.1 51	107 6 36	106 10 34	
LEB 230070 95960316 LEB 230070		LEB 150471 NH 160061	99 72	103 71	134 55	88 28	111 42	118 39	113 54	116 46	104 -0.09 75	74 0.79 56	109 13 28	103 3.8 71	134 9.0 55	126 75 51	108 7.7 40	110 34 32	91 0.2 36	100 -6.4 47	112 -5.8 29	107 27.2 50	120 12 37	117 18 36	
LEB 240199 97477186 LEB 240199		JF 190091 LEB 180660	106 68	104 50	108 44	92 28	100 35	99 32	100 42	99 37	106 -0.17 73	99 0.09 41	106 11 28	104 4.0 50	108 2.8 44	106 32 41	99 3.1 28	103 19 29	98 2.9 32	83 7.5 37	107 -4.4 24	101 24.0 44	102 3 33	98 3 31	
LEB 240200 97477079 LEB 240200	1	JF 190091 LEB 170578	100 69	101 52	102 47	101 22	110 31	109 30	108 41	108 36	100 0.13 74	98 0.12 44	97 2 22	101 3.0 52	102 1.5 47	104 27 40	95 1.2 29	100 13 26	93 1.3 31	103 -8.7 35	111 -5.4 16	104 25.4 41	106 5 32	96 2 31	
LEB 240203 97472260 LEB 240203		LEB 150471 DN 160108	106 72	87 56	140 56	100 25	117 38	125 35	112 47	118 41	108 -0.25 75	88 0.39 56	96 2 25	87 -1.9 56	140 10.2 56	125 73 46	93 0.1 42	92 -6 38	91 0.2 43	111 -15.3 41	117 -6.8 25	108 27.4 48	110 7 44	107 11 42	
LEB 240211 97638084 LEB 240211		JF 190091 LEB 190732	103 68	100 52	113 39	94 20	107 33	106 29	104 41	105 35	102 0.01 74	102 0.00 37	103 8 20	100 2.6 52	113 4.1 39	109 38 37	95 1.2 33	102 16 24	90 0.0 27	97 -3.5 36	110 -5.3 22	103 24.7 41	108 6 28	102 7 27	
LEB 240224 97638167 LEB 240224		LEB 150471 LEB 140416	103 72	91 55	134 56	94 26	118 41	122 36	109 47	116 42	104 -0.06 75	94 0.21 56	102 6 26	91 -0.5 55	134 9.0 56	121 63 46	94 0.9 42	98 7 37	76 -5.5 42	115 -18.7 45	123 -8.4 28	99 22.9 49	121 12 43	118 19 41	
LEB 240227 97637979 LEB 240227	25	LEB 150471 LEB 130337	107 71	95 51	144 50	92 12	121 27	130 28	118 39	124 34	110 -0.36 74	81 0.59 54	104 8 12	95 1.0 51	144 11.2 50	131 86 38	100 3.9 25	103 18 6	69 -8.0 28	117 -20.7 38	129 -9.7 5	97 21.6 38	125 15 30	117 18 26	
LEB 240232 97638019 LEB 240232		JF 190091 LEB 200032	100 67	96 51	108 31	107 18	91 33	94 28	98 39	96 34	99 0.17 74	101 0.03 33	94 -1 18	96 1.2 51	108 3.0 31	107 33 33	94 0.9 31	97 6 19	97 2.5 23	88 3.9 36	92 -1.0 21	99 22.4 41	99 2 24	92 -1 22	

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Animal				Selection Values									Birth		Wean				Growth		Fertility				Frame	
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length		
ID Number Name																										
LEB 240234 97638035 LEB 240234		LEB 190758 DN 100029	111 72	107 59	111 51	90 25	100 37	101 34	104 47	103 40	109 -0.32 76	103 -0.04 51	108 12 25	107 5.2 59	111 3.6 51	111 42 45	110 8.6 44	106 26 41	129 14.7 45	99 -5.8 42	108 -4.8 23	91 18.6 47	103 3 46	101 6 44		
LEB 240260 98180953 LEB 240260		LEB 150471 NH 160027	92 72	101 56	141 55	89 34	110 43	118 38	114 49	117 44	94 0.41 75	91 0.31 57	107 11 34	101 3.0 56	141 10.7 55	131 87 48	104 5.9 44	102 16 33	88 -0.9 38	97 -4.1 48	114 -6.2 30	104 25.1 50	110 7 38	109 12 37		
LEB 240283 98181084 LEB 240283		LEB 150471 NH 160061	118 71	90 55	137 55	91 28	108 42	112 36	102 48	107 42	124 -1.09 74	72 0.83 56	105 9 28	90 -0.8 55	137 9.5 55	120 62 46	98 2.8 40	103 18 32	85 -2.0 36	101 -7.2 47	112 -5.6 29	102 24.0 49	114 9 37	110 13 36		
LEB 250304 98792294 LEB 250304	4	JAC 210244 FHG 210586	107 49	82 43	95 37	109 20	111 22	102 24	88 33	94 28	106 -0.19 52	99 0.07 36	93 -2 20	82 -3.7 43	95 -0.2 37	83 -18 33	86 -3.1 30		109 -13.7 27	104 -3.9 6	111 29.1 33					
LEB 250334 99161598 LEB 250334		JF 180021 LEB 170542	88 34	111 40	111 36	91 15	93 26	96 23	105 32	101 28	91 0.55 34	85 0.48 35	107 11 15	111 6.6 40	111 3.6 36	114 50 30	111 9.4 16	108 29 12	103 5.1 13	99 -5.8 25	95 -1.7 13	92 19.1 39	114 9 14	113 15 13		
LEB 250338 99161622 LEB 250338		LEB 220126 LEB 220137	87 51	116 50	106 32	92 15	107 26	110 25	118 36	115 30	89 0.67 55	90 0.33 32	106 10 15	116 8.4 50	106 2.5 32	115 51 32	116 11.7 40	101 15 25	106 6.0 28	101 -6.9 32	104 -3.8 14	109 27.8 33	106 5 28	104 8 27		
LEB 250340 99161648 LEB 250340		JF 180021 LEB 210004	91 40	116 45	101 38	95 22	106 36	108 28	117 38	113 33	92 0.54 41	97 0.14 34	103 8 22	116 8.2 45	101 1.2 38	111 43 35	113 10.2 25	110 34 20	117 10.3 23	116 -19.5 40	101 -3.2 22	100 23.2 45	109 6 23	111 13 22		
LEB 250345 99161697 LEB 250345	1	JF 180021 LEB 180660	99 39	114 47	106 43	87 28	104 36	104 30	107 40	106 35	101 0.05 39	88 0.40 39	112 16 28	114 7.6 47	106 2.4 43	110 40 39	111 9.1 28	111 36 27	102 4.6 29	93 -0.8 39	114 -6.1 24	96 20.8 46	113 8 30	110 13 29		
LEB 250347 99161705 LEB 250347		JF 190091 DN 170172	106 56	93 54	103 45	109 25	108 34	107 31	103 43	105 37	104 -0.07 58	104 -0.07 44	93 -2 25	93 0.2 54	103 1.6 45	100 18 41	92 -0.4 30	93 -3 26	100 3.6 30	108 -13.3 35	108 -4.9 23	100 23.2 44	99 2 30	96 2 29		
LEB 250348 99161713 LEB 250348		JF 190091 LEB 130373	98 54	104 50	107 44	98 21	98 36	99 30	105 41	102 36	97 0.27 57	105 -0.08 42	100 5 21	104 4.0 50	107 2.7 44	109 38 38	98 2.6 28	103 19 25	110 7.8 29	93 -0.1 38	105 -4.0 24	95 20.4 45	103 3 30	98 3 29		
LEB 250352 99340663 LEB 250352		JF 180021 LEB 160507	105 40	98 47	106 43	105 18	104 35	106 29	106 38	106 34	107 -0.23 40	86 0.45 40	95 0 18	98 2.1 47	106 2.3 43	106 31 36	102 4.8 26	91 -7 25	97 2.6 29	108 -13.2 37	104 -3.8 22	98 22.2 45	92 -2 30	97 3 29		
LEB 250353 99340671 LEB 250353	3	LEB 220126 LEB 220109	90 52	103 50	121 35	93 17	102 25	105 25	107 36	106 30	91 0.55 55	95 0.19 36	104 8 17	103 3.7 50	121 5.8 35	118 57 34	106 6.6 40	98 8 23	99 3.4 27	89 2.7 31	102 -3.4 11	107 27.0 34	98 1 27	99 4 26		

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

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		
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
LEB 250356 99340697 LEB 250356	14	LEB 220126 LEB 220046		64 48	126 49	129 14						69 1.64 54	79 0.64 20		126 11.7 49	129 7.7 14		129 18.5 38		109 7.3 10	91 0.9 17		114 30.8 21	116 10 13	119 20 8
LEB 250358 99340713 LEB 250358	14	LEB 220126 LEB 220098		68 48	123 49	120 15						73 1.46 54	79 0.65 20		123 10.7 49	120 5.7 15		125 16.3 38		107 6.5 12	92 0.5 18		113 30.2 21	113 9 14	117 18 10
LEB 250363 99340747 LEB 250363	2	LEB 220126 LEB 220017		84 51	115 50	110 32	92 15	102 24	106 24	114 35	110 30	87 0.75 55	87 0.41 32	106 10 15	115 7.7 50	110 3.3 32	116 54 32	116 11.8 42	103 18 24	101 4.3 28	90 1.7 31	102 -3.2 10	108 27.4 32	106 5 29	105 9 27
LEB 250365 99340762 LEB 250365		JF 180021 LEB 210008		89 38	117 42	99 33	94 22	100 35	101 27	113 36	108 32	89 0.64 40	97 0.15 31	104 9 22	117 8.6 42	99 0.7 33	110 40 32	113 10.4 22	108 29 16	111 7.8 19	107 -12.3 39	95 -1.6 22	101 23.8 44	108 6 19	110 13 18
LEB 250366 99340770 LEB 250366	7	LEB 220126 LEB 220161		88 52	112 45	106 37	91 13	109 24	109 24	112 33	111 28	92 0.54 55	84 0.50 37	107 11 13	112 7.0 45	106 2.5 37	111 43 32	109 8.3 36	105 22 26	98 3.1 30	100 -6.6 30	109 -5.0 8	106 26.2 33	106 5 31	103 8 30
LEB 250367 99340788 LEB 250367	18	LEB 220126 LEB 220045		71 46	115 49							76 1.32 54	83 0.52 8		115 7.8 49			120 13.6 36			87 4.6 7		108 27.3 19		
LEB 250368 99340796 LEB 250368	1	JF 180021 LEB 170578		95 41	110 49	101 46	95 21	114 32	113 29	115 39	114 34	98 0.23 41	86 0.45 42	102 7 21	110 6.3 49	101 1.1 46	107 34 39	106 7.0 29	108 30 24	98 3.0 29	113 -17.0 38	118 -7.1 16	98 22.2 43	117 10 30	109 12 28
LEB 250369 99340804 LEB 250369		LEB 190758 LEB 180645		84 58	112 56	136 48	84 26	127 37	134 33	126 45	131 39	85 0.87 60	95 0.19 49	114 17 26	112 6.9 56	136 9.5 48	132 87 43	112 10.0 43	113 41 43	111 8.1 48	116 -19.3 44	128 -9.4 23	110 28.6 44	121 12 49	119 19 47
LEB 250372 99569121 LEB 250372		JF 180021 LEB 180647		91 40	108 47	115 43	88 26	119 36	118 30	113 40	116 35	93 0.48 40	90 0.34 40	110 14 26	108 5.6 47	115 4.5 43	113 47 39	109 8.0 28	108 29 21	99 3.5 24	111 -15.8 40	120 -7.5 23	107 26.7 44	118 11 25	118 18 24
LEB 250374 99569147 LEB 250374	3	LEB 220126 LEB 220120		82 51	113 50	102 35	103 14	104 24	109 24	120 35	115 30	84 0.92 54	94 0.22 35	96 1 14	113 7.2 50	102 1.5 35	114 49 33	111 9.1 40	97 5 20	98 3.0 24	92 0.8 31	104 -3.8 7	107 27.1 33	101 2 25	100 5 23
LEB 250376 99569162 LEB 250376		JF 180021 LEB 170551		107 40	96 48	100 45	92 23	97 35	90 30	87 40	88 35	103 -0.03 40	117 -0.42 41	106 10 23	96 1.4 48	100 1.1 45	94 6 39	95 1.4 30	97 5 22	91 0.3 25	99 -5.4 39	98 -2.5 22	97 21.7 45	108 6 26	108 11 25
LEB 250377 99569170 LEB 250377	1	JF 180021 LEB 170589		96 40	110 46	95 41	89 21	102 36	96 29	98 38	96 34	98 0.22 40	90 0.35 40	110 14 21	110 6.0 46	95 -0.1 41	98 14 36	108 7.8 29	104 21 24	92 0.9 27	98 -4.2 39	107 -4.6 23	96 21.3 45	111 7 27	105 9 26

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

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	
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length		
ID Number Name																										
LEB 250379 99569188 LEB 250379		LEB 220126 LEB 170574	91 52	105 49	117 45	91 20	103 30	105 28	105 39	105 34	90 0.63 54	108 -0.17 44	107 11 20	105 4.3 49	117 5.0 45	114 49 38	105 6.4 38	103 19 26	100 3.8 30	81 9.5 33	106 -4.3 19	110 28.7 37	109 7 31	113 15 29		
LEB 250384 99569204 LEB 250384		LEB 190758 LEB 190732	88 57	112 56	119 44	88 23	115 36	118 32	117 44	118 38	89 0.67 60	94 0.21 45	110 14 23	112 6.8 56	119 5.5 44	120 62 41	108 7.5 46	109 32 39	104 5.2 43	107 -12.3 42	123 -8.4 23	98 22.1 43	119 11 44	112 14 43		
LEB 250389 99569220 LEB 250389		JF 180021 LEB 210005	89 40	118 44	105 35	89 22	109 36	110 28	116 37	114 32	88 0.73 41	105 -0.09 33	109 13 22	118 8.9 44	105 2.1 35	113 46 34	112 9.9 24	113 41 20	115 9.5 23	115 -18.7 40	104 -3.9 22	103 25.0 45	117 11 24	118 19 23		
LEB 250390 99569238 LEB 250390		JF 180021 LEB 200032	94 38	106 47	107 29	98 18	95 34	97 26	105 36	101 31	96 0.33 40	90 0.34 31	99 4 18	106 4.6 47	107 2.6 29	110 40 31	106 6.7 31	105 23 17	101 4.2 19	98 -4.3 38	99 -2.6 20	93 19.2 43	110 7 20	105 9 19		
LEB 250392 99569246 LEB 250392		JF 180021 LEB 210030	94 41	116 50	98 37	91 20	111 33	110 28	115 39	113 34	96 0.32 42	88 0.38 35	108 12 20	116 8.4 50	98 0.6 37	107 34 36	112 9.9 24	102 17 22	96 2.4 24	115 -18.4 38	111 -5.4 20	100 23.2 42	111 7 25	112 14 24		
LEB 250396 99569253 LEB 250396	1	JF 180021 LEB 180629	98 40	106 47	119 43	94 25	115 34	119 29	117 39	119 34	100 0.12 40	89 0.36 40	103 7 25	106 4.6 47	119 5.5 43	119 60 38	106 6.9 26	109 32 23	94 1.4 26	109 -14.1 37	117 -6.9 22	103 24.9 43	122 13 27	117 18 26		
LEB 250410 99735771 LEB 250410	1	JF 180021 LEB 190748	107 41	100 50	100 41	89 24	107 36	98 30	92 41	94 36	108 -0.27 42	90 0.34 38	110 14 24	100 2.8 50	100 0.9 41	95 7 38	102 4.5 34	98 8 24	88 -0.9 27	106 -11.0 39	109 -4.9 23	99 22.8 45	106 5 27	100 5 26		
LEB 250411 99735789 LEB 250411		LEB 220144 MII 160403	99 49	98 48	93 47	100 22	99 30	93 29	94 39	93 34	97 0.28 50	110 -0.24 46	98 3 22	98 1.9 48	93 -0.6 47	93 2 39	93 0.3 36	98 7 21	86 -1.5 23	91 0.9 32	99 -2.7 20	104 25.6 38	102 3 23	97 3 22		
LEB 250414 99735797 LEB 250414	3	LEB 220126 LEB 220063	87 51	110 50	115 34	96 14	104 24	109 24	116 35	113 30	89 0.67 54	91 0.32 35	101 6 14	110 6.2 50	115 4.5 34	120 62 33	110 8.9 40	104 21 23	106 6.1 27	84 7.3 30	106 -4.2 9	110 28.3 33	107 5 27	106 10 26		
LEB 250415 99735805 LEB 250415		JF 180021 FB 200037	102 28	106 37	97 26	96 17	97 34	94 24	100 31	96 28	103 -0.01 28	94 0.21 28	102 7 17	106 4.6 37	97 0.2 26	100 18 27	104 6.0 18	102 15 12	96 2.4 14	99 -5.4 38	93 -1.2 21	102 24.1 44	105 4 14	105 9 14		
LEB 250427 99735839 LEB 250427		LEB 220144 LEB 120271	105 51	100 49	104 48	99 24	105 36	104 31	104 42	103 36	105 -0.11 52	98 0.11 48	98 3 24	100 2.5 49	104 1.9 48	103 25 40	95 1.3 38	101 15 30	91 0.2 33	102 -7.7 39	108 -4.7 25	100 23.4 44	118 11 33	108 11 32		
LEB 250441 99954141 LEB 250441		NRF 180042 LEB 210022	86 58	127 57	103 44	86 31	99 40	103 34	118 46	111 40	87 0.75 60	94 0.22 48	113 17 31	127 12.0 57	103 1.8 44	116 54 44	121 14.4 44	113 41 23	121 11.9 26	103 -8.6 46	97 -2.1 27	101 23.5 47	111 8 27	118 19 26		

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

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	
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
LEB 250444 99954158 LEB 250444		1	NRF 180042 LEB 190712	103 59	107 58	127 49	80 31	117 39	118 35	107 47	112 41	109 -0.31 61	69 0.92 50	120 23 31	107 5.0 58	127 7.2 49	117 55 46	110 8.6 50	103 18 27	102 4.6 30	106 -10.9 45	120 -7.5 27	106 26.5 45	115 10 31	117 18 30
LEB 250450 99951428 LEB 250450			LEB 220144 NH 160027	93 54	108 50	125 47	80 28	101 36	102 32	99 43	100 38	95 0.37 55	90 0.34 49	120 23 28	108 5.6 50	125 6.7 47	116 54 42	108 7.5 40	114 42 26	101 4.1 29	87 4.9 40	103 -3.6 26	105 26.1 43	108 6 29	108 11 28
LEB 250452 99953960 LEB 250452			LEB 220144 LEB 100240	108 53	98 50	111 48	92 23	103 35	100 31	96 42	97 36	109 -0.30 54	94 0.22 49	106 10 23	98 1.7 50	111 3.5 48	103 26 40	94 0.9 38	98 8 30	87 -1.0 33	105 -10.7 38	101 -3.2 23	101 23.6 44	113 8 34	106 10 33
LEB 250454 99954166 LEB 250454		1	NRF 180042 LEB 140420	87 59	122 57	119 52	78 28	103 41	107 35	110 48	109 42	92 0.51 60	78 0.67 54	124 27 28	122 10.5 57	119 5.4 52	120 62 46	118 12.7 48	123 62 30	136 17.6 33	101 -7.1 47	109 -4.9 28	95 20.6 49	116 10 34	122 21 33
LEB 250458 99954182 LEB 250458			NRF 180042 BN 140132	103 58	110 58	105 49	89 22	105 40	104 34	106 46	105 40	107 -0.22 59	79 0.63 53	110 14 22	110 6.2 58	105 2.2 49	107 34 43	111 9.1 44	101 14 25	91 0.4 29	110 -14.5 45	108 -4.8 25	94 20.2 49	97 1 30	107 10 28
LEB 250464 6020016835 LEB 250464		1	NRF 180042 LEB 160486	107 58	114 56	97 51	80 30	97 40	90 35	91 47	90 41	111 -0.41 59	80 0.61 52	122 25 30	114 7.4 56	97 0.3 51	98 13 46	110 8.7 46	103 18 29	94 1.5 32	95 -2.4 45	102 -3.4 28	94 20.2 47	109 7 32	110 13 32
LEB 250469 6020069263 LEB 250469		1	NRF 180042 LEB 150479	99 58	117 56	99 51	79 30	99 40	94 35	94 47	93 41	104 -0.08 59	74 0.79 53	124 27 30	117 8.7 56	99 0.7 51	101 20 46	115 11.2 48	108 30 31	102 4.7 34	92 0.6 45	109 -5.0 28	93 19.4 48	115 9 35	113 15 34
LEB 250470 6020069271 LEB 250470			NRF 180042 MII 160166	91 57	117 54	102 50	86 30	105 37	103 34	107 45	105 40	97 0.26 58	71 0.87 51	114 18 30	117 8.5 54	102 1.4 50	107 34 45	115 11.2 44	99 9 28	103 5.0 32	99 -5.5 41	109 -5.0 23	99 22.4 48	97 1 33	102 7 31
LEB 260486 6020391584 LEB 260486		1	JF 180021 LEB 170570	101 40	109 48	97 43	96 25	101 36	100 30	107 40	103 35	103 -0.04 40	87 0.42 40	102 6 25	109 5.8 48	97 0.3 43	103 25 39	106 6.9 30	102 16 29	93 0.9 32	102 -7.6 39	102 -3.3 24	99 22.9 45	109 7 33	107 10 32
LEB 260492 6020391618 LEB 260492		1	JF 180021 T 160289	104 37	102 45	87 42	108 21	95 35	93 28	100 38	96 33	102 0.02 37	106 -0.12 39	93 -1 21	102 3.5 45	87 -2.0 42	93 4 36	100 3.8 24	92 -5 10	92 0.8 13	98 -4.9 39	98 -2.3 21	94 19.8 45	97 1 13	94 1 12
LEB 260496 6020391634 LEB 260496			JF 180021 DN 100029	115 44	107 52	103 46	91 21	96 36	95 31	100 42	97 36	113 -0.55 44	101 0.04 43	107 11 21	107 5.1 52	103 1.7 46	105 28 40	110 8.8 32	107 27 25	120 11.3 27	99 -5.3 38	102 -3.3 22	90 18.0 47	104 4 28	104 8 27
LEB 260498 6020624679 LEB 260498			JF 180021 DN 120079	96 45	118 52	103 47	93 28	98 37	102 32	116 43	109 38	101 0.08 45	74 0.78 43	104 9 28	118 9.0 52	103 1.8 47	114 50 42	120 13.8 32	107 26 28	111 7.9 30	98 -4.8 40	99 -2.7 24	98 22.1 47	108 6 31	109 12 30

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

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	
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
ID Number Name																									
LEB 260507 6020624687 LEB 260507		JF 180021 LEB 170542	88 34	111 40	111 36	91 15	93 26	96 23	105 32	101 28	91 0.55 34	85 0.48 35	107 11 15	111 6.6 40	111 3.6 36	114 50 30	111 9.4 16	108 29 12	103 5.1 13	99 -5.8 25	95 -1.7 13	92 19.1 39	114 9 14	113 15 13	
LEB 260527 6020846751 LEB 260527	1	JF 180021 LEB 190783	95 41	112 50	97 41	81 24	102 35	94 30	92 40	92 35	98 0.22 42	85 0.47 38	121 24 24	112 6.9 50	97 0.4 41	98 13 38	110 8.8 34	106 25 23	93 1.3 25	101 -6.7 38	106 -4.3 23	96 21.2 44	112 8 26	108 11 25	
LEB 260530 6020846777 LEB 260530	1	JF 180021 LEB 180660	99 39	114 47	106 43	87 28	104 36	104 30	107 40	106 35	101 0.05 39	88 0.40 39	112 16 28	114 7.6 47	106 2.4 43	110 40 39	111 9.1 28	111 36 27	102 4.6 29	93 -0.8 39	114 -6.1 24	96 20.8 46	113 8 30	110 13 29	
LEB 260531 6020846785 LEB 260531	1	JF 180021 LEB 170577	75 41	121 48	112 45	86 23	117 36	120 30	122 40	122 35	81 1.06 41	73 0.81 42	113 17 23	121 10.0 48	112 3.9 45	119 61 39	118 12.5 31	118 51 27	106 6.0 31	113 -17.1 39	121 -7.8 23	101 23.8 45	122 13 32	120 20 30	
LEB 260532 6020846801 LEB 260532	1	JF 180021 LEB 220062	97 39	107 49	98 36	95 20	110 35	106 28	108 38	107 33	98 0.23 40	93 0.24 32	103 8 20	107 5.2 49	98 0.6 36	102 23 35	105 6.4 34	100 11 24	83 -2.9 27	115 -18.3 39	110 -5.2 21	98 22.3 44	102 3 28	101 5 27	
LEB 260533 6020846793 LEB 260533		JF 180021 LEB 210004	91 40	116 45	101 38	95 22	106 36	108 28	117 38	113 33	92 0.54 41	97 0.14 34	103 8 22	116 8.2 45	101 1.2 38	111 43 35	113 10.2 25	110 34 20	117 10.3 23	116 -19.5 40	101 -3.2 22	100 23.2 45	109 6 23	111 13 22	
LEB 260535 6020846819 LEB 260535		NRF 180042 DN 160108	90 60	114 58	119 52	83 27	101 37	104 34	106 47	105 40	95 0.37 61	77 0.70 53	117 20 27	114 7.6 58	119 5.4 52	118 57 46	113 10.4 46	104 22 33	122 12.1 37	98 -4.4 40	103 -3.6 24	100 23.0 47	110 7 38	115 17 36	
LEB 260537 6020846835 LEB 260537	1	NRF 180042 LEB 130373	92 58	123 56	109 50	83 27	102 41	105 35	112 47	109 41	97 0.26 59	76 0.73 53	117 21 27	123 10.6 56	109 3.2 50	116 54 44	117 12.4 47	114 43 29	124 12.9 32	97 -3.5 46	115 -6.4 28	88 16.8 48	117 10 33	117 18 32	
LEB 260538 6020838410 LEB 260538	3	LEB 220126 LEB 230099	98 52	110 51	119 37	92 15	111 26	117 25	119 37	118 31	102 0.04 55	80 0.61 37	105 9 15	110 6.1 51	119 5.4 37	121 64 34	115 11.1 38	101 13 26	99 3.4 29	100 -6.4 32	111 -5.4 12	108 27.6 35	108 6 30	109 11 29	
LEB 260541 6020846850 LEB 260541		JF 180021 LEB 160507	105 40	98 47	106 43	105 18	104 35	106 29	106 38	106 34	107 -0.23 40	86 0.45 40	95 0 18	98 2.1 47	106 2.3 43	106 31 36	102 4.8 26	91 -7 25	97 2.6 29	108 -13.2 37	104 -3.8 22	98 22.2 45	92 -2 30	97 3 29	

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

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	
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																								
DN 100029 71382444 DN 100029		AW 030002 DN 930131	115 83	95 80	105 82	95 30	93 53	89 48	91 65	89 56	136 -1.65 83	114 -0.33 81	103 7 30	95 1.0 80	105 2.2 82	99 16 64	102 4.9 57	101 14 44	130 15.1 48	93 -0.2 58	103 -3.7 35	86 15.8 66	90 -3 48	91 -2 47
DN 110020 73238354 DN 110020		AW 040007 DN 970499	72 80	97 68	116 76	89 26	106 48	101 43	94 58	97 50	74 1.39 81	95 0.20 78	108 13 26	97 1.5 68	116 4.8 76	107 33 57	98 2.8 54	91 -8 37	99 3.4 44	115 -18.8 56	118 -7.2 27	82 13.7 62	82 -7 45	89 -3 43
DN 110043 73842411 DN 110043		AW 030002 DN 020019	118 83	105 80	105 83	95 45	97 54	98 51	104 68	101 60	118 -0.77 83	93 0.24 82	102 7 45	105 4.5 80	105 2.1 83	106 32 69	112 9.9 56	96 2 49	121 11.8 54	110 -14.4 58	101 -3.1 36	89 17.0 68	98 1 55	101 6 53
DN 120079 75745711 DN 120079		AW 030002 DN 060009	104 84	117 80	105 83	100 46	97 56	105 52	122 69	114 60	110 -0.39 84	61 1.15 82	98 3 46	117 8.7 80	105 2.3 83	119 60 70	122 14.9 57	100 12 51	112 8.4 55	91 0.9 63	98 -2.4 39	101 24.0 67	99 1 56	101 6 54
LEB 120271 75519009 LEB 120271		FF 060158 LUC 050008	126 74	87 66	91 76	124 36	98 54	99 46	102 60	100 53	125 -1.11 74	114 -0.34 77	77 -17 36	87 -2.0 66	91 -1.1 76	91 -1 59	81 -6.0 44	85 -21 44	90 -0.1 50	106 -10.9 60	104 -3.8 37	88 16.6 66	116 10 51	102 6 49
EW 130058 78606738 EW1358		A 080085 GJ 050057	112 74	103 74	49 83	122 60	106 55	95 53	102 68	98 60	108 -0.26 74	132 -0.87 75	82 -12 60	103 3.8 74	49 -10.9 83	64 -61 72	92 -0.4 60	87 -16 32	86 -1.4 36	122 -24.7 60	106 -4.3 38	91 18.5 66	77 -10 37	82 -9 36
LEB 130373 78901824 LEB 130373	1	LEB 100331 LEB 040404	94 72	110 66	110 73	97 29	105 56	109 45	115 59	113 52	94 0.44 72	100 0.06 75	100 5 29	110 6.0 66	110 3.3 73	116 52 56	102 4.5 50	109 31 41	120 11.5 47	100 -6.4 63	123 -8.3 40	83 14.1 65	111 7 48	104 8 46
LEB 130401 78903093 LEB 130401		LEB 100273 TTT 980015	121 74	93 68	108 79	101 25	92 55	91 45	93 60	91 52	119 -0.82 74	100 0.05 77	97 2 25	93 0.3 68	108 2.8 79	102 23 57	94 0.7 38	92 -5 46	82 -3.2 53	90 2.0 62	108 -4.8 37	81 13.0 65	89 -3 55	97 2 52
BN 140046 79394912 BN 140046		BN 090714 CSN020012M	111 70	89 65	87 73	118 27	108 53	104 44	99 57	101 50	111 -0.43 69	95 0.19 73	85 -9 27	89 -1.1 65	87 -2.1 73	86 -13 55	91 -0.6 43	90 -11 19	89 -0.6 22	112 -16.3 60	112 -5.7 33	94 20.1 66	97 1 22	89 -4 21
BN 140131 80529142 BN 140131	13	CSN100201N CSN100011N	115 70	76 71	129 68		104 47				117 -0.71 69	84 0.50 74		76 -5.9 71	129 7.7 68		87 -2.7 14	91 -8 17	103 4.8 31	120 -23.3 57	106 -4.3 21	88 16.7 64	84 -6 33	93 0 29
BN 140132 80529159 BN 140132	6	CSN100201N CSN090098N	115 71	85 72	102 72		112 51		101 56		113 -0.52 70	106 -0.13 75		85 -2.8 72	102 1.4 72	95 7 49	89 -2.0 32	83 -25 28	55 -13.4 37	127 -28.4 59	110 -5.3 28	96 20.8 65	72 -12 39	84 -7 35
LEB 140416 80009335 LEB 140416		LEB 100273 LEB 030235	115 74	89 68	118 79	88 24	106 51	100 44	87 59	92 52	112 -0.48 74	107 -0.15 77	110 14 24	89 -1.3 68	118 5.3 79	102 22 57	89 -1.9 43	102 15 50	86 -1.5 58	111 -15.1 56	114 -6.1 34	89 17.5 64	119 11 60	123 22 57

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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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																								
LEB 140420 80009475 LEB 140420		LEB 110211 LEB 000513	84 76	109 71	129 79	84 29	108 57	112 47	110 62	112 54	83 0.95 76	104 -0.05 79	114 18 29	109 5.9 71	129 7.8 79	123 70 60	103 5.1 52	127 71 43	145 20.9 50	109 -13.6 66	111 -5.4 39	97 21.7 67	110 7 51	113 15 49
LEB 140434 81173726 LEB 140434	1	T 100315 HHN 980040	121 76	83 69	87 75	101 35	106 56	91 47	79 61	84 54	132 -1.45 76	125 -0.66 78	98 3 35	83 -3.4 69	87 -2.0 75	76 -35 60	78 -7.5 56	87 -17 41	75 -5.7 44	102 -7.7 62	123 -8.3 42	84 14.6 64	89 -3 45	83 -8 44
LEB 140447 81173932 LEB 140447		T 100315 LEB 980047	109 75	94 68	112 78	94 39	81 55	80 48	84 62	81 55	107 -0.20 74	109 -0.19 78	103 7 39	94 0.6 68	112 3.7 78	103 26 62	89 -1.5 51	96 2 40	77 -4.9 43	72 16.9 61	96 -1.9 40	86 15.4 63	103 4 44	93 0 43
BN 150197 81891608 BN 150197		MCS 080458 CSN020213	96 70	91 62	90 71	95 7	93 49	79 38	76 52	75 45	92 0.50 69	132 -0.85 72	104 8 7	91 -0.6 62	90 -1.4 71	82 -22 47	85 -3.9 22	86 -18 31	79 -4.1 38	98 -4.5 56	86 0.4 31	103 24.6 61	100 2 39	95 1 36
LEB 150451 81173999 LEB 150451		T 100315 LEB 030719	101 76	100 69	106 78	87 32	99 54	92 46	87 61	88 54	103 -0.01 75	88 0.40 79	113 16 32	100 2.7 69	106 2.3 78	98 15 60	99 3.2 50	105 23 51	82 -3.2 57	96 -2.6 59	111 -5.5 39	88 16.5 64	119 11 58	109 12 56
LEB 150479 82873829 LEB 150479		T 100315 JSN100130	107 73	99 66	89 76	87 31	100 53	86 45	79 59	81 52	107 -0.23 73	95 0.19 75	114 17 31	99 2.2 66	89 -1.6 76	83 -18 58	97 2.3 53	97 6 48	78 -4.8 53	90 1.8 59	112 -5.6 39	93 19.3 62	107 5 54	96 2 52
ANS 160146 84660067 ANS 160146		GMD 070220 ANS 050213	118 76	82 66	96 77	107 44	84 50	77 46	75 61	74 54	113 -0.53 75	130 -0.80 78	94 -1 44	82 -3.7 66	96 0.0 77	84 -17 62	87 -2.9 42	93 -3 32	107 6.6 38	103 -8.4 51	79 2.1 34	93 19.3 66	94 -1 39	102 6 37
DN 160108 83859066 DN 160108	1	LEB 090669 DN 120118	89 76	92 72	129 78	97 24	104 43	108 42	103 58	105 50	89 0.66 76	102 0.01 77	99 4 24	92 -0.1 72	129 7.7 78	118 58 58	94 0.5 48	90 -10 52	116 10.0 59	102 -8.3 41	100 -2.8 27	106 26.5 61	97 0 60	101 6 58
LEB 160486 83486951 LEB 160486		T 100315 LEB 130351	124 72	91 68	85 77	90 34	96 53	80 46	72 60	74 53	121 -0.90 71	108 -0.17 74	109 13 34	91 -0.5 68	85 -2.6 77	76 -34 60	87 -2.8 50	86 -19 43	60 -11.3 47	98 -4.3 58	98 -2.5 39	96 20.8 62	96 0 47	90 -3 46
LEB 160506 84430180 LEB 160506		T 100315 LEB 120712	104 74	100 70	92 78	100 34	110 55	103 47	101 62	102 54	105 -0.13 74	91 0.31 77	99 3 34	100 2.6 70	92 -0.9 78	93 3 61	95 1.1 56	91 -8 46	79 -4.2 50	110 -14.5 61	113 -5.9 40	98 22.2 63	101 3 51	94 0 50
LEB 160507 83682872 LEB 160507		LEB 120286 LEB 130333	121 74	78 67	110 75	121 20	109 50	112 42	102 57	107 50	123 -1.02 74	84 0.50 76	79 -15 20	78 -5.1 67	110 3.4 75	101 20 54	86 -3.1 45	70 -55 46	84 -2.3 53	112 -16.1 55	108 -4.6 34	102 24.2 60	68 -14 54	77 -13 52
LEB 170542 89860118 LEB17542			88 61	104 44	121 59		87 15		101 33		92 0.53 60	82 0.56 65		104 3.9 44	121 6.0 59	119 59 35	105 6.0 15					90 18.0 42		

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ID Number Name	% Inbreeding Sire ID Dam ID																							
MII 160166 84663137 MII 160166	SS 110034 MII 110144	91 67	98 60	94 72	108 33	111 43	107 41	104 53	105 47		93 0.45 66	90 0.34 70	94 -1 33	98 1.8 60	94 -0.3 72	96 9 55	97 23 40	79 -35 38	79 -4.2 46	105 -10.5 45	112 -5.7 22	104 25.4 61	72 -12 47	75 -14 44
MII 160403 85114387 MII 160403	CS 100303	111 70	83 64	70 77	126 30	86 41	77 41	83 55	79 48		109 -0.31 69	138 -1.03 74	76 -17 30	83 -3.2 64	70 -6.0 77	68 -52 57	76 -8.1 40	78 -37 8	81 -3.4 9	85 6.2 43	87 0.2 25	96 20.9 54	84 -6 9	80 -10 9
NH 160027 84230382 NH 160027	BN 090561 BN 110267	106 81	105 70	133 76	80 50	88 58	93 50	92 65	91 58		105 -0.14 81	97 0.12 80	120 23 50	105 4.2 70	133 8.6 76	120 61 65	105 6.5 52	110 33 33	110 7.7 37	75 14.2 65	95 -1.7 44	98 22.0 66	97 0 38	103 8 36
NH 160058 84592013 NH 160058	BN 090561 NH 120312	98 74	108 58	115 66	84 31	84 44	85 40	91 52	87 46		104 -0.10 73	67 1.00 76	115 19 31	108 5.5 58	115 4.4 66	110 41 52	112 9.8 46	107 28 37	105 5.7 43	91 0.9 42	92 -0.9 29	85 15.1 62	100 2 44	100 5 42
NH 160061 84592047 NH 160061	BN 090561 NH 130011	103 74	104 66	123 75	83 34	85 55	87 46	90 60	87 53		108 -0.28 73	74 0.80 76	116 20 34	104 4.0 66	123 6.3 75	114 48 58	108 7.7 40	111 37 27	105 5.7 31	83 7.9 60	90 -0.5 40	94 19.8 65	106 5 31	106 10 30
NH 160071 84638717 NH 160071	DH 110016 LRC 140055	91 74	122 68	123 72	94 25	115 51	128 43	138 58	135 50		96 0.31 74	76 0.73 76	103 7 25	122 10.4 68	123 6.3 72	135 95 55	123 15.4 52	120 55 38	129 15.0 43	99 -5.3 58	119 -7.4 34	107 27.2 61	122 13 43	122 21 42
T 160116 84053560 T 160116	T 090143 T 090161	116 72	88 66	107 74	107 43	88 56	88 48	88 61	87 54		112 -0.46 71	114 -0.34 74	94 -1 43	88 -1.5 66	107 2.5 74	98 15 61	85 -3.9 44	94 -1 39	119 11.0 47	94 -1.2 61	94 -1.6 40	87 16.4 66	112 8 48	101 6 45
T 160145 84184225 T 160145	LEB 060108 T 110145	118 74	55 74	133 78	122 42	98 59	100 50	81 65	89 58		115 -0.60 74	110 -0.24 74	76 -17 42	55 -13.2 74	133 8.7 78	103 25 65	63 -14.8 54	79 -35 42	79 -4.3 48	107 -12.0 68	89 -0.2 42	105 25.9 67	54 -21 49	52 -31 47
T 160289 84376383 T 160289	T 100135 T 130466	119 70	86 60	73 72	125 31	91 52	85 43	90 56	86 50		113 -0.53 69	124 -0.64 73	76 -17 31	86 -2.4 60	73 -5.2 72	74 -40 54	82 -5.2 42	71 -51 14	75 -5.8 15	92 0.6 59	95 -1.7 36	93 19.4 62	78 -9 16	72 -16 15
DN 170172 86551843 DN 170172	LEB 090669 DN 060033	108 77	88 76	101 76	116 38	125 52	124 48	110 64	117 56		108 -0.26 77	99 0.07 79	86 -8 38	88 -1.6 76	101 1.2 76	97 12 63	89 -1.6 54	89 -12 43	99 3.2 47	132 -32.7 54	131 -10.1 38	94 19.8 63	104 4 48	100 5 47
LEB 170551 85078343 LEB 170551	LEB 130392 LEB 140416	117 75	74 70	100 80	97 34	96 52	80 46	65 61	70 54		115 -0.63 74	146 -1.24 78	101 6 34	74 -6.6 70	100 0.9 80	78 -30 61	73 -9.9 55	81 -30 38	72 -6.8 44	93 -0.3 60	96 -2.0 35	100 23.2 60	98 1 45	100 5 43
LEB 170570 85942613 LEB 170570	T 100315 LEB 120712	114 75	99 68	93 75	109 38	104 53	103 46	103 61	103 54		115 -0.65 75	87 0.43 76	93 -2 38	99 2.3 68	93 -0.7 75	95 8 60	95 1.1 56	91 -8 54	76 -5.5 60	98 -4.8 58	103 -3.6 40	104 25.5 61	101 3 61	97 2 59

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ID	Sire ID																							
Number	Dam ID																							
Name	% Inbreeding																							
LEB 170574	LEB 130392	97	90	122	95	102	101	94	97		95	138	102	90	122	109	88	99	94	78	108	108	110	114
85942654	LEB 150463	72	66	77	37	50	45	59	52		0.38	-1.02	6	-1.0	6.1	38	-2.2	10	1.5	12.4	-4.8	27.4	7	16
LEB 170574											71	75	37	66	77	60	46	40	46	57	34	58	47	45
LEB 170577	T 100315	63	123	124	83	135	138	135	138		71	58	116	123	124	128	117	122	102	121	142	108	127	123
86488293	LEB 150457	77	70	79	33	53	47	61	54		1.57	1.23	19	10.7	6.5	81	12.3	61	4.6	-23.7	-12.6	27.4	15	22
LEB 170577											76	80	33	70	79	61	56	51	57	59	40	61	58	56
LEB 170578	T 100315	102	102	100	106	128	128	120	125		104	84	94	102	100	104	95	104	86	121	135	102	117	101
86488301	LEB 140435	76	71	81	37	45	45	60	52		-0.10	0.50	0	3.4	1.0	27	1.1	20	-1.4	-23.6	-11.2	24.1	11	6
LEB 170578											76	79	37	71	81	63	52	44	52	56	24	55	54	51
LEB 170586	T 100315	114	73	51	120	111	84	68	74		134	142	84	73	51	42	64	58	45	118	112	96	75	61
86488384	VEN 050023	76	70	79	46	53	49	63	56		-1.58	-1.14	-10	-7.0	-10.5	-108	-14.6	-80	-17.2	-20.9	-5.7	21.0	-11	-25
LEB 170586											75	79	46	70	79	65	51	42	45	58	38	62	46	45
LEB 170589	T 100315	104	100	89	89	105	92	86	88		105	92	110	100	89	86	98	96	75	90	115	98	104	93
86488400	JSN100130	74	63	71	27	52	43	56	50		-0.12	0.29	14	2.8	-1.5	-11	2.9	2	-5.6	2.1	-6.3	22.4	4	0
LEB 170589											73	76	27	63	71	54	51	43	48	58	39	60	48	47
LEB 170596	T 100315	126	81	72	101	102	81	67	72		120	123	98	81	72	60	71	81	78	112	106	90	83	76
86488467	LEB 060199	76	66	74	42	55	47	61	54		-0.87	-0.59	3	-4.2	-5.5	-69	-10.8	-30	-4.5	-16.0	-4.3	18.1	-6	-13
LEB 170596											75	79	42	66	74	61	48	48	52	61	42	63	52	51
SW 170951	SW 090661	117	91	82	90	93	75	68	69		112	116	110	91	82	74	85	95	83	84	95	101	107	93
87127767	SW 100951	72	68	78	49	43	45	60	52		-0.49	-0.41	14	-0.5	-3.1	-39	-3.8	0	-2.7	6.7	-1.7	23.9	6	0
SW170951											72	75	49	68	78	65	48	26	33	44	22	62	34	31
LEB 180629	LEB 150471	108	92	137	103	131	138	125	132		109	91	95	92	137	128	95	105	78	114	134	112	127	116
87483442	LEB 160485	74	67	74	36	49	45	59	52		-0.32	0.32	0	0.0	9.7	80	1.0	23	-4.6	-17.8	-10.8	29.7	15	17
LEB 180629											74	75	36	67	74	59	46	41	46	55	35	56	47	46
LEB 180645	LEB 150471	88	105	148	83	138	138	132	136		88	98	115	105	148	135	108	115	95	125	143	124	126	126
87483574	LEB 150463	74	66	73	32	51	44	58	51		0.69	0.12	18	4.3	12.3	95	7.6	45	1.9	-27.2	-12.9	35.9	15	25
LEB 180645											74	75	32	66	73	57	50	43	50	60	36	56	51	49
LEB 180647	LEB 150471	93	98	129	87	138	138	116	127		94	92	110	98	129	117	99	103	89	118	139	119	120	118
87483590	LEB 150457	74	67	75	39	51	46	60	53		0.40	0.28	14	1.9	7.7	55	3.3	17	-0.4	-21.1	-12.0	33.3	12	19
LEB 180647											74	76	39	67	75	60	50	36	41	61	37	56	42	40
LEB 180660	T 100315	110	109	111	86	109	108	105	106		112	88	113	109	111	109	104	109	95	82	127	97	109	104
87708475	LEB 030204	72	66	74	46	55	48	61	54		-0.46	0.40	17	5.9	3.6	39	5.5	31	1.8	8.8	-9.2	21.3	6	8
LEB 180660											72	74	46	66	74	62	50	50	54	60	41	63	54	53
LEB 180666	LEB 150471	110	88	102	120	136	137	121	129		109	98	81	88	102	100	85	82	41	133	138	107	106	95
87708525	LEB 160524	75	64	72	36	50	44	57	50		-0.33	0.11	-12	-1.6	1.4	19	-3.8	-28	-18.7	-33.6	-11.7	26.7	5	1
LEB 180666											75	77	36	64	72	57	46	38	43	57	36	57	44	42

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LEB 190712 88997515 LEB190712	LEB 150471 LEB 150457	115 75	78 74	144 70	91 35	136 49	135 45	104 61	119 53	116 -0.70 77	86 0.45 67	105 9 35	78 -5.1 74	144 11.3 70	117 55 60	87 -3.0 62	87 -17 36	77 -5.0 41	118 -21.3 58	133 -10.6 36	119 33.5 54	108 6 42	105 8 40
LEB 190716 88997556 LEB190716	LEB 150471 LEB 150472	84 76	96 72	108 63	97 34	120 49	115 43	105 59	109 51	82 1.01 77	110 -0.23 69	101 5 34	96 1.2 72	108 2.9 63	103 25 56	93 0.3 62	84 -24 37	62 -10.6 42	105 -10.6 57	117 -6.9 36	115 31.1 54	99 1 43	89 -3 41
LEB 190732 89053631 LEB190732	LEB 150471 LEB 140424	96 75	104 71	122 62	90 24	122 49	124 41	115 56	120 48	96 0.30 77	96 0.17 65	108 12 24	104 4.2 71	122 6.1 62	117 56 52	98 2.8 60	107 26 37	80 -4.0 42	108 -13.2 56	134 -10.9 35	99 22.8 55	122 13 43	113 15 41
LEB 190748 89172621 LEB190748	T 100315 JSN100130	121 78	82 74	98 71	89 34	114 52	97 46	74 62	83 54	125 -1.11 79	92 0.27 71	110 14 34	82 -3.8 74	98 0.6 71	80 -27 60	85 -3.7 62	84 -24 43	66 -9.2 48	107 -11.7 59	117 -6.8 38	104 25.5 60	95 -1 48	82 -8 47
LEB 190783 89398515 LEB190783	T 100315 LEB 140415	102 78	105 74	94 70	75 36	105 51	89 46	74 61	80 54	105 -0.12 79	83 0.54 71	131 33 36	105 4.5 74	94 -0.4 70	86 -12 60	102 4.9 62	99 9 40	77 -4.8 44	96 -3.0 57	112 -5.8 38	98 22.2 58	108 6 44	100 5 43
FB 200037 90183724 DUMA	FB 130022 FB 150043	116 46	93 29	92 32	108 16	94 49	90 28	90 33	89 30	114 -0.59 45	101 0.02 49	94 -1 16	93 0.0 29	92 -0.9 32	89 -5 26	91 -0.9 24	90 -10 10	83 -2.6 11	93 -0.4 57	86 0.5 33	109 28.1 58	93 -2 11	93 0 11
LEB 200024 90818261 LEB200024	T 120424 LUC 050002	107 74	55 71	122 59	120 15	77 47	75 39	64 54	67 46	139 -1.83 76	95 0.20 61	80 -14 15	55 -13.2 71	122 6.2 59	91 -1 48	67 -13.0 56	67 -61 23	68 -8.5 27	84 6.7 56	81 1.6 28	88 16.5 56	87 -5 28	74 -15 27
NRF 200210 91830521 NRF 200210	FF 080166 NRF 050065	95 76	110 61	127 66	88 40	94 50	101 43	109 56	105 50	98 0.22 78	85 0.49 69	109 13 40	110 6.1 61	127 7.2 66	125 72 56	109 8.1 38	105 23 38	118 10.7 42	96 -2.7 53	98 -2.4 36	93 19.3 61	114 9 44	118 19 42
FB 210187 92953553 STAAL	FB 110060 FB 110079	103 59	93 42	78 39	119 25	112 50	107 33	103 42	104 38	101 0.07 59	109 -0.19 60	83 -11 25	93 0.2 42	78 -4.0 39	82 -21 35	89 -1.9 30			84 6.9 52	120 -7.6 38	109 28.2 60		
LEB 210004 92863398 LEB210004	T 120058 DN 180191	94 74	113 60	101 64	103 32	113 53	117 42	124 55	122 48	92 0.51 76	106 -0.13 62	96 1 32	113 7.1 60	101 1.2 64	113 46 52	108 7.6 42	107 28 33	125 13.2 38	127 -28.5 62	103 -3.5 37	106 26.2 60	101 2 39	105 9 37
LEB 210005 92863406 LEB210005	T 120058 LEB 150454	89 73	117 56	109 55	90 32	119 52	121 40	123 51	123 46	85 0.89 76	123 -0.58 60	108 12 32	117 8.5 56	109 3.0 55	116 53 48	107 7.0 42	113 41 34	121 11.6 39	125 -27.1 62	108 -4.8 36	112 29.7 59	117 11 40	120 20 38
LEB 210007 92863497 LEB210007	T 120058 NH 160069	102 74	117 60	124 65	77 37	103 52	108 43	107 55	107 49	102 0.03 76	96 0.16 62	125 28 37	117 8.8 60	124 6.6 65	120 62 54	115 11.4 42	119 53 30	127 14.0 35	114 -17.8 61	97 -2.2 36	102 24.2 59	106 5 36	116 17 34

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Green: >120 High
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Animal		Selection Values									Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value		Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
LEB 210008 92863430 LEB210008	T 120058 JS130010	89 71	115 50	96 51	101 30	101 51	104 38	117 48	111 43		88 0.73 74	106 -0.10 56	97 2 30	115 7.9 50	96 0.1 51	110 40 44	108 7.9 36	103 18 24	112 8.2 28	109 -14.1 60	89 -0.4 35	108 27.4 58	100 2 29	103 7 27
LEB 210012 93104255 LEB210012	T 120058 LEB 180672	115 72	100 72	97 56	102 35	115 52	112 43	111 58	112 50		137 -1.70 75	122 -0.58 58	97 2 35	100 2.8 72	97 0.4 56	99 16 54	93 0.4 42	107 28 32	102 4.5 37	109 -14.1 62	116 -6.6 36	104 25.6 59	104 4 38	105 9 36
LEB 210022 92863513 LEB210022	T 120058 ANS 160049	75 73	117 71	98 55	110 36	101 52	109 43	125 58	118 50		74 1.43 76	135 -0.94 60	92 -3 36	117 8.7 71	98 0.4 55	116 53 54	110 8.6 38	107 28 25	115 9.6 29	113 -16.7 61	87 0.1 36	108 27.5 60	100 2 30	107 10 28
LEB 210030 93040012 LEB210030	LEB 190749 LEB 120288	99 76	114 73	96 61	93 25	123 46	120 41	120 56	121 48		101 0.08 78	89 0.36 64	105 9 25	114 7.5 73	96 0.0 61	104 28 53	107 7.1 40	92 -7 37	83 -2.5 42	124 -26.4 56	121 -7.8 30	106 26.2 52	105 4 44	106 10 42
NRF 210265 92947019 NRF 210265	NRF 180042 NRF 120530	91 74	122 71	105 52	85 30	103 39	104 38	113 53	109 46		96 0.33 77	77 0.71 62	115 19 30	122 10.4 71	105 2.2 52	114 48 51	124 15.8 52	103 19 26	111 8.1 29	105 -10.2 42	102 -3.3 22	100 23.3 52	116 10 30	119 19 29
BN 220740 93990935 BN 220740	BN 160309 LEB 110230	115 39	88 69	109 52	116 25	110 37	114 35	108 51	111 43		114 -0.56 39	103 -0.02 37	85 -9 25	88 -1.7 69	109 3.2 52	105 29 49	91 -0.7 27	90 -11 20	100 3.7 22	104 -9.9 37	105 -4.0 25	110 28.7 50	88 -4 23	89 -3 22
LEB 220017 94644556 LEB220017	LEB 190758 LEB 190812	89 70	109 72	108 43	98 27	100 41	103 37	112 52	108 44		90 0.61 75	96 0.15 44	100 5 27	109 5.8 72	108 2.8 43	113 47 47	110 8.6 63	98 7 38	97 2.5 42	96 -3.2 54	99 -2.7 22	103 24.9 46	104 4 43	100 5 42
LEB 220018 94644564 LEB220018	LEB 190758 LEB 190782	101 70	103 72	97 47	106 28	111 38	112 37	111 52	112 44		100 0.13 75	106 -0.11 46	94 0 28	103 3.5 72	97 0.3 47	102 22 49	91 -0.9 63	93 -3 41	96 2.1 46	108 -13.2 43	115 -6.3 23	100 23.4 48	108 6 46	97 3 45
LEB 220045 94644697 LEB220045	LEB 190710 LEB 200837	64 69	109 72	124 37	94 9			113 45			67 1.76 75	89 0.37 39	103 7 9	109 5.8 72	124 6.7 37	126 75 39	117 12.2 60	90 -11 19	104 5.1 28	89 2.7 48		103 24.7 37	95 -1 30	100 5 27
LEB 220046 94644705 LEB220046	LEB 190710 LEB 180645	62 70	132 71	145 45	78 20	121 38	138 35	138 50	139 42		54 2.40 74	80 0.61 48	122 25 20	132 13.8 71	145 11.5 45	147 120 45	136 22.0 61	117 50 34	113 8.6 39	98 -4.9 53	123 -8.2 17	116 31.6 45	123 14 40	128 26 39
LEB 220062 94644812 LEB220062	T 100315 BN 140132	105 72	96 73	96 58	103 26	120 50	115 42	106 57	110 50		104 -0.09 75	99 0.08 59	96 1 26	96 1.1 73	96 0.0 58	94 6 52	93 0.1 62	86 -18 44	56 -13.1 48	124 -26.2 59	120 -7.6 33	102 24.4 57	88 -4 49	84 -7 48
LEB 220063 94644820 LEB220063	LEB 170603 NH 160071	94 71	100 71	118 52	111 27	103 43	113 39	116 54	115 46		93 0.45 75	103 -0.04 53	90 -4 27	100 2.7 71	118 5.1 52	120 63 50	98 2.8 62	100 12 36	106 6.2 40	83 8.0 55	108 -4.6 24	107 26.7 51	106 5 41	101 6 39

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Animal		Selection Values								Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
LEB 220064 94644838 LEB220064	T 100315 BN 140157	116 71	89 73	99 56	95 32	104 50	94 42	86 58	88 50	130 -1.36 74	90 0.33 56	103 7 32	89 -1.2 73	99 0.7 56	88 -7 54	86 -3.4 62	90 -11 43	73 -6.7 47	99 -5.2 60	105 -4.0 35	102 24.3 56	90 -3 47	84 -7 46
LEB 220076 94644879 LEB220076	1 LEB 170603 T 160145	125 71	50 72	128 54	126 31	98 46	98 41	78 56	86 48	118 -0.79 75	122 -0.58 52	71 -22 31	50 -15.1 72	128 7.4 54	96 10 52	55 -18.7 62	71 -52 37	74 -6.1 41	98 -4.4 58	93 -1.2 27	105 25.7 52	64 -16 42	58 -26 41
LEB 220098 94644077 LEB220098	LEB 190710 LEB 180647	62 71	126 71	128 46	81 22	120 39	129 36	130 51	130 44	61 2.04 75	80 0.62 49	118 22 22	126 11.7 71	128 7.6 46	133 90 46	128 17.6 60	109 32 34	108 6.9 39	99 -5.7 54	122 -7.9 18	114 30.5 46	119 12 40	122 22 38
LEB 220100 94644093 LEB220100	LEB 190710 LEB 170589	86 71	105 71	112 45	88 18	102 35	100 34	99 49	99 42	89 0.65 75	84 0.50 49	110 14 18	105 4.2 71	112 3.8 45	108 37 45	108 7.7 60	93 -4 37	91 0.5 41	87 4.3 40	107 -4.5 19	103 24.8 47	101 3 42	98 4 41
LEB 220101 94644101 LEB220101	LEB 190710 LEB 170549	63 70	119 71	119 45	89 18	103 40	110 35	119 50	115 42	64 1.92 74	85 0.47 48	109 13 18	119 9.4 71	119 5.5 45	126 75 45	123 15.4 61	100 11 37	98 2.8 41	97 -3.8 52	104 -3.9 20	102 24.5 48	109 6 42	106 9 41
LEB 220109 94644168 LEB220109	LEB 170603 NH 160027	101 72	86 72	129 54	103 35	99 45	104 41	98 56	100 48	98 0.23 76	112 -0.29 55	95 0 35	86 -2.3 72	129 7.7 54	116 52 54	89 -1.8 62	89 -12 35	92 0.7 39	94 -1.3 57	100 -2.9 28	102 24.1 51	88 -4 40	87 -5 38
LEB 220113 94644200 LEB220113	LEB 170603 NH 160058	100 71	97 70	117 49	105 28	94 38	100 37	104 52	102 44	102 0.04 75	88 0.39 52	95 0 28	97 1.6 70	117 4.9 49	114 50 49	101 4.5 60	91 -9 36	91 0.5 40	96 -3.1 40	98 -2.4 23	94 19.9 50	92 -2 41	87 -5 40
LEB 220117 94644218 LEB220117	LEB 170603 MII 160166	96 70	84 71	107 51	121 30	106 42	109 39	104 54	106 46	94 0.41 74	106 -0.13 51	80 -14 30	84 -3.0 71	107 2.6 51	103 24 51	86 -3.3 60	70 -54 40	74 -6.3 46	100 -6.6 54	106 -4.3 22	104 25.4 50	73 -12 47	69 -18 45
LEB 220120 94644234 LEB220120	LEB 170603 LEB 130376	85 71	106 72	92 53	122 23	103 41	110 38	123 53	117 46	83 0.96 75	110 -0.24 52	79 -14 23	106 4.7 72	92 -0.9 53	108 37 49	99 3.2 61	86 -18 25	90 0.0 31	98 -5.0 56	104 -3.8 17	102 24.3 50	94 -1 32	88 -4 30
LEB 220137 94644325 LEB220137	LEB 190758 LEB 190772	94 70	113 72	100 45	98 23	110 40	112 36	119 51	116 44	93 0.46 75	102 0.00 44	99 4 23	113 7.2 72	100 1.1 45	110 41 47	109 8.4 54	95 1 35	106 6.0 39	117 -20.5 55	104 -3.8 20	105 25.7 46	104 4 40	98 3 39
LEB 220159 94644473 LEB220159	LEB 170603 LEB 080484	114 71	84 72	113 54	118 30	103 43	108 39	104 55	106 47	111 -0.44 75	106 -0.13 53	82 -11 30	84 -3.0 72	113 4.0 54	107 33 52	86 -3.3 53	93 -4 38	78 -4.6 43	110 -14.4 47	99 -2.6 28	100 23.3 53	90 -3 44	80 -10 42
LEB 220161 94874658 LEB220161	1 T 100315 SVH 130173	97 72	105 56	100 58	96 32	113 47	110 39	109 50	109 44	98 0.20 75	90 0.32 58	101 6 32	105 4.3 56	100 1.0 58	103 24 49	96 1.6 47	102 16 45	90 0.0 49	116 -19.8 56	114 -6.2 31	99 22.4 54	104 4 50	96 2 48

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Index EBV Acc																								
ID	% Inbreeding	Sire ID									Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Name		Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value														
LEB 230001		LEB 200153	109	93	109	103	91	92	94	92	108	98	95	93	109	104	94	104	99	86	98	93	108	102
95534582		LEB 200032	64	53	32	16	30	27	38	32	-0.29	0.10	1	0.3	3.0	27	0.8	20	3.4	5.3	-2.4	19.6	6	7
LEB 230001											69	38	16	53	32	34	36	19	22	36	18	37	22	21
LEB 230002	2	LEB 200153	100	108	102	102	91	95	107	101	101	94	96	108	102	109	106	106	102	82	98	96	111	105
95534590		LEB 200020	65	70	38	14	30	30	46	38	0.10	0.22	1	5.4	1.4	38	7.0	24	4.4	8.6	-2.3	21.0	8	9
LEB 230002											70	39	14	70	38	41	38	16	19	36	14	39	20	19
LEB 230003		LEB 200153	99	95	111	101	79	81	89	84	98	104	96	95	111	107	97	99	103	65	88	93	102	96
95534608		LEB 200003	65	71	39	17	36	33	48	40	0.23	-0.06	2	0.9	3.6	34	2.4	9	4.9	23.0	-0.1	19.5	3	2
LEB 230003											70	40	17	71	39	42	34	21	24	50	18	40	24	23
LEB 230004		LEB 200153	106	98	97	111	84	86	96	91	101	119	90	98	97	100	97	101	98	87	86	93	96	96
95534616		LEB 200004	63	71	38	14	31	30	46	38	0.06	-0.49	-4	1.9	0.3	18	2.3	15	3.0	4.5	0.5	19.2	0	2
LEB 230004											69	36	14	71	38	41	32	22	25	36	16	40	26	25
LEB 230006		LEB 200153	76	109	112	96	85	89	104	96	77	100	101	109	112	117	106	108	106	77	95	90	113	106
95534632		LEB 200023	68	70	38	15	30	30	46	38	1.28	0.05	6	5.8	3.8	55	6.6	30	6.2	12.5	-1.6	17.7	9	9
LEB 230006											74	38	15	70	38	41	37	21	24	36	16	39	24	23
LEB 230010		LEB 200153	92	96	112	102	85	87	94	90	92	100	96	96	112	109	97	99	101	77	94	92	104	98
95534673		LEB 200006	68	69	37	17	31	31	46	38	0.52	0.05	1	1.2	3.9	37	2.4	9	4.0	13.0	-1.5	18.6	4	4
LEB 230010											74	40	17	69	37	41	30	20	23	35	18	39	24	23
LEB 230011		LEB 200153	109	81	114	110	85	86	83	83	106	106	91	81	114	101	84	88	86	83	90	92	99	92
95534681		LEB 200024	68	70	38	14	30	30	46	38	-0.20	-0.12	-4	-4.2	4.4	20	-4.0	-15	-1.6	7.8	-0.5	19.0	2	-1
LEB 230011											74	40	14	70	38	41	37	19	21	35	17	39	22	21
LEB 230018	6	LEB 200153	116	91	97	95	96	87	84	84	131	97	103	91	97	88	90	103	87	94	101	96	108	103
95697645		LEB 170547	69	53	43	16	28	28	40	34	-1.43	0.14	7	-0.6	0.3	-7	-1.4	17	-1.4	-0.9	-3.1	20.8	6	7
LEB 230018											74	45	16	53	43	37	36	23	27	34	12	38	28	26
LEB 230028		LEB 190758	116	107	98	96	87	88	99	93	114	107	102	107	98	103	104	106	106	85	92	93	105	99
95697728		LEB 200022	69	72	42	19	36	34	49	42	-0.55	-0.16	7	5.2	0.7	25	5.6	25	6.0	6.0	-1.1	19.6	5	4
LEB 230028											75	40	19	72	42	44	45	38	43	42	20	45	44	42
LEB 230029	1	LEB 200153	120	75	112	117	99	100	90	94	118	102	83	75	112	97	81	77	85	99	102	98	80	83
95697736		LEB 160507	69	70	44	14	31	31	47	39	-0.76	0.00	-11	-6.3	3.8	12	-5.9	-38	-2.0	-5.4	-3.2	21.9	-8	-8
LEB 230029											74	45	14	70	44	43	32	27	31	33	18	41	32	30
LEB 230032		LEB 190710	77	103	112	100	102	104	108	106	80	89	98	103	112	113	107	90	98	99	106	98	98	96
95925681		BN 140046	70	71	46	19	35	34	50	42	1.14	0.36	3	3.7	3.7	47	7.5	-9	3.1	-5.0	-4.2	22.0	1	2
LEB 230032											74	48	19	71	46	45	43	31	35	41	16	48	36	35
LEB 230035	10	LEB 190710	76	107	130	89	99	106	110	108	79	86	108	107	130	126	111	96	116	92	101	102	102	107
95925640		DN 160108	71	72	47	10	27	30	47	38	1.14	0.45	12	5.2	8.0	75	9.5	3	10.1	0.2	-3.0	24.5	3	10
LEB 230035											75	49	10	72	47	43	42	37	43	31	6	44	44	42

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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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																								
LEB 230036 95925657 LEB 230036		LEB 190710 LEB 150451	77 71	114 72	118 47	85 19	97 36	100 35	105 50	103 42	82 1.00 75	79 0.64 50	114 18 19	114 7.6 72	118 5.2 47	118 58 46	116 11.9 45	102 16 40	98 2.8 44	89 2.9 40	106 -4.3 20	94 20.0 47	111 8 45	109 12 43
LEB 230039 95925665 LEB 230039		LEB 190758 LEB 160529	86 68	107 70	105 45	96 20	96 29	96 32	104 48	100 40	86 0.80 73	100 0.04 45	102 6 20	107 5.0 70	105 2.1 45	108 36 45	105 6.2 36	99 10 37	112 8.5 42	102 -8.0 31	100 -2.8 15	91 18.1 41	105 4 43	100 5 41
LEB 230043 95964912 LEB 230043		LEB 190758 LEB 180660	91 70	118 71	113 48	85 31	109 38	112 37	115 53	114 45	93 0.49 75	90 0.33 48	114 17 31	118 8.9 71	113 4.1 48	118 57 50	113 10.3 42	112 38 42	112 8.5 46	93 -0.6 43	121 -7.7 25	98 22.1 47	113 9 47	109 12 46
LEB 230046 95964920 LEB 230046		LEB 190758 LEB 170586	111 71	102 72	82 50	101 31	110 38	101 38	101 53	101 46	107 -0.24 75	114 -0.35 50	98 3 31	102 3.5 72	82 -3.3 50	86 -11 51	96 1.5 43	84 -25 40	85 -1.9 44	112 -16.0 43	113 -5.8 24	97 21.8 47	94 -1 45	85 -7 43
LEB 230049 95964888 LEB 230049		LEB 190758 LEB 180645	90 71	111 71	136 48	83 26	131 41	138 37	127 52	133 44	91 0.56 75	93 0.25 49	115 18 26	111 6.7 71	136 9.3 48	130 84 48	112 9.9 43	115 45 43	113 8.7 48	119 -21.7 54	130 -9.8 23	114 30.7 46	122 13 49	120 20 47
LEB 230050 95964896 LEB 230050		180227N DN 110020	85 70	92 71	105 42	94 15	100 30	92 31	86 47	88 39	84 0.90 75	107 -0.13 44	104 8 15	92 -0.1 71	105 2.2 42	96 9 43	90 -1.2 39	95 1 19	98 3.0 22	110 -14.7 32	105 -4.0 14	88 16.9 44	92 -2 22	96 2 21
LEB 230053 95964946 LEB 230053	2	LEB 190710 LEB 130373	82 71	109 71	123 46	91 16	100 35	106 33	112 49	109 41	85 0.88 75	88 0.40 49	106 10 16	109 5.8 71	123 6.3 46	123 69 44	110 8.8 44	100 11 36	114 9.1 40	93 0.0 42	111 -5.5 17	92 19.0 47	104 4 41	104 8 40
LEB 230054 95964953 LEB 230054		LEB 150471 LEB 100240	120 72	83 71	128 55	110 29	116 45	123 40	109 55	116 48	120 -0.87 75	94 0.23 57	90 -4 29	83 -3.4 71	128 7.6 55	116 52 52	86 -3.4 42	83 -26 36	71 -7.1 40	120 -23.1 55	113 -5.9 27	104 25.4 53	111 8 41	103 7 40
LEB 230061 95960258 LEB 230061		LEB 150471 LEB 130381	118 72	80 71	123 57	118 28	128 46	134 40	116 55	125 48	117 -0.73 75	96 0.18 57	83 -11 28	80 -4.4 71	123 6.3 57	112 45 52	87 -2.8 42	78 -38 32	70 -7.5 37	134 -34.4 56	122 -8.1 29	108 27.7 53	92 -2 38	91 -2 36
LEB 230067 95960290 LEB 230067		LEB 150471 NH 160071	99 72	106 71	136 54	97 27	123 41	136 38	133 54	136 46	104 -0.08 75	76 0.72 56	99 4 27	106 4.7 71	136 9.4 54	136 96 51	111 9.0 44	108 30 34	98 3.1 39	108 -13.3 46	127 -9.2 28	109 28.0 50	124 14 40	119 19 38
LEB 230075 95960365 LEB 230075		LEB 150471 DN 130152	106 73	61 72	148 55	111 30	117 41	120 39	93 55	105 47	135 -1.61 76	72 0.84 57	88 -6 30	61 -11.2 72	148 12.3 55	115 52 52	78 -7.5 44	73 -47 38	73 -6.3 43	116 -19.7 46	118 -7.1 27	102 24.2 51	88 -4 44	88 -4 42
LEB 230077 95960381 LEB 230077		180227N LEB 190712	107 69	77 72	121 40	96 21	113 31	106 32	87 48	95 40	105 -0.14 75	105 -0.09 40	100 5 21	77 -5.3 72	121 5.9 40	99 16 44	80 -6.3 42	91 -8 18	85 -1.8 20	112 -16.3 32	112 -5.7 19	105 25.7 41	104 4 21	101 6 20

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ID Number Name																								
LEB 230078 95960399 LEB 230078		180227N DN 180189	117 70	70 71	114 40	116 9	102 25	100 28	85 45	91 36	113 -0.53 75	114 -0.34 42	85 -9 9	70 -7.8 71	114 4.2 40	94 5 40	73 -9.8 28	88 -14 9	99 3.5 16	109 -14.0 25	107 -4.6 7	90 17.5 42	94 -1 17	95 1 15
LEB 230079 95960407 LEB 230079		180227N LEB 190782	102 69	97 72	87 40	110 24	101 31	97 33	97 49	96 41	99 0.15 75	112 -0.29 40	92 -3 24	97 1.5 72	87 -2.1 40	89 -6 45	85 -3.8 42	94 -2 23	86 -1.7 25	107 -11.7 33	105 -4.0 19	93 19.3 42	107 5 25	98 4 24
LEB 230080 95960415 LEB 230080		180227N LEB 170570	94 69	97 71	94 42	104 23	98 32	93 33	95 49	93 41	92 0.50 74	106 -0.11 43	96 1 23	97 1.6 71	94 -0.5 42	94 4 45	91 -0.7 38	94 -1 27	85 -1.8 30	102 -7.8 33	97 -2.2 21	98 22.0 43	101 3 31	98 4 30
LEB 230082 95960423 LEB 230082		180227N LEB 190744	84 69	101 72	122 40	75 25	95 32	88 33	77 49	81 41	85 0.85 75	95 0.20 41	128 31 25	101 2.9 72	122 6.0 40	105 29 46	102 4.9 40	109 31 15	109 7.3 17	105 -10.5 33	95 -1.8 19	92 18.9 43	104 4 17	108 11 17
LEB 230084 95960449 LEB 230084		180227N LEB 210023	97 69	104 72	102 37	94 20	99 32	96 32	99 48	97 40	93 0.45 75	115 -0.38 40	104 8 20	104 3.9 72	102 1.5 37	102 23 43	98 2.6 34	107 28 13	108 6.8 16	109 -13.7 34	97 -2.2 19	96 21.2 44	105 5 16	107 10 15
LEB 230085 95960456 LEB 230085		180227N LEB 200837	75 69	98 72	100 38	101 20	96 29	91 31	94 47	92 39	72 1.53 75	118 -0.47 38	98 3 20	98 1.7 72	100 0.9 38	98 15 43	93 0.2 38	94 0 17	99 3.3 19	104 -9.9 32	97 -2.1 14	93 19.5 41	98 1 20	100 5 19
LEB 230086 95960464 LEB 230086		180227N LEB 190783	92 69	97 72	95 39	87 23	99 31	85 32	79 49	81 40	91 0.56 75	104 -0.06 41	113 16 23	97 1.6 72	95 -0.2 39	87 -9 45	92 -0.1 40	95 0 20	84 -2.4 22	101 -7.3 32	101 -3.2 20	95 20.5 42	102 3 22	97 3 21
LEB 230088 95960472 LEB 230088		180227N LEB 170542	95 67	92 50	109 35	96 6	90 18	85 22	86 33	84 28	94 0.41 73	102 0.00 39	101 6 6	92 -0.4 50	109 3.1 35	100 18 30	90 -1.2 30		100 -6.3 15		92 18.6 36			
LEB 230089 95960480 LEB 230089		180227N LEB 180614	98 69	85 71	96 42	119 24	99 32	97 33	94 49	95 41	94 0.40 74	116 -0.40 43	83 -11 24	85 -2.8 71	96 0.0 42	91 -2 46	79 -7.0 36	83 -25 25	78 -4.7 28	104 -9.5 33	104 -3.7 21	92 18.9 43	100 2 28	91 -2 27
LEB 230096 95960548 LEB 230096		LEB 150471 LEB 130352	119 72	84 71	134 56	103 28	120 42	125 39	109 54	117 46	118 -0.79 75	97 0.14 57	95 0 28	84 -2.9 71	134 8.8 56	118 59 52	90 -1.1 42	95 1 34	92 0.9 39	121 -23.6 47	120 -7.7 29	102 24.5 51	110 7 40	108 11 38
LEB 230099 95960555 LEB 230099		LEB 150471 DN 110043	116 73	100 73	126 58	100 32	118 46	125 41	121 57	124 49	119 -0.81 76	82 0.56 58	97 2 32	100 2.4 73	126 7.0 58	123 68 54	107 7.2 45	93 -3 37	92 0.6 42	116 -19.5 55	118 -7.0 29	104 25.3 53	109 7 43	106 10 41
LEB 230107 96034160 LEB 230107	2	NRF 190129 NRF 200210	89 70	99 68	114 42	94 24	98 34	98 33	99 48	98 40	88 0.72 75	106 -0.11 45	103 8 24	99 2.4 68	114 4.2 42	109 38 45	98 2.8 31	97 6 24	110 7.8 28	103 -8.8 35	100 -2.9 21	95 20.4 45	102 3 29	105 9 27

2

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ID Number Name																								
LEB 230108 96034178 LEB 230108		180227N LEB 190716	96 69	87 56	103 36	98 22	106 30	96 29	86 41	90 35	93 0.49 75	115 -0.37 41	100 5 22	87 -2.1 56	103 1.6 36	91 -2 38	84 -4.5 40	91 -9 19	79 -4.2 21	106 -11.0 32	104 -3.8 18	104 25.2 39	100 2 21	95 1 21
LEB 230110 96034194 LEB 230110		180227N LEB 210007	90 69	104 70	110 37	87 21	98 32	94 32	94 47	93 40	88 0.73 75	111 -0.26 38	111 15 21	104 3.9 70	110 3.4 37	105 30 43	99 3.3 34	108 29 15	111 7.9 17	110 -14.2 34	94 -1.5 18	97 21.4 43	103 4 18	108 11 17
LEB 230120 96034244 LEB 230120	13	LEB 170546 LEB 150481	87 68	104 45	110 46	87 14	100 26	97 26	95 36	95 31	90 0.63 72	86 0.45 47	112 16 14	104 4.2 45	110 3.4 46	106 30 35	100 3.9 32	101 14 29	83 -2.6 35	93 -0.1 30	112 -5.7 7	92 18.6 40	121 13 36	110 13 34
LEB 230122 96034251 LEB 230122		LEB 170546 NH 160058	102 68	100 43	107 42	86 21	97 32	91 28	87 37	87 32	104 -0.08 72	88 0.38 47	113 17 21	100 2.6 43	107 2.7 42	99 17 35	98 2.7 32	101 14 30	94 1.6 34	100 -6.3 30	105 -4.0 21	89 17.1 44	105 4 35	101 6 33
LEB 230138 96174198 LEB 230138		LEB 150471 BN 140131	111 71	82 56	139 52	107 20	117 40	126 34	109 46	117 40	114 -0.58 74	81 0.59 55	92 -2 20	82 -3.9 56	139 10.2 52	123 68 43	91 -0.5 35	93 -4 30	84 -2.4 36	120 -22.8 46	120 -7.5 23	99 22.5 50	103 4 37	103 8 35
LEB 230141 96174164 LEB 230141		LEB 170546 VEN 050023	108 68	87 47	80 48	107 20	97 33	84 30	78 40	79 35	103 -0.03 72	127 -0.71 46	95 0 20	87 -2.0 47	80 -3.7 48	73 -40 38	79 -6.7 30	74 -46 27	69 -8.0 30	107 -12.4 34	100 -2.8 20	90 18.1 46	88 -4 31	81 -9 29
LEB 230146 96174222 LEB 230146		180227N ZZN 200014	86 69	92 54	96 25	99 7	87 18	79 21	81 34	78 28	83 0.99 75	119 -0.48 38	99 4 7	92 -0.1 54	96 0.0 25	90 -4 29	88 -2.4 29	97 4 7	96 2.2 9	100 -5.9 15		88 16.6 35	101 3 9	101 6 9
LEB 230147 96179072 LEB 230147		LEB 150471 LEB 140415	96 71	94 50	134 52	91 23	102 40	106 34	101 44	103 39	99 0.19 74	86 0.45 54	105 9 23	94 0.6 50	134 9.0 52	121 65 42	100 3.5 41	93 -3 29	76 -5.3 33	98 -4.2 45	106 -4.3 27	97 21.7 48	112 8 34	108 11 33
LEB 230150 96402995 LEB 230150		LEB 150471 ANS 160146	113 72	85 55	123 55	106 33	108 41	111 37	101 48	105 42	111 -0.41 75	104 -0.07 57	94 -1 33	85 -2.5 55	123 6.4 55	111 41 48	92 -0.4 41	94 -2 32	86 -1.5 37	111 -15.4 44	106 -4.3 28	101 23.8 50	108 6 38	108 11 36
LEB 230152 96403001 LEB 230152		LEB 150471 JS100116	105 71	89 51	117 52	109 23	110 38	114 33	106 44	109 38	105 -0.15 74	93 0.25 54	92 -3 23	89 -1.1 51	117 4.9 52	110 39 42	94 0.7 38	85 -22 31	74 -6.0 34	102 -7.8 43	110 -5.3 26	106 26.6 46	102 3 35	98 3 34
LEB 230155 96403035 LEB 230155	2	LEB 150471 LEB 140423	99 71	104 54	125 53	92 25	121 41	125 35	119 46	123 40	102 0.02 74	84 0.50 55	105 9 25	104 3.9 54	125 6.9 53	121 65 44	103 5.3 44	98 8 39	76 -5.2 43	113 -17.0 45	124 -8.5 29	105 25.9 49	112 8 44	109 12 43
LEB 230162 96427000 LEB 230162		LEB 170603 T 160157	100 70	88 53	111 50	105 28	93 33	92 32	90 44	90 38	96 0.32 74	115 -0.38 50	95 0 28	88 -1.6 53	111 3.5 50	102 22 44	85 -3.7 45	90 -11 33	78 -4.7 38	97 -3.9 35	99 -2.6 19	89 17.3 44	94 -1 38	91 -2 37

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LEB 230164 96427026 LEB 230164		LEB 170573 LEB 170569		96 70	93 51	94 48	100 27	101 36	92 33	89 43	89 38	93 0.49 74	114 -0.33 49	98 3	93 0.2 51	94 -0.4 48	89 -5 42	88 -2.4 41	92 -6 39	78 -4.4 44	107 -12.5 40	102 -3.5 24	94 20.0 44	99 1 45	96 2 43	
LEB 230165 96427034 LEB 230165		LEB 170603 130022N		90 69	92 48	107 44	116 24	93 32	98 30	103 40	100 35	91 0.57 73	97 0.13 48	85 -9 24	92 -0.1 48	107 2.7 44	107 35 39	92 -0.3 38	84 -25 31	84 -2.2 34	99 -5.3 35	93 -1.2 19	95 20.5 41	93 -1 35	87 -5 34	
LEB 230167 96528328 LEB 230167	13	LEB 170603 LEB 140447		114 70	84 55	113 53	111 22	90 32	93 32	90 44	90 38	110 -0.40 74	113 -0.33 53	90 -4 22	84 -3.0 55	113 4.1 53	103 24 43	82 -5.3 43	87 -16 31	80 -4.0 37	87 4.9 41	100 -2.9 12	89 17.2 43	95 0 38	86 -5 36	
LEB 240170 97071047 LEB 240170		LEB 200153 LEB 210005		88 63	111 49	107 36	92 19	105 32	106 28	111 38	109 33	85 0.87 68	117 -0.44 39	105 10 19	111 6.5 49	107 2.6 36	111 43 35	105 6.0 30	112 38 21	113 8.7 24	103 -9.1 37	103 -3.7 20	104 25.4 39	115 10 25	116 17 24	
LEB 240190 97477095 LEB 240190		JF 190091 LEB 180645		113 68	95 50	130 43	90 23	118 33	120 30	108 41	114 36	111 -0.45 73	100 0.06 42	107 11 23	95 1.0 50	130 8.0 43	117 56 39	96 1.9 28	106 25 26	98 3.0 31	105 -10.5 37	114 -6.3 22	115 31.3 41	110 7 31	109 12 30	
LEB 240192 97477103 LEB 240192		JF 190091 LEB 160506		87 69	105 52	98 46	99 23	100 35	98 31	104 43	101 37	86 0.81 74	104 -0.06 43	99 4 23	105 4.5 52	98 0.6 46	103 24 40	99 3.1 31	94 -1 27	90 -0.1 31	97 -4.2 38	100 -2.8 24	102 24.4 44	98 1 31	93 0 30	
LEB 240193 97477145 LEB 240193		JF 190091 LEB 170542		77 66	108 44	113 38	96 16	89 24	93 24	105 34	99 29	78 1.23 72	100 0.06 37	101 6 16	108 5.4 44	113 4.0 38	116 54 33	104 5.8 16	100 11 15	99 3.4 18	89 2.5 22	88 -0.1 14	98 22.3 37	103 3 19	101 6 18	
LEB 240195 97477152 LEB 240195		JF 190091 LEB 160507		99 69	93 51	107 44	112 19	100 33	103 30	104 41	103 36	98 0.20 74	100 0.06 42	89 -5 19	93 0.2 51	107 2.7 44	106 31 38	94 0.5 26	84 -24 27	92 0.9 32	98 -5.0 35	97 -2.1 22	104 25.4 43	81 -7 33	84 -7 31	
LEB 240196 97477111 LEB 240196		JF 190091 LEB 170586		122 69	86 52	78 46	111 28	101 34	89 32	82 43	84 38	116 -0.69 74	126 -0.69 43	91 -3 28	86 -2.3 52	78 -4.2 46	72 -44 42	79 -6.8 28	78 -37 26	73 -6.6 29	101 -7.4 36	99 -2.7 23	101 23.8 44	85 -6 29	76 -13 28	
LEB 240197 97477137 LEB 240197		JF 190091 LEB 190757		109 68	94 52	102 41	94 21	94 34	88 30	86 41	86 36	105 -0.14 74	115 -0.36 38	104 8 21	94 0.6 52	102 1.5 41	95 7 38	84 -4.2 34	96 3 25	88 -0.7 28	95 -1.8 36	96 -1.9 23	97 21.6 43	101 3 29	96 2 28	
LEB 240202 97477194 LEB 240202		JF 190091 LEB 190716		113 68	90 52	106 39	98 24	105 33	100 30	92 41	95 36	111 -0.42 74	105 -0.10 39	100 5 24	90 -0.9 52	106 2.5 39	97 11 38	88 -2.1 34	91 -9 24	81 -3.3 27	95 -2.2 36	102 -3.3 22	111 28.9 41	97 0 28	90 -2 27	
LEB 240205 97472294 LEB 240205	2	LEB 150471 LEB 150475		107 72	90 57	108 57	108 25	115 40	115 36	104 48	109 42	107 -0.22 75	95 0.18 56	93 -2 25	90 -0.9 57	108 2.8 57	101 21 46	89 -1.7 44	83 -27 38	57 -12.6 43	109 -13.7 45	118 -7.1 27	103 25.0 48	101 2 44	91 -2 42	

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LEB 240206	LEB 150471	120	83	119	112	119	123	107	115		125	84	89	83	119	107	90	92	77	116	123	102	110	101
97472278	BN 140046	71	54	54	27	41	35	47	41		-1.11	0.52	-5	-3.2	5.3	35	-1.2	-6	-5.1	-19.3	-8.2	24.2	7	6
LEB 240206											74	55	27	54	54	45	40	30	34	47	27	50	35	34
LEB 240213	JF 190091	101	102	99	85	98	89	85	85		101	96	115	102	99	94	98	98	89	91	99	102	101	96
97638076	LEB 190783	68	53	42	25	34	31	42	36		0.05	0.15	19	3.4	0.8	5	2.9	7	-0.4	1.6	-2.7	24.4	3	2
LEB 240213											74	40	25	53	42	40	34	25	28	36	23	42	28	27
LEB 240214	JF 190091	122	78	102	98	93	81	71	74		130	123	100	78	102	83	78	89	86	89	91	103	96	96
97638092	LEB 170551	69	52	47	23	34	31	43	37		-1.39	-0.59	5	-5.2	1.5	-18	-7.5	-12	-1.4	2.9	-0.8	24.9	0	2
LEB 240214											74	43	23	52	47	41	30	24	28	37	22	43	29	27
LEB 240215	JF 190091	103	100	97	94	98	91	91	90		102	101	105	100	97	94	96	96	88	88	100	102	99	92
97638100	LEB 170589	69	49	43	21	34	30	41	36		0.00	0.04	9	2.5	0.3	6	1.8	4	-0.8	4.1	-3.0	24.5	2	-1
LEB 240215											74	42	21	49	43	38	28	26	30	36	24	43	30	29
LEB 240216	JF 190091	103	92	110	94	98	93	89	90		103	99	104	92	110	100	92	94	100	100	102	94	88	90
97638118	DN 110020	70	51	45	21	33	30	41	36		-0.01	0.09	8	-0.2	3.5	19	-0.2	-1	3.7	-6.3	-3.4	20.2	-4	-2
LEB 240216											75	43	21	51	45	39	30	24	28	36	20	44	29	27
LEB 240217	LEB 150471	89	104	113	115	117	128	129	130		91	88	86	104	113	122	105	92	80	112	119	104	110	104
97638126	LEB 130376	71	56	56	25	42	36	48	42		0.55	0.39	-8	3.9	4.0	66	6.1	-6	-3.8	-16.0	-7.3	25.5	7	8
LEB 240217											74	56	25	56	56	46	44	29	34	48	28	50	35	33
LEB 240222	LEB 150471	111	72	142	114	114	123	104	113		111	94	85	72	142	121	80	87	72	113	111	107	88	83
97638159	T 160145	72	56	56	30	43	37	49	43		-0.43	0.21	-9	-7.3	10.7	64	-6.4	-18	-6.9	-17.2	-5.5	27.1	-4	-8
LEB 240222											75	55	30	56	56	47	43	35	40	49	30	50	41	39
LEB 240226	LEB 150471	118	88	117	95	113	111	98	103		118	92	102	88	117	104	91	90	63	109	116	103	109	102
97637961	LEB 160486	71	55	55	25	40	35	47	41		-0.79	0.27	6	-1.5	5.1	27	-0.9	-10	-10.4	-13.3	-6.6	24.5	7	7
LEB 240226											74	55	25	55	55	45	42	35	39	44	27	48	40	39
LEB 240231	JF 190091	114	92	86	105	88	80	83	80		109	116	95	92	86	83	91	88	86	93	88	96	90	89
97638001	LEB 200849	68	50	39	15	25	26	37	32		-0.33	-0.39	0	-0.1	-2.4	-19	-0.6	-15	-1.4	0.0	0.0	21.1	-3	-3
LEB 240231											74	36	15	50	39	35	21	18	21	24	15	37	21	20
LEB 240233	JF 190091	81	104	100	99	86	85	95	89		79	114	99	104	100	102	98	96	98	89	88	95	98	96
97638027	ZZN 200014	68	49	29	16	24	24	35	30		1.17	-0.35	4	3.9	0.9	24	2.9	4	3.1	3.0	0.0	20.3	1	2
LEB 240233											74	36	16	49	29	31	14	17	20	22	14	37	21	20
LEB 240237	LEB 150471	100	105	136	98	123	135	132	135		104	77	98	105	136	136	109	107	97	109	126	108	122	118
97638050	NH 160071	71	55	54	27	41	36	47	42		-0.07	0.70	3	4.3	9.5	96	8.5	27	2.7	-13.8	-9.0	27.7	13	18
LEB 240237											74	56	27	55	54	45	44	34	39	46	28	48	40	38
LEB 240238	LEB 150471	102	90	120	98	112	111	101	105		101	105	99	90	120	109	91	90	72	109	110	106	112	105
97716039	BN 150197	71	53	53	24	40	34	46	40		0.10	-0.09	4	-1.1	5.6	37	-0.9	-9	-6.8	-13.4	-5.1	26.4	8	8
LEB 240238											74	55	24	53	53	43	38	32	37	46	27	48	39	37

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Animal			Selection Values							Birth		Wean				Growth		Fertility				Frame		
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																								
LEB 240242 97716062 LEB 240242		LEB 200153 DN 110043	98 70	107 57	105 48	95 25	95 33	95 32	104 45	99 38	96 0.30 75	104 -0.06 48	102 7 25	107 5.2 57	105 2.1 48	108 36 43	109 8.1 37	103 18 29	113 8.8 32	96 -2.8 35	100 -2.8 20	92 19.0 43	106 5 32	106 10 31
LEB 240244 97716070 LEB 240244		LEB 190758 LEB 170570	94 71	110 56	105 48	95 28	106 37	107 34	112 46	110 40	96 0.32 75	90 0.33 49	103 8 28	110 6.2 56	105 2.2 48	110 41 44	107 7.0 44	101 15 43	102 4.4 48	102 -8.1 42	108 -4.7 25	101 23.5 45	108 6 49	104 8 47
LEB 240245 97716088 LEB 240245		LEB 190758 LEB 180629	99 71	104 56	127 48	93 27	119 36	125 33	120 45	123 39	101 0.08 75	90 0.32 49	104 8 27	104 4.0 56	127 7.3 48	124 70 44	104 6.0 41	108 30 39	103 4.9 45	110 -14.6 41	123 -8.3 23	104 25.5 44	121 13 45	114 15 44
LEB 240248 97716104 LEB 240248	2	LEB 150471 LEB 150451	99 72	96 55	128 57	93 26	115 41	117 36	108 48	113 42	102 0.04 75	84 0.50 58	103 8 26	96 1.1 55	128 7.5 57	118 58 46	99 3.1 44	100 11 39	73 -6.4 44	107 -12.5 46	122 -8.1 29	99 22.4 48	121 12 45	112 14 43
LEB 240249 97716112 LEB 240249	1	LEB 150471 MII 160403	109 71	87 54	110 55	116 28	108 37	112 35	106 46	109 40	106 -0.18 74	109 -0.20 55	85 -9 28	87 -2.0 54	110 3.4 55	105 29 46	87 -2.7 40	86 -19 29	73 -6.5 33	102 -8.1 41	110 -5.3 25	103 24.6 46	103 4 34	97 3 32
LEB 240253 97716120 LEB 240253		LEB 150471 BN 140041	114 71	83 54	131 54	108 24	123 42	129 35	111 47	120 41	115 -0.61 74	93 0.26 56	92 -2 24	83 -3.3 54	131 8.3 54	117 56 44	90 -1.3 40	91 -7 31	77 -5.1 35	122 -24.6 47	121 -7.7 28	107 27.2 50	105 4 36	104 8 34
LEB 240257 97716161 LEB 240257		LEB 190758 LEB 200006	102 70	100 53	118 42	95 24	93 36	96 32	100 43	97 38	104 -0.07 75	86 0.44 44	102 6 24	100 2.5 53	118 5.2 42	113 48 40	103 5.0 39	100 12 37	112 8.4 41	89 2.6 42	101 -3.1 22	92 18.7 43	105 5 42	99 4 41
LEB 240259 98180946 LEB 240259		LEB 190758 LEB 190712	94 69	100 58	131 47	88 27	122 36	124 34	112 46	118 40	95 0.35 74	90 0.33 46	109 13 27	100 2.6 58	131 8.2 47	121 63 44	103 5.1 46	99 10 39	102 4.6 44	112 -16.4 42	123 -8.3 23	108 27.5 43	112 8 44	108 11 43
LEB 240267 98180979 LEB 240267		LEB 150471 LEB 130352	112 71	83 56	135 56	102 28	119 42	124 37	107 48	115 42	110 -0.40 74	101 0.02 57	95 0 28	83 -3.3 56	135 9.2 56	119 59 47	89 -1.8 42	96 2 34	93 1.1 39	121 -24.0 47	120 -7.6 29	101 23.9 50	110 7 40	108 11 38
LEB 240274 98181019 LEB 240274		LEB 150471 BN 140131	110 71	82 56	139 52	107 20	117 40	126 34	110 46	118 40	113 -0.51 74	81 0.58 55	92 -2 20	82 -3.7 56	139 10.2 52	123 69 43	92 -0.4 35	93 -4 30	84 -2.4 36	120 -22.8 46	120 -7.5 23	99 22.5 50	103 4 37	103 8 35
LEB 240275 98181027 LEB 240275		LEB 150471 LEB 120271	116 71	88 55	121 55	115 30	114 42	122 37	115 48	119 42	116 -0.66 74	96 0.16 56	85 -9 30	88 -1.6 55	121 5.8 55	116 52 47	89 -1.9 42	90 -11 36	77 -4.8 41	113 -16.6 47	119 -7.3 28	99 22.4 50	119 12 42	108 11 40
LEB 240276 98181035 LEB 240276		LEB 150471 NH 160058	100 71	99 52	132 52	92 28	108 39	114 34	109 45	111 40	105 -0.14 74	73 0.82 56	105 9 28	99 2.2 52	132 8.6 52	123 70 44	105 6.1 42	101 14 34	85 -1.9 39	105 -10.7 42	112 -5.8 26	97 21.7 49	111 8 40	107 10 38

Breeding Values and Accuracies: Cows

Green: >120 High
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Orange: <80 Low

Inbreeding in red is high

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Breeding values with an accuracy < 5% are not printed

Animal			Selection Values							Birth		Wean				Growth		Fertility				Frame		
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	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
ID Number Name																								
LEB 240277 98181043 LEB 240277	1	LEB 190758 NRF 200210	89 70	114 53	122 45	87 29	101 36	107 33	113 44	110 38	91 0.56 75	88 0.38 47	111 15 29	114 7.6 53	122 6.1 45	123 69 42	112 10.0 40	108 30 39	123 12.5 44	101 -7.1 41	105 -4.1 23	95 20.4 45	115 9 45	115 16 43
LEB 240282 98181076 LEB 240282		LEB 150471 LEB 130401	115 71	90 55	129 56	102 26	111 42	117 36	109 48	113 42	116 -0.68 74	89 0.37 56	96 1 26	90 -0.9 55	129 7.8 56	119 59 46	95 1.1 40	93 -3 36	73 -6.4 42	105 -10.2 47	121 -7.7 29	95 20.6 49	106 5 43	105 9 41
LEB 240284 98181092 LEB 240284		LEB 190758 LEB 190724	84 70	102 57	113 45	91 27	101 37	99 33	98 45	98 39	86 0.83 75	95 0.19 47	107 11 27	102 3.3 57	113 3.9 45	108 36 43	103 5.2 46	92 -6 39	93 1.0 44	101 -6.7 42	106 -4.3 24	94 19.9 44	101 3 44	94 1 43
LEB 240287 98181100 LEB 240287		LEB 190758 LEB 210030	93 70	115 57	106 43	89 23	115 35	116 32	118 44	117 38	95 0.37 75	90 0.33 44	109 13 23	115 8.0 57	106 2.5 43	112 46 41	111 9.2 40	102 15 39	106 5.9 44	115 -18.9 41	117 -6.8 21	101 23.8 42	110 7 44	109 12 43
LEB 240288 98189236 LEB 240288		LEB 150471 LEB 140420	96 71	98 57	140 56	92 27	119 43	127 37	118 49	123 43	98 0.24 74	91 0.31 57	104 8 27	98 2.0 57	140 10.2 56	129 83 47	99 3.4 44	111 35 36	105 5.7 41	114 -18.0 49	122 -8.1 29	103 25.0 50	116 10 42	114 15 40
LEB 240289 98181118 LEB 240289	2	LEB 150471 LEB 150479	97 71	97 55	119 56	93 27	116 41	115 36	106 47	110 42	99 0.16 74	89 0.37 56	104 8 27	97 1.5 55	119 5.5 56	111 43 46	99 3.2 44	96 2 37	71 -7.2 42	105 -10.3 46	123 -8.2 28	101 23.8 48	115 9 43	105 9 41
LEB 240294 98181167 LEB 240294		LEB 190758 FB 210187	93 68	106 49	98 37	100 24	110 36	108 30	110 41	109 36	93 0.47 73	100 0.04 43	98 3 24	106 4.6 49	98 0.5 37	103 25 37	103 5.0 38	97 5 34	107 6.6 38	95 -2.2 40	117 -6.8 24	103 24.8 45	100 2 39	98 3 38
LEB 240299 98181191 LEB 240299	2	LEB 150471 LEB 140435	106 71	91 55	120 56	108 27	122 41	126 36	115 48	121 42	107 -0.20 74	95 0.21 57	92 -3 27	91 -0.4 55	120 5.6 56	114 49 46	92 -0.2 45	92 -6 38	71 -7.1 43	116 -19.2 47	129 -9.6 29	99 22.9 48	113 9 44	102 7 42
LEB 250323 99161580 LEB 250323	8	LEB 220126 LEB 220062	92 51	108 50	104 36	94 10	112 24	111 24	111 35	111 30	95 0.39 54	88 0.38 37	104 8 10	108 5.4 50	104 1.9 36	107 34 32	108 7.6 40	97 5 24	81 -3.5 28	104 -9.8 31	112 -5.7 6	107 27.2 34	98 1 29	98 3 28
LEB 250336 99161606 LEB 250336		JF 190091 LEB 130337	100 56	103 51	121 45	91 24	101 36	104 31	104 42	104 36	100 0.12 58	98 0.12 44	106 11 24	103 3.5 51	121 5.8 45	116 53 40	101 4.0 28	104 21 29	87 -1.2 34	100 -6.5 39	106 -4.2 24	96 20.8 45	111 7 35	106 10 33
LEB 250337 99161614 LEB 250337		JF 190091 BN 140046	107 54	94 50	96 44	110 21	99 34	98 30	97 41	97 36	106 -0.16 56	102 -0.01 41	92 -3 21	94 0.5 50	96 0.0 44	94 6 38	93 0.1 26	94 -3 18	95 1.7 21	99 -5.1 37	99 -2.7 21	100 23.4 45	96 0 21	90 -2 20
LEB 250339 99161630 LEB 250339	1	JF 180021 LEB 170577	75 41	121 48	112 45	86 23	117 36	120 30	122 40	122 35	81 1.06 41	73 0.81 42	113 17 23	121 10.0 48	112 3.9 45	119 61 39	118 12.5 31	118 51 27	106 6.0 31	113 -17.1 39	121 -7.8 23	101 23.8 45	122 13 32	120 20 30

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Animal		Selection Values									Birth		Wean				Growth		Fertility				Frame	
Index EBV Acc																								
ID																								
Number																								
Name																								
% Inbreeding																								
Sire ID																								
Dam ID																								
Calv. Ease V																								
Calf Growth V																								
Milk V																								
Maint. V																								
Fertility V																								
Cow Value																								
Growth Value																								
Prod. Value																								
Birth wt dir																								
Birth mat																								
Mature wt																								
Wean wt																								
Wean mat																								
Cow-Calf Ratio (Wean)																								
Postwean wt																								
ADG																								
Scrotal Circ.																								
Heifer Fertility																								
Cow Fertility																								
Longevity																								
Height																								
Length																								
LEB 250341	JF 180021																							
99161655	LEB 210007																							
LEB 250341																								
LEB 250342	LEB 220126																							
99161663	LEB 220101																							
LEB 250342																								
LEB 250343	JF 180021																							
99161671	LEB 170586																							
LEB 250343																								
LEB 250344	JF 180021																							
99161689	LEB 210012																							
LEB 250344																								
LEB 250349	JF 190091																							
99161721	LEB 130376																							
LEB 250349																								
LEB 250350	JF 190091																							
99161739	SW 170951																							
LEB 250350																								
LEB 250355	LEB 220126																							
99340689	LEB 220064																							
LEB 250355																								
LEB 250357	JF 180021																							
99340705	LEB 170596																							
LEB 250357																								
LEB 250361	JF 190091																							
99340721	T 160145																							
LEB 250361																								
LEB 250362	JF 190091																							
99340739	DN 160108																							
LEB 250362																								
LEB 250364	JF 180021																							
99340754	LEB 190716																							
LEB 250364																								
LEB 250373	JF 180021																							
99569139	LEB 200024																							
LEB 250373																								

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ID Number Name																									
LEB 250375 99569154 LEB 250375	3	LEB 220126 LEB 220117	88 51	102 50	110 34	102 15	105 24	108 24	110 35	109 30	89 0.64 54	92 0.27 34	96 1 15	102 3.4 50	110 3.2 34	112 44 33	104 5.8 40	89 -13 25	90 -0.1 29	92 0.0 30	105 -4.0 8	108 27.7 33	90 -3 30	90 -2 29	
LEB 250380 99569196 LEB 250380	4	LEB 220126 LEB 220076	102 52	85 50	120 35	109 16	101 25	104 25	97 36	100 30	102 0.04 55	100 0.05 35	91 -3 16	85 -2.7 50	120 5.7 35	109 38 34	89 -1.9 40	89 -12 24	90 0.0 27	91 1.1 32	98 -2.5 10	109 27.8 34	86 -5 28	85 -7 27	
LEB 250385 99569212 LEB 250385	1	JF 180021 LEB 180666	99 40	103 46	101 42	102 25	117 35	117 29	115 39	117 34	100 0.11 40	93 0.25 41	96 1 25	103 3.8 46	101 1.3 42	105 30 38	102 4.5 26	98 6 22	75 -5.7 25	119 -22.0 38	119 -7.3 22	101 23.5 44	112 8 26	106 9 24	
LEB 250397 99569261 LEB 250397		JF 190091 NH 160071	97 54	110 51	114 43	96 20	103 34	109 30	117 41	113 36	98 0.21 57	93 0.25 42	101 6 20	110 6.3 51	114 4.2 43	119 60 38	109 8.0 29	108 30 24	115 9.5 28	92 0.4 36	103 -3.5 22	107 26.9 43	108 6 28	107 10 27	
LEB 250408 99735763 LEB 250408		LEB 220144 LEB 140416	98 51	101 49	117 48	84 19	109 34	106 30	96 40	100 35	98 0.20 52	95 0.20 47	115 18 19	101 2.8 49	117 5.1 48	107 34 39	99 3.3 37	110 33 33	89 -0.6 37	104 -9.8 36	112 -5.8 23	101 23.9 42	120 12 38	118 19 37	
LEB 250422 99735813 LEB 250422		LEB 220144 LEB 130401	101 51	103 50	112 49	89 20	102 36	101 31	99 41	99 36	102 0.03 52	91 0.30 47	109 13 20	103 3.6 50	112 3.8 49	108 35 40	102 4.6 36	105 23 32	86 -1.4 36	94 -1.2 39	110 -5.2 25	97 21.6 43	105 4 36	105 9 35	
LEB 250423 99735821 LEB 250423	13	LEB 220144 LEB 140434	110 51	98 48	102 46	90 13	110 27	101 26	92 37	96 32	108 -0.28 52	104 -0.06 47	109 13 13	98 1.8 48	102 1.4 46	95 8 36	94 0.5 36	102 17 20	83 -2.6 26	100 -6.1 34	117 -6.9 10	99 22.4 38	105 4 27	98 4 25	
LEB 250428 99735847 LEB 250428		LEB 220144 BN 140131	98 49	94 51	123 44	91 12	108 32	107 28	99 39	103 34	101 0.09 50	83 0.53 46	106 10 12	94 0.5 51	123 6.3 44	111 42 36	98 2.9 30	104 21 24	97 2.6 28	109 -13.8 38	109 -4.9 17	101 23.5 42	102 3 29	103 7 27	
LEB 250429 99735854 LEB 250429		LEB 220144 BN 220740	98 41	100 50	113 38	95 19	111 29	111 27	106 38	108 32	99 0.16 42	92 0.27 34	103 7 19	100 2.6 50	113 4.0 38	109 38 36	100 4.0 32	104 20 23	95 2.0 25	101 -7.2 30	108 -4.7 20	112 29.5 37	104 4 25	101 6 24	
LEB 250437 99951410 LEB 250437		LEB 220144 ANS 160146	101 51	97 49	106 47	91 27	99 34	93 31	90 41	90 36	99 0.18 52	106 -0.12 48	107 11 27	97 1.6 49	106 2.5 47	99 16 41	98 2.9 36	106 24 25	99 3.5 29	100 -6.4 35	95 -1.7 23	103 24.8 43	107 6 29	108 11 28	
LEB 250451 99951436 LEB 250451	6	LEB 220144 BN 150197	90 48	102 46	103 44		103 27				88 0.69 49	107 -0.15 44			102 3.2 46	103 1.7 44	97 2.4 24	102 16 10	85 -1.8 18	98 -4.5 33	99 -2.6 8	108 27.4 39	110 7 19	104 8 17	
LEB 250457 99954174 LEB 250457	1	NRF 180042 LEB 150451	96 59	118 57	107 52	79 29	98 40	97 35	99 48	97 42	102 0.03 60	70 0.90 54	123 26 29	118 9.0 57	107 2.7 52	108 36 46	116 11.7 47	112 39 32	105 5.5 36	94 -1.6 45	109 -4.9 28	90 18.0 48	121 12 37	119 20 35	

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ID Number Name																								
LEB 250461 99954190 LEB 250461		NRF 180042 NH 160061	98 59	120 56	116 51	77 29	92 41	94 35	100 47	97 41	105 -0.10 60	63 1.10 53	125 28 29	120 9.6 56	116 4.7 51	115 52 45	120 13.9 44	115 45 24	116 9.9 27	88 3.7 45	98 -2.4 29	93 19.6 48	114 9 28	118 19 27
LEB 250463 6020016827 LEB 250463	1	NRF 180042 FB 210187	97 54	114 49	94 39	90 27	105 39	101 31	106 41	104 36	101 0.07 55	81 0.60 47	109 13 27	114 7.7 49	94 -0.5 39	102 22 38	111 9.2 42	101 13 20	107 6.5 22	89 3.2 42	113 -6.0 27	101 23.8 47	104 4 22	107 10 22
LEB 260478 6020391550 LEB 260478		JF 180021 NH 160058	93 40	113 44	108 39	86 22	92 33	92 28	100 37	96 32	98 0.23 40	77 0.70 40	113 17 22	113 7.4 44	108 2.8 39	110 41 35	115 11.3 26	110 34 22	107 6.5 25	98 -4.8 33	96 -1.9 19	90 17.7 46	108 6 26	108 11 25
LEB 260482 6020391568 LEB 260482		JF 180021 DN 110020	80 43	108 48	109 44	89 20	102 34	100 29	102 39	101 34	83 0.98 43	91 0.30 41	110 14 20	108 5.4 48	109 3.0 44	108 37 37	108 7.8 30	102 16 22	104 5.4 25	110 -14.6 38	109 -5.0 19	88 17.0 46	99 2 26	103 7 25
LEB 260485 6020391576 LEB 260485		JF 180021 DN 110043	103 44	112 52	103 47	92 27	98 36	99 32	107 43	103 38	105 -0.10 44	91 0.32 43	106 11 27	112 6.9 52	103 1.7 47	108 36 42	115 11.3 32	104 21 27	115 9.6 30	107 -12.4 38	101 -3.0 22	92 18.6 48	107 6 30	109 12 29
LEB 260489 6020391592 LEB 260489	1	JF 180021 LEB 190724	91 41	101 49	104 39	92 24	96 35	92 29	93 40	92 34	92 0.50 42	92 0.28 38	106 10 24	101 3.0 49	104 2.0 39	101 21 37	103 5.2 34	93 -5 23	84 -2.4 25	100 -6.2 38	100 -2.9 23	93 19.3 44	102 3 26	97 3 25
LEB 260490 6020391600 LEB 260490		JF 180021 LEB 200020	97 40	108 49	103 37	101 19	94 35	98 28	109 38	104 33	100 0.13 41	87 0.42 33	97 2 19	108 5.5 49	103 1.6 37	110 40 35	109 8.1 32	102 16 16	100 3.7 19	95 -2.3 39	97 -2.3 21	95 20.5 44	109 7 19	103 7 18
LEB 260493 6020391626 LEB 260493	4	JF 180021 NRF 210265	90 40	120 49	103 33	87 17	101 29	102 25	111 36	107 30	93 0.44 42	82 0.56 33	113 17 17	120 9.8 49	103 1.7 33	112 44 33	121 14.3 28	108 30 11	110 7.8 16	105 -10.3 32	101 -3.1 13	97 21.8 42	116 10 17	118 18 16
LEB 260513 6020624695 LEB 260513	14	NRF 180042 NRF 200210	93 59	123 54	118 46	79 18	96 33	101 30	109 42	105 36	99 0.15 61	69 0.94 48	122 25 18	123 10.7 54	118 5.1 46	121 63 39	121 14.1 41	112 38 13	123 12.5 20	94 -1.7 39	102 -3.4 14	93 19.4 46	118 11 23	124 23 21
LEB 260520 6020846710 LEB 260520		LEB 220126 LEB 230049	85 51	116 50	124 33	85 15	118 26	123 25	122 36	123 30	88 0.72 55	86 0.46 34	113 17 15	116 8.2 50	124 6.6 33	125 72 33	117 12.4 36	111 37 26	109 7.4 30	102 -7.6 32	117 -6.8 14	113 30.3 33	115 10 31	116 17 29
LEB 260524 6020846736 LEB 260524	2	LEB 220126 LEB 230061	99 52	100 50	117 36	100 15	116 27	120 25	116 36	118 30	101 0.08 55	87 0.43 37	97 2 15	100 2.6 50	117 5.1 36	116 53 34	105 6.1 36	93 -5 22	88 -0.7 26	109 -13.9 33	113 -6.0 13	110 28.8 35	100 2 27	101 6 25
LEB 260525 6020846744 LEB 260525	1	LEB 220126 LEB 230054	100 52	102 50	120 36	96 16	110 28	114 26	113 37	114 32	102 0.00 55	86 0.45 37	101 6 16	102 3.2 50	120 5.8 36	118 57 34	104 5.8 36	95 1 26	89 -0.5 29	102 -8.3 33	109 -4.9 16	108 27.7 36	109 7 29	107 10 28

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Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
LEB 260528 6020846769 LEB 260528	1	JF 180021 LEB 180666		99 40	103 46	101 42	102 25	117 35	117 29	115 39	117 34	100 0.11 40	93 0.25 41	96 1 25	103 3.8 46	101 1.3 42	105 30 38	102 4.5 26	98 6 22	75 -5.7 25	119 -22.0 38	119 -7.3 22	101 23.5 44	112 8 26	106 9 24
LEB 260536 6020846827 LEB 260536		NRF 180042 SW 170951		104 58	113 56	96 52	80 35	96 37	88 35	89 47	87 41	107 -0.21 59	84 0.49 53	122 25 35	113 7.4 56	96 0.0 52	97 11 48	109 8.2 46	107 27 24	105 5.8 27	89 3.1 40	101 -3.0 23	97 21.7 48	115 10 28	111 14 27
LEB 260539 6020846843 LEB 260539	3	LEB 220126 LEB 230003		89 49	108 50	112 30	93 10	92 22	94 22	103 33	98 28	91 0.56 53	91 0.31 31	104 9 10	108 5.3 50	112 3.8 30	113 48 30	110 8.7 33	103 19 19	104 5.5 22	75 14.8 30	96 -2.0 7	103 24.7 30	105 4 23	103 8 22

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★★								
1	LEB 230065	LEB 230065	LEB 150471	BN 140041	0.0	112 72	85 70	131 54	106 24	126 42	131 38	112 53	122 46
2	LEB 240227	LEB 240227	LEB 150471	LEB 130337	25.1	107 71	95 51	144 50	92 12	121 27	130 28	118 39	124 34
					★★★★★								
1	LEB 240203	LEB 240203	LEB 150471	DN 160108	0.2	106 72	87 56	140 56	100 25	117 38	125 35	112 47	118 41
2	LEB 240224	LEB 240224	LEB 150471	LEB 140416	0.2	103 72	91 55	134 56	94 26	118 41	122 36	109 47	116 42
					★★★★★								
1	LEB 230070	LEB 230070	LEB 150471	NH 160061	0.2	99 72	103 71	134 55	88 28	111 42	118 39	113 54	116 46
2	LEB 240260	LEB 240260	LEB 150471	NH 160027	0.1	92 72	101 56	141 55	89 34	110 43	118 38	114 49	117 44
3	LEB 240283	LEB 240283	LEB 150471	NH 160061	0.2	118 71	90 55	137 55	91 28	108 42	112 36	102 48	107 42
					★★★★								
1	LEB 220126	LEB220126	LEB 190710	LEB 170568	0.3	80 76	120 73	112 48	87 22	104 37	108 36	116 52	113 44
2	LEB 240200	LEB 240200	JF 190091	LEB 170578	0.6	100 69	101 52	102 47	101 22	110 31	109 30	108 41	108 36
3	LEB 240211	LEB 240211	JF 190091	LEB 190732	0.3	103 68	100 52	113 39	94 20	107 33	106 29	104 41	105 35
4	LEB 240234	LEB 240234	LEB 190758	DN 100029	0.2	111 72	107 59	111 51	90 25	100 37	101 34	104 47	103 40
					★★★★								
1	JF 180021	JF180021	JA 100018	JF 130043	0.1	88 30	119 67	101 42	88 30	99 48	99 37	110 52	105 44
2	LEB 240199	LEB 240199	JF 190091	LEB 180660	0.5	106 68	104 50	108 44	92 28	100 35	99 32	100 42	99 37
3	LEB 240232	LEB 240232	JF 190091	LEB 200032	0.1	100 67	96 51	108 31	107 18	91 33	94 28	98 39	96 34

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★★								
1	LEB 170577	LEB 170577	T 100315	LEB 150457	0.3	63 77	123 70	124 79	83 33	135 53	138 47	135 61	138 54
2	LEB 180629	LEB 180629	LEB 150471	LEB 160485	1.8	108 74	92 67	137 74	103 36	131 49	138 45	125 59	132 52
3	LEB 180645	LEB 180645	LEB 150471	LEB 150463	0.2	88 74	105 66	148 73	83 32	138 51	138 44	132 58	136 51
4	LEB 180647	LEB 180647	LEB 150471	LEB 150457	0.2	93 74	98 67	129 75	87 39	138 51	138 46	116 60	127 53
5	LEB 180666	LEB 180666	LEB 150471	LEB 160524	1.8	110 75	88 64	102 72	120 36	136 50	137 44	121 57	129 50
6	LEB 190712	LEB190712	LEB 150471	LEB 150457	0.2	115 75	78 74	144 70	91 35	136 49	135 45	104 61	119 53
7	LEB 220046	LEB220046	LEB 190710	LEB 180645	0.3	62 70	132 71	145 45	78 20	121 38	138 35	138 50	139 42
8	LEB 230049	LEB 230049	LEB 190758	LEB 180645	0.4	90 71	111 71	136 48	83 26	131 41	138 37	127 52	133 44
9	LEB 230061	LEB 230061	LEB 150471	LEB 130381	0.0	118 72	80 71	123 57	118 28	128 46	134 40	116 55	125 48
10	LEB 230067	LEB 230067	LEB 150471	NH 160071	0.5	99 72	106 71	136 54	97 27	123 41	136 38	133 54	136 46
11	LEB 240237	LEB 240237	LEB 150471	NH 160071	0.5	100 71	105 55	136 54	98 27	123 41	135 36	132 47	135 42
						★★★★★							
1	DN 170172	DN 170172	LEB 090669	DN 060033	0.1	108 77	88 76	101 76	116 38	125 52	124 48	110 64	117 56
2	LEB 170578	LEB 170578	T 100315	LEB 140435	25.0	102 76	102 71	100 81	106 37	128 45	128 45	120 60	125 52
3	LEB 190732	LEB190732	LEB 150471	LEB 140424	1.8	96 75	104 71	122 62	90 24	122 49	124 41	115 56	120 48
4	LEB 210005	LEB210005	T 120058	LEB 150454	0.0	89 73	117 56	109 55	90 32	119 52	121 40	123 51	123 46
5	LEB 210030	LEB210030	LEB 190749	LEB 120288	0.0	99 76	114 73	96 61	93 25	123 46	120 41	120 56	121 48
6	LEB 220098	LEB220098	LEB 190710	LEB 180647	0.3	62 71	126 71	128 46	81 22	120 39	129 36	130 51	130 44
7	LEB 230054	LEB 230054	LEB 150471	LEB 100240	0.4	120 72	83 71	128 55	110 29	116 45	123 40	109 55	116 48
8	LEB 230075	LEB 230075	LEB 150471	DN 130152	0.2	106 73	61 72	148 55	111 30	117 41	120 39	93 55	105 47
9	LEB 230096	LEB 230096	LEB 150471	LEB 130352	0.0	119 72	84 71	134 56	103 28	120 42	125 39	109 54	117 46
10	LEB 230099	LEB 230099	LEB 150471	DN 110043	0.2	116 73	100 73	126 58	100 32	118 46	125 41	121 57	124 49
11	LEB 230138	LEB 230138	LEB 150471	BN 140131	0.0	111 71	82 56	139 52	107 20	117 40	126 34	109 46	117 40
12	LEB 230155	LEB 230155	LEB 150471	LEB 140423	1.8	99 71	104 54	125 53	92 25	121 41	125 35	119 46	123 40
13	LEB 240190	LEB 240190	JF 190091	LEB 180645	0.2	113 68	95 50	130 43	90 23	118 33	120 30	108 41	114 36
14	LEB 240206	LEB 240206	LEB 150471	BN 140046	0.3	120 71	83 54	119 54	112 27	119 41	123 35	107 47	115 41
15	LEB 240217	LEB 240217	LEB 150471	LEB 130376	2.0	89 71	104 56	113 56	115 25	117 42	128 36	129 48	130 42

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★★								
16	LEB 240222	LEB 240222	LEB 150471	T 160145	0.9	111 72	72 56	142 56	114 30	114 43	123 37	104 49	113 43
17	LEB 240245	LEB 240245	LEB 190758	LEB 180629	0.3	99 71	104 56	127 48	93 27	119 36	125 33	120 45	123 39
18	LEB 240253	LEB 240253	LEB 150471	BN 140041	0.0	114 71	83 54	131 54	108 24	123 42	129 35	111 47	120 41
19	LEB 240259	LEB 240259	LEB 190758	LEB 190712	0.4	94 69	100 58	131 47	88 27	122 36	124 34	112 46	118 40
20	LEB 240267	LEB 240267	LEB 150471	LEB 130352	0.0	112 71	83 56	135 56	102 28	119 42	124 37	107 48	115 42
21	LEB 240274	LEB 240274	LEB 150471	BN 140131	0.0	110 71	82 56	139 52	107 20	117 40	126 34	110 46	118 40
22	LEB 240275	LEB 240275	LEB 150471	LEB 120271	0.4	116 71	88 55	121 55	115 30	114 42	122 37	115 48	119 42
23	LEB 240288	LEB 240288	LEB 150471	LEB 140420	0.3	96 71	98 57	140 56	92 27	119 43	127 37	118 49	123 43
24	LEB 240299	LEB 240299	LEB 150471	LEB 140435	1.8	106 71	91 55	120 56	108 27	122 41	126 36	115 48	121 42
25	NH 160071	NH 160071	DH 110016	LRC 140055	0.1	91 74	122 68	123 72	94 25	115 51	128 43	138 58	135 50
						★★★★☆							
1	BN 220740	BN 220740	BN 160309	LEB 110230	0.1	115 39	88 69	109 52	116 25	110 37	114 35	108 51	111 43
2	LEB 140420	LEB 140420	LEB 110211	LEB 000513	0.3	84 76	109 71	129 79	84 29	108 57	112 47	110 62	112 54
3	LEB 160507	LEB 160507	LEB 120286	LEB 130333	0.0	121 74	78 67	110 75	121 20	109 50	112 42	102 57	107 50
4	LEB 190716	LEB190716	LEB 150471	LEB 150472	1.8	84 76	96 72	108 63	97 34	120 49	115 43	105 59	109 51
5	LEB 210004	LEB210004	T 120058	DN 180191	0.0	94 74	113 60	101 64	103 32	113 53	117 42	124 55	122 48
6	LEB 210012	LEB210012	T 120058	LEB 180672	0.0	115 72	100 72	97 56	102 35	115 52	112 43	111 58	112 50
7	LEB 220018	LEB220018	LEB 190758	LEB 190782	0.7	101 70	103 72	97 47	106 28	111 38	112 37	111 52	112 44
8	LEB 220062	LEB220062	T 100315	BN 140132	0.0	105 72	96 73	96 58	103 26	120 50	115 42	106 57	110 50
9	LEB 220063	LEB220063	LEB 170603	NH 160071	0.5	94 71	100 71	118 52	111 27	103 43	113 39	116 54	115 46
10	LEB 220101	LEB220101	LEB 190710	LEB 170549	0.3	63 70	119 71	119 45	89 18	103 40	110 35	119 50	115 42
11	LEB 220120	LEB220120	LEB 170603	LEB 130376	6.3	85 71	106 72	92 53	122 23	103 41	110 38	123 53	117 46
12	LEB 220137	LEB220137	LEB 190758	LEB 190772	0.3	94 70	113 72	100 45	98 23	110 40	112 36	119 51	116 44
13	LEB 220161	LEB220161	T 100315	SVH 130173	0.6	97 72	105 56	100 58	96 32	113 47	110 39	109 50	109 44
14	LEB 230043	LEB 230043	LEB 190758	LEB 180660	0.4	91 70	118 71	113 48	85 31	109 38	112 37	115 53	114 45
15	LEB 230150	LEB 230150	LEB 150471	ANS 160146	0.0	113 72	85 55	123 55	106 33	108 41	111 37	101 48	105 42
16	LEB 230152	LEB 230152	LEB 150471	JS100116	0.0	105 71	89 51	117 52	109 23	110 38	114 33	106 44	109 38

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★☆								
17	LEB 240205	LEB 240205	LEB 150471	LEB 150475	1.8	107 72	90 57	108 57	108 25	115 40	115 36	104 48	109 42
18	LEB 240226	LEB 240226	LEB 150471	LEB 160486	1.9	118 71	88 55	117 55	95 25	113 40	111 35	98 47	103 41
19	LEB 240238	LEB 240238	LEB 150471	BN 150197	0.0	102 71	90 53	120 53	98 24	112 40	111 34	101 46	105 40
20	LEB 240248	LEB 240248	LEB 150471	LEB 150451	1.8	99 72	96 55	128 57	93 26	115 41	117 36	108 48	113 42
21	LEB 240249	LEB 240249	LEB 150471	MII 160403	0.6	109 71	87 54	110 55	116 28	108 37	112 35	106 46	109 40
22	LEB 240276	LEB 240276	LEB 150471	NH 160058	0.0	100 71	99 52	132 52	92 28	108 39	114 34	109 45	111 40
23	LEB 240282	LEB 240282	LEB 150471	LEB 130401	0.2	115 71	90 55	129 56	102 26	111 42	117 36	109 48	113 42
24	LEB 240287	LEB 240287	LEB 190758	LEB 210030	0.2	93 70	115 57	106 43	89 23	115 35	116 32	118 44	117 38
25	LEB 240289	LEB 240289	LEB 150471	LEB 150479	1.8	97 71	97 55	119 56	93 27	116 41	115 36	106 47	110 42
						★★★★							
1	BN 140046	BN 140046	BN 090714	CSN020012M	0.0	111 70	89 65	87 73	118 27	108 53	104 44	99 57	101 50
2	DN 110020	DN 110020	AW 040007	DN 970499	0.0	72 80	97 68	116 76	89 26	106 48	101 43	94 58	97 50
3	DN 120079	DN 120079	AW 030002	DN 060009	0.0	104 84	117 80	105 83	100 46	97 56	105 52	122 69	114 60
4	DN 160108	DN 160108	LEB 090669	DN 120118	0.9	89 76	92 72	129 78	97 24	104 43	108 42	103 58	105 50
5	FB 210187	STAAL	FB 110060	FB 110079	0.3	103 59	93 42	78 39	119 25	112 50	107 33	103 42	104 38
6	LEB 130373	LEB 130373	LEB 100331	LEB 040404	0.5	94 72	110 66	110 73	97 29	105 56	109 45	115 59	113 52
7	LEB 140416	LEB 140416	LEB 100273	LEB 030235	0.0	115 74	89 68	118 79	88 24	106 51	100 44	87 59	92 52
8	LEB 160506	LEB 160506	T 100315	LEB 120712	0.0	104 74	100 70	92 78	100 34	110 55	103 47	101 62	102 54
9	LEB 170570	LEB 170570	T 100315	LEB 120712	0.0	114 75	99 68	93 75	109 38	104 53	103 46	103 61	103 54
10	LEB 170574	LEB 170574	LEB 130392	LEB 150463	0.0	97 72	90 66	122 77	95 37	102 50	101 45	94 59	97 52
11	LEB 180660	LEB 180660	T 100315	LEB 030204	0.5	110 72	109 66	111 74	86 46	109 55	108 48	105 61	106 54
12	LEB 210007	LEB210007	T 120058	NH 160069	0.0	102 74	117 60	124 65	77 37	103 52	108 43	107 55	107 49
13	LEB 210008	LEB210008	T 120058	JS130010	0.0	89 71	115 50	96 51	101 30	101 51	104 38	117 48	111 43
14	LEB 210022	LEB210022	T 120058	ANS 160049	0.0	75 73	117 71	98 55	110 36	101 52	109 43	125 58	118 50
15	LEB 220017	LEB220017	LEB 190758	LEB 190812	0.2	89 70	109 72	108 43	98 27	100 41	103 37	112 52	108 44
16	LEB 220100	LEB220100	LEB 190710	LEB 170589	0.3	86 71	105 71	112 45	88 18	102 35	100 34	99 49	99 42
17	LEB 220109	LEB220109	LEB 170603	NH 160027	0.1	101 72	86 72	129 54	103 35	99 45	104 41	98 56	100 48

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★								
18	LEB 220113	LEB220113	LEB 170603	NH 160058	0.0	100 71	97 70	117 49	105 28	94 38	100 37	104 52	102 44
19	LEB 220117	LEB220117	LEB 170603	MII 160166	0.3	96 70	84 71	107 51	121 30	106 42	109 39	104 54	106 46
20	LEB 220159	LEB220159	LEB 170603	LEB 080484	0.2	114 71	84 72	113 54	118 30	103 43	108 39	104 55	106 47
21	LEB 230029	LEB 230029	LEB 200153	LEB 160507	0.9	120 69	75 70	112 44	117 14	99 31	100 31	90 47	94 39
22	LEB 230032	LEB 230032	LEB 190710	BN 140046	0.3	77 70	103 71	112 46	100 19	102 35	104 34	108 50	106 42
23	LEB 230035	LEB 230035	LEB 190710	DN 160108	9.5	76 71	107 72	130 47	89 10	99 27	106 30	110 47	108 38
24	LEB 230036	LEB 230036	LEB 190710	LEB 150451	0.3	77 71	114 72	118 47	85 19	97 36	100 35	105 50	103 42
25	LEB 230046	LEB 230046	LEB 190758	LEB 170586	0.3	111 71	102 72	82 50	101 31	110 38	101 38	101 53	101 46
26	LEB 230053	LEB 230053	LEB 190710	LEB 130373	2.4	82 71	109 71	123 46	91 16	100 35	106 33	112 49	109 41
27	LEB 230077	LEB 230077	180227N	LEB 190712	0.0	107 69	77 72	121 40	96 21	113 31	106 32	87 48	95 40
28	LEB 230078	LEB 230078	180227N	DN 180189	0.0	117 70	70 71	114 40	116 9	102 25	100 28	85 45	91 36
29	LEB 230147	LEB 230147	LEB 150471	LEB 140415	0.0	96 71	94 50	134 52	91 23	102 40	106 34	101 44	103 39
30	LEB 240170	LEB 240170	LEB 200153	LEB 210005	0.0	88 63	111 49	107 36	92 19	105 32	106 28	111 38	109 33
31	LEB 240195	LEB 240195	JF 190091	LEB 160507	0.2	99 69	93 51	107 44	112 19	100 33	103 30	104 41	103 36
32	LEB 240202	LEB 240202	JF 190091	LEB 190716	0.3	113 68	90 52	106 39	98 24	105 33	100 30	92 41	95 36
33	LEB 240244	LEB 240244	LEB 190758	LEB 170570	0.3	94 71	110 56	105 48	95 28	106 37	107 34	112 46	110 40
34	LEB 240277	LEB 240277	LEB 190758	NRF 200210	0.7	89 70	114 53	122 45	87 29	101 36	107 33	113 44	110 38
35	LEB 240294	LEB 240294	LEB 190758	FB 210187	0.2	93 68	106 49	98 37	100 24	110 36	108 30	110 41	109 36
36	MII 160166	MII 160166	SS 110034	MII 110144	0.1	91 67	98 60	94 72	108 33	111 43	107 41	104 53	105 47
37	NRF 200210	NRF 200210	FF 080166	NRF 050065	0.0	95 76	110 61	127 66	88 40	94 50	101 43	109 56	105 50
38	NRF 210265	NRF 210265	NRF 180042	NRF 120530	8.2	91 74	122 71	105 52	85 30	103 39	104 38	113 53	109 46
39	T 160145	T 160145	LEB 060108	T 110145	1.1	118 74	55 74	133 78	122 42	98 59	100 50	81 65	89 58
						★★★★							
1	DN 110043	DN 110043	AW 030002	DN 020019	0.0	118 83	105 80	105 83	95 45	97 54	98 51	104 68	101 60
2	EW 130058	EW1358	A 080085	GJ 050057	0.0	112 74	103 74	49 83	122 60	106 55	95 53	102 68	98 60
3	FB 200037	DUMA	FB 130022	FB 150043	0.0	116 46	93 29	92 32	108 16	94 49	90 28	90 33	89 30
4	LEB 120271	LEB 120271	FF 060158	LUC 050008	0.0	126 74	87 66	91 76	124 36	98 54	99 46	102 60	100 53

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
						★★★★								
5	LEB 130401	LEB 130401	LEB 100273	TTT 980015	0.0	121 74	93 68	108 79	101 25	92 55	91 45	93 60	91 52	
6	LEB 140434	LEB 140434	T 100315	HHN 980040	1.4	121 76	83 69	87 75	101 35	106 56	91 47	79 61	84 54	
7	LEB 150451	LEB 150451	T 100315	LEB 030719	0.0	101 76	100 69	106 78	87 32	99 54	92 46	87 61	88 54	
8	LEB 170589	LEB 170589	T 100315	JSN100130	0.0	104 74	100 63	89 71	89 27	105 52	92 43	86 56	88 50	
9	LEB 190748	LEB190748	T 100315	JSN100130	0.0	121 78	82 74	98 71	89 34	114 52	97 46	74 62	83 54	
10	LEB 220064	LEB220064	T 100315	BN 140157	0.0	116 71	89 73	99 56	95 32	104 50	94 42	86 58	88 50	
11	LEB 220076	LEB220076	LEB 170603	T 160145	1.4	125 71	50 72	128 54	126 31	98 46	98 41	78 56	86 48	
12	LEB 230001	LEB 230001	LEB 200153	LEB 200032	0.0	109 64	93 53	109 32	103 16	91 30	92 27	94 38	92 32	
13	LEB 230002	LEB 230002	LEB 200153	LEB 200020	1.6	100 65	108 70	102 38	102 14	91 30	95 30	107 46	101 38	
14	LEB 230039	LEB 230039	LEB 190758	LEB 160529	0.0	86 68	107 70	105 45	96 20	96 29	96 32	104 48	100 40	
15	LEB 230050	LEB 230050	180227N	DN 110020	0.0	85 70	92 71	105 42	94 15	100 30	92 31	86 47	88 39	
16	LEB 230079	LEB 230079	180227N	LEB 190782	0.0	102 69	97 72	87 40	110 24	101 31	97 33	97 49	96 41	
17	LEB 230080	LEB 230080	180227N	LEB 170570	0.0	94 69	97 71	94 42	104 23	98 32	93 33	95 49	93 41	
18	LEB 230084	LEB 230084	180227N	LEB 210023	0.0	97 69	104 72	102 37	94 20	99 32	96 32	99 48	97 40	
19	LEB 230085	LEB 230085	180227N	LEB 200837	0.0	75 69	98 72	100 38	101 20	96 29	91 31	94 47	92 39	
20	LEB 230089	LEB 230089	180227N	LEB 180614	0.0	98 69	85 71	96 42	119 24	99 32	97 33	94 49	95 41	
21	LEB 230107	LEB 230107	NRF 190129	NRF 200210	1.8	89 70	99 68	114 42	94 24	98 34	98 33	99 48	98 40	
22	LEB 230108	LEB 230108	180227N	LEB 190716	0.0	96 69	87 56	103 36	98 22	106 30	96 29	86 41	90 35	
23	LEB 230110	LEB 230110	180227N	LEB 210007	0.0	90 69	104 70	110 37	87 21	98 32	94 32	94 47	93 40	
24	LEB 230120	LEB 230120	LEB 170546	LEB 150481	12.5	87 68	104 45	110 46	87 14	100 26	97 26	95 36	95 31	
25	LEB 230122	LEB 230122	LEB 170546	NH 160058	0.0	102 68	100 43	107 42	86 21	97 32	91 28	87 37	87 32	
26	LEB 230162	LEB 230162	LEB 170603	T 160157	0.0	100 70	88 53	111 50	105 28	93 33	92 32	90 44	90 38	
27	LEB 230164	LEB 230164	LEB 170573	LEB 170569	0.1	96 70	93 51	94 48	100 27	101 36	92 33	89 43	89 38	
28	LEB 230165	LEB 230165	LEB 170603	130022N	0.0	90 69	92 48	107 44	116 24	93 32	98 30	103 40	100 35	
29	LEB 230167	LEB 230167	LEB 170603	LEB 140447	12.5	114 70	84 55	113 53	111 22	90 32	93 32	90 44	90 38	
30	LEB 240192	LEB 240192	JF 190091	LEB 160506	0.4	87 69	105 52	98 46	99 23	100 35	98 31	104 43	101 37	
31	LEB 240193	LEB 240193	JF 190091	LEB 170542	0.0	77 66	108 44	113 38	96 16	89 24	93 24	105 34	99 29	
32	LEB 240215	LEB 240215	JF 190091	LEB 170589	0.4	103 69	100 49	97 43	94 21	98 34	91 30	91 41	90 36	
33	LEB 240216	LEB 240216	JF 190091	DN 110020	0.1	103 70	92 51	110 45	94 21	98 33	93 30	89 41	90 36	

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★								
34	LEB 240242	LEB 240242	LEB 200153	DN 110043	0.2	98 70	107 57	105 48	95 25	95 33	95 32	104 45	99 38
35	LEB 240257	LEB 240257	LEB 190758	LEB 200006	0.2	102 70	100 53	118 42	95 24	93 36	96 32	100 43	97 38
36	LEB 240284	LEB 240284	LEB 190758	LEB 190724	0.3	84 70	102 57	113 45	91 27	101 37	99 33	98 45	98 39
37	NH 160027	NH 160027	BN 090561	BN 110267	0.0	106 81	105 70	133 76	80 50	88 58	93 50	92 65	91 58
					★★								
1	DN 100029	DN 100029	AW 030002	DN 930131	0.0	115 83	95 80	105 82	95 30	93 53	89 48	91 65	89 56
2	LEB 140447	LEB 140447	T 100315	LEB 980047	0.0	109 75	94 68	112 78	94 39	81 55	80 48	84 62	81 55
3	LEB 150479	LEB 150479	T 100315	JSN100130	0.0	107 73	99 66	89 76	87 31	100 53	86 45	79 59	81 52
4	LEB 160486	LEB 160486	T 100315	LEB 130351	0.5	124 72	91 68	85 77	90 34	96 53	80 46	72 60	74 53
5	LEB 170551	LEB 170551	LEB 130392	LEB 140416	0.0	117 75	74 70	100 80	97 34	96 52	80 46	65 61	70 54
6	LEB 170586	LEB 170586	T 100315	VEN 050023	0.0	114 76	73 70	51 79	120 46	111 53	84 49	68 63	74 56
7	LEB 170596	LEB 170596	T 100315	LEB 060199	0.5	126 76	81 66	72 74	101 42	102 55	81 47	67 61	72 54
8	LEB 190783	LEB190783	T 100315	LEB 140415	0.0	102 78	105 74	94 70	75 36	105 51	89 46	74 61	80 54
9	LEB 230003	LEB 230003	LEB 200153	LEB 200003	0.1	99 65	95 71	111 39	101 17	79 36	81 33	89 48	84 40
10	LEB 230004	LEB 230004	LEB 200153	LEB 200004	0.3	106 63	98 71	97 38	111 14	84 31	86 30	96 46	91 38
11	LEB 230006	LEB 230006	LEB 200153	LEB 200023	0.5	76 68	109 70	112 38	96 15	85 30	89 30	104 46	96 38
12	LEB 230010	LEB 230010	LEB 200153	LEB 200006	0.1	92 68	96 69	112 37	102 17	85 31	87 31	94 46	90 38
13	LEB 230011	LEB 230011	LEB 200153	LEB 200024	0.0	109 68	81 70	114 38	110 14	85 30	86 30	83 46	83 38
14	LEB 230018	LEB 230018	LEB 200153	LEB 170547	6.3	116 69	91 53	97 43	95 16	96 28	87 28	84 40	84 34
15	LEB 230028	LEB 230028	LEB 190758	LEB 200022	0.3	116 69	107 72	98 42	96 19	87 36	88 34	99 49	93 42
16	LEB 230082	LEB 230082	180227N	LEB 190744	0.0	84 69	101 72	122 40	75 25	95 32	88 33	77 49	81 41
17	LEB 230086	LEB 230086	180227N	LEB 190783	0.0	92 69	97 72	95 39	87 23	99 31	85 32	79 49	81 40
18	LEB 230088	LEB 230088	180227N	LEB 170542	0.0	95 67	92 50	109 35	96 6	90 18	85 22	86 33	84 28
19	LEB 230141	LEB 230141	LEB 170546	VEN 050023	0.0	108 68	87 47	80 48	107 20	97 33	84 30	78 40	79 35
20	LEB 240196	LEB 240196	JF 190091	LEB 170586	0.4	122 69	86 52	78 46	111 28	101 34	89 32	82 43	84 38
21	LEB 240197	LEB 240197	JF 190091	LEB 190757	0.4	109 68	94 52	102 41	94 21	94 34	88 30	86 41	86 36
22	LEB 240213	LEB 240213	JF 190091	LEB 190783	0.4	101 68	102 53	99 42	85 25	98 34	89 31	85 42	85 36

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★								
23	LEB 240214	LEB 240214	JF 190091	LEB 170551	0.1	122 69	78 52	102 47	98 23	93 34	81 31	71 43	74 37
24	LEB 240231	LEB 240231	JF 190091	LEB 200849	0.0	114 68	92 50	86 39	105 15	88 25	80 26	83 37	80 32
25	LEB 240233	LEB 240233	JF 190091	ZZN 200014	0.0	81 68	104 49	100 29	99 16	86 24	85 24	95 35	89 30
26	NH 160058	NH 160058	BN 090561	NH 120312	0.0	98 74	108 58	115 66	84 31	84 44	85 40	91 52	87 46
27	NH 160061	NH 160061	BN 090561	NH 130011	0.0	103 74	104 66	123 75	83 34	85 55	87 46	90 60	87 53
28	T 160116	T 160116	T 090143	T 090161	0.8	116 72	88 66	107 74	107 43	88 56	88 48	88 61	87 54
29	T 160289	T 160289	T 100135	T 130466	0.0	119 70	86 60	73 72	125 31	91 52	85 43	90 56	86 50
						★★							
1	ANS 160146	ANS 160146	GMD 070220	ANS 050213	0.0	118 76	82 66	96 77	107 44	84 50	77 46	75 61	74 54
2	BN 150197	BN 150197	MCS 080458	CSN020213	0.0	96 70	91 62	90 71	95 7	93 49	79 38	76 52	75 45
3	LEB 200024	LEB200024	T 120424	LUC 050002	0.0	107 74	55 71	122 59	120 15	77 47	75 39	64 54	67 46
4	LEB 230146	LEB 230146	180227N	ZZN 200014	0.0	86 69	92 54	96 25	99 7	87 18	79 21	81 34	78 28
5	MII 160403	MII 160403		CS 100303	0.0	111 70	83 64	70 77	126 30	86 41	77 41	83 55	79 48
6	SW 170951	SW170951	SW 090661	SW 100951	0.0	117 72	91 68	82 78	90 49	93 43	75 45	68 60	69 52

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★★								
1	LEB 250369	LEB 250369	LEB 190758	LEB 180645	0.4	84 58	112 56	136 48	84 26	127 37	134 33	126 45	131 39
						★★★★★							
1	LEB 260531	LEB 260531	JF 180021	LEB 170577	0.9	75 41	121 48	112 45	86 23	117 36	120 30	122 40	122 35
						★★★★★							
1	LEB 250338	LEB 250338	LEB 220126	LEB 220137	0.2	87 51	116 50	106 32	92 15	107 26	110 25	118 36	115 30
2	LEB 250368	LEB 250368	JF 180021	LEB 170578	1.1	95 41	110 49	101 46	95 21	114 32	113 29	115 39	114 34
3	LEB 250372	LEB 250372	JF 180021	LEB 180647	0.5	91 40	108 47	115 43	88 26	119 36	118 30	113 40	116 35
4	LEB 250384	LEB 250384	LEB 190758	LEB 190732	0.3	88 57	112 56	119 44	88 23	115 36	118 32	117 44	118 38
5	LEB 250389	LEB 250389	JF 180021	LEB 210005	0.2	89 40	118 44	105 35	89 22	109 36	110 28	116 37	114 32
6	LEB 250392	LEB 250392	JF 180021	LEB 210030	0.3	94 41	116 50	98 37	91 20	111 33	110 28	115 39	113 34
7	LEB 250396	LEB 250396	JF 180021	LEB 180629	0.6	98 40	106 47	119 43	94 25	115 34	119 29	117 39	119 34
8	LEB 250444	LEB 250444	NRF 180042	LEB 190712	0.7	103 59	107 58	127 49	80 31	117 39	118 35	107 47	112 41
9	LEB 260538	LEB 260538	LEB 220126	LEB 230099	3.0	98 52	110 51	119 37	92 15	111 26	117 25	119 37	118 31
						★★★★★							
1	LEB 250304	LEB 250304	JAC 210244	FHG 210586	3.7	107 49	82 43	95 37	109 20	111 22	102 24	88 33	94 28
2	LEB 250340	LEB 250340	JF 180021	LEB 210004	0.1	91 40	116 45	101 38	95 22	106 36	108 28	117 38	113 33
3	LEB 250345	LEB 250345	JF 180021	LEB 180660	0.9	99 39	114 47	106 43	87 28	104 36	104 30	107 40	106 35
4	LEB 250347	LEB 250347	JF 190091	DN 170172	0.1	106 56	93 54	103 45	109 25	108 34	107 31	103 43	105 37
5	LEB 250352	LEB 250352	JF 180021	LEB 160507	0.4	105 40	98 47	106 43	105 18	104 35	106 29	106 38	106 34
6	LEB 250353	LEB 250353	LEB 220126	LEB 220109	3.3	90 52	103 50	121 35	93 17	102 25	105 25	107 36	106 30
7	LEB 250363	LEB 250363	LEB 220126	LEB 220017	1.7	84 51	115 50	110 32	92 15	102 24	106 24	114 35	110 30
8	LEB 250365	LEB 250365	JF 180021	LEB 210008	0.0	89 38	117 42	99 33	94 22	100 35	101 27	113 36	108 32
9	LEB 250366	LEB 250366	LEB 220126	LEB 220161	7.0	88 52	112 45	106 37	91 13	109 24	109 24	112 33	111 28
10	LEB 250374	LEB 250374	LEB 220126	LEB 220120	3.3	82 51	113 50	102 35	103 14	104 24	109 24	120 35	115 30
11	LEB 250379	LEB 250379	LEB 220126	LEB 170574	0.1	91 52	105 49	117 45	91 20	103 30	105 28	105 39	105 34
12	LEB 250414	LEB 250414	LEB 220126	LEB 220063	3.3	87 51	110 50	115 34	96 14	104 24	109 24	116 35	113 30

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★								
13	LEB 250427	LEB 250427	LEB 220144	LEB 120271	0.2	105 51	100 49	104 48	99 24	105 36	104 31	104 42	103 36
14	LEB 250441	LEB 250441	NRF 180042	LEB 210022	0.1	86 58	127 57	103 44	86 31	99 40	103 34	118 46	111 40
15	LEB 250450	LEB 250450	LEB 220144	NH 160027	0.1	93 54	108 50	125 47	80 28	101 36	102 32	99 43	100 38
16	LEB 250452	LEB 250452	LEB 220144	LEB 100240	0.2	108 53	98 50	111 48	92 23	103 35	100 31	96 42	97 36
17	LEB 250454	LEB 250454	NRF 180042	LEB 140420	0.6	87 59	122 57	119 52	78 28	103 41	107 35	110 48	109 42
18	LEB 250458	LEB 250458	NRF 180042	BN 140132	0.0	103 58	110 58	105 49	89 22	105 40	104 34	106 46	105 40
19	LEB 250470	LEB 250470	NRF 180042	MII 160166	0.4	91 57	117 54	102 50	86 30	105 37	103 34	107 45	105 40
20	LEB 260486	LEB 260486	JF 180021	LEB 170570	0.7	101 40	109 48	97 43	96 25	101 36	100 30	107 40	103 35
21	LEB 260498	LEB 260498	JF 180021	DN 120079	0.3	96 45	118 52	103 47	93 28	98 37	102 32	116 43	109 38
22	LEB 260530	LEB 260530	JF 180021	LEB 180660	0.9	99 39	114 47	106 43	87 28	104 36	104 30	107 40	106 35
23	LEB 260532	LEB 260532	JF 180021	LEB 220062	0.7	97 39	107 49	98 36	95 20	110 35	106 28	108 38	107 33
24	LEB 260533	LEB 260533	JF 180021	LEB 210004	0.1	91 40	116 45	101 38	95 22	106 36	108 28	117 38	113 33
25	LEB 260535	LEB 260535	NRF 180042	DN 160108	0.3	90 60	114 58	119 52	83 27	101 37	104 34	106 47	105 40
26	LEB 260537	LEB 260537	NRF 180042	LEB 130373	0.8	92 58	123 56	109 50	83 27	102 41	105 35	112 47	109 41
27	LEB 260541	LEB 260541	JF 180021	LEB 160507	0.4	105 40	98 47	106 43	105 18	104 35	106 29	106 38	106 34
						★★★★☆							
1	LEB 250334	LEB 250334	JF 180021	LEB 170542	0.0	88 34	111 40	111 36	91 15	93 26	96 23	105 32	101 28
2	LEB 250348	LEB 250348	JF 190091	LEB 130373	0.2	98 54	104 50	107 44	98 21	98 36	99 30	105 41	102 36
3	LEB 250376	LEB 250376	JF 180021	LEB 170551	0.3	107 40	96 48	100 45	92 23	97 35	90 30	87 40	88 35
4	LEB 250377	LEB 250377	JF 180021	LEB 170589	0.8	96 40	110 46	95 41	89 21	102 36	96 29	98 38	96 34
5	LEB 250390	LEB 250390	JF 180021	LEB 200032	0.2	94 38	106 47	107 29	98 18	95 34	97 26	105 36	101 31
6	LEB 250410	LEB 250410	JF 180021	LEB 190748	0.8	107 41	100 50	100 41	89 24	107 36	98 30	92 41	94 36
7	LEB 250411	LEB 250411	LEB 220144	MII 160403	0.1	99 49	98 48	93 47	100 22	99 30	93 29	94 39	93 34
8	LEB 250415	LEB 250415	JF 180021	FB 200037	0.1	102 28	106 37	97 26	96 17	97 34	94 24	100 31	96 28
9	LEB 250464	LEB 250464	NRF 180042	LEB 160486	1.3	107 58	114 56	97 51	80 30	97 40	90 35	91 47	90 41
10	LEB 250469	LEB 250469	NRF 180042	LEB 150479	0.6	99 58	117 56	99 51	79 30	99 40	94 35	94 47	93 41
11	LEB 260492	LEB 260492	JF 180021	T 160289	1.1	104 37	102 45	87 42	108 21	95 35	93 28	100 38	96 33
12	LEB 260496	LEB 260496	JF 180021	DN 100029	0.3	115 44	107 52	103 46	91 21	96 36	95 31	100 42	97 36
13	LEB 260507	LEB 260507	JF 180021	LEB 170542	0.0	88 34	111 40	111 36	91 15	93 26	96 23	105 32	101 28
14	LEB 260527	LEB 260527	JF 180021	LEB 190783	0.7	95 41	112 50	97 41	81 24	102 35	94 30	92 40	92 35

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★★								
1	LEB 250339	LEB 250339	JF 180021	LEB 170577	0.9	75 41	121 48	112 45	86 23	117 36	120 30	122 40	122 35
2	LEB 260520	LEB 260520	LEB 220126	LEB 230049	0.5	85 51	116 50	124 33	85 15	118 26	123 25	122 36	123 30
3	LEB 260524	LEB 260524	LEB 220126	LEB 230061	2.1	99 52	100 50	117 36	100 15	116 27	120 25	116 36	118 30
						★★★★☆							
1	LEB 250323	LEB 250323	LEB 220126	LEB 220062	8.1	92 51	108 50	104 36	94 10	112 24	111 24	111 35	111 30
2	LEB 250385	LEB 250385	JF 180021	LEB 180666	0.6	99 40	103 46	101 42	102 25	117 35	117 29	115 39	117 34
3	LEB 250429	LEB 250429	LEB 220144	BN 220740	0.1	98 41	100 50	113 38	95 19	111 29	111 27	106 38	108 32
4	LEB 260525	LEB 260525	LEB 220126	LEB 230054	0.6	100 52	102 50	120 36	96 16	110 28	114 26	113 37	114 32
5	LEB 260528	LEB 260528	JF 180021	LEB 180666	0.6	99 40	103 46	101 42	102 25	117 35	117 29	115 39	117 34
						★★★★							
1	LEB 250336	LEB 250336	JF 190091	LEB 130337	0.2	100 56	103 51	121 45	91 24	101 36	104 31	104 42	104 36
2	LEB 250341	LEB 250341	JF 180021	LEB 210007	0.0	95 40	118 45	113 39	82 24	101 35	103 29	108 38	106 34
3	LEB 250344	LEB 250344	JF 180021	LEB 210012	0.5	116 39	110 49	99 35	94 23	107 35	106 28	110 39	108 34
4	LEB 250349	LEB 250349	JF 190091	LEB 130376	0.1	91 54	107 52	90 46	114 24	97 36	101 31	112 43	107 37
5	LEB 250355	LEB 250355	LEB 220126	LEB 220064	6.4	105 51	105 51	106 36	91 13	104 25	101 25	101 36	101 30
6	LEB 250364	LEB 250364	JF 180021	LEB 190716	0.6	86 41	107 49	105 38	92 24	109 34	107 29	107 39	107 34
7	LEB 250375	LEB 250375	LEB 220126	LEB 220117	3.3	88 51	102 50	110 34	102 15	105 24	108 24	110 35	109 30
8	LEB 250380	LEB 250380	LEB 220126	LEB 220076	3.6	102 52	85 50	120 35	109 16	101 25	104 25	97 36	100 30
9	LEB 250397	LEB 250397	JF 190091	NH 160071	0.2	97 54	110 51	114 43	96 20	103 34	109 30	117 41	113 36
10	LEB 250408	LEB 250408	LEB 220144	LEB 140416	0.1	98 51	101 49	117 48	84 19	109 34	106 30	96 40	100 35
11	LEB 250422	LEB 250422	LEB 220144	LEB 130401	0.1	101 51	103 50	112 49	89 20	102 36	101 31	99 41	99 36
12	LEB 250423	LEB 250423	LEB 220144	LEB 140434	12.9	110 51	98 48	102 46	90 13	110 27	101 26	92 37	96 32
13	LEB 250428	LEB 250428	LEB 220144	BN 140131	0.0	98 49	94 51	123 44	91 12	108 32	107 28	99 39	103 34
14	LEB 250463	LEB 250463	NRF 180042	FB 210187	0.5	97 54	114 49	94 39	90 27	105 39	101 31	106 41	104 36
15	LEB 260482	LEB 260482	JF 180021	DN 110020	0.1	80 43	108 48	109 44	89 20	102 34	100 29	102 39	101 34
16	LEB 260493	LEB 260493	JF 180021	NRF 210265	4.4	90 40	120 49	103 33	87 17	101 29	102 25	111 36	107 30
17	LEB 260513	LEB 260513	NRF 180042	NRF 200210	13.9	93 59	123 54	118 46	79 18	96 33	101 30	109 42	105 36

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
					★★★★								
1	LEB 250337	LEB 250337	JF 190091	BN 140046	0.0	107 54	94 50	96 44	110 21	99 34	98 30	97 41	97 36
2	LEB 250343	LEB 250343	JF 180021	LEB 170586	0.7	117 41	96 48	76 45	102 28	105 36	92 31	89 41	89 36
3	LEB 250357	LEB 250357	JF 180021	LEB 170596	0.9	107 41	100 47	86 43	94 26	101 36	90 30	89 40	88 35
4	LEB 250361	LEB 250361	JF 190091	T 160145	0.7	110 54	77 53	119 46	113 25	94 36	96 32	88 43	91 38
5	LEB 250362	LEB 250362	JF 190091	DN 160108	0.1	96 55	95 52	117 46	98 20	97 31	99 29	99 41	98 35
6	LEB 250437	LEB 250437	LEB 220144	ANS 160146	0.0	101 51	97 49	106 47	91 27	99 34	93 31	90 41	90 36
7	LEB 250457	LEB 250457	NRF 180042	LEB 150451	0.6	96 59	118 57	107 52	79 29	98 40	97 35	99 48	97 42
8	LEB 250461	LEB 250461	NRF 180042	NH 160061	0.1	98 59	120 56	116 51	77 29	92 41	94 35	100 47	97 41
9	LEB 260478	LEB 260478	JF 180021	NH 160058	0.0	93 40	113 44	108 39	86 22	92 33	92 28	100 37	96 32
10	LEB 260485	LEB 260485	JF 180021	DN 110043	0.3	103 44	112 52	103 47	92 27	98 36	99 32	107 43	103 38
11	LEB 260489	LEB 260489	JF 180021	LEB 190724	0.7	91 41	101 49	104 39	92 24	96 35	92 29	93 40	92 34
12	LEB 260490	LEB 260490	JF 180021	LEB 200020	0.1	97 40	108 49	103 37	101 19	94 35	98 28	109 38	104 33
13	LEB 260539	LEB 260539	LEB 220126	LEB 230003	2.9	89 49	108 50	112 30	93 10	92 22	94 22	103 33	98 28
					★★★								
1	LEB 250350	LEB 250350	JF 190091	SW 170951	0.0	110 54	95 51	93 46	94 29	92 31	82 31	81 42	80 36
2	LEB 250373	LEB 250373	JF 180021	LEB 200024	0.0	115 40	87 49	112 36	103 17	88 34	88 27	87 38	86 32
3	LEB 260536	LEB 260536	NRF 180042	SW 170951	0.0	104 58	113 56	96 52	80 35	96 37	88 35	89 47	87 41

	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.

