

Spring
2021

Holstein Sire Directory



BETTER COWS > BETTER LIFE

CRV, leading
in health and efficiency



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Information from CDCB 04.21 production and HA 04.21 type evaluations

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**LESS
FEED**

**SAME
AMOUNT
OF MILK**

With the best bulls for CRV Efficiency you will breed a herd that is more productive, has a higher longevity and a higher feed efficiency. The result is a higher efficiency, but you also contribute to lower methane emissions.



**Combined Fat &
Protein 133**

- ▲ Higher content levels and/or more lbs fat & protein
- ▲ \$7600 higher net profit



**Longevity
270**

- ▲ 135 days higher longevity
- ▲ \$4400 savings in replacement costs



**Feed Efficiency
104**

- ▲ 2% higher feed efficiency
- ▲ \$7100 higher net profit

097HO42425 ENGINEER



NEW **ERS**

PINE-TREE ENGINEER-ET

Pursuit x Prophecy x Delta
HO840003150687548

DOB: 11/15/19

99% RHA

GFI: 10.6%

Beta Casein: A2A2

Kappa Casein: AB

Sire: Pine-Tree-I Pursuit-ET

Dam: Pine-Tree 5976 Prop 7829-ET

CRV EFFICIENCY 13%

Longevity	427
Feed Efficiency	106
CFP	152

CRV HEALTH 4%

Hoof Health	100
Udder Health	102
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	718	Fat	99	Fat %	0.25
SCS	2.69	Protein	53	Protein %	0.11

HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis
6.4	3.3	101	102	106	106	102

CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
98	2.2	99	103	2.2

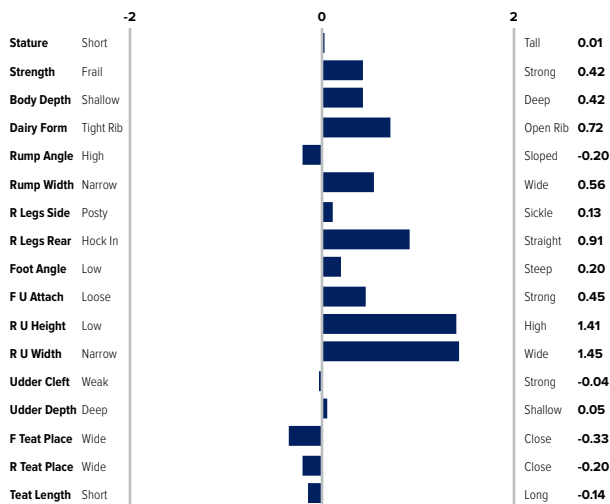
MILK ROBOT

Efficiency	Interval
103	104

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel

PTAT	FLC	UDC	LOC
1.08	0.90	0.75	99



INDEXES

\$CM	898	NVI	230
\$NM	840	\$GM	745
\$FM	720	\$GTPI	2986

CDCB HEALTH

Metritis	1.1	DA	0.5
Retained Placenta	0.1	Milk Fever	0.2

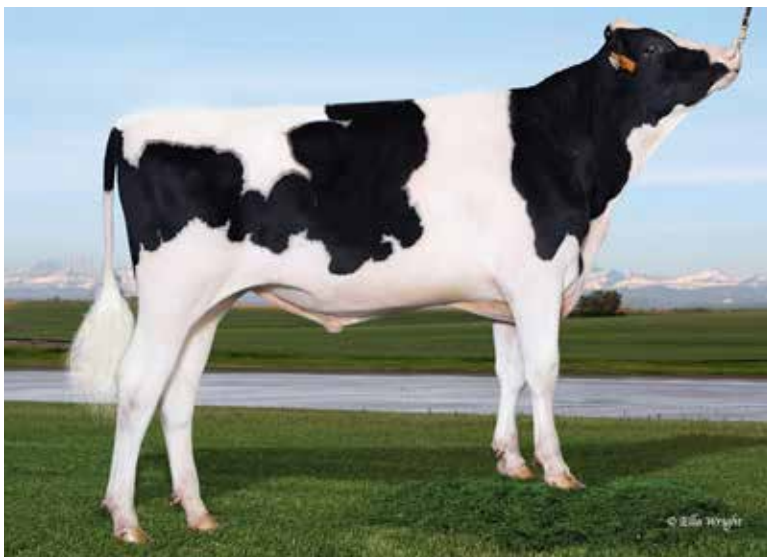
FEED EFFICIENCY

Feed Saved	41	MUN	0.3
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FERTILITY

DPR	0.6	HCR	1.7
SSB	6.6	CCR	2.1
DSB	4.8	SCR	0.0
Birth Index	105	Gestation Length	-1.1

097HO42464 INTRICATE



Intricate

CRV EFFICIENCY 14%

Longevity	402
Feed Efficiency	108
CFP	142

CRV HEALTH 6%

Hoof Health	102
Udder Health	103
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	905	Fat	93	Fat %	0.20
SCS	2.76	Protein	49	Protein %	0.07

HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis
5.1	2.5	103	103	104	103	100

CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
101	1.8	98	100	1.3

MILK ROBOT

Efficiency	Interval
107	101

NEW

PROGENESIS INTRICATE-ET

Pursuit x Achiever x Delta
HOCAN000013567606

DOB: 11/12/19

99% RHA

GFI: 10.8%

Beta Casein: A2A2

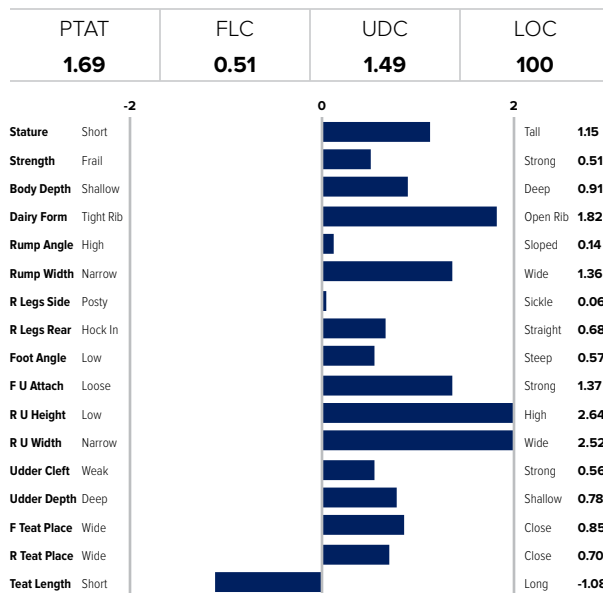
Kappa Casein: AB

Sire: Pine-Tree-I Pursuit-ET

Dam: Juniper-JLC Achievr Wish-ET

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel



INDEXES

\$CM	842	NVI	260
\$NM	801	\$GM	730
\$FM	717	\$GTPI	2967

CDCB HEALTH

Metritis	1.0	DA	0.8
Retained Placenta	0.1	Milk Fever	0.1

FEED EFFICIENCY

Feed Saved	-5	MUN	0.3
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FERTILITY

DPR	1.0	HCR	1.6
SSB	6.1	CCR	1.8
DSB	3.4	SCR	0.0
Birth Index	108	Gestation Length	-2.7

097HO42478 **GOKU**



NEW **ERS**

PEAK GOKU

Maestro x Marius x Altatopshot
HO840M003209641779

DOB: 1/28/20

99% RHA

GFI: 10.4%

Beta Casein: A1A2

Kappa Casein: BB

Sire: Progenesis Maestro

Dam: Peak Olinka-ET

CRV EFFICIENCY 11%

Longevity	404
Feed Efficiency	106
CFP	151

CRV HEALTH 7%

Hoof Health	103
Udder Health	106
Fertility	106

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 76% Rel

Milk	880	Fat	94	Fat %	0.21
SCS	2.68	Protein	57	Protein %	0.10

HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistence	Ketosis
6.0	2.3	104	107	106	-	105

CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
100	1.9	98	103	1.7

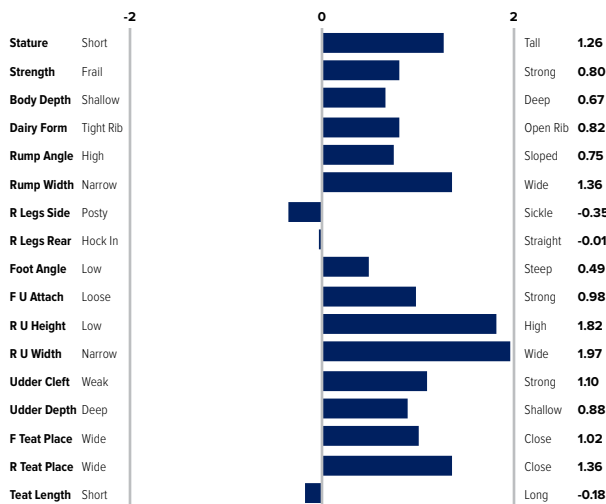
MILK ROBOT

Efficiency	Interval
98	102

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 74% Rel

PTAT	FLC	UDC	LOC
1.23	-0.05	1.20	97



INDEXES

\$CM	877	NVI	283
\$NM	821	\$GM	750
\$FM	703	\$GTPI	3000

CDCB HEALTH

Metritis	2.1	DA	0.6
Retained Placenta	0.5	Milk Fever	0.1

FEED EFFICIENCY

Feed Saved	-92	MUN	0.0
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FERTILITY

DPR	1.5	HCR	0.7
SSB	6.1	CCR	3.1
DSB	5.3	SCR	0.0
Birth Index	106	Gestation Length	-2.8

097HO42437 ESCAPADE

NEW



Pine-Tree Escapade-ET

Acura x Samaritan x Achiever
HO840003213241729

DOB: 3/1/20

aAa: 234156

99% RHA

DMS: 126,561

GFI: 11.0%

Beta Casein: A2A2

Kappa Casein: BB

Sire: Pine-Tree 7019 Achie
132-ET

Dam: Pine-Tree 7593 Sama
8178-ET

CRV EFFICIENCY 18%

Longevity	496
Feed Efficiency	252
CFP	149

CRV HEALTH 5%

Hoof Health	101
Udder Health	103
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	1768	SCS	2.95
Fat	91	Fat %	0.08
Protein	58	Protein %	0.01

HEALTH TRAITS

PL	4.6	Livability	2.5
Clinical Mastitis	101	Subclinical Mastitis	104
Temperament	103	Persistency	106
Ketosis	104		

CALVING TRAITS

Calf Survival	104	SCE	2.3
BW	102	EFC	103
DCE	1.6		

INDEXES

\$CM	794	NVI	273
\$NM	784	\$GM	707
\$FM	765	\$GTPI	2929

MILK ROBOT

Efficiency 107 Interval 101

CDCB HEALTH

Metritis	1.2	DA	0.5
Retained Placenta	-0.1	Milk Fever	0.3

FERTILITY

DPR	0.4	HCR	2.7
SSB	5.7	CCR	1.3
DSB	4.1	SCR	0.0
Birth Index	108	Gest. Length	-1.7

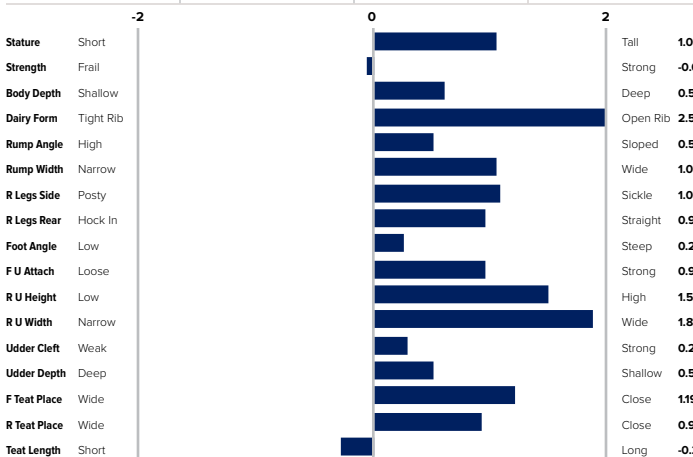
FEED EFFICIENCY

Feed Saved	92	MUN	0.4
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 74% Rel

PTAT	1.50	FLC	0.70	UDC	0.98	LOC	101
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097HO42368 HONEYCOMB



Honeycomb

PINE-TREE HONEYCOMB-ET

AltaZarek x Prophecy x Delta
HO840003150687471

DOB: 8/10/19

aAa: 342516

99% RHA

DMS: 345,234

GFI: 10.2%

Beta Casein: A2A2

Kappa Casein: BB

Sire: Peak AltaZarek-ET
Dam: Pine-Tree 5976 Prop
7829-ET

Pro: 01-10 3X 305 23,930M 5.6
1344F 3.5 827P

CRV EFFICIENCY 15%

Longevity	539
Feed Efficiency	246
CFP	145

CRV HEALTH 5%

Hoof Health	104
Udder Health	102
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	804	SCS	2.69
Fat	99	Fat %	0.24
Protein	46	Protein %	0.07

HEALTH TRAITS

PL	6.5	Livability	3.2
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	104	Persistency	112
Ketosis	102		

CALVING TRAITS

Calf Survival	102	SCE	1.5
BW	94	EFC	97
DCE	1.8		

INDEXES

\$CM	860	NVI	253
\$NM	818	\$GM	716
\$FM	731	\$GTPI	2900

MILK ROBOT

Efficiency 99 Interval 102

CDCB HEALTH

Metritis	1.1	DA	0.5
Retained Placenta	0.4	Milk Fever	0.1

FERTILITY

DPR	0.2	HCR	0.5
SSB	5.2	CCR	2.2
DSB	5.3	SCR	0.0
Birth Index	104	Gest. Length	-4.0

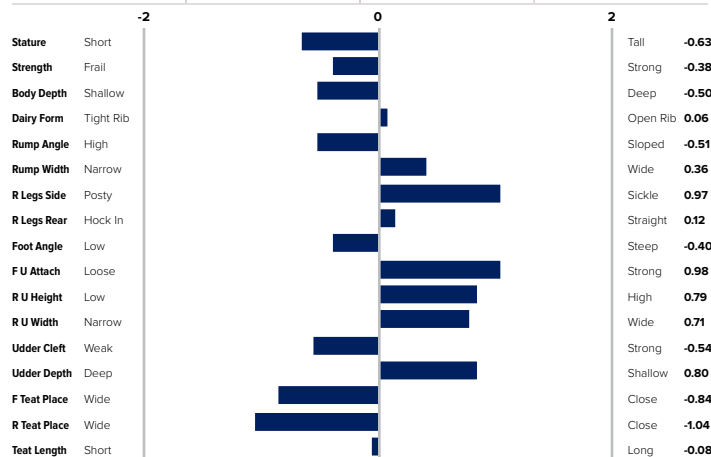
FEED EFFICIENCY

Feed Saved	113	MUN	0.0
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

PTAT	0.66	FLC	0.34	UDC	0.73	LOC	99
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097HO42422 FERRY



Ferry

FB-RVR RIVLREFARIA FERRY-ET
 Merrimac x Frazzled x Silver
 HO840003208253991

DOB: 6/26/19
aAa: 243156
99% RHA
DMS: 345,135
GFI: 10.1%

Beta Casein: A1A2
Kappa Casein: AB

Sire: No-Fla Merrimac-ET
Dam: Rivalrefaria Spirit

097HO42436 SPARKPLUG



Sparkplug

OCD SPARKPLUG-ET
 Entity x Copycat x Spring
 HO840003206350007

DOB: 9/13/19
aAa: 435126
99% RHA
DMS: 345,135
GFI: 10.3%

Beta Casein: A1A2
Kappa Casein: AB

Sire: Denovo 8084 Entity-ET
Dam: OCD Copycat Shimmer 50201-ET

CRV EFFICIENCY 9%

Longevity	285
Feed Efficiency	239
CFP	149

CRV HEALTH 4%

Hoof Health	100
Udder Health	101
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	1136	SCS	2.72
Fat	98	Fat %	0.19
Protein	51	Protein %	0.05

HEALTH TRAITS

PL	5.4	Livability	2.1
Clinical Mastitis	100	Subclinical Mastitis	102
Temperament	105	Persistency	105
Ketosis	105		

CALVING TRAITS

Calf Survival	103	SCE	2.2
BW	101	EFC	100
DCE	2.2		

INDEXES

\$CM	836	NVI	203
\$NM	803	\$GM	725
\$FM	735	\$GTPI	2910

MILK ROBOT

Efficiency	102	Interval	102
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FERTILITY

DPR	1.1	HCR	0.5
SSB	5.5	CCR	1.5
DSB	3.3	SCR	0.0

CDCB HEALTH

Metritis	1.6	DA	0.6
Retained Placenta	0.4	Milk Fever	0.0

FEED EFFICIENCY

Feed Saved	-16	MUN	0.2
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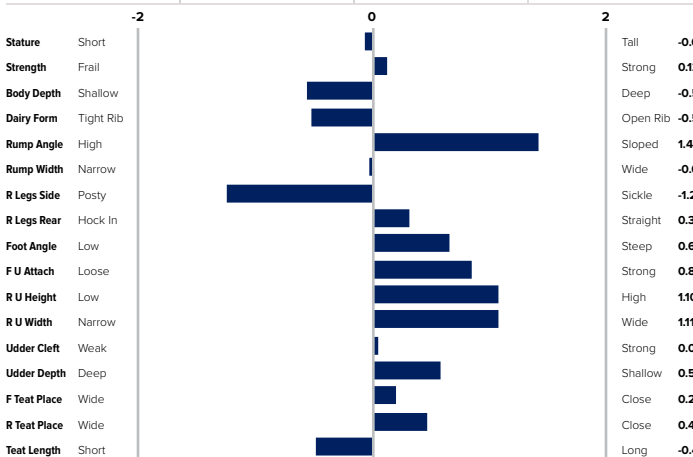
Birth Index

Birth Index	107	Gest. Length	-2.5
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 74% Rel

PTAT	0.46	FLC	0.17	UDC	0.86	LOC	99
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CRV EFFICIENCY 11%

Longevity	291
Feed Efficiency	254
CFP	161

CRV HEALTH 4%

Hoof Health	100
Udder Health	100
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	1431	SCS	2.84
Fat	105	Fat %	0.17
Protein	56	Protein %	0.04

HEALTH TRAITS

PL	3.8	Livability	1.0
Clinical Mastitis	99	Subclinical Mastitis	101
Temperament	105	Persistency	102
Ketosis	105		

CALVING TRAITS

Calf Survival	102	SCE	2.3
BW	99	EFC	106
DCE	2.3		

INDEXES

\$CM	778	NVI	233
\$NM	753	\$GM	658
\$FM	702	\$GTPI	2928

MILK ROBOT

Efficiency	99	Interval	103
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FERTILITY

DPR	-0.1	HCR	-0.4
SSB	5.8	CCR	0.5
DSB	5.3	SCR	0.0

CDCB HEALTH

Metritis	0.5	DA	0.7
Retained Placenta	0.0	Milk Fever	0.1

FEED EFFICIENCY

Feed Saved	-57	MUN	0.3
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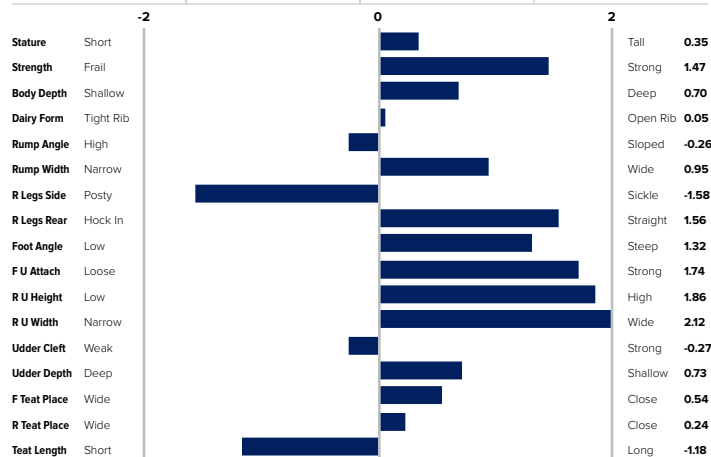
Birth Index

Birth Index	107	Gest. Length	-2.9
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

PTAT	1.19	FLC	0.82	UDC	1.31	LOC	100
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097HO42479 GOGETA

NEW



Gogeta

PEAK GOGET
 Maestro x Marius x Delta
 HO840003209641811
DOB: 2/12/20
99% RHA
Beta Casein: A1A2
Kappa Casein: BB
Sire: Progenesis Maestro
Dam: Peak Magenta-ET

CRV EFFICIENCY 15%

Longevity	362
Feed Efficiency	270
CFP	156

CRV HEALTH 2%

Hoof Health	100
Udder Health	101
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 76% Rel

Milk	1370	SCS	2.83
Fat	98	Fat %	0.15
Protein	58	Protein %	0.05

HEALTH TRAITS

PL	5.1	Livability	-0.1
Clinical Mastitis	100	Subclinical Mastitis	102
Temperament	105	Persistency	-
Ketosis	99		

CALVING TRAITS

Calf Survival	100	SCE	2.2
BW	102	EFC	102
DCE	2.1		

INDEXES

\$CM	806	NVI	241
\$NM	775	\$GM	677
\$FM	710	\$GTPI	2916

MILK ROBOT

Efficiency	103	Interval	100
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FERTILITY

DPR	-0.4	HCR	0.3
SSB	5.8	CCR	1.0
DSB	4.9	SCR	0.0

CDCB HEALTH

Metritis	1.1	DA	0.6
Retained Placenta	0.3	Milk Fever	0.1

Birth Index	104	Gest. Length	-0.6
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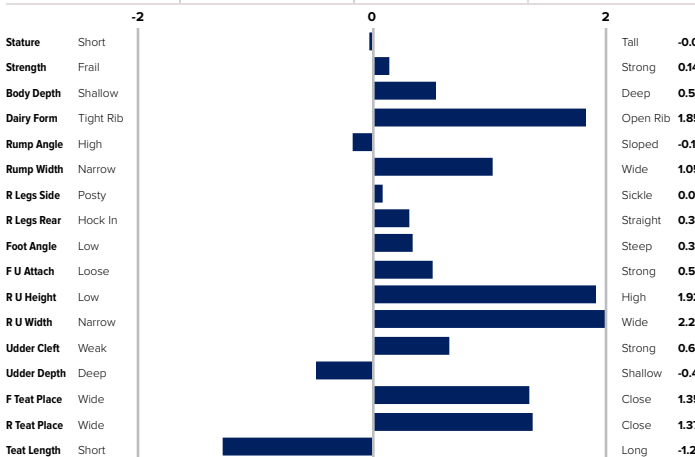
FEED EFFICIENCY

Feed Saved	154	MUN	0.1
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

PTAT	1.33	FLC	0.63	UDC	1.08	LOC	98
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097HO42367 HALFTIME



Halftime

PINE-TREE HALFTIME-ET
 Gamechanger x Achiever
 x Delta
 HO840003150687458
DOB: 7/29/19
aAa: 342156
99% RHA
DMS: 123,126
GFI: 10.4%
Beta Casein: A1A2
Kappa Casein: BB
Sire: Regan-Danhof
 Gamechanger-ET
Dam: Pine-Tree 5976 Achi
 7705-ET
Pro: 01-10 3X 305 22,530M 5.1
 1146F 3.4 768P

CRV EFFICIENCY 16%

Longevity	488
Feed Efficiency	247
CFP	139

CRV HEALTH 5%

Hoof Health	100
Udder Health	104
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	891	SCS	2.71
Fat	91	Fat %	0.20
Protein	48	Protein %	0.07

HEALTH TRAITS

PL	5.7	Livability	1.9
Clinical Mastitis	103	Subclinical Mastitis	105
Temperament	103	Persistency	107
Ketosis	103		

CALVING TRAITS

Calf Survival	99	SCE	1.7
BW	100	EFC	100
DCE	2.1		

INDEXES

\$CM	814	NVI	296
\$NM	774	\$GM	668
\$FM	690	\$GTPI	2910

MILK ROBOT

Efficiency	100	Interval	101
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FERTILITY

DPR	-0.4	HCR	-0.6
SSB	4.8	CCR	0.9
DSB	4.5	SCR	0.0

CDCB HEALTH

Metritis	1.4	DA	0.4
Retained Placenta	-0.1	Milk Fever	0.1

Birth Index	107	Gest. Length	0.7
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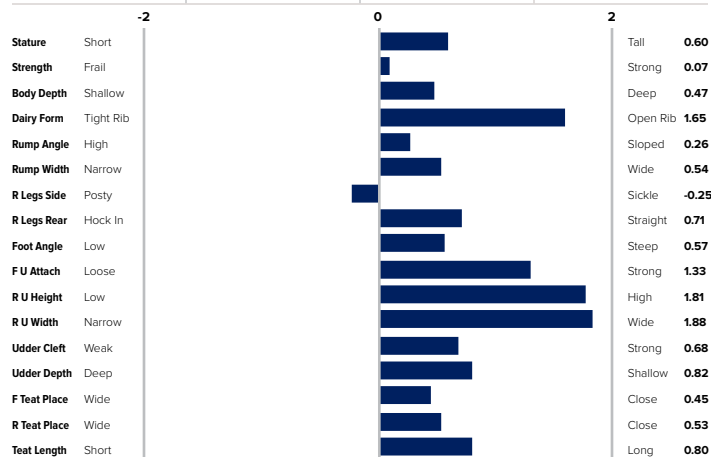
FEED EFFICIENCY

Feed Saved	203	MUN	-0.1
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel

PTAT	1.51	FLC	0.76	UDC	1.26	LOC	98
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097HO41774 **HOTLINE**



Trestelle Sei Ore Hotline Ganny

CRV EFFICIENCY 8%

Longevity	-13
Feed Efficiency	104
CFP	140

CRV HEALTH 3%

Hoof Health	103
Udder Health	99
Fertility	102

PREMIUM MILK

Pro Daughters: 4012 • Herds: 1237 • 99% Rel

Milk	1030	Fat	89	Fat %	0.17
SCS	3.03	Protein	51	Protein %	0.07

HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis
-1.5	-4.2	98	100	97	102	102

CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
96	1.9	99	111	1.8

MILK ROBOT

Efficiency	Interval
102	95

PROVEN

PEAK HOTLINE-ET

AltaHotRod x Mogul x Man O Man
HO840003129128855

DOB: 7/6/15

100% RHA

GFI: 10.8%

HH1

Beta Casein: A2A2

Kappa Casein: AA

Sire: Glen-D-Haven AltaHotRod

Dam: J-Mor Mogul Hostice-ET

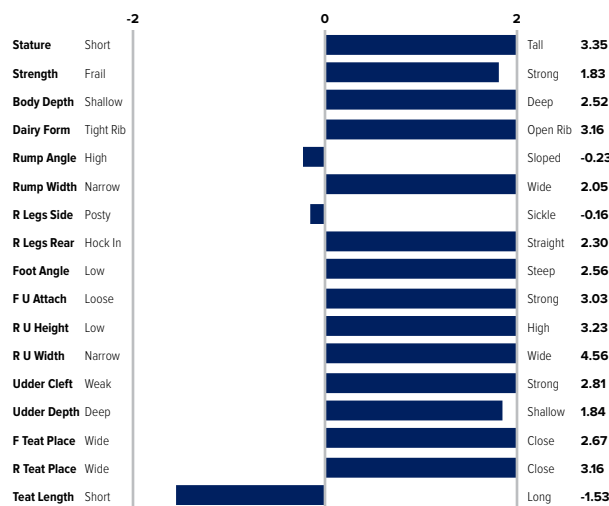


Kings-Ransom Hot Latex, VG-85

CONFORMATION

Conf Daughters: 2217 • Herds: 753 • 98% Rel

PTAT	FLC	UDC	LOC
3.02	1.51	2.40	107



INDEXES

\$CM	525	NVI	254
\$NM	493	\$GM	405
\$FM	423	\$GTPI	2762

CDCB HEALTH

Metritis	0.6	DA	-0.2
Retained Placenta	-0.1	Milk Fever	0.0

FERTILITY

DPR	-2.7	HCR	-0.2
SSB	6.6	CCR	-3.8
DSB	5.3	SCR	-1.7

Birth Index	106	Gestation Length	-1.9
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097HO41744 **LIGERO**

PROVEN



No-Fla Shine-ET GP-83,Dam



Ligero

PEAK LIGERO-ET

Yoder x Supersire x Massey
HO840003129128788

DOB: 5/12/15
aAa: 243651
96% RHA
DMS: 561,456
GFI: 9.8%

Beta Casein: A1A2
Kappa Casein: AE

Sire: Woodcrest Mogul Yoder-ET
Dam: No-Fla Shine-ET GP-83
Pro: 2-02 2X 365 32,040M 3.7
1180F 3.0 963P

CRV EFFICIENCY 16%

Longevity	304
Feed Efficiency	239
CFP	140

CRV HEALTH 2%

Hoof Health	100
Udder Health	100
Fertility	99

PREMIUM MILK

Pro Daughters: 491 • Herds: 51 • 98% Rel

Milk	1445	SCS	2.87
Fat	90	Fat %	0.12
Protein	50	Protein %	0.02

HEALTH TRAITS

PL	3.4	Livability	2.0
Clinical Mastitis	99	Subclinical Mastitis	102
Temperament	103	Persistency	105
Ketosis	97		

CALVING TRAITS

Calf Survival	91	SCE	1.8
BW	98	EFC	100
DCE	1.9		

INDEXES

\$CM	714	NVI	174
\$NM	700	\$GM	605
\$FM	673	\$GTPI	2766

MILK ROBOT

Efficiency **104** Interval **100**

CDCB HEALTH

Metritis	1.0	DA	0.6
Retained Placenta	0.0	Milk Fever	0.2

FERTILITY

DPR	-1.0	HCR	2.3
SSB	4.9	CCR	0.7
DSB	4.0	SCR	0.0
Birth Index	107	Gest. Length	0.3

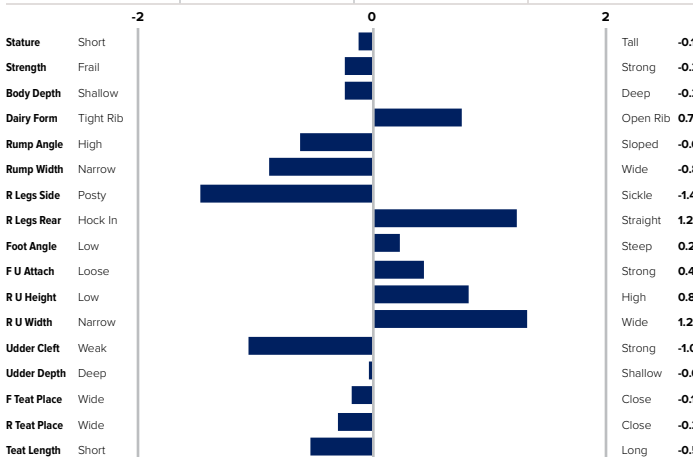
FEED EFFICIENCY

Feed Saved	112	MUN	-0.2
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CONFORMATION

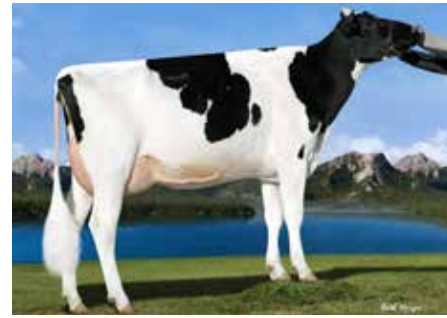
Conf Daughters: 157 • Herds: 11 • 95% Rel

PTAT	0.53	FLC	0.68	UDC	0.45	LOC	100
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097HO41742 **EVEREST**

PROVEN



Nordic-Ridge Massey Summit VG-85,Dam

PEAK EVEREST-ET

Yoder x Massey x Beacon
HO840003129128793

DOB: 5/17/15
aAa: 324156
100% RHA
DMS: 345,456
GFI: 9.6%

Beta Casein: A1A2
Kappa Casein: BB

Sire: Woodcrest Mogul Yoder-ET
Dam: Nordic-Ridge Massey Summit VG-85
Pro: 2-02 2X 286 27,009M 3.3
885F 3.0 815P

CRV EFFICIENCY 10%

Longevity	361
Feed Efficiency	192
CFP	132

CRV HEALTH 3%

Hoof Health	101
Udder Health	102
Fertility	101

PREMIUM MILK

Pro Daughters: 1088 • Herds: 128 • 98% Rel

Milk	1267	SCS	2.93
Fat	90	Fat %	0.14
Protein	42	Protein %	0.01

HEALTH TRAITS

PL	2.0	Livability	1.1
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	103	Persistency	104
Ketosis	103		

CALVING TRAITS

Calf Survival	92	SCE	2.6
BW	99	EFC	99
DCE	2.7		

INDEXES

\$CM	611	NVI	170
\$NM	603	\$GM	550
\$FM	587	\$GTPI	2706

MILK ROBOT

Efficiency **103** Interval **99**

CDCB HEALTH

Metritis	1.1	DA	0.7
Retained Placenta	0.0	Milk Fever	0.2

FERTILITY

DPR	0.3	HCR	2.0
SSB	5.8	CCR	1.9
DSB	4.4	SCR	-1.1
Birth Index	106	Gest. Length	0.2

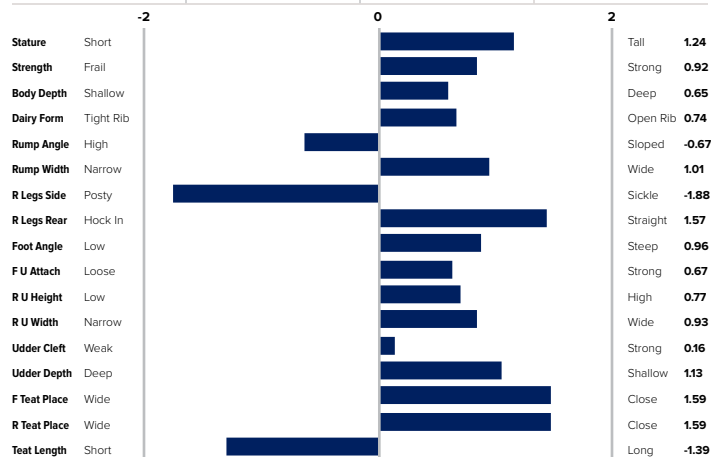
FEED EFFICIENCY

Feed Saved	-185	MUN	0.2
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CONFORMATION

Conf Daughters: 538 • Herds: 66 • 97% Rel

PTAT	0.90	FLC	0.14	UDC	0.55	LOC	102
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097HO42435 OFFSIDE



Offside

LEVEL-PLAIN OFFSIDE-ET

AltaLawson x Achiever
x Delta
HO840003209641491

DOB: 10/12/19
99% RHA
GFI: 10.1%

Beta Casein: A2A2
Kappa Casein: BB

Sire: Peak AltaLawson-ET
Dam: Level-Plain Ach Vibrant-ET

097HO42366 FLIGHTPLAN



Flightplan

PINE-TREE FLIGHTPLAN-ET

Legacy x Delta x
Supersire
HO840003150687399

DOB: 5/12/19
aAa: 312546
99% RHA
DMS: 345,234
GFI: 10.1%

Beta Casein: A2A2
Kappa Casein: AB

Sire: Pine-Tree CW Legacy-ET
Dam: Sandy-Valley No Limit-ET
Pro: 03-05 3X 305 27,570M 4.8
1316F 3.3 922P

CRV EFFICIENCY 18%

Longevity	341
Feed Efficiency	233
CFP	133

CRV HEALTH 2%

Hoof Health	96
Udder Health	100
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	630	SCS	2.83
Fat	86	Fat %	0.22
Protein	47	Protein %	0.10

HEALTH TRAITS

PL	6.4	Livability	4.3
Clinical Mastitis	98	Subclinical Mastitis	102
Temperament	105	Persistency	105
Ketosis	105		

CALVING TRAITS

Calf Survival	97	SCE	2.1
BW	99	EFC	98
DCE	1.8		

INDEXES

\$CM	835	NVI	231
\$NM	786	\$GM	711
\$FM	681	\$GTPI	2864

MILK ROBOT

Efficiency	105	Interval	101
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FERTILITY

DPR	1.0	HCR	3.0
SSB	5.5	CCR	3.4
DSB	4.9	SCR	0.0

CDCB HEALTH

Metritis	1.2	DA	0.7
Retained Placenta	0.2	Milk Fever	0.1

Birth Index	105	Gest. Length	-0.4
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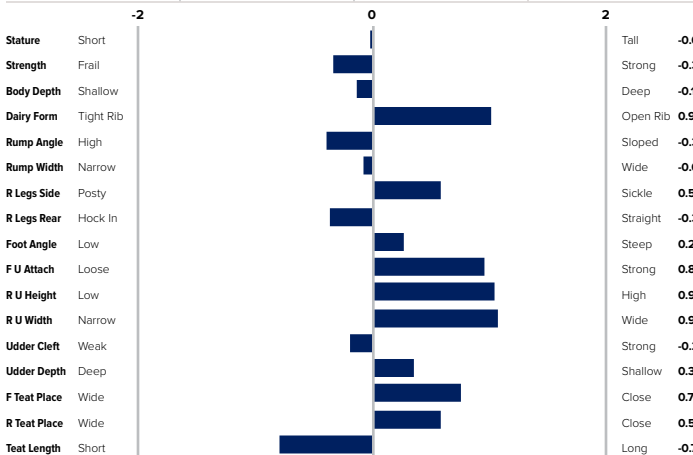
FEED EFFICIENCY

Feed Saved	169	MUN	0.2
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

PTAT	0.80	FLC	0.04	UDC	0.72	LOC	95
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CRV EFFICIENCY 18%

Longevity	473
Feed Efficiency	218
CFP	115

CRV HEALTH 3%

Hoof Health	101
Udder Health	104
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	676	SCS	2.68
Fat	76	Fat %	0.17
Protein	39	Protein %	0.06

HEALTH TRAITS

PL	7.4	Livability	4.6
Clinical Mastitis	103	Subclinical Mastitis	105
Temperament	105	Persistency	108
Ketosis	100		

CALVING TRAITS

Calf Survival	99	SCE	1.8
BW	97	EFC	100
DCE	2.5		

INDEXES

\$CM	792	NVI	245
\$NM	755	\$GM	664
\$FM	679	\$GTPI	2759

MILK ROBOT

Efficiency	101	Interval	101
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FERTILITY

DPR	0.5	HCR	1.1
SSB	5.4	CCR	2.4
DSB	5.6	SCR	0.0

CDCB HEALTH

Metritis	0.9	DA	0.4
Retained Placenta	-0.1	Milk Fever	0.1

Birth Index	102	Gest. Length	-1.4
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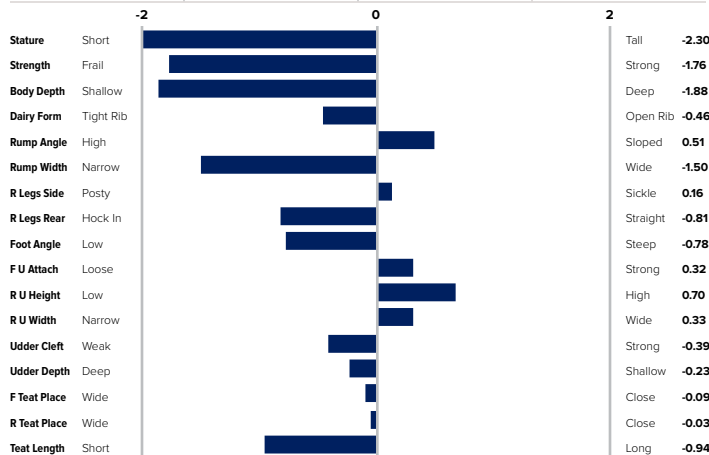
FEED EFFICIENCY

Feed Saved	296	MUN	0.1
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel

PTAT	-0.07	FLC	-0.04	UDC	0.70	LOC	99
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097HO42265 BANNER



Banner

MAPLEHURST BANNER-ET

Crimson x Blowtorch x Josuper
HO840003205027117

DOB: 1/16/19
99% RHA
DMS: 561,135
GFI: 9.8%

Beta Casein: A2A2
Kappa Casein: BB

Sire: ABS Crimson-ET
Dam: Maplehurst Btorch
4343-ET

097HO42423 MARTINI



Martini

PEAK MARTINI-ET

Milktime x Frazzled x Montross
HO840003205436593

DOB: 7/12/19
99% RHA
GFI: 10.8%

Beta Casein: A2A2
Kappa Casein: AA

Sire: STE Odile Milktime-ET
Dam: T-Spruce Crown-ET

CRV EFFICIENCY 9%

Longevity	183
Feed Efficiency	256
CFP	173

CRV HEALTH 0%

Hoof Health	97
Udder Health	99
Fertility	99

CRV EFFICIENCY 12%

Longevity	500
Feed Efficiency	232
CFP	138

CRV HEALTH 1%

Hoof Health	103
Udder Health	102
Fertility	99

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1954	SCS	2.81
Fat	105	Fat %	0.10
Protein	68	Protein %	0.02

HEALTH TRAITS

PL	3.4	Livability	-0.4
Clinical Mastitis	99	Subclinical Mastitis	100
Temperament	107	Persistency	105
Ketosis	101		

CALVING TRAITS

Calf Survival	103	SCE	2.3
BW	99	EFC	97
DCE	2.4		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	2308	SCS	2.58
Fat	71	Fat %	-0.06
Protein	67	Protein %	-0.02

HEALTH TRAITS

PL	5.8	Livability	-0.1
Clinical Mastitis	100	Subclinical Mastitis	104
Temperament	107	Persistency	105
Ketosis	98		

CALVING TRAITS

Calf Survival	101	SCE	2.0
BW	102	EFC	105
DCE	2.8		

INDEXES

\$CM	726	NVI	169
\$NM	706	\$GM	574
\$FM	668	\$GTPI	2834

MILK ROBOT

Efficiency	101	Interval	101
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CDCB HEALTH

Metritis	0.4	DA	0.5
Retained Placenta	-0.3	Milk Fever	0.0

FERTILITY

DPR	-2.0	HCR	0.8
SSB	6.0	CCR	-0.6
DSB	6.0	SCR	1.3
Birth Index	101	Gest. Length	-0.7

FEED EFFICIENCY

Feed Saved	-234	MUN	-0.2
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INDEXES

\$CM	706	NVI	216
\$NM	700	\$GM	571
\$FM	695	\$GTPI	2844

MILK ROBOT

Efficiency	103	Interval	100
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CDCB HEALTH

Metritis	1.2	DA	0.8
Retained Placenta	0.4	Milk Fever	0.3

FERTILITY

DPR	-1.5	HCR	0.2
SSB	5.2	CCR	-1.1
DSB	6.6	SCR	0.0
Birth Index	101	Gest. Length	-3.1

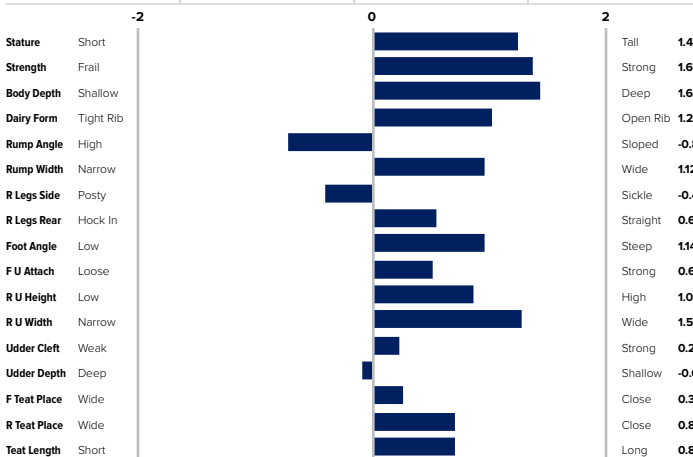
FEED EFFICIENCY

Feed Saved	45	MUN	-0.3
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

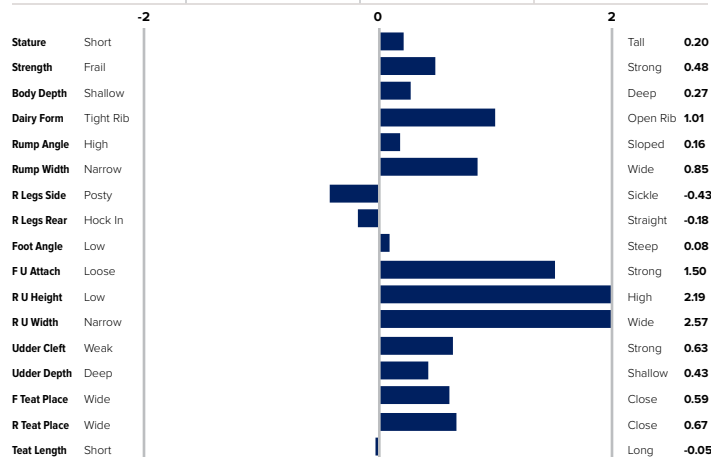
PTAT	1.14	FLC	-0.04	UDC	0.40	LOC	96
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

PTAT	1.12	FLC	0.00	UDC	1.60	LOC	99
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097HO42312 BULLRUSH



Bullrush

PEAK BULLRUSH-ET
 Positive x Delta x
 Supersire
 HO840003200824612
DOB: 12/9/18
aAa: 312456
100% RHA
GFI: 10.0%
Beta Casein: A2A2
Kappa Casein: BB
Sire: Progenesis Positive
Dam: Pine-Tree Delilah-ET
Pro: 2-05 2X 305 24,080M 4.6
 1108F 3.2 769P

097HO42338 COUNCIL



Council

DENOVO COUNCIL-ET
 Crimson x Frazzled x
 Delta
 HO840003204164907
DOB: 1/30/19
99% RHA
GFI: 10.4%
Beta Casein: A2A2
Kappa Casein: AB
Sire: ABS Crimson-ET
Dam: De-Su Frazzled 6996-ET

CRV EFFICIENCY 14%

Longevity	249
Feed Efficiency	222
CFP	145

CRV HEALTH 2%

Hoof Health	98
Udder Health	102
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	915	SCS	2.98
Fat	96	Fat %	0.21
Protein	49	Protein %	0.07

HEALTH TRAITS

PL	2.5	Livability	-0.6
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	104	Persistency	100
Ketosis	104		

CALVING TRAITS

Calf Survival	95	SCE	2.2
BW	100	EFC	105
DCE	2.2		

INDEXES

\$CM	676	NVI	215
\$NM	641	\$GM	544
\$FM	564	\$GTPI	2787

MILK ROBOT

Efficiency	100	Interval	102
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FERTILITY

DPR	-1.4	HCR	0.4
SSB	5.5	CCR	-0.4
DSB	5.9	SCR	3.8
Birth Index	103	Gest. Length	-1.0

CDCB HEALTH

Metritis	0.3	DA	0.3
Retained Placenta	-0.2	Milk Fever	0.3

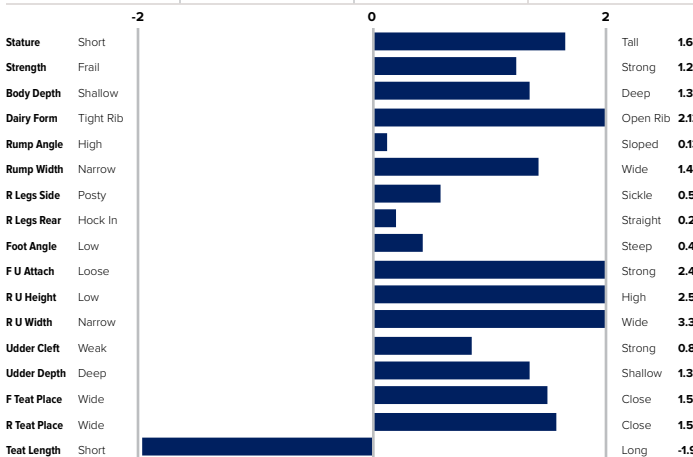
FEED EFFICIENCY

Feed Saved	-111	MUN	0.3
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 77% Rel

PTAT	1.89	FLC	0.18	UDC	1.86	LOC	96
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CRV EFFICIENCY 6%

Longevity	225
Feed Efficiency	189
CFP	123

CRV HEALTH 5%

Hoof Health	101
Udder Health	103
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	858	SCS	2.54
Fat	88	Fat %	0.19
Protein	35	Protein %	0.03

HEALTH TRAITS

PL	5.8	Livability	2.6
Clinical Mastitis	101	Subclinical Mastitis	104
Temperament	106	Persistency	104
Ketosis	106		

CALVING TRAITS

Calf Survival	102	SCE	2.3
BW	99	EFC	99
DCE	2.3		

INDEXES

\$CM	727	NVI	145
\$NM	702	\$GM	621
\$FM	656	\$GTPI	2780

MILK ROBOT

Efficiency	102	Interval	100
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FERTILITY

DPR	0.7	HCR	1.4
SSB	5.4	CCR	2.0
DSB	4.7	SCR	0.0
Birth Index	108	Gest. Length	-1.2

CDCB HEALTH

Metritis	0.4	DA	1.0
Retained Placenta	-0.1	Milk Fever	0.1

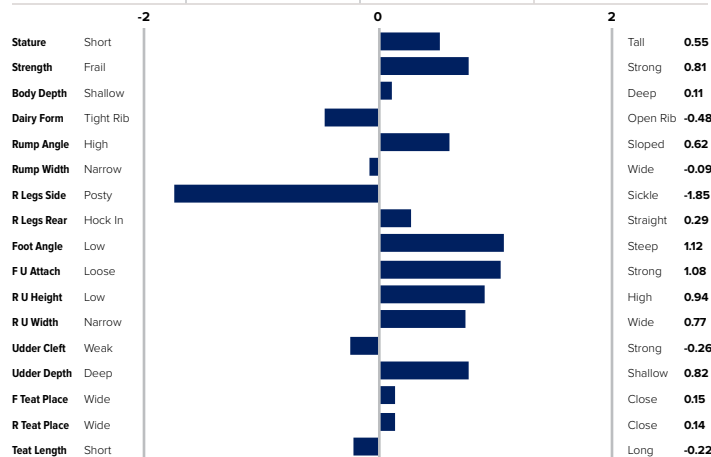
FEED EFFICIENCY

Feed Saved	-73	MUN	0.1
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

PTAT	0.45	FLC	-0.11	UDC	0.66	LOC	99
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097HO42339 GROOT



Groot

DENOVO GROOT-ET
 Glitz x Frazzled x Delta
 HO840003204165022
DOB: 3/17/19
99% RHA
GFI: 11.0%
Beta Casein: A2A2
Kappa Casein: BE
Sire: Denovo 7947 Glitz-ET
Dam: De-Su Frazzled 6984-ET

097HO42013 MATCHUP



Bryhill Ransom Marquise-ET GP-83,Granddam

PEAK MATCHUP-ET
 AltaTopshot x Delta x
 Ransom
 HO840003142181270
DOB: 2/28/17
aAa: 165243
99% RHA
DMS: 345,135
GFI: 11.1%
Beta Casein: A2A2
Kappa Casein: BB
Sire: Bomaz AltaTopshot-ET
Dam: Peak Medallion-ET GP-81

CRV EFFICIENCY 13%

Longevity	615
Feed Efficiency	169
CFP	103

CRV HEALTH 8%

Hoof Health	103
Udder Health	104
Fertility	107

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	1249	SCS	2.75
Fat	54	Fat %	0.02
Protein	49	Protein %	0.03

HEALTH TRAITS

PL	6.6	Livability	2.6
Clinical Mastitis	102	Subclinical Mastitis	105
Temperament	103	Persistency	103
Ketosis	107		

CALVING TRAITS

Calf Survival	98	SCE	2.0
BW	96	EFC	101
DCE	1.8		

INDEXES

\$CM	690	NVI	267
\$NM	665	\$GM	599
\$FM	617	\$GTPI	2786

MILK ROBOT

Efficiency	98	Interval	101
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FERTILITY

DPR	0.9	HCR	0.8
SSB	5.6	CCR	3.3
DSB	3.5	SCR	0.0
Birth Index	110	Gest. Length	-2.4

CDCB HEALTH

Metritis	0.8	DA	0.1
Retained Placenta	0.0	Milk Fever	0.2

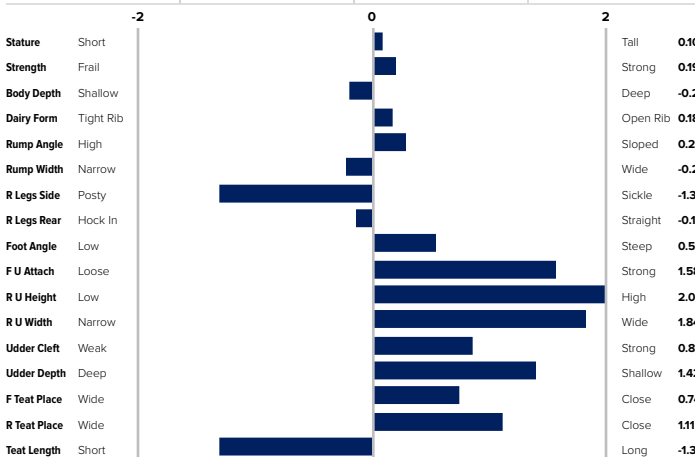
FEED EFFICIENCY

Feed Saved	0	MUN	0.2
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 74% Rel

PTAT	0.91	FLC	-0.06	UDC	1.62	LOC	97
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CRV EFFICIENCY 11%

Longevity	217
Feed Efficiency	190
CFP	112

CRV HEALTH 4%

Hoof Health	99
Udder Health	100
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	1393	SCS	2.86
Fat	63	Fat %	0.03
Protein	49	Protein %	0.02

HEALTH TRAITS

PL	5.7	Livability	3.3
Clinical Mastitis	100	Subclinical Mastitis	100
Temperament	103	Persistency	100
Ketosis	104		

CALVING TRAITS

Calf Survival	98	SCE	1.6
BW	96	EFC	96
DCE	1.5		

INDEXES

\$CM	671	NVI	170
\$NM	656	\$GM	572
\$FM	626	\$GTPI	2718

MILK ROBOT

Efficiency	102	Interval	103
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FERTILITY

DPR	0.3	HCR	1.3
SSB	5.1	CCR	1.3
DSB	4.1	SCR	-0.2
Birth Index	110	Gest. Length	-3.6

CDCB HEALTH

Metritis	1.1	DA	0.7
Retained Placenta	0.1	Milk Fever	0.0

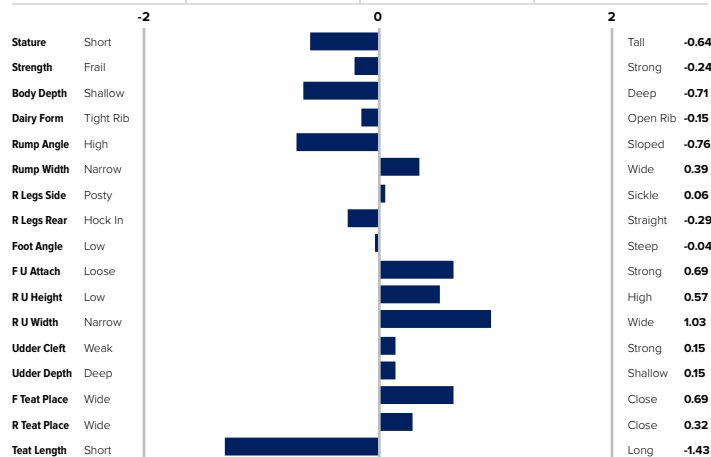
FEED EFFICIENCY

Feed Saved	59	MUN	0.3
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 79% Rel

PTAT	0.25	FLC	0.04	UDC	0.66	LOC	100
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097HO42266 SHAWARMA



Shawarma

PEAK SHAWARMA-ET
Milktime x Jedi x Yoder
HO840003200824479

DOB: 10/11/18
aAa: 435216
99% RHA
GFI: 10.6%
HH5

Beta Casein: A2A2
Kappa Casein: BB

Sire: Ste Odile Milktime
Dam: Macland Roulette

097HO42234 MORANT



Peak Jolie-ET, Dam

PEAK MORANT-ET
AltaMontoya x Modesty
x Jabir
HO840003149335089

DOB: 6/9/18
aAa: 243156
99% RHA
GFI: 10.3%
HH5

Beta Casein: A2A2
Kappa Casein: AB

Sire: Peak AltaMontoya-ET
Dam: Peak Jolie-ET

CRV EFFICIENCY 14%

Longevity	470
Feed Efficiency	214
CFP	125

CRV HEALTH 5%

Hoof Health	100
Udder Health	104
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	2043	SCS	2.61
Fat	58	Fat %	-0.07
Protein	67	Protein %	0.01

HEALTH TRAITS

PL	5.7	Livability	0.0
Clinical Mastitis	103	Subclinical Mastitis	105
Temperament	103	Persistency	102
Ketosis	99		

CALVING TRAITS

Calf Survival	99	SCE	2.0
BW	97	EFC	100
DCE	1.8		

INDEXES

\$CM	675	NVI	281
\$NM	657	\$GM	574
\$FM	625	\$GTPI	2793

MILK ROBOT

Efficiency	97	Interval	100
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FERTILITY

DPR	0.1	HCR	0.0
SSB	5.4	CCR	1.6
DSB	5.2	SCR	-0.5
Birth Index	108	Gest. Length	-2.6

CDCB HEALTH

Metritis	1.4	DA	0.2
Retained Placenta	0.2	Milk Fever	0.1

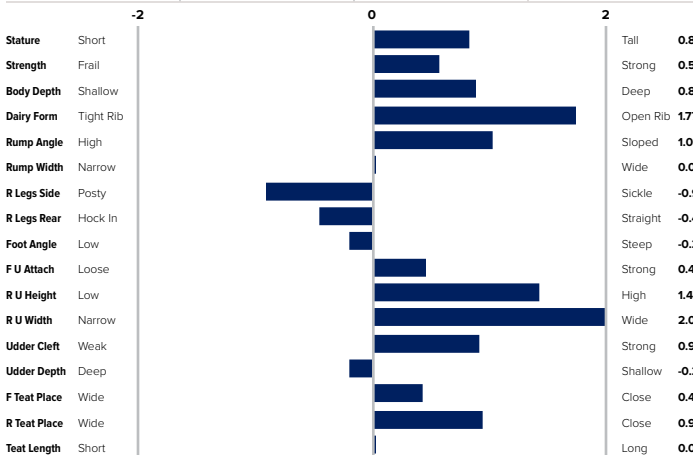
FEED EFFICIENCY

Feed Saved	64	MUN	0.2
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel

PTAT	0.75	FLC	-0.53	UDC	0.84	LOC	99
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CRV EFFICIENCY 15%

Longevity	274
Feed Efficiency	240
CFP	144

CRV HEALTH 2%

Hoof Health	100
Udder Health	99
Fertility	100

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	859	SCS	2.83
Fat	90	Fat %	0.20
Protein	54	Protein %	0.09

HEALTH TRAITS

PL	5.1	Livability	2.3
Clinical Mastitis	98	Subclinical Mastitis	101
Temperament	106	Persistency	105
Ketosis	106		

CALVING TRAITS

Calf Survival	102	SCE	2.2
BW	102	EFC	106
DCE	2.3		

INDEXES

\$CM	773	NVI	216
\$NM	724	\$GM	586
\$FM	619	\$GTPI	2761

MILK ROBOT

Efficiency	104	Interval	98
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FERTILITY

DPR	-1.9	HCR	-0.9
SSB	5.2	CCR	-0.4
DSB	5.5	SCR	-0.8
Birth Index	105	Gest. Length	-1.3

CDCB HEALTH

Metritis	1.2	DA	0.7
Retained Placenta	0.1	Milk Fever	0.0

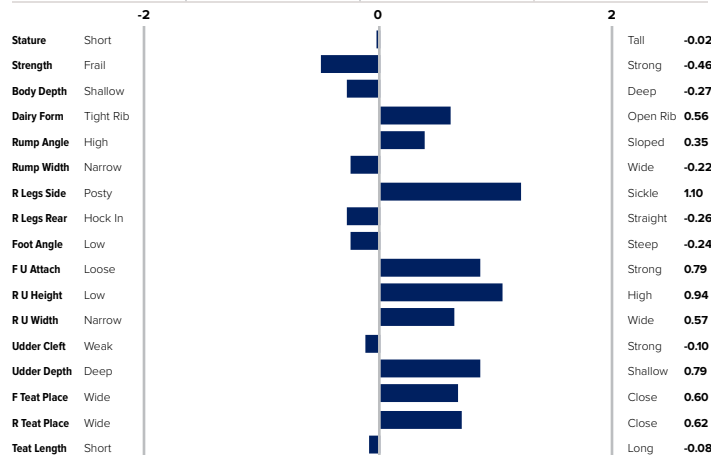
FEED EFFICIENCY

Feed Saved	61	MUN	0.1
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 78% Rel

PTAT	0.59	FLC	0.10	UDC	0.76	LOC	97
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097HO42341 PINE



Ammon-Peachey Shauna-ET EX-90, MGGD

PINE-TREE 260 ACHIEV 625-ET

Achiever x Duke x Supersire
HO840003142332648

DOB: 5/7/18
99% RHA
GFI: 10.2%

Beta Casein: A2A2
Kappa Casein: AB

Sire: ABS Achiever-ET
Dam: Midas-Touch Duke Jayme-ET VG-85

CRV EFFICIENCY 13%

Longevity	305
Feed Efficiency	270
CFP	165

CRV HEALTH 2%

Hoof Health	99
Udder Health	103
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	435	SCS	2.68
Fat	120	Fat %	0.36
Protein	45	Protein %	0.11

HEALTH TRAITS

PL	3.1	Livability	-0.3
Clinical Mastitis	102	Subclinical Mastitis	104
Temperament	102	Persistency	101
Ketosis	100		

CALVING TRAITS

Calf Survival	98	SCE	2.3
BW	99	EFC	101
DCE	2.8		

INDEXES

\$CM	803	NVI	227
\$NM	745	\$GM	604
\$FM	622	\$GTPI	2816

MILK ROBOT

Efficiency	99	Interval	102
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FERTILITY

DPR	-2.5	HCR	-0.9
SSB	5.5	CCR	-2.0
DSB	5.6	SCR	-1.8
Birth Index	105	Gest. Length	-0.6

CDCB HEALTH

Metritis	0.8	DA	0.5
Retained Placenta	0.2	Milk Fever	0.1

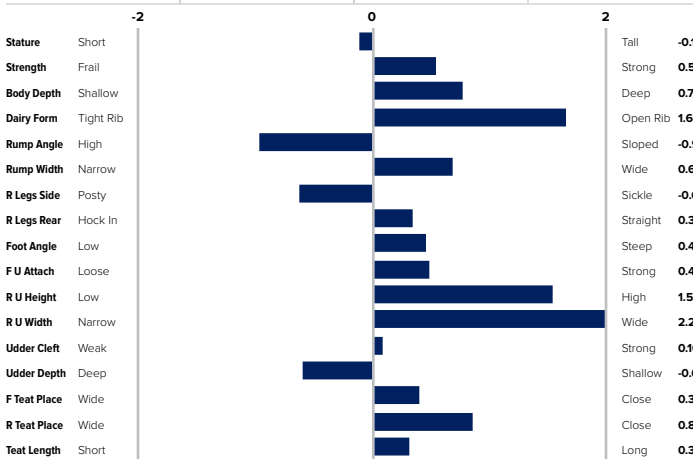
FEED EFFICIENCY

Feed Saved	56	MUN	-0.1
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 79% Rel

PTAT	1.02	FLC	0.49	UDC	0.93	LOC	97
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097HO42267 VENITO



Eldon-Tweed Jedi Bikini-ET, Dam

PROGENESIS VENITO-ET

Challenger x Jedi x Tatum
HOCAN000013269232

DOB: 10/29/18
aAa: 432516
99% RHA
GFI: 10.4%

Beta Casein: A1A2
Kappa Casein: BB

Sire: Sandy-Valley Challenger-ET
Dam: Eldon-Tweed Jedi Bikini-ET



Venito

CRV EFFICIENCY 12%

Longevity	326
Feed Efficiency	168
CFP	98

CRV HEALTH 7%

Hoof Health	102
Udder Health	102
Fertility	108

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	945	SCS	2.80
Fat	54	Fat %	0.06
Protein	44	Protein %	0.05

HEALTH TRAITS

PL	6.6	Livability	3.1
Clinical Mastitis	102	Subclinical Mastitis	102
Temperament	104	Persistency	102
Ketosis	108		

CALVING TRAITS

Calf Survival	97	SCE	1.8
BW	98	EFC	98
DCE	1.3		

INDEXES

\$CM	721	NVI	248
\$NM	691	\$GM	696
\$FM	630	\$GTPI	2797

MILK ROBOT

Efficiency	99	Interval	101
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FERTILITY

DPR	4.1	HCR	0.3
SSB	5.9	CCR	5.9
DSB	3.7	SCR	0.0
Birth Index	110	Gest. Length	-0.6

CDCB HEALTH

Metritis	2.8	DA	0.1
Retained Placenta	0.5	Milk Fever	0.0

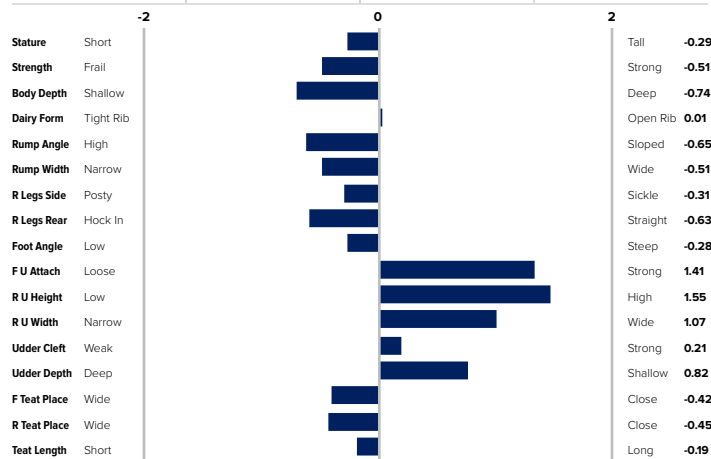
FEED EFFICIENCY

Feed Saved	75	MUN	0.3
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel

PTAT	0.60	FLC	-0.43	UDC	1.13	LOC	97
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097HO42356 CAMDEN



Camden

PEAK CAMDEN-ET

AltaRobert x Jedi x Yoder
HO840003205436450

DOB: 4/30/19
aAa: 234156
99% RHA
GFI: 10.5%

Beta Casein: A2A2
Kappa Casein: AB

Sire: Schoene-Kuh AltaRobert-ET
Dam: Top-Gun Charlie

097HO42354 MAINLINE



Mainline

RONJANCO MAINLINE-ET

Sassafras x Achiever x
Josuper
HO840003135379083

DOB: 6/2/19
99% RHA
GFI: 9.7%

Beta Casein: A1A2
Kappa Casein: AE

Sire: ABS Sassafras-ET
Dam: Ronjanco AC 295 441F-ET

CRV EFFICIENCY 11%

Longevity	448
Feed Efficiency	184
CFP	118

CRV HEALTH 4%

Hoof Health	102
Udder Health	100
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 76% Rel

Milk	981	SCS	2.90
Fat	70	Fat %	0.11
Protein	48	Protein %	0.06

HEALTH TRAITS

PL	4.9	Livability	2.8
Clinical Mastitis	100	Subclinical Mastitis	100
Temperament	108	Persistency	103
Ketosis	106		

CALVING TRAITS

Calf Survival	95	SCE	1.9
BW	99	EFC	103
DCE	1.9		

INDEXES

\$CM	698	NVI	206
\$NM	666	\$GM	636
\$FM	597	\$GTPI	2790

MILK ROBOT

Efficiency	103	Interval	99
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FERTILITY

DPR	2.2	HCR	3.2
SSB	4.9	CCR	4.2
DSB	4.0	SCR	0.0
Birth Index	106	Gest. Length	-1.1

CDCB HEALTH

Metritis	1.1	DA	0.6
Retained Placenta	0.1	Milk Fever	0.2

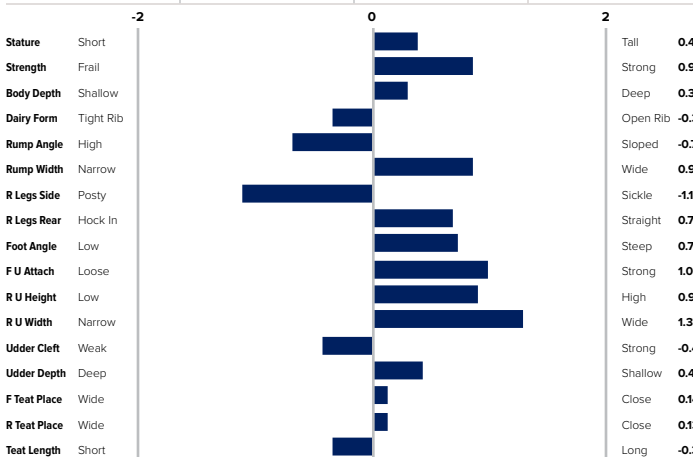
FEED EFFICIENCY

Feed Saved	-76	MUN	0.0
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel

PTAT	0.71	FLC	0.31	UDC	0.73	LOC	102
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CRV EFFICIENCY 11%

Longevity	401
Feed Efficiency	225
CFP	132

CRV HEALTH 6%

Hoof Health	102
Udder Health	100
Fertility	107

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	333	SCS	2.93
Fat	103	Fat %	0.32
Protein	29	Protein %	0.07

HEALTH TRAITS

PL	4.5	Livability	2.3
Clinical Mastitis	100	Subclinical Mastitis	101
Temperament	103	Persistency	107
Ketosis	107		

CALVING TRAITS

Calf Survival	100	SCE	1.5
BW	97	EFC	100
DCE	1.7		

INDEXES

\$CM	778	NVI	229
\$NM	746	\$GM	686
\$FM	676	\$GTPI	2797

MILK ROBOT

Efficiency	100	Interval	100
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FERTILITY

DPR	1.0	HCR	1.6
SSB	5.2	CCR	2.1
DSB	3.4	SCR	0.0
Birth Index	106	Gest. Length	-2.1

CDCB HEALTH

Metritis	1.3	DA	0.6
Retained Placenta	0.0	Milk Fever	0.0

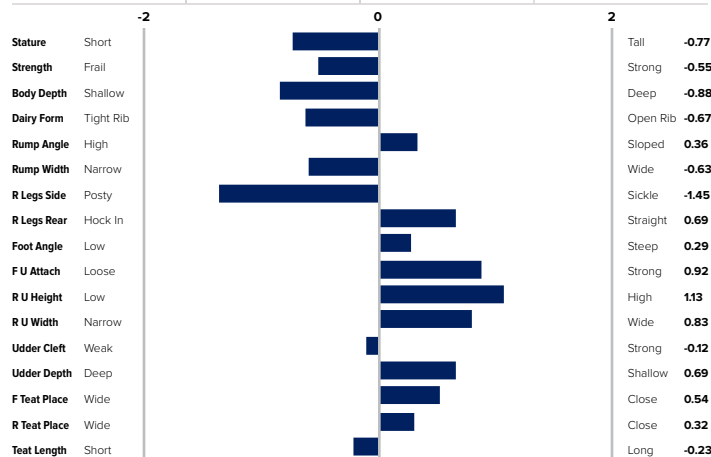
FEED EFFICIENCY

Feed Saved	138	MUN	0.2
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 74% Rel

PTAT	0.31	FLC	0.60	UDC	1.01	LOC	102
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097HO42106 LUKAKU



Siemers Rubicn M-Roz-Mia-ET VG-87,Dam



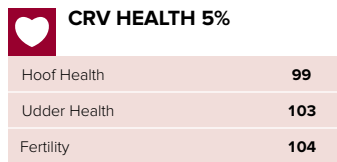
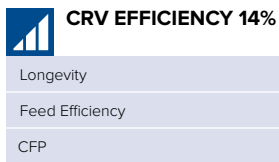
Lukaku

PEAK LUKAKU-ET
Eldorado x Rubicon x
McCutchen
HO840003145229850

DOB: 9/11/17
aAa: 423615
99% RHA
DMS: 345,456
GFI: 9.8%

Beta Casein: A1A2
Kappa Casein: AE

Sire: DG Albero Eldorado
Dam: Siemers Rubicn M-Roz-Mia-ET VG-87
Pro: 2-04 3X 365 36,500M 4.2
1526F 31 1122 P



PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1181	SCS	2.80
Fat	73	Fat %	0.09
Protein	36	Protein %	0.00

HEALTH TRAITS

PL	5.6	Livability	3.5
Clinical Mastitis	102	Subclinical Mastitis	103
Temperament	103	Persistency	107
Ketosis	104		

CALVING TRAITS

Calf Survival	101	SCE	1.4
BW	97	EFC	103
DCE	1.1		

INDEXES

\$CM	667	NVI	262
\$NM	662	\$GM	558
\$FM	654	\$GTPI	2750

MILK ROBOT

Efficiency	96	Interval	100
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FERTILITY

DPR	-0.5	HCR	0.5
SSB	5.0	CCR	0.2
DSB	4.0	SCR	-0.4

FEED EFFICIENCY

Feed Saved	61	MUN	-0.1
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CDCB HEALTH

Metritis	0.9	DA	0.3
Retained Placenta	0.2	Milk Fever	0.2

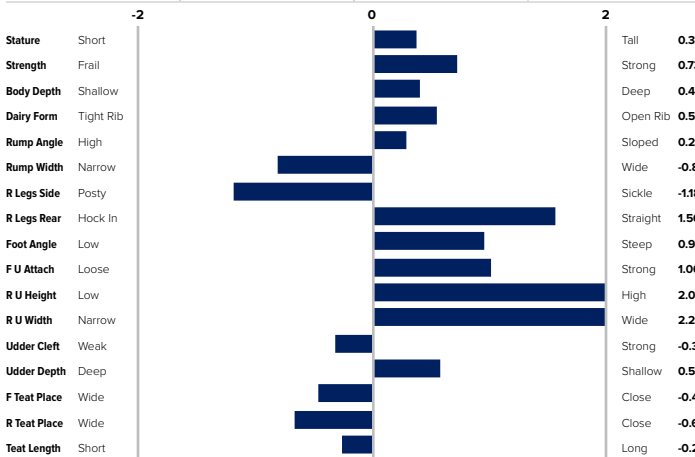
BIRTH TRAITS

Birth Index	109	Gest. Length	-1.5
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 79% Rel

PTAT	1.33	FLC	1.20	UDC	1.19	LOC	103
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097HO42374 LILLARD



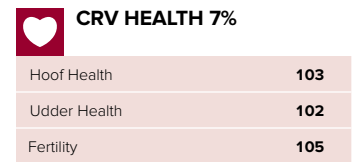
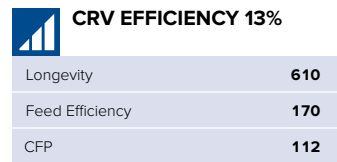
Lillard

FB LILLARD-ET
AltaRobert x Dynasty x
Hotshot
HO840003205436800

DOB: 6/23/19
99% RHA
GFI: 9.5%

Beta Casein: A2A2
Kappa Casein: BB

Sire: Schoene-Kuh AltaRobert-ET
Dam: FB 20155 Dynasty
390297-ET



PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	389	SCS	2.73
Fat	73	Fat %	0.20
Protein	39	Protein %	0.09

HEALTH TRAITS

PL	5.6	Livability	2.3
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	104	Persistency	109
Ketosis	106		

CALVING TRAITS

Calf Survival	101	SCE	1.9
BW	96	EFC	106
DCE	1.2		

INDEXES

\$CM	718	NVI	292
\$NM	668	\$GM	635
\$FM	563	\$GTPI	2764

MILK ROBOT

Efficiency	96	Interval	99
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FERTILITY

DPR	2.2	HCR	3.0
SSB	5.4	CCR	4.0
DSB	3.3	SCR	0.0

FEED EFFICIENCY

Feed Saved	-95	MUN	-0.1
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CDCB HEALTH

Metritis	0.3	DA	0.9
Retained Placenta	-0.4	Milk Fever	0.1

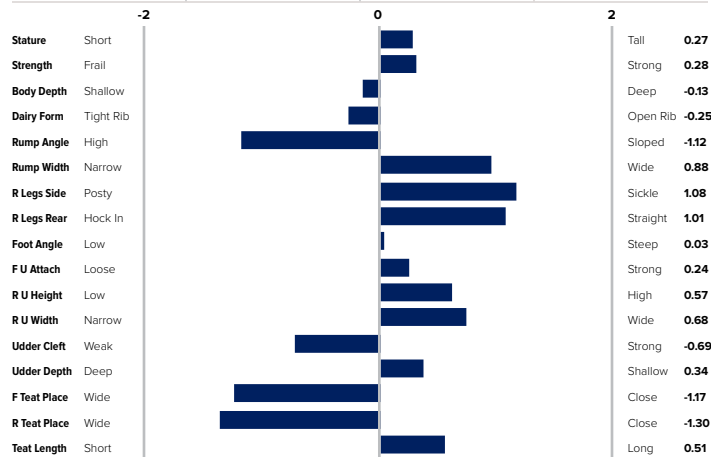
BIRTH TRAITS

Birth Index	108	Gest. Length	-1.1
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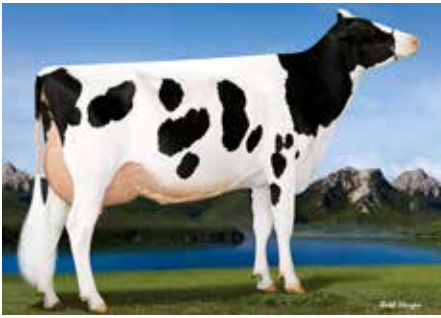
CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel

PTAT	0.60	FLC	0.80	UDC	0.14	LOC	103
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097HO42039 **AMPLUS**



Westcoast Monterey Alexa289-ET,Dam

PEAK AMPLUS-ET
 Lylas x Monterey x
 Supersire
 HO840003143160100
DOB: 3/24/18
aAa: 534162
99% RHA
DMS: 345,135
GFI: 10.3%
HH2
Beta Casein: A1A2
Kappa Casein: AB
Sire: Fustead Tango Lylas-ET
Dam: Westcoast Monterey
 Alexal 289

097HO42237 **ENTICE**



Entice

NO-FLA ENTICE-ET
 Collude x Montross x
 Supersire
 HO840003139069148
DOB: 6/6/18
aAa: 435216
98% RHA
DMS: 345
GFI: 9.4%
Beta Casein: A2A2
Kappa Casein: AB
Sire: Larcrest Collude-ET
Dam: No-Fla Montross 42427-ET
 GP-82
Pro: 1-08 3X 305 28,220M 3.6
 1023F 3.1865P

CRV EFFICIENCY 16%

Longevity	355
Feed Efficiency	161
CFP	90

CRV HEALTH 6%

Hoof Health	99
Udder Health	103
Fertility	106

CRV EFFICIENCY 14%

Longevity	494
Feed Efficiency	198
CFP	120

CRV HEALTH 1%

Hoof Health	99
Udder Health	102
Fertility	100

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	708	SCS	2.78
Fat	58	Fat %	0.11
Protein	32	Protein %	0.03

HEALTH TRAITS

PL	3.3	Livability	-0.6
Clinical Mastitis	102	Subclinical Mastitis	103
Temperament	103	Persistency	107
Ketosis	96		

CALVING TRAITS

Calf Survival	102	SCE	2.0
BW	98	EFC	107
DCE	1.8		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	972	SCS	2.77
Fat	73	Fat %	0.12
Protein	47	Protein %	0.06

HEALTH TRAITS

PL	2.5	Livability	-2.1
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	106	Persistency	105
Ketosis	100		

CALVING TRAITS

Calf Survival	98	SCE	1.8
BW	99	EFC	100
DCE	2.6		

INDEXES

\$CM	545	NVI	231
\$NM	523	\$GM	504
\$FM	478	\$GTPI	2637

MILK ROBOT

Efficiency	101	Interval	99
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FERTILITY

DPR	1.2	HCR	2.7
SSB	5.4	CCR	1.9
DSB	3.0	SCR	-0.9
Birth Index	112	Gest. Length	-1.3

CDCB HEALTH

Metritis	0.9	DA	0.1
Retained Placenta	-0.1	Milk Fever	-0.1

FEED EFFICIENCY

Feed Saved	146	MUN	0.2
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INDEXES

\$CM	584	NVI	209
\$NM	550	\$GM	493
\$FM	480	\$GTPI	2677

MILK ROBOT

Efficiency	103	Interval	101
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FERTILITY

DPR	-0.4	HCR	1.0
SSB	5.8	CCR	0.8
DSB	6.8	SCR	-1.8
Birth Index	101	Gest. Length	-1.8

CDCB HEALTH

Metritis	1.5	DA	-0.1
Retained Placenta	0.6	Milk Fever	0.1

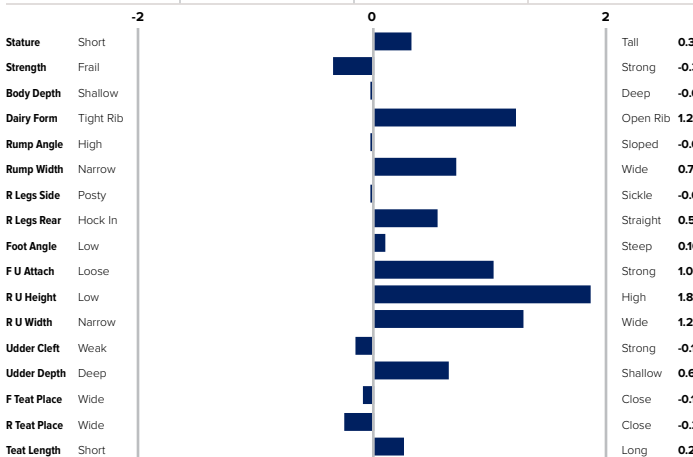
FEED EFFICIENCY

Feed Saved	33	MUN	-0.2
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 79% Rel

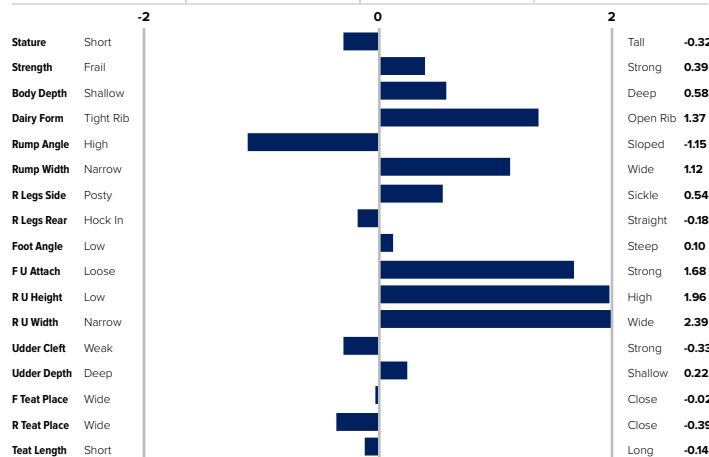
PTAT	1.00	FLC	0.41	UDC	0.98	LOC	97
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 78% Rel

PTAT	1.20	FLC	0.02	UDC	1.42	LOC	97
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097HO42340 MINCE



Mince

EILDON-TWEED MINCE-ET
Kenobi x Flagship x Rubicon
HO840003205770086

Sire: De-Su 14222 Kenobi-ET
Dam: Eldon-Tweed Flagsh Mink 5 VG-86

DOB: 3/8/19
99% RHA
GFI: 10.5%

Beta Casein: A1A2
Kappa Casein: BE

CRV HEALTH 3%

Hoof Health	99	Udder Health	102
Fertility	104		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	731	SCS	2.80
Fat	93	Fat %	0.23
Protein	42	Protein %	0.07

MILK ROBOT

Efficiency	99	Interval	98
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INDEXES

\$CM	694	NVI	199
\$NM	657	\$GM	579
\$FM	580	\$GTPI	2779

FEED EFFICIENCY

Feed Saved	34	MUN	0.1
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CRV EFFICIENCY 13%

Longevity	349	Feed Efficiency	107
CFP	135		

HEALTH TRAITS

PL	2.5	Livability	-1.0
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	108	Persistence	104
Ketosis	105		

CALVING TRAITS

Calf Survival	98	SCE	1.9
BW	102	EFC	103
DCE	2.5		

FERTILITY

DPR	-1.1	HCR	0.8
SSB	5.9	CCR	0.8
DSB	5.0	SCR	0.0
Birth Index	104	Gestation Length	-0.8

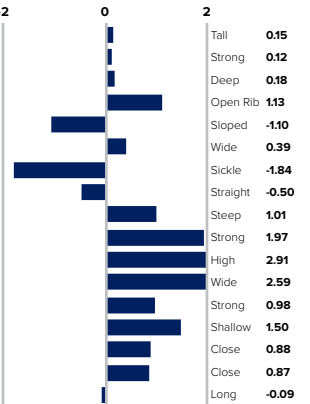
CDCB HEALTH

Metritis	0.6
Retained Placenta	0.2
DA	0.4
Milk Fever	0.0

Stature	Short
Strength	Frail
Body Depth	Shallow
Dairy Form	Tight Rib
Rump Angle	High
Rump Width	Narrow
R Legs Side	Posty
R Legs Rear	Hock In
Foot Angle	Low
F U Attach	Loose
R U Height	Low
R U Width	Narrow
Udder Cleft	Weak
Udder Depth	Deep
F Teat Place	Wide
R Teat Place	Wide
Teat Length	Short

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel			
PTAT	1.48	FLC	-0.54
UDC	2.20	LOC	94



097HO42337 MATOS



Matos

PEAK MATOS-ET
AltaLiaison x Denver x Balisto
HO840003200824753

Sire: Peak AltaLiaison-ET
Dam: Endco Exacta-ET

DOB: 1/21/19
99% RHA
GFI: 10.0%

Beta Casein: A2A2
Kappa Casein: AA

CRV HEALTH 1%

Hoof Health	97	Udder Health	102
Fertility	101		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 77% Rel

Milk	835	SCS	2.82
Fat	64	Fat %	0.11
Protein	49	Protein %	0.08

MILK ROBOT

Efficiency	108	Interval	98
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INDEXES

\$CM	673	NVI	221
\$NM	630	\$GM	567
\$FM	540	\$GTPI	2752

FEED EFFICIENCY

Feed Saved	104	MUN	-0.1
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CRV EFFICIENCY 15%

Longevity	524	Feed Efficiency	108
CFP	113		

HEALTH TRAITS

PL	5.1	Livability	1.9
Clinical Mastitis	100	Subclinical Mastitis	104
Temperament	103	Persistence	111
Ketosis	103		

CALVING TRAITS

Calf Survival	101	SCE	2.3
BW	102	EFC	97
DCE	2.3		

FERTILITY

DPR	0.5	HCR	2.1
SSB	6.3	CCR	2.4
DSB	5.1	SCR	-0.3
Birth Index	102	Gestation Length	0.9

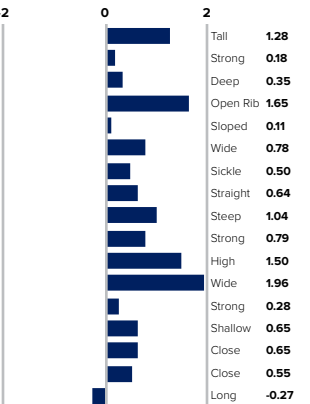
CDCB HEALTH

Metritis	0.1
Retained Placenta	0.1
DA	0.5
Milk Fever	0.1

Stature	Short
Strength	Frail
Body Depth	Shallow
Dairy Form	Tight Rib
Rump Angle	High
Rump Width	Narrow
R Legs Side	Posty
R Legs Rear	Hock In
Foot Angle	Low
F U Attach	Loose
R U Height	Low
R U Width	Narrow
Udder Cleft	Weak
Udder Depth	Deep
F Teat Place	Wide
R Teat Place	Wide
Teat Length	Short

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 76% Rel			
PTAT	1.27	FLC	0.71
UDC	0.90	LOC	99



097HO42092 EAGLE



Eagle

MAPLEHURST EAGLE
Spectre x Josuper x Mogul
HO840003142710599

Sire: De-Su 13050 Spectre-ET
Dam: Maplehurst Josuper 3651-ET
Pro: 2-01 3X 305 28,730M 3.8 1090F 2.8 796P

DOB: 9/2/17
aAa: 324156
99% RHA
DMS: 345,135
GFI: 10.3%

Beta Casein: A2A2
Kappa Casein: AA

CRV HEALTH 1%

Hoof Health	99	Udder Health	100
Fertility	97		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1889	SCS	2.94
Fat	113	Fat %	0.14
Protein	51	Protein %	-0.03

MILK ROBOT

Efficiency	103	Interval	101
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INDEXES

\$CM	667	NVI	151
\$NM	674	\$GM	520
\$FM	693	\$GTPI	2691

FEED EFFICIENCY

Feed Saved	47	MUN	0.0
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CRV EFFICIENCY 14%

Longevity	272	Feed Efficiency	110
CFP	164		

HEALTH TRAITS

PL	2.9	Livability	0.0
Clinical Mastitis	99	Subclinical Mastitis	101
Temperament	106	Persistence	106
Ketosis	99		

CALVING TRAITS

Calf Survival	97	SCE	1.7
BW	99	EFC	97
DCE	2.0		

FERTILITY

DPR	-3.3	HCR	-0.4
SSB	5.3	CCR	-2.1
DSB	6.3	SCR	-1.8
Birth Index	105	Gestation Length	-1.9

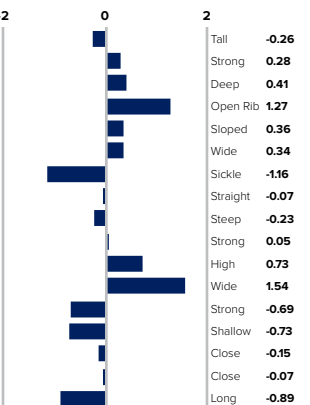
CDCB HEALTH

Metritis	0.8
Retained Placenta	-0.2
DA	0.8
Milk Fever	-0.1

Stature	Short
Strength	Frail
Body Depth	Shallow
Dairy Form	Tight Rib
Rump Angle	High
Rump Width	Narrow
R Legs Side	Posty
R Legs Rear	Hock In
Foot Angle	Low
F U Attach	Loose
R U Height	Low
R U Width	Narrow
Udder Cleft	Weak
Udder Depth	Deep
F Teat Place	Wide
R Teat Place	Wide
Teat Length	Short

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 78% Rel			
PTAT	0.61	FLC	-0.36
UDC	0.30	LOC	97



097HO42236 ALLOY



Alloy

BUSH-BROS ALLOY-ET

Samsung x Delco x Cabriolet
HO840003141558704

Sire: Higherransom Samsung-ET
Dam: Bush-Bros Delco 1429-ET
Pro: 1-09 3X 305 26,680M 3.9 1038F
3.0 797P

DOB: 11/15/18

aAa: 423615

99% RHA

GFI: 8.8%

Beta Casein: A1A2

Kappa Casein: AB

CRV HEALTH 3%

Hoof Health	100	Udder Health	103
Fertility	103		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	546	SCS	2.80
Fat	75	Fat %	0.19
Protein	20	Protein %	0.01

MILK ROBOT

Efficiency	100	Interval	99
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INDEXES

\$CM	607	NVI	227
\$NM	597	\$GM	509
\$FM	578	\$GTPI	2595

FEED EFFICIENCY

Feed Saved	338	MUN	-0.1
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CRV EFFICIENCY 20%

Longevity	424	Feed Efficiency	113
CFP	95		

HEALTH TRAITS

PL	4.7	Livability	3.4
Clinical Mastitis	102	Subclinical Mastitis	103
Temperament	104	Persistence	104
Ketosis	101		

CALVING TRAITS

Calf Survival	-	SCE	2.5
BW	102	EFC	101
DCE	2.2		

FERTILITY

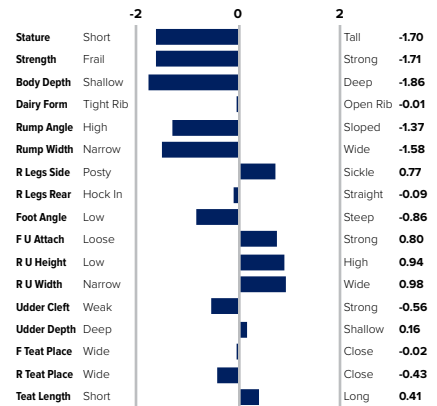
DPR	-0.2	HCR	-1.7
SSB	6.3	CCR	-0.6
DSB	5.6	SCR	0.0
Birth Index	104	Gestation Length	-0.6

CDCB HEALTH

Metritis	1.5
Retained Placenta	0.0
DA	0.6
Milk Fever	0.0

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 75% Rel			
PTAT	0.16	FLC	0.26
UDC	0.94	LOC	99



097HO42167 MAXIMO



Peak Maisy 80140-ET

PEAK MAXIMO

Imax x Jedi x Halogen
HO840003147839955

Sire: Silverridge V Imax-ET
Dam: Peak Maisy 80140-ET

DOB: 12/12/17

aAa: 432516

99% RHA

DMS: 345,234

GFI: 10.7%

HH5

Beta Casein: A1A2

Kappa Casein: AB

CRV HEALTH 4%

Hoof Health	100	Udder Health	101
Fertility	106		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1367	SCS	2.85
Fat	73	Fat %	0.07
Protein	48	Protein %	0.02

MILK ROBOT

Efficiency	99	Interval	98
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INDEXES

\$CM	655	NVI	204
\$NM	640	\$GM	601
\$FM	611	\$GTPI	2764

FEED EFFICIENCY

Feed Saved	-91	MUN	0.4
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CRV EFFICIENCY 9%

Longevity	263	Feed Efficiency	104
CFP	121		

HEALTH TRAITS

PL	4.8	Livability	0.3
Clinical Mastitis	99	Subclinical Mastitis	103
Temperament	101	Persistence	102
Ketosis	102		

CALVING TRAITS

Calf Survival	96	SCE	1.6
BW	96	EFC	100
DCE	1.5		

FERTILITY

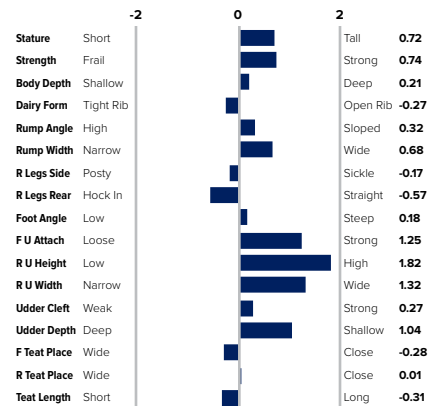
DPR	1.6	HCR	1.2
SSB	5.6	CCR	3.5
DSB	4.3	SCR	0.7
Birth Index	104	Gestation Length	-0.5

CDCB HEALTH

Metritis	1.2
Retained Placenta	0.4
DA	0.7
Milk Fever	0.2

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 80% Rel			
PTAT	0.83	FLC	-0.61
UDC	1.08	LOC	97



097HO41974 SHERO



Bryhill Ransom Marquise-ET GP-83,Dam

PEAK SHERO-ET

Superhero x Ransom x Robust
HO840003139851859

Sire: Endco Superhero-ET
Dam: Bryhill Ransom Marquise-ET GP-83
Pro: 2-02 2X 365 27,986M 4.6 1278F
3.6 995P

DOB: 11/26/16

aAa: 312456

99% RHA

DMS: 135,123

GFI: 10.6%

Beta Casein: A2A2

Kappa Casein: BB

CRV HEALTH 7%

Hoof Health	105	Udder Health	102
Fertility	103		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	293	SCS	2.76
Fat	52	Fat %	0.14
Protein	31	Protein %	0.08

MILK ROBOT

Efficiency	101	Interval	100
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INDEXES

\$CM	629	NVI	225
\$NM	589	\$GM	554
\$FM	503	\$GTPI	2683

FEED EFFICIENCY

Feed Saved	-28	MUN	0.1
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CRV EFFICIENCY 9%

Longevity	425	Feed Efficiency	104
CFP	83		

HEALTH TRAITS

PL	5.9	Livability	4.7
Clinical Mastitis	101	Subclinical Mastitis	102
Temperament	106	Persistence	107
Ketosis	106		

CALVING TRAITS

Calf Survival	104	SCE	1.6
BW	96	EFC	100
DCE	1.4		

FERTILITY

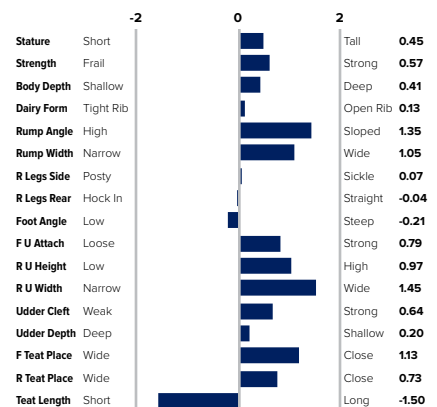
DPR	2.3	HCR	0.9
SSB	5.9	CCR	4.1
DSB	4.6	SCR	-0.8
Birth Index	108	Gestation Length	-2.4

CDCB HEALTH

Metritis	1.7
Retained Placenta	0.1
DA	0.1
Milk Fever	0.0

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 81% Rel			
PTAT	0.81	FLC	0.15
UDC	0.72	LOC	100



097HO42038 FUMAGALLI



Gil-Gar Mogul Frugli-ET VG-86, Granddam

GIL-GAR FUMAGALLI-ET
AltaAmulet x AltaLeaf x Mogul
HOUSA000144116797

Sire: Peak AltaAmulet-ET
Dam: Gil-Gar Leaf Freckl-ET VG-86

DOB: 3/14/17
aAa: 435216
99% RHA
DMS: 234,345
GFI: 9.6%

Beta Casein: A2A2
Kappa Casein: AB

CRV HEALTH 4%

Hoof Health	103	Udder Health	103
Fertility	106		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	969	SCS	2.75
Fat	66	Fat %	0.10
Protein	40	Protein %	0.03

MILK ROBOT

Efficiency	102	Interval	101
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INDEXES

\$CM	575	NVI	182
\$NM	552	\$GM	447
\$FM	506	\$GTPI	2708

FEED EFFICIENCY

Feed Saved	-70	MUN	0.1
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CRV EFFICIENCY 5%

Longevity	390	Feed Efficiency	100
CFP	106		

HEALTH TRAITS

PL	3.7	Livability	1.4
Clinical Mastitis	102	Subclinical Mastitis	103
Temperament	108	Persistence	103
Ketosis	104		

CALVING TRAITS

Calf Survival	99	SCE	2.5
BW	103	EFC	103
DCE	2.3		

FERTILITY

DPR	-1.5	HCR	1.2
SSB	6.5	CCR	-1.5
DSB	6.5	SCR	-1.9
Birth Index	101	Gestation Length	-0.5

CDCB HEALTH

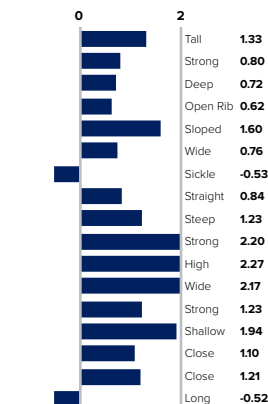
Metritis	0.6
Retained Placenta	0.1
DA	0.8
Milk Fever	0.0

Stature	Short	-2
Strength	Frail	
Body Depth	Shallow	
Dairy Form	Tight Rib	
Rump Angle	High	
Rump Width	Narrow	
R Legs Side	Posty	
R Legs Rear	Hock In	
Foot Angle	Low	
F U Attach	Loose	
R U Height	Low	
R U Width	Narrow	
Udder Cleft	Weak	
Udder Depth	Deep	
F Teat Place	Wide	
R Teat Place	Wide	
Teat Length	Short	

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 80% Rel

PTAT	1.84	FLC	0.86
UDC	1.82	LOC	100



097HO42071 LANGLEY



Langley

PEAK LANGLEY-ET
Hotline x Delta x Supersire
HO840003140986357

Sire: Peak Hotline-ET
Dam: OCD Lavish-ET GP-83
Pro: 2-06 2X 365 26,840M 4.3 1142F 3.7 983P

DOB: 5/7/17
aAa: 435216
100% RHA
DMS: 456,246
GFI: 10.9%

HH1
Beta Casein: A2A2
Kappa Casein: AA

CRV HEALTH 4%

Hoof Health	100	Udder Health	99
Fertility	101		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1206	SCS	3.07
Fat	94	Fat %	0.16
Protein	57	Protein %	0.07

MILK ROBOT

Efficiency	103	Interval	100
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INDEXES

\$CM	637	NVI	239
\$NM	605	\$GM	511
\$FM	534	\$GTPI	2765

FEED EFFICIENCY

Feed Saved	-10	MUN	0.1
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CRV EFFICIENCY 13%

Longevity	292	Feed Efficiency	106
CFP	151		

HEALTH TRAITS

PL	1.0	Livability	-2.0
Clinical Mastitis	99	Subclinical Mastitis	100
Temperament	100	Persistence	104
Ketosis	105		

CALVING TRAITS

Calf Survival	100	SCE	1.8
BW	96	EFC	101
DCE	2.2		

FERTILITY

DPR	-1.7	HCR	-0.7
SSB	5.3	CCR	-1.4
DSB	4.3	SCR	0.1
Birth Index	107	Gestation Length	-1.7

CDCB HEALTH

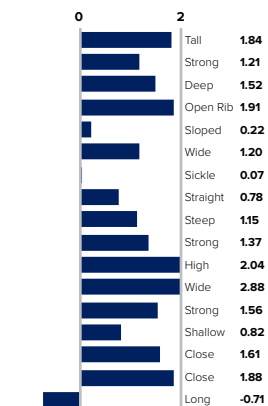
Metritis	1.4
Retained Placenta	0.2
DA	0.4
Milk Fever	0.0

Stature	Short	-2
Strength	Frail	
Body Depth	Shallow	
Dairy Form	Tight Rib	
Rump Angle	High	
Rump Width	Narrow	
R Legs Side	Posty	
R Legs Rear	Hock In	
Foot Angle	Low	
F U Attach	Loose	
R U Height	Low	
R U Width	Narrow	
Udder Cleft	Weak	
Udder Depth	Deep	
F Teat Place	Wide	
R Teat Place	Wide	
Teat Length	Short	

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 80% Rel

PTAT	1.63	FLC	0.50
UDC	1.42	LOC	99



097HO42142 DOC HARDY



Doc Hardy

SIEMERS DOC HARDY
King Doc x Monterey x Mogul
HO840003148093491

Sire: Woodcrest King Doc
Dam: Siemers Monterey Hanan-ET VG-85

DOB: 2/17/18
aAa: 234615
99% RHA
DMS: 126,123
GFI: 10.5%

Beta Casein: A2A2
Kappa Casein: AB

CRV HEALTH -1%

Hoof Health	100	Udder Health	97
Fertility	100		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1273	SCS	3.11
Fat	65	Fat %	0.06
Protein	45	Protein %	0.02

MILK ROBOT

Efficiency	109	Interval	95
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INDEXES

\$CM	445	NVI	149
\$NM	436	\$GM	341
\$FM	416	\$GTPI	2659

FEED EFFICIENCY

Feed Saved	-54	MUN	0.2
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CRV EFFICIENCY 12%

Longevity	180	Feed Efficiency	106
CFP	110		

HEALTH TRAITS

PL	0.7	Livability	-3.1
Clinical Mastitis	96	Subclinical Mastitis	99
Temperament	101	Persistence	107
Ketosis	97		

CALVING TRAITS

Calf Survival	99	SCE	2.3
BW	99	EFC	108
DCE	2.2		

FERTILITY

DPR	-2.8	HCR	0.1
SSB	5.9	CCR	-3.3
DSB	5.6	SCR	-0.1
Birth Index	101	Gestation Length	1.3

CDCB HEALTH

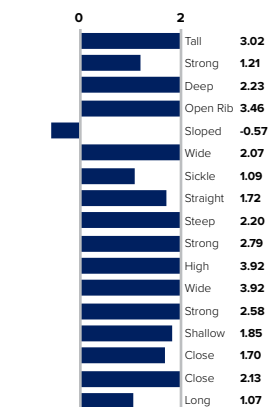
Metritis	0.7
Retained Placenta	0.1
DA	0.2
Milk Fever	0.0

Stature	Short	-2
Strength	Frail	
Body Depth	Shallow	
Dairy Form	Tight Rib	
Rump Angle	High	
Rump Width	Narrow	
R Legs Side	Posty	
R Legs Rear	Hock In	
Foot Angle	Low	
F U Attach	Loose	
R U Height	Low	
R U Width	Narrow	
Udder Cleft	Weak	
Udder Depth	Deep	
F Teat Place	Wide	
R Teat Place	Wide	
Teat Length	Short	

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 80% Rel

PTAT	3.29	FLC	1.54
UDC	2.45	LOC	98



NAAB CODE	NAME	BETA CASEIN	KAPPA CASEIN	eAa	DMS	PEDIGREE	NO. OF DAUGHTERS	NO. OF HERDS	HEALTH					EFFICIENCY		
									CRV HEALTH	UDDER	HOOF	KETOSIS	PL	CRV EFFICIENCY	MUN	PERSISTENCY
097HO42425	ENGINEER	A2A2	AB	351426	561	Pursuit x Prophecy x Delta	-	-	4	102	100	102	6.4	13	0.30	106
097HO42478	GOKU	A1A2	BB	423165	561,456	Maestro x Marius x Altatopshot	-	-	7	106	103	105	6.0	11	0.00	-
097HO42368	HONEYCOMB	A2A2	BB	342516	345,234	AltaZarek x Prophecy x Delta	-	-	5	102	104	102	6.5	15	0.00	112
097HO42464	INTRICATE	A2A2	AB	-	-	Pursuit x Achiever x Delta	-	-	6	103	102	100	5.1	14	0.30	103
097HO42422	FERRY	A1A2	AB	243156	345,135	Merrimac x Frazzled x Silver	-	-	4	101	100	105	5.4	9	0.20	105
097HO42435	OFFSIDE	A2A2	BB	-	-	AltaLawson x Achiever x Delta	-	-	2	100	96	105	6.4	18	0.20	105
097HO42367	HALFTIME	A1A2	BB	342156	123,126	Gamechanger x Achiever x Delta	-	-	5	104	100	103	5.7	16	-0.10	107
097HO42479	GOGETA	A1A2	BB	-	-	Maestro x Marius x Delta	-	-	2	101	100	99	5.1	15	0.10	-
097HO42341	PINE	A2A2	AB	-	-	Achiever x Duke x Supersire	-	-	2	103	99	100	3.1	13	-0.10	101
097HO42437	ESCAPADE	A2A2	BB	234156	126,561	Acura x Samaritan x Achiever	-	-	5	103	101	104	4.6	18	0.40	106
097HO42366	FLIGHTPLAN	A2A2	AB	312546	345,234	Legacy x Delta x Supersire	-	-	3	104	101	100	7.4	18	0.10	108
097HO42436	SPARKPLUG	A1A2	AB	435126	345,135	Entity x Copycat x Spring	-	-	4	100	100	105	3.8	11	0.30	102
097HO42354	MAINLINE	A1A2	AE	-	-	Sassafras x Achiever x Josuper	-	-	6	100	102	107	4.5	11	0.20	107
097HO42234	MORANT	A2A2	AB	243156	-	AltaMontoya x Modesty x Jabir	-	-	2	99	100	106	5.1	15	0.10	105
097HO42338	COUNCIL	A2A2	AB	-	-	Crimson x Frazzled x Delta	-	-	5	103	101	106	5.8	6	0.10	104
097HO42265	BANNER	A2A2	BB	-	561,135	Crimson x Blowtorch x Josuper	-	-	0	99	97	101	3.4	9	-0.20	105
097HO42267	VENITO	A1A2	BB	432516	-	Challenger x Jedi x Tatum	-	-	7	102	102	108	6.6	12	0.30	102
097HO42374	LILLARD	A2A2	BB	-	-	AltaRobert x Dynasty x Hotshot	-	-	7	102	103	106	5.6	13	-0.10	109
097HO41744	LIGERO	A1A2	AE	243651	561,456	Yoder x Supersire x Massey	491	51	2	100	100	97	3.4	16	-0.20	105
097HO42423	MARTINI	A2A2	AA	-	-	Milktime x Frazzled x Montross	-	-	1	102	103	98	5.8	12	-0.30	105
097HO42356	CAMDEN	A2A2	AB	234156	-	AltaRobert x Jedi x Yoder	-	-	4	100	102	106	4.9	11	0.00	103
097HO42340	MINCE	A1A2	BE	-	-	Kenobi x Flagship x Rubicon	-	-	3	102	99	105	2.5	13	0.10	104
097HO42339	GROOT	A2A2	BE	-	-	Glitz x Frazzled x Delta	-	-	8	104	103	107	6.6	13	0.20	103
097HO42312	BULLRUSH	A2A2	BB	312456	-	Positive x Delta x Supersire	-	-	2	102	98	104	2.5	14	0.30	100
097HO42266	SHAWARMA	A2A2	BB	435216	-	Milktime x Jedi x Yoder	-	-	5	104	100	99	5.7	14	0.20	102
097HO42337	MATOS	A2A2	AA	-	-	AltaLiaison x Denver x Balisto	-	-	1	102	97	103	5.1	15	-0.10	111
097HO42013	MATCHUP	A2A2	BB	165243	345,135	AltaTopshot x Delta x Ransom	-	-	4	100	99	104	5.7	11	0.30	100
097HO42106	LUKAKU	A1A2	AE	423615	345,456	Eldorado x Rubicon x McCutchen	-	-	5	103	99	104	5.6	14	-0.10	107
097HO42092	EAGLE	A2A2	AA	324156	345,135	Spectre x Josuper x Mogul	-	-	1	100	99	99	2.9	14	0.00	106
097HO42167	MAXIMO	A1A2	AB	432516	345,234	Imax x Jedi x Halogen	-	-	4	101	100	102	4.8	9	0.40	102
097HO42071	LANGLEY	A2A2	AA	435216	456,246	Hotline x Delta x Supersire	-	-	4	99	100	105	1.0	13	0.10	104
097HO41974	SHERO	A2A2	BB	312456	135,123	Superhero x Ransom x Robust	-	-	7	102	105	106	5.9	9	0.10	107
097HO41742	EVEREST	A1A2	BB	324156	345,456	Yoder x Massey x Beacon	1088	128	3	102	101	103	2.0	10	0.20	104
097HO42236	ALLOY	A1A2	AB	423615	-	Samsung x Delco x Cabriolet	-	-	3	103	100	101	4.7	20	-0.10	104
097HO42237	ENTICE	A2A2	AB	435216	345	Collude x Montross x Supersire	-	-	1	102	99	100	2.5	14	-0.20	105
097HO42038	FUMAGALLI	A2A2	AB	435216	234,345	AltaAmulet x AltaLeaf x Mogul	-	-	4	103	103	104	3.7	5	0.10	103
097HO42039	AMPLUS	A1A2	AB	534162	345,135	Lylas x Monterey x Supersire	-	-	6	103	99	96	3.3	16	0.20	107
097HO41774	HOTLINE	A2A2	AA	321465	126,246	AltaHotRod x Mogul x Man O Man	4012	1237	3	99	103	102	-1.5	8	1.40	102
097HO42142	DOC HARDY	A2A2	AB	234615	126,123	King Doc x Monterey x Mogul	-	-	-1	97	100	97	0.7	12	0.20	107

Information from CDCB 04.21 production and HA 04.21 type evaluations. BY+ denotes Brachyspina positive bulls with 95% reliability. TPI is a servicemark of Holstein Association USA, Inc.

Spring 2021 Dairy Guide

PREMIUM MILK								CONFORMATION				FERTILITY				MILK ROBOT		US INDEXES				SiryX
CFP	MILK	FAT	FAT %	PROTEIN	PROTEIN %	SCS	PRO %R	PTAT	UDC	FLC	BW	DPR	SCE	SSB	CRV FERTILITY	EFFICIENCY	INTERVAL	CM\$	NM\$	GM\$	TPI	SiryX
152	718	99	0.25	53	0.11	2.69	77	1.08	0.75	0.90	99	0.6	2.2	6.6	103	103	104	898	840	745	2986	SiryX
151	880	94	0.21	57	0.10	2.68	76	1.23	1.20	-0.05	98	1.5	1.9	6.1	106	98	102	877	821	750	3000	SiryX
145	804	99	0.24	46	0.07	2.69	77	0.66	0.73	0.34	94	0.2	1.5	5.2	102	99	102	860	818	716	2900	SiryX
142	905	93	0.20	49	0.07	2.76	77	1.69	1.49	0.51	98	1.0	1.8	6.1	103	107	101	842	801	730	2967	SiryX
149	1136	98	0.19	51	0.05	2.72	77	0.46	0.86	0.17	101	1.1	2.2	5.5	105	102	102	836	803	725	2910	SiryX
133	630	86	0.22	47	0.10	2.83	77	0.80	0.72	0.04	99	1.0	2.1	5.5	101	105	101	835	786	711	2864	SiryX
139	891	91	0.20	48	0.07	2.71	77	1.51	1.26	0.76	100	-0.4	1.7	4.8	105	100	101	814	774	668	2910	SiryX
156	1370	98	0.15	58	0.05	2.83	76	1.33	1.08	0.63	102	-0.4	2.2	5.8	101	103	100	806	775	677	2916	SiryX
165	435	120	0.36	45	0.11	2.68	80	1.02	0.93	0.49	99	-2.5	2.3	5.5	101	99	102	803	745	604	2816	-
149	1768	91	0.08	58	0.01	2.95	77	1.50	0.98	0.70	102	0.4	2.3	5.7	105	107	101	794	784	707	2929	SiryX
115	676	76	0.17	39	0.06	2.68	78	-0.07	0.70	-0.04	97	0.5	1.8	5.4	103	101	101	792	755	664	2759	SiryX
161	1431	105	0.17	56	0.04	2.84	77	1.19	1.31	0.82	99	-0.1	2.3	5.8	105	99	103	778	753	658	2928	SiryX
132	333	103	0.32	29	0.07	2.93	78	0.31	1.01	0.60	97	1.0	1.5	5.2	107	100	100	778	746	686	2797	SiryX
144	859	90	0.20	54	0.09	2.83	79	0.59	0.76	0.10	102	-1.9	2.2	5.2	100	104	98	773	724	586	2761	SiryX
123	858	88	0.19	35	0.03	2.54	79	0.45	0.66	-0.11	99	0.7	2.3	5.4	101	102	100	727	702	621	2780	SiryX
173	1954	105	0.10	68	0.02	2.81	79	1.14	0.40	-0.04	99	-2.0	2.3	6.0	99	101	101	726	706	574	2834	SiryX
98	945	54	0.06	44	0.05	2.80	78	0.60	1.13	-0.43	98	4.1	1.8	5.9	108	99	101	721	691	696	2797	SiryX
112	389	73	0.20	39	0.09	2.73	77	0.60	0.14	0.80	96	2.2	1.9	5.4	105	96	99	718	668	635	2764	SiryX
140	1445	90	0.12	50	0.02	2.87	98	0.53	0.45	0.68	98	-1.0	1.8	4.9	99	104	100	714	700	605	2766	SiryX
138	2308	71	-0.06	67	-0.02	2.58	78	1.12	1.60	0.00	102	-1.5	2.0	5.2	99	103	100	706	700	571	2844	SiryX
118	981	70	0.11	48	0.06	2.90	76	0.71	0.73	0.31	99	2.2	1.9	4.9	103	103	99	698	666	636	2790	SiryX
135	731	93	0.23	42	0.07	2.80	79	1.48	2.20	-0.54	102	-1.1	1.9	5.9	104	99	98	694	657	579	2779	SiryX
103	1249	54	0.02	49	0.03	2.75	77	0.91	1.62	-0.06	96	0.9	2.0	5.6	107	98	101	690	665	599	2786	SiryX
145	915	96	0.21	49	0.07	2.98	79	1.89	1.86	0.18	100	-1.4	2.2	5.5	101	100	102	676	641	544	2787	SiryX
125	2043	58	-0.07	67	0.01	2.61	78	0.75	0.84	-0.53	97	0.1	2.0	5.4	103	97	100	675	657	574	2793	SiryX
113	835	64	0.11	49	0.08	2.82	77	1.27	0.90	0.71	102	0.5	2.3	6.3	101	108	98	673	630	567	2752	SiryX
112	1393	63	0.03	49	0.02	2.86	81	0.25	0.66	0.04	96	0.3	1.6	5.1	101	102	103	671	656	572	2718	SiryX
109	1181	73	0.09	36	0.00	2.80	80	1.33	1.19	1.20	97	-0.5	1.4	5.0	104	96	100	667	662	558	2750	SiryX
164	1889	113	0.14	51	-0.03	2.94	80	0.61	0.30	-0.36	99	-3.3	1.7	5.3	97	103	101	667	674	520	2691	SiryX
121	1367	73	0.07	48	0.02	2.85	80	0.83	1.08	-0.61	96	1.6	1.6	5.6	106	99	98	655	640	601	2764	SiryX
151	1206	94	0.16	57	0.07	3.07	80	1.63	1.42	0.50	96	-1.7	1.8	5.3	101	103	100	637	605	511	2765	SiryX
83	293	52	0.14	31	0.08	2.76	82	0.81	0.72	0.15	96	2.3	1.6	5.9	103	101	100	629	589	554	2683	SiryX
132	1267	90	0.14	42	0.01	2.93	98	0.90	0.55	0.14	99	0.3	2.6	5.8	101	103	99	611	603	550	2706	SiryX
95	546	75	0.19	20	0.01	2.80	79	0.16	0.94	0.26	102	-0.2	2.5	6.3	103	100	99	607	597	509	2595	SiryX
120	972	73	0.12	47	0.06	2.77	80	1.20	1.42	0.02	99	-0.4	1.8	5.8	100	103	101	584	550	493	2677	SiryX
106	969	66	0.10	40	0.03	2.75	80	1.84	1.82	0.86	103	-1.5	2.5	6.5	106	102	101	575	552	447	2708	SiryX
90	708	58	0.11	32	0.03	2.78	81	1.00	0.98	0.41	98	1.2	2.0	5.4	106	101	99	545	523	504	2637	SiryX
140	1030	89	0.17	51	0.07	3.03	99	3.02	2.40	1.51	99	-2.7	1.9	6.6	102	102	95	525	493	405	2762	SiryX
110	1273	65	0.06	45	0.02	3.11	80	3.29	2.45	1.54	99	-2.8	2.3	5.9	100	109	95	445	436	341	2659	SiryX

Dutch Holstein Bulls

NEW

NAAB CODE	NAME	BETA CASEIN	KAPPA CASEIN	aAa	PEDIGREE	NO. OF DAUGHTERS	NO. OF HERDS	HEALTH					EFFICIENCY		
								CRV HEALTH	UDDER	HOOF	KETOSIS	LONGEVITY	CRV EFFICIENCY	FEED EFFICIENCY	FEED SAVED
097HO41949	JACUZZI RED	A1A2	AE	243615	Livington x Incentive	0	0	6	106	103	100	602	23	113	1.20
097HO42413	LAUNCH PP	A1A2	BB	351426	Jopper P x Handy P	0	0	6	103	108	108	646	16	106	0.10
097HO42362	NOMINATOR	A1A2	AB	243615	Jacuzzi x Finder	0	0	6	105	101	104	672	18	108	0.46
097HO42175	WOODY	A2A2	AB	321456	Ranger x Jetset	0	0	4	105	105	101	473	12	105	-0.16
097HO42343	MIRACLE	A1A2	BB	234165	Lunar x Finder	0	0	6	103	101	109	523	14	107	0.21
097HO42355	FRAGRANT	A1A2	AE	432156	AltaCabot x Frazzled x Magoo	0	0	7	107	103	106	616	16	108	0.60
097HO42402	XANDER	A1A2	AB	423561	Floris x Beatbox	0	0	6	101	107	101	501	12	104	-0.08
097HO42325	ELOY RC	A2A2	AB	243165	Jacuzzi x Finder	0	0	7	107	104	105	548	15	107	0.41
097HO42461	BELIEVER	A2A2	BB	243165	Lunar x Altatopshot	0	0	5	100	105	106	502	13	107	0.39
097HO42320	SHAPE PP	A1A1	BE	324156	Hotspot P x Finder	0	0	6	103	104	106	432	14	108	0.62
097HO42394	LIMBIC	A2A2	AA	513462	Fisherman x Rush Hour	0	0	7	109	105	102	733	13	105	0.10
097HO42319	WARMOND P RC	A2A2	AA	234156	Mingo P x Handy P	0	0	4	101	104	102	224	13	108	0.69
097HO42274	NIPPON P	A2A2	BB	234165	Hotspot P x Bernell	0	0	9	104	105	105	460	12	105	0.19
097HO42215	PODCAST	A2A2	AA	234615	Simba x Laurent	0	0	8	105	107	104	639	12	104	0.07
097HO42396	EVERTON	A2A2	BB	345216	E Profit x Jorben	0	0	8	106	104	113	597	11	104	0.16
097HO42383	RIDGE	A2A2	BB	243156	Martin x Ranger	0	0	7	105	107	106	505	10	104	-0.05
097HO42220	BLESSING	A2A2	AB	423561	Jethro x Final	0	0	8	105	107	111	522	12	105	0.39
097HO42179	WIRDUM	A2A2	BB	354216	Ranger x Jorben	0	0	5	107	104	106	453	8	102	-0.17
097HO42350	FOND PP	A2A2	AB	324156	Mingo P x Laurent	0	0	6	104	102	107	215	6	101	-0.31
097HO42254	PADDOCK PP	A1A2	AB	324156	Sunfit P x Laurent	0	0	7	104	107	108	550	11	105	0.26
097HO41725	HANDY P	A1A2	AB	342516	Brekem x Packman x Lawn Boy	533	313	5	105	99	100	175	10	106	0.58
097HO41947	VINEYARD	A2A2	BB	165234	Magister x Hero	0	0	4	104	103	98	397	7	102	-0.40

Information presented on NVI Dutch base from 04.21.

Spring 2021 Dairy Guide

PREMIUM MILK								CONFORMATION			FERTILITY		MILK ROBOT		NL INDEXES	SiryX
CFP KG	MILK KG	FAT KG	FAT %	PROTEIN KG	PROTEIN %	SCS	PRO %R	PTAT	UDC	FLC	SCE	CRV FERTILITY	EFFICIENCY	INTERVAL	NVI	SiryX
191	1849	122	0.39	69	0.03	112	72	104	108	102	101	99	95	108	359	SiyX
180	1296	108	0.53	72	0.27	105	70	106	102	109	103	103	98	106	361	-
168	1695	104	0.29	64	0.03	109	69	109	110	106	104	102	99	106	355	-
162	1923	91	0.09	71	0.04	113	71	110	109	105	102	99	99	104	311	-
151	1563	81	0.14	70	0.15	112	70	107	107	102	106	102	95	103	296	-
148	1040	93	0.49	55	0.19	113	68	106	110	102	104	104	94	102	337	SiryX
141	800	93	0.61	48	0.21	106	70	110	107	109	106	105	98	100	313	-
139	1048	91	0.47	48	0.12	113	70	108	107	107	98	103	96	102	321	SiryX
138	1348	78	0.20	60	0.13	104	70	107	110	102	103	104	97	101	289	-
133	1093	82	0.36	51	0.13	107	69	103	106	102	104	103	101	100	279	-
128	1319	60	0.04	68	0.22	109	70	106	105	106	103	102	94	107	343	-
123	1385	59	0.00	64	0.15	104	70	102	100	105	103	105	104	106	255	-
120	965	54	0.13	66	0.33	109	69	110	114	103	106	110	100	106	343	SiryX
116	893	66	0.29	50	0.19	109	72	107	106	104	100	103	94	103	296	SiryX
114	659	62	0.36	52	0.31	105	70	111	113	104	104	103	97	105	297	-
105	1198	60	0.09	45	0.03	109	70	110	108	108	101	104	99	106	294	-
103	824	51	0.17	52	0.24	108	71	106	105	107	109	103	93	105	287	SiryX
92	879	40	0.03	52	0.22	109	71	110	106	109	103	103	99	104	267	-
91	209	56	0.55	35	0.33	107	70	106	105	104	104	109	98	105	225	-
89	796	54	0.21	35	0.08	111	69	106	103	108	103	105	95	103	267	-
76	896	38	0.00	38	0.07	105	93	100	101	99	104	105	98	108	183	-
74	1358	27	-0.30	47	0.00	107	72	107	109	101	104	102	100	105	203	SiryX

097HO42413 LAUNCH PP

NEW **POLLED**



Launch

DELTA LAUNCH PP RED

Jopper P x Handy P
NLDM000641394676

DOB: 1/3/20

aAa: 351426

99% RHA

Beta Casein: A1A2

Kappa Casein: BB

Sire: De Biehseuvel Jopper P

Dam: Caudumer Lol 422

CRV EFFICIENCY 16%

CRV HEALTH 6%

Longevity	646	Hoof Health	108
Feed Efficiency	106	Udder Health	103
CFP	180	Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1296	Fat kg	108	Fat %	0.53
SCS	105	Protein kg	72	Protein %	0.27

HEALTH TRAITS

Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis	Body Condition Score
102	104	102	101	108	102

CALVING TRAITS

Calf Survival	SCE	BW	DCE
100	103	96	105

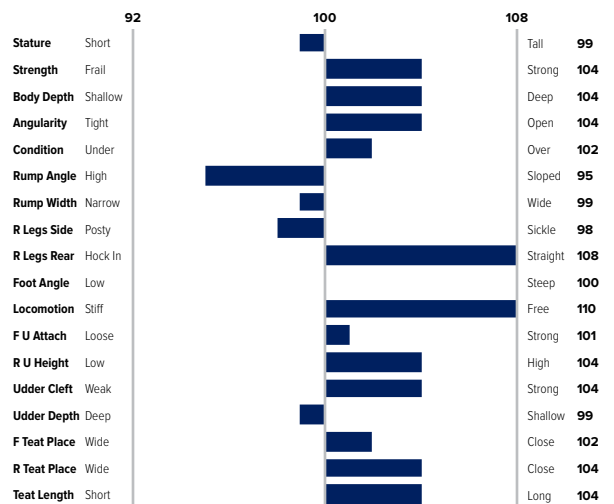
MILK ROBOT

Efficiency	Interval	Milking Speed
98	106	98

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	FLC	UDC	LOC
106	109	102	110



FEED EFFICIENCY

Feed Intake	3.41
Feed Saved	0.10

FERTILITY

Fertility Index	103
DSB	101

INDEXES

NVI	361
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Birth Index	101
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097HO42461 BELIEVER

NEW



LOWLANDS BELIEVER
 Lunar x Altatopshot
 NLDM000589817592
DOB: 10/22/19
aAa: 243165
98% RHA
Beta Casein: A2A2
Kappa Casein: BB
Sire: Delta Lunar
Dam: Belda 1

CRV EFFICIENCY 13%

Longevity	502
Feed Efficiency	107
CFP	138

CRV HEALTH 5%

Hoof Health	105
Udder Health	100
Fertility	104

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1348	SCS	104
Fat kg	78	Fat %	0.20
Protein kg	60	Protein %	0.13

HEALTH TRAITS

Clinical Mastitis	100	Subclinical Mastitis	101
Temperament	102	Persistency	108
Ketosis	106	Body Condition Score	102

CALVING TRAITS

Calf Survival	104	SCE	103
BW	98	DCE	107

FEED EFFICIENCY

Feed Intake	2.45
Feed Saved	0.39

MILK ROBOT

Efficiency	97
Interval	101

FERTILITY

Fertility Index	104
DSB	102
Birth Index	104

INDEXES

NVI	289
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 69% Rel

TYPE	107	FLC	103	UDC	110	LOC	104	
92								
Stature	Short	100				108	Tall	104
Strength	Frail	100				108	Strong	103
Body Depth	Shallow	100				108	Deep	100
Angularity	Tight	100				108	Open	101
Condition	Under	100				108	Over	102
Rump Angle	High	100				108	Sloped	98
Rump Width	Narrow	100				108	Wide	101
R Legs Side	Posty	100				108	Sickle	96
R Legs Rear	Hock In	100				108	Straight	102
Foot Angle	Low	100				108	Steep	105
Locomotion	Stiff	100				108	Free	103
F U Attach	Loose	100				108	Strong	110
R U Height	Low	100				108	High	109
Udder Cleft	Weak	100				108	Strong	106
Udder Depth	Deep	100				108	Shallow	106
F Teat Place	Wide	100				108	Close	103
R Teat Place	Wide	100				108	Close	104
Teat Length	Short	100				108	Long	101

097HO42402 XANDER

NEW



DELTA XANDER
 Floris x Beatbox
 NLDM000614974395
DOB: 12/2/19
aAa: 423561
99% RHA
Beta Casein: A1A2
Kappa Casein: AB
Sire: Delta Floris
Dam: Delta Xanne

CRV EFFICIENCY 12%

Longevity	501
Feed Efficiency	104
CFP	141

CRV HEALTH 6%

Hoof Health	107
Udder Health	101
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	800	SCS	106
Fat kg	93	Fat %	0.61
Protein kg	48	Protein %	0.21

HEALTH TRAITS

Clinical Mastitis	100	Subclinical Mastitis	103
Temperament	103	Persistency	107
Ketosis	101	Body Condition Score	101

CALVING TRAITS

Calf Survival	104	SCE	106
BW	94	DCE	103

FEED EFFICIENCY

Feed Intake	2.86
Feed Saved	-0.08

MILK ROBOT

Efficiency	98
Interval	100

FERTILITY

Fertility Index	105
DSB	106
Birth Index	107

INDEXES

NVI	313
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	110	FLC	109	UDC	107	LOC	109	
92								
Stature	Short	100				108	Tall	103
Strength	Frail	100				108	Strong	103
Body Depth	Shallow	100				108	Deep	102
Angularity	Tight	100				108	Open	103
Condition	Under	100				108	Over	101
Rump Angle	High	100				108	Sloped	109
Rump Width	Narrow	100				108	Wide	97
R Legs Side	Posty	100				108	Sickle	100
R Legs Rear	Hock In	100				108	Straight	105
Foot Angle	Low	100				108	Steep	103
Locomotion	Stiff	100				108	Free	109
F U Attach	Loose	100				108	Strong	109
R U Height	Low	100				108	High	104
Udder Cleft	Weak	100				108	Strong	96
Udder Depth	Deep	100				108	Shallow	106
F Teat Place	Wide	100				108	Close	102
R Teat Place	Wide	100				108	Close	95
Teat Length	Short	100				108	Long	100

097HO41949 JACUZZI RED



Jacuzzi Red

DELTA JACUZZI RED

Livington x Incentive
HONLD000666249656

DOB: 4/5/17

aAa: 243615

95% RHA

Beta Casein: A1A2

Kappa Casein: AE

Sire: Het Meer Livington

Dam: Oversticht Delta Jina

CRV EFFICIENCY 23%

Longevity	602
Feed Efficiency	113
CFP	191

CRV HEALTH 6%

Hoof Health	103
Udder Health	106
Fertility	99

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	1849	Fat kg	122	Fat %	0.39
SCS	112	Protein kg	69	Protein %	0.03

HEALTH TRAITS

Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis	Body Condition Score
103	108	101	107	100	94

CALVING TRAITS

Calf Survival	SCE	BW	DCE
106	101	99	108

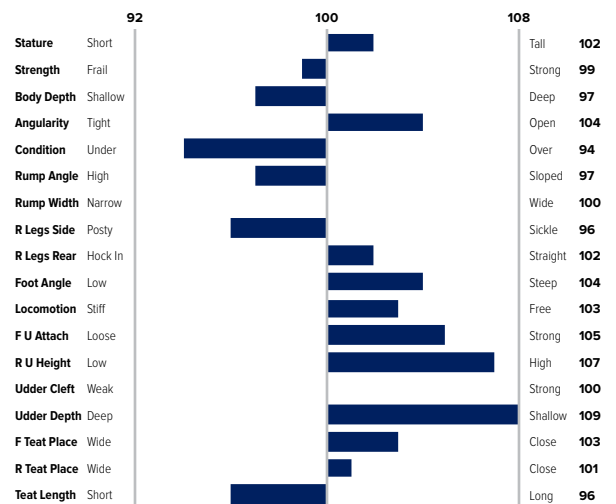
MILK ROBOT

Efficiency	Interval	Milking Speed
95	108	97

CONFORMATION

Conf Daughters: 1 • Herds: 1 • 80% Rel

TYPE	FLC	UDC	LOC
104	102	108	103



FEED EFFICIENCY

Feed Intake	2.85
Feed Saved	1.20

FERTILITY

Fertility Index	99
DSB	107

INDEXES

NVI	359
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Birth Index

Birth Index	109
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097HO42325 ELOY RC



Eloy

DELTA ELOY RF
Jacuzzi x Finder
HONLD000678449129

DOB: 12/29/18
aAa: 243165
97% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: Delta Jacuzzi
Dam: Delta Elleen

097HO42362 NOMINATOR



Nominator

DELTA NOMINATOR-RED
Jacuzzi x Finder
BELM000914488171

DOB: 4/3/19
aAa: 243615
97% RHA

Beta Casein: A1A2
Kappa Casein: AB

Sire: Delta Jacuzzi
Dam: Delta Nella

CRV EFFICIENCY 15%

Longevity	548
Feed Efficiency	107
CFP	139

CRV HEALTH 7%

Hoof Health	104
Udder Health	107
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1048	SCS	113
Fat kg	91	Fat %	0.47
Protein kg	48	Protein %	0.12

HEALTH TRAITS

Clinical Mastitis	105	Subclinical Mastitis	107
Temperament	101	Persistency	109
Ketosis	105	Body Condition Score	99

CALVING TRAITS

Calf Survival	103	SCE	98
BW	103	DCE	110

FEED EFFICIENCY

Feed Intake	2.45
Feed Saved	0.41

MILK ROBOT

Efficiency	96
Interval	102

FERTILITY

Fertility Index	103
DSB	103
Birth Index	105

INDEXES

NVI	321
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	108	FLC	107	UDC	107	LOC	108
Stature	Short	92		100		108	105
Strength	Frail						103
Body Depth	Shallow						100
Angularity	Tight						103
Condition	Under						99
Rump Angle	High						101
Rump Width	Narrow						102
R Legs Side	Posty						95
R Legs Rear	Hock In						108
Foot Angle	Low						106
Locomotion	Stiff						108
F U Attach	Loose						105
R U Height	Low						106
Udder Cleft	Weak						101
Udder Depth	Deep						107
F Teat Place	Wide						102
R Teat Place	Wide						99
Teat Length	Short						99

CRV EFFICIENCY 18%

Longevity	672
Feed Efficiency	108
CFP	168

CRV HEALTH 6%

Hoof Health	101
Udder Health	105
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	1695	SCS	109
Fat kg	104	Fat %	0.29
Protein kg	64	Protein %	0.03

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	107
Temperament	99	Persistency	106
Ketosis	104	Body Condition Score	99

CALVING TRAITS

Calf Survival	105	SCE	104
BW	98	DCE	103

FEED EFFICIENCY

Feed Intake	3.08
Feed Saved	0.46

MILK ROBOT

Efficiency	99
Interval	106

FERTILITY

Fertility Index	102
DSB	106
Birth Index	108

INDEXES

NVI	355
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	109	FLC	106	UDC	110	LOC	106
Stature	Short	92		100		108	105
Strength	Frail						102
Body Depth	Shallow						100
Angularity	Tight						103
Condition	Under						99
Rump Angle	High						100
Rump Width	Narrow						100
R Legs Side	Posty						98
R Legs Rear	Hock In						106
Foot Angle	Low						105
Locomotion	Stiff						106
F U Attach	Loose						106
R U Height	Low						107
Udder Cleft	Weak						98
Udder Depth	Deep						111
F Teat Place	Wide						98
R Teat Place	Wide						92
Teat Length	Short						102

097HO42394 LIMBIC



Limbic

CRV EFFICIENCY 13%

Longevity	733
Feed Efficiency	105
CFP	128

CRV HEALTH 7%

Hoof Health	105
Udder Health	109
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1319	Fat kg	60	Fat %	0.04
SCS	109	Protein kg	68	Protein %	0.22

HEALTH TRAITS

Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis	Body Condition Score
108	109	105	107	102	99

CALVING TRAITS

Calf Survival	SCE	BW	DCE
99	103	97	103

MILK ROBOT

Efficiency	Interval	Milking Speed
94	107	96

NEW

DELTA LIMBIC

Fisherman x Rush Hour
NLDM000632593923

DOB: 10/25/19

aAa: 513462

99% RHA

Beta Casein: A2A2

Kappa Casein: AA

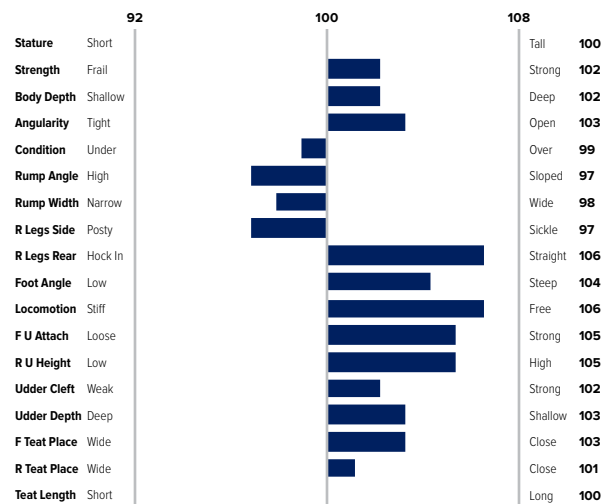
Sire: Delta Fisherman

Dam: Liesje 1323

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	FLC	UDC	LOC
106	106	105	106



FEED EFFICIENCY

Feed Intake	2.43
Feed Saved	0.10

FERTILITY

Fertility Index	102
DSB	106

INDEXES

NVI	343
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Birth Index	108
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097HO42396 **EVERTON**

NEW



Everton

DELTA EVERTON
 E Profit x Jorben
 NLDM000933631935
DOB: 11/7/19
aAa: 345216
97% RHA
Beta Casein: A2A2
Kappa Casein: BB
Sire: De Leenhorst E Profit
Dam: Delta Evelyn

CRV EFFICIENCY 11%

Longevity	597
Feed Efficiency	104
CFP	114

CRV HEALTH 8%

Hoof Health	104
Udder Health	106
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	659	SCS	105
Fat kg	62	Fat %	0.36
Protein kg	52	Protein %	0.31

HEALTH TRAITS

Clinical Mastitis	105	Subclinical Mastitis	106
Temperament	101	Persistency	109
Ketosis	113	Body Condition Score	103

CALVING TRAITS

Calf Survival	103	SCE	104
BW	97	DCE	106

FEED EFFICIENCY

Feed Intake	1.93
Feed Saved	0.16

MILK ROBOT

Efficiency	97
Interval	105

FERTILITY

Fertility Index	103
DSB	104
Birth Index	106

INDEXES

NVI	297
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	111	FLC	104	UDC	113	LOC	105
Stature	Short	92		100		108	104
Strength	Frail						104
Body Depth	Shallow						100
Angularity	Tight						101
Condition	Under						103
Rump Angle	High						104
Rump Width	Narrow						102
R Legs Side	Posty						95
R Legs Rear	Hock In						105
Foot Angle	Low						105
Locomotion	Stiff						105
F U Attach	Loose						113
R U Height	Low						110
Udder Cleft	Weak						108
Udder Depth	Deep						110
F Teat Place	Wide						109
R Teat Place	Wide						108
Teat Length	Short						101

097HO42383 **RIDGE**

NEW



Ridge

DELTA RIDGE
 Martin x Ranger
 NLDM000734971353
DOB: 10/25/19
aAa: 243156
99% RHA
Beta Casein: A2A2
Kappa Casein: BB
Sire: Midwolder Martin
Dam: Rietje 1

CRV EFFICIENCY 10%

Longevity	505
Feed Efficiency	104
CFP	105

CRV HEALTH 7%

Hoof Health	107
Udder Health	105
Fertility	104

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1198	SCS	109
Fat kg	60	Fat %	0.09
Protein kg	45	Protein %	0.03

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	106
Temperament	106	Persistency	111
Ketosis	106	Body Condition Score	102

CALVING TRAITS

Calf Survival	101	SCE	101
BW	98	DCE	108

FEED EFFICIENCY

Feed Intake	2.28
Feed Saved	-0.05

MILK ROBOT

Efficiency	99
Interval	106

FERTILITY

Fertility Index	104
DSB	104
Birth Index	107

INDEXES

NVI	294
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	110	FLC	108	UDC	108	LOC	108
Stature	Short	92		100		108	99
Strength	Frail						103
Body Depth	Shallow						102
Angularity	Tight						102
Condition	Under						102
Rump Angle	High						99
Rump Width	Narrow						101
R Legs Side	Posty						101
R Legs Rear	Hock In						105
Foot Angle	Low						102
Locomotion	Stiff						108
F U Attach	Loose						106
R U Height	Low						105
Udder Cleft	Weak						101
Udder Depth	Deep						106
F Teat Place	Wide						99
R Teat Place	Wide						95
Teat Length	Short						100

097HO42343 MIRACLE



Miracle

LOWLANDS MIRACLE
 Lunar x Finder
 NLDM000929950910
DOB: 8/25/19
aAa: 234165
98% RHA
Beta Casein: A1A2
Kappa Casein: BB
Sire: Delta Lunar
Dam: Magic 2

CRV EFFICIENCY 14%

Longevity	523
Feed Efficiency	107
CFP	151

CRV HEALTH 6%

Hoof Health	101
Udder Health	103
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1563	SCS	112
Fat kg	81	Fat %	0.14
Protein kg	70	Protein %	0.15

HEALTH TRAITS

Clinical Mastitis	102	Subclinical Mastitis	104
Temperament	104	Persistency	112
Ketosis	109	Body Condition Score	102

CALVING TRAITS

Calf Survival	100	SCE	106
BW	95	DCE	109

FEED EFFICIENCY

Feed Intake	2.82
Feed Saved	0.21

MILK ROBOT

Efficiency	95
Interval	103

FERTILITY

Fertility Index	102
DSB	105
Birth Index	106

INDEXES

NVI	296
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	107	FLC	102	UDC	107	LOC	103
Stature	Short	92	100	108	Tall	106	
Strength	Frail				Strong	105	
Body Depth	Shallow				Deep	103	
Angularity	Tight				Open	104	
Condition	Under				Over	102	
Rump Angle	High				Sloped	105	
Rump Width	Narrow				Wide	105	
R Legs Side	Posty				Sickle	95	
R Legs Rear	Hock In				Straight	102	
Foot Angle	Low				Steep	106	
Locomotion	Stiff				Free	103	
F U Attach	Loose				Strong	109	
R U Height	Low				High	106	
Udder Cleft	Weak				Strong	102	
Udder Depth	Deep				Shallow	105	
F Teat Place	Wide				Close	107	
R Teat Place	Wide				Close	104	
Teat Length	Short				Long	103	

097HO42355 FRAGRANT



Fragrant

BUSH-BROS FRAGRANT-ET
 AltaCabot x Frazzled x
 Magoo
 HO840003205149655
DOB: 12/5/19
aAa: 432156
99% RHA
Beta Casein: A1A2
Kappa Casein: AE
Sire: Bomaz AltaCabot-ET
Dam: HO840003141559101

CRV EFFICIENCY 16%

Longevity	616
Feed Efficiency	108
CFP	148

CRV HEALTH 7%

Hoof Health	103
Udder Health	107
Fertility	104

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 68% Rel

Milk kg	1040	SCS	113
Fat kg	93	Fat %	0.49
Protein kg	55	Protein %	0.19

HEALTH TRAITS

Clinical Mastitis	105	Subclinical Mastitis	107
Temperament	104	Persistency	105
Ketosis	106	Body Condition Score	100

CALVING TRAITS

Calf Survival	100	SCE	104
BW	98	DCE	108

FEED EFFICIENCY

Feed Intake	2.33
Feed Saved	0.60

MILK ROBOT

Efficiency	94
Interval	102

FERTILITY

Fertility Index	104
DSB	106
Birth Index	108

INDEXES

NVI	337
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 69% Rel

TYPE	106	FLC	102	UDC	110	LOC	103
Stature	Short	92	100	108	Tall	101	
Strength	Frail				Strong	104	
Body Depth	Shallow				Deep	101	
Angularity	Tight				Open	105	
Condition	Under				Over	100	
Rump Angle	High				Sloped	95	
Rump Width	Narrow				Wide	99	
R Legs Side	Posty				Sickle	99	
R Legs Rear	Hock In				Straight	100	
Foot Angle	Low				Steep	100	
Locomotion	Stiff				Free	103	
F U Attach	Loose				Strong	110	
R U Height	Low				High	107	
Udder Cleft	Weak				Strong	106	
Udder Depth	Deep				Shallow	108	
F Teat Place	Wide				Close	104	
R Teat Place	Wide				Close	106	
Teat Length	Short				Long	100	

097HO42350 **FOND PP** **POLLED**



Fond

DELTA FOND PP-RED
Mingo P x Laurent
NLDM000623636125
DOB: 3/4/19
aAa: 324156
96% RHA
Beta Casein: A2A2
Kappa Casein: AB
Sire: Delta Mingo P
Dam: Jimke P

CRV EFFICIENCY 6%

Longevity	215
Feed Efficiency	101
CFP	91

CRV HEALTH 6%

Hoof Health	102
Udder Health	104
Fertility	109

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	209	SCS	107
Fat kg	56	Fat %	0.55
Protein kg	35	Protein %	0.33

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	104
Temperament	103	Persistency	102
Ketosis	107	Body Condition Score	105

CALVING TRAITS

Calf Survival	104	SCE	104
BW	98	DCE	103

FEED EFFICIENCY

Feed Intake	1.86
Feed Saved	-0.31

MILK ROBOT

Efficiency	98
Interval	105

INDEXES

NVI	225
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FERTILITY

Fertility Index	109
DSB	102
Birth Index	102

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	106	FLC	104	UDC	105	LOC	104
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Stature	Short	92	100	108	Tall	100
Strength	Frail				Strong	104
Body Depth	Shallow				Deep	102
Angularity	Tight				Open	101
Condition	Under				Over	105
Rump Angle	High				Sloped	100
Rump Width	Narrow				Wide	100
R Legs Side	Posty				Sickle	98
R Legs Rear	Hock In				Straight	106
Foot Angle	Low				Steep	103
Locomotion	Stiff				Free	104
F U Attach	Loose				Strong	107
R U Height	Low				High	101
Udder Cleft	Weak				Strong	96
Udder Depth	Deep				Shallow	106
F Teat Place	Wide				Close	95
R Teat Place	Wide				Close	94
Teat Length	Short				Long	105

097HO42274 **NIPPON P** **POLLED**



Nippon P

DELTA NIPPON P
Hotspot P x Bernell
HONLD000916132992
DOB: 2/5/19
aAa: 234165
99% RHA
Beta Casein: A2A2
Kappa Casein: BB
Sire: Hotspot P
Dam: Delta Nadine

CRV EFFICIENCY 12%

Longevity	460
Feed Efficiency	105
CFP	120

CRV HEALTH 9%

Hoof Health	105
Udder Health	104
Fertility	110

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	965	SCS	109
Fat kg	54	Fat %	0.13
Protein kg	66	Protein %	0.33

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	105
Temperament	102	Persistency	106
Ketosis	105	Body Condition Score	101

CALVING TRAITS

Calf Survival	101	SCE	106
BW	94	DCE	108

FEED EFFICIENCY

Feed Intake	1.95
Feed Saved	0.19

MILK ROBOT

Efficiency	100
Interval	106

INDEXES

NVI	343
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FERTILITY

Fertility Index	110
DSB	104
Birth Index	108

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	110	FLC	103	UDC	114	LOC	104
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Stature	Short	92	100	108	Tall	101
Strength	Frail				Strong	104
Body Depth	Shallow				Deep	96
Angularity	Tight				Open	103
Condition	Under				Over	101
Rump Angle	High				Sloped	103
Rump Width	Narrow				Wide	102
R Legs Side	Posty				Sickle	97
R Legs Rear	Hock In				Straight	103
Foot Angle	Low				Steep	100
Locomotion	Stiff				Free	104
F U Attach	Loose				Strong	114
R U Height	Low				High	106
Udder Cleft	Weak				Strong	98
Udder Depth	Deep				Shallow	118
F Teat Place	Wide				Close	105
R Teat Place	Wide				Close	100
Teat Length	Short				Long	97

097HO42320 **SHAPE PP** **POLLED**



Shape

DELTA SHAPE PP
Hotspot P x Finder
NLDM000605027433

DOB: 6/30/19
aAa: 324156
99% RHA

Beta Casein: A1A1
Kappa Casein: BE

Sire: Wilder Hotspot P
Dam: Delta Shine P

097HO42319 **WARMOND P RC** **POLLED**



Warmond P

DELTA WARMOND P RF
Mingo P x Handy P
HONLD000758205788

DOB: 6/5/19
aAa: 234156
96% RHA

Beta Casein: A2A2
Kappa Casein: AA

Sire: Delta Mingo P
Dam: Delta Warber

CRV EFFICIENCY 14%

Longevity	432
Feed Efficiency	108
CFP	133

CRV HEALTH 6%

Hoof Health	104
Udder Health	103
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	1093	SCS	107
Fat kg	82	Fat %	0.36
Protein kg	51	Protein %	0.13

HEALTH TRAITS

Clinical Mastitis	102	Subclinical Mastitis	104
Temperament	102	Persistency	112
Ketosis	106	Body Condition Score	92

CALVING TRAITS

Calf Survival	99	SCE	104
BW	98	DCE	106

FEED EFFICIENCY

Feed Intake	2.04
Feed Saved	0.62

MILK ROBOT

Efficiency	101
Interval	100

FERTILITY

Fertility Index	103
DSB	106
Birth Index	109

INDEXES

NVI	279
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 71% Rel

TYPE	103	FLC	102	UDC	106	LOC	102
Stature	Short	92		100		108	Tall 104
Strength	Frail						Strong 100
Body Depth	Shallow						Deep 102
Angularity	Tight						Open 107
Condition	Under						Over 92
Rump Angle	High						Sloped 93
Rump Width	Narrow						Wide 102
R Legs Side	Posty						Sickle 104
R Legs Rear	Hock In						Straight 103
Foot Angle	Low						Steep 97
Locomotion	Stiff						Free 102
F U Attach	Loose						Strong 102
R U Height	Low						High 105
Udder Cleft	Weak						Strong 105
Udder Depth	Deep						Shallow 106
F Teat Place	Wide						Close 105
R Teat Place	Wide						Close 104
Teat Length	Short						Long 100

CRV EFFICIENCY 13%

Longevity	224
Feed Efficiency	108
CFP	123

CRV HEALTH 4%

Hoof Health	104
Udder Health	101
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1385	SCS	104
Fat kg	59	Fat %	0.00
Protein kg	64	Protein %	0.15

HEALTH TRAITS

Clinical Mastitis	101	Subclinical Mastitis	101
Temperament	99	Persistency	109
Ketosis	102	Body Condition Score	97

CALVING TRAITS

Calf Survival	101	SCE	103
BW	96	DCE	100

FEED EFFICIENCY

Feed Intake	1.78
Feed Saved	0.69

MILK ROBOT

Efficiency	104
Interval	106

FERTILITY

Fertility Index	105
DSB	99
Birth Index	100

INDEXES

NVI	255
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 70% Rel

TYPE	102	FLC	105	UDC	100	LOC	105
Stature	Short	92		100		108	Tall 100
Strength	Frail						Strong 99
Body Depth	Shallow						Deep 100
Angularity	Tight						Open 101
Condition	Under						Over 97
Rump Angle	High						Sloped 101
Rump Width	Narrow						Wide 99
R Legs Side	Posty						Sickle 99
R Legs Rear	Hock In						Straight 105
Foot Angle	Low						Steep 99
Locomotion	Stiff						Free 105
F U Attach	Loose						Strong 100
R U Height	Low						High 103
Udder Cleft	Weak						Strong 101
Udder Depth	Deep						Shallow 100
F Teat Place	Wide						Close 106
R Teat Place	Wide						Close 105
Teat Length	Short						Long 94

097HO42220 BLESSING



Blessing

LOWLANDS BLESSING
Jethro x Final
HONLD000598753212

DOB: 11/18/18
aAa: 423561
92% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: De Biesheuvell Jethro
Dam: Bles 292

097HO42175 WOODY



Woody

WILLEM'S-HOEVE WOODY
Ranger x Jetset
HONLD000965020507

DOB: 7/27/18
aAa: 321456
99% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: Double W Ranger
Dam: Willem's Hoeve Rita 1626A

CRV EFFICIENCY 12%

Longevity	522
Feed Efficiency	105
CFP	103

CRV HEALTH 8%

Hoof Health	107
Udder Health	105
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	824	SCS	108
Fat kg	51	Fat %	0.17
Protein kg	52	Protein %	0.24

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	106
Temperament	102	Persistency	108
Ketosis	111	Body Condition Score	104

CALVING TRAITS

Calf Survival	94	SCE	109
BW	91	DCE	103

FEED EFFICIENCY

Feed Intake	1.61
Feed Saved	0.39

MILK ROBOT

Efficiency	93
Interval	105

FERTILITY

Fertility Index	103
DSB	103
Birth Index	106

INDEXES

NVI	287
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 72% Rel

TYPE	106	FLC	107	UDC	105	LOC	107
Stature	Short	92		100		108	98
Strength	Frail						102
Body Depth	Shallow						100
Angularity	Tight						100
Condition	Under						104
Rump Angle	High						98
Rump Width	Narrow						95
R Legs Side	Posty						97
R Legs Rear	Hock In						107
Foot Angle	Low						103
Locomotion	Stiff						107
F U Attach	Loose						104
R U Height	Low						104
Udder Cleft	Weak						105
Udder Depth	Deep						104
F Teat Place	Wide						104
R Teat Place	Wide						105
Teat Length	Short						104

CRV EFFICIENCY 12%

Longevity	473
Feed Efficiency	105
CFP	162

CRV HEALTH 4%

Hoof Health	105
Udder Health	105
Fertility	99

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	1923	SCS	113
Fat kg	91	Fat %	0.09
Protein kg	71	Protein %	0.04

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	106
Temperament	105	Persistency	106
Ketosis	101	Body Condition Score	100

CALVING TRAITS

Calf Survival	99	SCE	102
BW	98	DCE	104

FEED EFFICIENCY

Feed Intake	3.68
Feed Saved	-0.16

MILK ROBOT

Efficiency	99
Interval	104

FERTILITY

Fertility Index	99
DSB	101
Birth Index	103

INDEXES

NVI	311
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 72% Rel

TYPE	110	FLC	105	UDC	109	LOC	105
Stature	Short	92		100		108	107
Strength	Frail						104
Body Depth	Shallow						110
Angularity	Tight						109
Condition	Under						100
Rump Angle	High						103
Rump Width	Narrow						103
R Legs Side	Posty						100
R Legs Rear	Hock In						104
Foot Angle	Low						103
Locomotion	Stiff						105
F U Attach	Loose						108
R U Height	Low						109
Udder Cleft	Weak						100
Udder Depth	Deep						106
F Teat Place	Wide						104
R Teat Place	Wide						98
Teat Length	Short						99

097HO41725 **HANDY P**

POLLED



DE VRENDT HANDY P
 Brekem x Packman x
 Lawn Boy
 HONLD000751116034
DOB: 9/10/15
aAa: 342516
98% RHA
Beta Casein: A1A2
Kappa Casein: AB
Sire: Swissbec Brekem
Dam: De Vrendt Janine 20 P RC
Pro: 2-02 2X 305 20,552M 4.3
 889F 3.6 746P

Weelder Esmonique 38 VG-85, Dam

097HO42254 **PADDOCK PP** **POLLED**



DELTA PADDOCK PP
 Sunfit P x Laurent
 HONLD000632593598
DOB: 1/5/19
aAa: 324156
96% RHA
Beta Casein: A1A2
Kappa Casein: AB
Sire: Delta Sunfit P
Dam: Vandenberg Delta Pipa

Paddock Pp

CRV EFFICIENCY 10%

Longevity	175
Feed Efficiency	106
CFP	76

CRV HEALTH 5%

Hoof Health	99
Udder Health	105
Fertility	105

PREMIUM MILK

Pro Daughters: 533 • Herds: 313 • 93% Rel

Milk kg	896	SCS	105
Fat kg	38	Fat %	0.00
Protein kg	38	Protein %	0.07

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	105
Temperament	106	Persistency	106
Ketosis	100	Body Condition Score	99

CALVING TRAITS

Calf Survival	106	SCE	104
BW	95	DCE	104

FEED EFFICIENCY

Feed Intake	0.98
Feed Saved	0.58

MILK ROBOT

Efficiency	98
Interval	108

FERTILITY

Fertility Index	105
DSB	106
Birth Index	106

INDEXES

NVI	183
-----	------------

CONFORMATION

Conf Daughters: 247 • Herds: 150 • 96% Rel

TYPE	100	FLC	99	UDC	101	LOC	99
Stature	Short	92		100		108	97
Strength	Frail						102
Body Depth	Shallow						98
Angularity	Tight						104
Condition	Under						99
Rump Angle	High						99
Rump Width	Narrow						99
R Legs Side	Posty						98
R Legs Rear	Hock In						98
Foot Angle	Low						102
Locomotion	Stiff						101
F U Attach	Loose						101
R U Height	Low						104
Udder Cleft	Weak						97
Udder Depth	Deep						99
F Teat Place	Wide						96
R Teat Place	Wide						95
Teat Length	Short						106

CRV EFFICIENCY 11%

Longevity	550
Feed Efficiency	105
CFP	89

CRV HEALTH 7%

Hoof Health	107
Udder Health	104
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	796	SCS	111
Fat kg	54	Fat %	0.21
Protein kg	35	Protein %	0.08

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	105
Temperament	101	Persistency	109
Ketosis	108	Body Condition Score	98

CALVING TRAITS

Calf Survival	102	SCE	103
BW	96	DCE	107

FEED EFFICIENCY

Feed Intake	1.51
Feed Saved	0.26

MILK ROBOT

Efficiency	95
Interval	103

FERTILITY

Fertility Index	105
DSB	103
Birth Index	105

INDEXES

NVI	267
-----	------------

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 71% Rel

TYPE	106	FLC	108	UDC	103	LOC	108
Stature	Short	92		100		108	100
Strength	Frail						100
Body Depth	Shallow						99
Angularity	Tight						100
Condition	Under						98
Rump Angle	High						99
Rump Width	Narrow						101
R Legs Side	Posty						98
R Legs Rear	Hock In						108
Foot Angle	Low						101
Locomotion	Stiff						108
F U Attach	Loose						102
R U Height	Low						102
Udder Cleft	Weak						101
Udder Depth	Deep						104
F Teat Place	Wide						101
R Teat Place	Wide						101
Teat Length	Short						97

097HO42215 PODCAST



Podcast

DELTA PODCAST

Simba x Laurent
HOBEL000214053521

Sire: Simba
Dam: Julushoeve Delta Pauletta

DOB: 11/29/2018
aAa: 234615
96% RHA
Beta Casein: A2A2
Kappa Casein: AA

CRV HEALTH 8%

Hoof Health	107	Udder Health	105
Fertility	103		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	893	SCS	109
Fat kg	66	Fat %	0.29
Protein kg	50	Protein %	0.19

INDEXES

NVI	296
-----	-----

MILK ROBOT

Efficiency	94
Interval	103

FEED EFFICIENCY

Feed Intake	2.23
Feed Saved	0.07

CRV EFFICIENCY 12%

Longevity	639	Feed Efficiency	104
CFP	116		

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	105
Temperament	103	Persistence	112
Ketosis	104	Body Condition Score	98

CALVING TRAITS

Calf Survival	104	SCE	100
BW	99	DCE	114

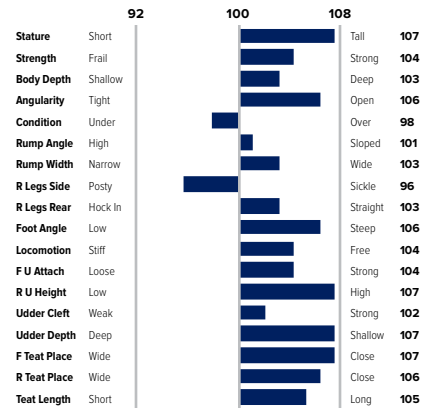
FERTILITY

Fertility Index	103
DSB	108
Birth Index	108

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 71% Rel

TYPE	107	FLC	104
UDC	106	LOC	104



097HO41947 VINEYARD



Vineyard

DELTA VINEYARD

Magister x Hero
HONLDO000577509733

Sire: Delta Magister
Dam: Delta Jazz

DOB: 5/22/2017
aAa: 165234
96% RHA
Beta Casein: A2A2
Kappa Casein: BB

CRV HEALTH 4%

Hoof Health	103	Udder Health	104
Fertility	102		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	1358	SCS	107
Fat kg	27	Fat %	-0.30
Protein kg	47	Protein %	0.00

INDEXES

NVI	203
-----	-----

MILK ROBOT

Efficiency	100
Interval	105

FEED EFFICIENCY

Feed Intake	1.96
Feed Saved	-0.40

CRV EFFICIENCY 7%

Longevity	397	Feed Efficiency	102
CFP	74		

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	104
Temperament	105	Persistence	107
Ketosis	98	Body Condition Score	101

CALVING TRAITS

Calf Survival	93	SCE	104
BW	96	DCE	107

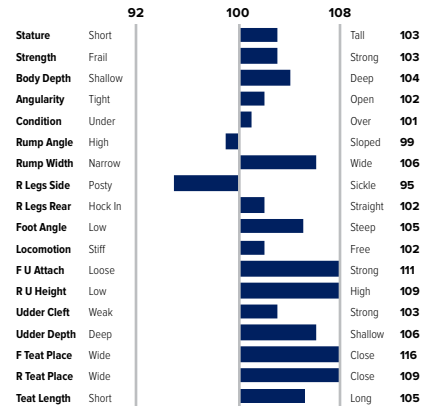
FERTILITY

Fertility Index	102
DSB	104
Birth Index	106

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 73% Rel

TYPE	107	FLC	101
UDC	109	LOC	102



097HO42179 WIRDUM



Wirdum

DELTA WIRDUM

Ranger x Jorben
HONLDO000664898766

Sire: Double W Ranger
Dam: Delta Wolda

DOB: 6/12/2018
aAa: 354216
98% RHA
Beta Casein: A2A2
Kappa Casein: BB

CRV HEALTH 5%

Hoof Health	104	Udder Health	107
Fertility	103		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	879	SCS	109
Fat kg	40	Fat %	0.03
Protein kg	52	Protein %	0.22

INDEXES

NVI	267
-----	-----

MILK ROBOT

Efficiency	99
Interval	104

FEED EFFICIENCY

Feed Intake	1.92
Feed Saved	-0.17

CRV EFFICIENCY 8%

Longevity	453	Feed Efficiency	102
CFP	92		

HEALTH TRAITS

Clinical Mastitis	106	Subclinical Mastitis	107
Temperament	99	Persistence	110
Ketosis	106	Body Condition Score	102

CALVING TRAITS

Calf Survival	94	SCE	103
BW	96	DCE	99

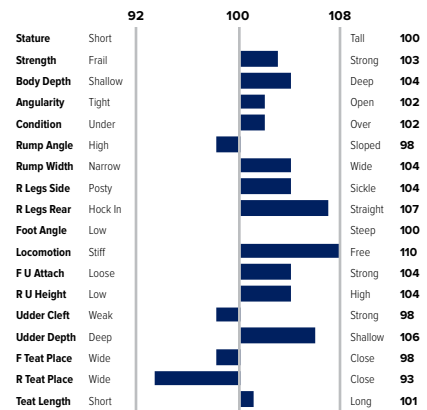
FERTILITY

Fertility Index	103
DSB	101
Birth Index	102

CONFORMATION

Conf Daughters: 0 • Herds: 0 • 72% Rel

TYPE	110	FLC	109
UDC	106	LOC	110





CRV ERS SIRE

ELITE TPI AND NM\$



UPSWING

ERS

Peak **Upswing**

Pursuit x Duke x Rubicon

NM\$ BULL **+817**

GTPI **+2993**

FAT **0.23%**

CFP **+159**

A2A2



JUMANJI

ERS

Ronjanci **Jumanji**

Crimson x Achiever x Josuper

NM\$ BULL **+844**

GTPI **+2876**

FAT **0.29%**

CFP **+153**

A2A2



BETTER COWS > BETTER LIFE

CRV ERS sires are only available with a signed Genetic Partnership agreement. To use the best and brightest sires today please contact your local representative for details and a copy of the contract.

Holstein Trait Explanations

CRV herdbuilder traits

In addition to the traditional U.S. traits we've all seen for years, CRV brings you more than 20 additional proprietary traits—and we call them our HerdBuilder Traits. These include traits such as premium milk components, CRV Health and CRV Efficiency indexes. Look for the HerdBuilder Traits throughout this directory—and in the blue text on this page.



PREMIUM MILK

- Milk** – Milk represents the pounds of milk above or below breed average.
- Fat** – Fat represents the pounds of fat above or below breed average.
- Fat %** – Fat Percent indicates the percentage of fat in milk.
- CFP** – Combined pounds of fat and protein above or below breed average.
- Protein** – Protein represents the pounds of protein above or below breed average.
- Protein %** – Protein Percent indicates the percentage of protein in milk.
- Somatic cell score** – Somatic Cell Score (SCS) is used as an indicator for udder health. A lower SCS indicates bulls more likely to have daughters with less mastitis than bulls with higher SCS.



HEALTH

- CRV HEALTH** – CRV Health indicates the extent to which a bull helps to breed a healthier herd. A high score means that a bull's progeny will have reduced rates of mastitis and lameness, will calve easier, and breed back sooner.
- Udder health** – Udder health is an index calculated through mastitis and subclinical mastitis cases, in combination with routinely collected SCC expressions.
- Clinical mastitis** – Direct breeding value for mastitis. Breeding value of 104 on a bull leads to daughters experiencing 4.0% lifetime lower incidence of mastitis.
- Subclinical mastitis** – Direct breeding value for subclinical mastitis. A breeding value of 104 on a bull leads to daughters experiencing 6.8% lifetime lower incidence of subclinical mastitis.
- Productive life** – The length of Productive Life (PL) is correlated with production and type scores. PL is expressed in number of months of additional milking time of daughters.
- Livability** – Livability is the measure of a bull's daughter's ability to leave the farm alive. Livability is different from PL because PL measures the length of time a cow is in the herd before death OR culling.
- Early first calving (efc)** – defined in days, efc it is simply age at first calving with the sign reversed (+ vs. -). If a bull transmits the genetics expected to reduce first calving by 2 days, his pta for early first calving would be +2.0 Days. Heritability for efc is 2.3% With reliabilities of 66% for holsteins and 51% for jersey.

Longevity – high longevity means less culling, lower rearing costs and above all higher lifetime yields. The average score for longevity is 0 and is expressed in days.

Calf survival – measure of survival from day 3-365 of life. A higher breeding value indicates a higher chance of surviving their first year of life.

Hoof health – hoof health is a measure of the frequency of hoof issues that an animal will experience, using 12 hoof traits and 6 hoof disorders to calculate. The higher the score, the less hoof issues a cow will have.

Ketosis – ketosis is one of the most common diseases in the early stages of lactation. A higher breeding value indicates a lower incidence of ketosis in offFall.



EFFICIENCY

CRV EFFICIENCY – CRV efficiency indicates the extent to which a bull contributes to a more efficient herd. Improved milk and component production relative to feed intake, while accounting for longevity, body condition, and calving interval.

Feed intake – feed intake measures the amount of feed consumed daily, above or below population average and is expressed in kilograms (1 kg=2.2 Lbs) dry matter intake. At the same pta for milk production, the bull with a lower breeding value for feed intake will provide daughters who produce milk more efficiently.

Feed Efficiency – measures the conversion of feed intake into milk. Animals with a higher feed efficiency will convert more milk from the same amount of feed as the average cow.

US Feed Saved – the FSAV PTA represents the expected pounds of feed saved per lactation based on the body weight composite (BWC) and residual feed intake (RFI) evaluations. Larger, positive values are more favorable.

Mun – measure of crude protein digestion efficiency and nitrate excretion. By reducing mun in milk, animal health and efficiency increases.

Temperament – measure of character. A higher score means a more quiet animal.

Persistency – measure of the animal's ability to produce at a flat lactation curve, maintaining milk production at high level after peak. Higher score means better persistency.

Milking speed – determined by dairy farmers and milking robots. Breeding value of 104 means daughters of this bull milk on 1.1Lbs per minute faster than average.

Maturity rate – measure of age at which peak production is reached. Important for lifetime production. Higher values indicate later maturity.

Bcs – Measure of condition throughout lactation. Higher score indicates higher body condition score throughout lactation.

MILK ROBOT

Robot efficiency – Robot Efficiency measures kilograms of milk per minute. Daughters of bulls with a high robot efficiency produce more milk per minute of robot occupancy.

Milking interval – Milking Interval is the time between two successful visits to the robot. A breeding value higher than 100 results in a shorter milking interval.

Holstein Trait Explanations

FERTILITY

Daughter pregnancy rate – daughter pregnancy rate (dpr) is the percentage of non-pregnant cows that become pregnant during each 21-day period. A dpr of 1 indicates daughters are 1% more likely to become pregnant during that estrus cycle than bulls with a dpr of 0.

HCR – heifer conception rate (hcr) is the percentage of the number of heifers that conceive divided by the number bred at the time of pregnancy check.

CCR – cow conception rate (ccr) is the percentage of the number of cows that conceive divided by the number bred at the time of pregnancy check.

SCR – sire conception rate (scr) is the official measure of a bull's conception rate collected by the cdcB from dhia tested herds.

Fertility index – fertility index is made up of non-return rate, interval between first and last insemination, and calving interval and 34 other fertility indicators. A higher score indicates a more fertile cow.

Sire calving ease – sire calving ease (sce) is expressed as the percentage of estimated difficult births. Lower numbers result in less stress and difficulty.

Daughter calving ease – daughter calving ease (sce) is expressed as the percentage of estimated difficult calvings. Lower numbers result in less stress and difficulty.

Sire stillbirth – sire stillbirth (ssb) indicates the genetic merit for stillborn calves. A higher value indicates a higher change of stillborn offFall: dead at birth or died within 48 hours of birth.

Daughter stillbirth – daughter stillbirth (ssb) indicates the genetic merit for giving birth to stillborn calves. A higher value indicates a higher change of a stillborn offFall: dead at birth or died within 48 hours of birth.

Gestation length – measure of length of gestation. Can affect calving traits, age at first calving, days open and other traits. Expressed in days deviating from the average length of gestation.

INDEXES

Net merit – net merit (nm\$) measures the additional net profit that a daughter will provide over her lifetime. Net merit is calculated by weighting the following traits: protein, fat, milk, pl, livability, somatic cell score, udder, feet and legs, body weight, daughter pregnancy rate, calving ease and stillbirth.

Cheese merit – cheese merit (cm\$) measures the additional profit for dairies that may be selling to cheese markets. Includes same traits as nm\$.

Grazing merit – grazing merit is another version of nm\$ designed for grazing dairies that places more emphasis on traits important to grass based operations like daughter fertility and body size.

Fluid merit – fluid merit measures the genetic merit of a bull for farms who ship to a fluid milk market. Contains the same traits as nm\$ with more emphasis on fluid production.

GTPI – the genomic total performance index (gtpi) includes protein, fat, feed efficiency, type, dairy form, udder composite, feet and leg composite, productive life, somatic cell score, fertility index, daughter calving ease, and daughter stillbirth.

NVI – nvi stands for the netherlands-flanders index that improves production and longevity and produce more fertile and healthier cows. There are four major parts that create nvi: production, feed efficiency, health, and conformation which include fat, protein, lactose, longevity, udder health, hoof health, feet and legs, calving interval, interval from first to last insemination, calving ease and stillbirth.

CONFORMATION

PTAT – predicted transmitting ability type (ptat) refers to the genetic merit of total conformation that a bull transmits to his offFall of an animal. Calculated by holstein usa.

Udder composite – udder composite (udc) is composed of several udder traits. Traits are weighted based on their effect on longevity.

Feet & leg composite – feet and leg composite (flc) is a composite index made up of several feet and legs traits and weighted as associated with longevity and productivity.

Body weight – body weight is a composite index developed by both holstein usa and the american jersey cattle association to predict mature body weight of animals. It is a component included in tpi and jpi to allow for selection of a more moderate-sized and efficient animal.

Locomotion – measure of how freely the cow moves. Scored by trained classifiers. Higher score means cow moves easier.

CDCB HEALTH TRAITS

Metritis – percentage points of metritis (infection of endometrium, or lining of uterus, after calving) resistance above or below the breed average.

Retained placenta – percentage points of retained placenta (retention of fetal membranes more than 24 hours after calving) resistance above or below the breed average.

Displaced abomasum (da) – percentage points of displaced abomasum (enlargement of the abomasum with fluid and/or gas causes movement to the left or right of the abdominal cavity and usually requires veterinary intervention) resistance above or below the breed average.

Hypocalcemia or milk fever – percentage points of hypocalcemia (typically results after calving due to low total blood calcium levels) resistance above or below the breed average.

ADDITIONAL INFORMATION

GFI – genomic future inbreeding (gfi) is an estimation of future progeny genomic inbreeding assuming an animal is randomly mated to genomically tested animals within its breed.

Beta casein – genotype for beta casein determines whether an animal produces a2a2, a1a2, or a1a1 milk. A2a2 is desired because of the possible association with greater digestibility for individuals who are intolerant to dairy products.

Kappa casein – kappa casein is a key protein in cheese making. The bb genotype is favorable for protein and cheese making ability.

PROVEN Bulls with at least 10 milking daughters contributing to the breeding evaluation

POLLED Bulls that promote the polled gene.

NEW

Bulls that have been added to the CRV lineup in the current sire evaluation cycle.

Holstein Trait Leaders

PREMIUM MILK

MILK	FAT	US FAT %	PROTEIN	US PROTEIN %	
MARTINI	2308	PINE 120	0.36	BANNER 68	ENGINEER 0.11
SHAWARMA	2043	EAGLE 113	0.32	SHAWARMA 67	PINE 0.11
BANNER	1954	BANNER 105	0.25	MARTINI 67	GOKU 0.10
EAGLE	1889	SPARKPLUG 105	0.24	GOGETA 58	OFFSIDE 0.10
ESCAPADE	1768	MAINLINE 103	0.23	ESCAPADE 58	MORANT 0.09
LIGERO	1445	HONEYCOMB 99	0.22	GOKU 57	LILLARD 0.09
SPARKPLUG	1431	ENGINEER 99	0.21	LANGLEY 57	MATOS 0.08
MATCHUP	1393	GOGETA 98	0.21	SPARKPLUG 56	SHERO 0.08
GOGETA	1370	FERRY 98	0.20	MORANT 54	LANGLEY 0.07
MAXIMO	1367	BULLRUSH 96	0.20	ENGINEER 53	HOTLINE 0.07

CFP	DUTCH FAT %	DUTCH PROTEIN %	SCS	PERSISTANCY	
BANNER	173	XANDER 0.61	0.33	COUNCIL 2.54	HONEYCOMB 112
PINE	165	FOND PP 0.55	0.33	MARTINI 2.58	MIRACLE 112
EAGLE	164	LAUNCH PP 0.53	0.31	SHAWARMA 2.61	PODCAST 112
SPARKPLUG	161	FRAGRANT 0.49	0.27	PINE 2.68	SHAPE PP 112
GOGETA	156	ELOY RC 0.47	0.24	GOKU 2.68	MATOS 111
ENGINEER	152	JACUZZI RED 0.39	0.22	FLIGHTPLAN 2.68	WIRDUM 110
GOKU	151	EVERTON 0.36	0.22	ENGINEER 2.69	ELOY RC 109
LANGLEY	151	SHAPE PP 0.36	0.21	HONEYCOMB 2.69	LILLARD 109
FERRY	149	NOMINATOR 0.29	0.19	HALFTIME 2.71	PADDOCK PP 109
ESCAPADE	149	PODCAST 0.29	0.19	FERRY 2.72	WARMOND P RC 109

HEALTH

CRV HEALTH	UDDER HEALTH	CLINICAL MASTITIS	SUBCLINICAL MASTITIS	HOOF HEALTH
FOND PP 6	LIMBIC 109	LIMBIC 108	LIMBIC 109	LAUNCH PP 108
NIPPON P 9	ELOY RC 107	WIRDUM 106	JACUZZI RED 106	PODCAST 107
EVERTON 8	WIRDUM 107	ELOY RC 105	WIRDUM 105	PADDOCK PP 107
LAUNCH PP 6	FRAGRANT 107	FRAGRANT 105	ELOY RC 105	BLESSING 107
BLESSING 8	EVERTON 106	EVERTON 105	FRAGRANT 105	RIDGE 107
LIMBIC 7	JACUZZI RED 106	GOKU 104	NOMINATOR 104	XANDER 107
WIRDUM 5	GOKU 106	PODCAST 104	EVERTON 104	LIMBIC 105
XANDER 6	PODCAST 105	BLESSING 104	BLESSING 104	WOODY 105
FRAGRANT 7	BLESSING 105	RIDGE 104	RIDGE 104	NIPPON P 105
PODCAST 8	RIDGE 105	WOODY 104	WOODY 104	SHERO 105

LONGEVITY	PRODUCTIVE LIFE	LIVABILITY	HEIFER LIVABILITY	KETOSIS
LIMBIC 733	FLIGHTPLAN 7.4	SHERO 4.7	AMPLUS 1.8	EVERTON 113
NOMINATOR 672	GROOT 6.6	FLIGHTPLAN 4.6	FERRY 1.6	BLESSING 111
LAUNCH PP 646	VENITO 6.6	OFFSIDE 4.3	GROOT 1.6	MIRACLE 109
PODCAST 639	HONEYCOMB 6.5	LUKAKU 3.5	MARTINI 1.4	PADDOCK PP 108
FRAGRANT 616	ENGINEER 6.4	ALLOY 3.4	MATCHUP 1.3	LAUNCH PP 108
GROOT 615	OFFSIDE 6.4	MATCHUP 3.3	OFFSIDE 1.2	VENITO 108
LILLARD 610	GOKU 6.0	HONEYCOMB 3.2	MAINLINE 1.2	FOND PP 107
JACUZZI RED 602	SHERO 5.9	VENITO 3.1	BANNER 1.2	GROOT 107
EVERTON 597	COUNCIL 5.8	CAMDEN 2.8	ALLOY 1.2	MAINLINE 107
PADDOCK PP 550	MARTINI 5.8	COUNCIL 2.6	FUMAGALLI 1.2	WIRDUM 106

Holstein Trait Leaders

EFFICIENCY

CRV Efficiency		Feed Efficiency		MUN		FEED INTAKE	
JACUZZI RED	23	EAGLE	270	MARTINI	-0.3	SHAWARMA	3.90
ALLOY	20	PINE	270	LIGERO	-0.2	WOODY	3.68
NOMINATOR	18	BANNER	256	ENTICE	-0.2	BANNER	3.64
OFFSIDE	18	SPARKPLUG	254	BANNER	-0.2	MARTINI	3.61
ESCAPADE	18	HALFTIME	247	ALLOY	-0.1	HOTLINE	3.58
FLIGHTPLAN	18	HONEYCOMB	246	HALFTIME	-0.1	LANGLEY	3.48
LAUNCH PP	16	LANGLEY	244	MATOS	-0.1	LAUNCH PP	3.41
FRAGRANT	16	MORANT	240	LUKAKU	-0.1	SPARKPLUG	3.39
HALFTIME	16	FERRY	239	LILLARD	-0.1	NOMINATOR	3.08
LIGERO	16	LIGERO	239	PINE	-0.1	PINE	2.90

EFFICIENCY

FEED FOR MAINTENANCE		US FEED SAVED		FERTILITY		CRV FERTILITY		DPR	
JACUZZI RED	1.20	ALLOY	338	NIPPON P	110	VENITO	4.1		
WARMOND P RC	0.69	FLIGHTPLAN	296	FOND PP	109	SHERO	2.3		
SHAPE PP	0.62	HALFTIME	203	VENITO	108	LILLARD	2.2		
FRAGRANT	0.60	OFFSIDE	169	MAINLINE	107	CAMDEN	2.2		
HANDY P	0.58	GOGETA	154	GROOT	107	MAXIMO	1.6		
STARMAKER	0.48	AMPLUS	146	AMPLUS	106	GOKU	1.5		
NOMINATOR	0.46	MAINLINE	138	FUMAGALLI	106	AMPLUS	1.2		
ELOY RC	0.41	HONEYCOMB	113	MAXIMO	106	FERRY	1.1		
BLESSING	0.39	LIGERO	112	GOKU	106	MAINLINE	1.0		
BELIEVER	0.39	MATOS	104	ESCAPADE	105	INTRICATE	1.0		

CALVING TRAITS

SCE		DCE		SSB		DSB	
LUKAKU	1.4	LUKAKU	1.1	HALFTIME	4.8	AMPLUS	3.0
HONEYCOMB	1.5	LILLARD	1.2	LIGERO	4.9	LILLARD	3.3
MAINLINE	1.5	VENITO	1.3	CAMDEN	4.9	FERRY	3.3
SHERO	1.6	INTRICATE	1.3	LUKAKU	5.0	MAINLINE	3.4
MATCHUP	1.6	SHERO	1.4	MATCHUP	5.1	INTRICATE	3.4
MAXIMO	1.6	MATCHUP	1.5	MAINLINE	5.2	GROOT	3.5
HALFTIME	1.7	MAXIMO	1.5	HONEYCOMB	5.2	VENITO	3.7
EAGLE	1.7	ESCAPADE	1.6	MORANT	5.2	LIGERO	4.0
FLIGHTPLAN	1.8	MAINLINE	1.7	MARTINI	5.2	CAMDEN	4.0
VENITO	1.8	GOKU	1.7	EAGLE	5.3	LUKAKU	4.0

ROBOT TRAITS

ROBOT EFFICIENCY		ROBOT INTERVAL		MILKING SPEED		RTP	
DOC HARDY	109	HANDY P	108	INTRICATE	109	LILLARD	-1.30
MATOS	108	JACUZZI RED	108	GOGETA	108	HONEYCOMB	-1.04
ESCAPADE	107	LIMBIC	107	FLIGHTPLAN	108	LUKAKU	-0.67
INTRICATE	107	NIPPON P	106	VENITO	108	VENITO	-0.45
OFFSIDE	105	WARMOND P RC	106	ENGINEER	107	ALLOY	-0.43
WARMOND P RC	104	RIDGE	106	ESCAPADE	107	ENTICE	-0.39
LIGERO	104	LAUNCH PP	106	FERRY	107	LIGERO	-0.28
MORANT	104	NOMINATOR	106	SHERO	106	AMPLUS	-0.26
ENGINEER	103	FOND PP	105	OFFSIDE	106	ENGINEER	-0.20
ENTICE	103	EVERTON	105	LANGLEY	106	EAGLE	-0.07

Trait Heritability

INDEXES

NM\$		CM\$		NVI	
ENGINEER	840	ENGINEER	898	LAUNCH PP	361
GOKU	821	GOKU	877	JACUZZI RED	359
HONEYCOMB	818	HONEYCOMB	860	NOMINATOR	355
FERRY	803	INTRICATE	842	NIPPON P	343
INTRICATE	801	FERRY	836	LIMBIC	343
OFFSIDE	786	OFFSIDE	835	FRAGRANT	337
ESCAPADE	784	HALFTIME	814	ELOY RC	321
GOGETA	775	GOGETA	806	XANDER	313
HALFTIME	774	PINE	803	WOODY	311
FLIGHTPLAN	755	ESCAPADE	794	EVERTON	297

GTPI		GM\$		FM\$	
GOKU	3000	GOKU	750	ESCAPADE	765
ENGINEER	2986	ENGINEER	745	FERRY	735
INTRICATE	2967	INTRICATE	730	HONEYCOMB	731
ESCAPADE	2929	FERRY	725	ENGINEER	720
SPARKPLUG	2928	HONEYCOMB	716	INTRICATE	717
GOGETA	2916	OFFSIDE	711	GOGETA	710
FERRY	2910	ESCAPADE	707	GOKU	703
HALFTIME	2910	VENITO	696	SPARKPLUG	702
HONEYCOMB	2900	MAINLINE	686	MARTINI	695
OFFSIDE	2864	GOGETA	677	EAGLE	693

CONFORMATION

PTAT		UDC		FLC	
DOC HARDY	3.29	DOC HARDY	2.45	DOC HARDY	1.54
HOTLINE	3.02	HOTLINE	2.40	HOTLINE	1.51
BULLRUSH	1.89	MINCE	2.20	LUKAKU	1.20
FUMAGALLI	1.84	BULLRUSH	1.86	ENGINEER	0.90
INTRICATE	1.69	FUMAGALLI	1.82	FUMAGALLI	0.86
LANGLEY	1.63	GROOT	1.62	SPARKPLUG	0.82
HALFTIME	1.51	MARTINI	1.60	LILLARD	0.80
ESCAPADE	1.50	INTRICATE	1.49	HALFTIME	0.76
MINCE	1.48	LANGLEY	1.42	MATOS	0.71
GOGETA	1.33	ENTICE	1.42	ESCAPADE	0.70

TEAT LENGTH		BIRTH WEIGHT		LOC	
DOC HARDY	1.07	ELOY RC	103	LAUNCH PP	110
BANNER	0.85	FUMAGALLI	103	WIRDUM	110
HALFTIME	0.80	MATOS	102	XANDER	109
LILLARD	0.51	ESCAPADE	102	ELOY RC	108
ALLOY	0.41	MORANT	102	RIDGE	108
PINE	0.33	GOGETA	102	PADDOCK PP	108
AMPLUS	0.25	MARTINI	102	HOTLINE	107
SHAWARMA	0.04	ALLOY	102	BLESSING	107
MARTINI	-0.05	MINCE	102	NOMINATOR	106
HONEYCOMB	-0.08	FERRY	101	LIMBIC	106

TRAIT	HERITABILITY
MILK	0.20
FAT	0.20
FAT%	0.50
PROTEIN	0.20
PROTEIN %	0.50
SOMATIC CELL SCORE	0.12
CALF SURVIVAL	0.11
PRODUCTIVE LIFE	0.08
LONGEVITY	0.12
HOOF HEALTH	0.11
UDDER HEALTH	0.09
MASTITIS	0.06
SC MASTITIS	0.06
KETOSIS	0.20
MUN	0.65
FEED INTAKE	0.28
FEED EFFICIENCY	0.18
US FEED SAVED	0.14
PERSISTENCY	0.25
ROBOT EFFICIENCY	0.27
ROBOT INTERVAL	0.12
SIRE CALVING EASE	0.09
DAUGHTER CALVING EASE	0.05
SIRE STILLBIRTH	0.03
DAUGHTER STILLBIRTH	0.02
DAUGHTER PREGNANCY RATE	0.04
CRV FERTILITY	0.10
LIVABILITY	0.01
UDDER COMPOSITE	0.27
FEET AND LEGS	0.15
LOCOMOTION	0.12
METRITIS	0.01
RETAINED PLACENTA	0.01
DISPLACED ABOMASUM	0.01
HYPOCALCEMIA (MILK FEVER)	0.01



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Baldrige **Cyclone** F289

097AN00048

Baldrige Command C036 x Baldrige Isabel B061

BW	WW	YW	Marb	RE	CW
2.9	75	135	0.94	0.76	62



Highbanks **Southside** A22-F5

097AN00042

WAR Southside D001 B018 x Highbanks Vale 3122

BW	WW	YW	Marb	RE	CW
0.2	72	138	0.74	1.16	72



Marda **Ace** 8167

097AN00046

Jindra Acclaim x Marda Asti 628

BW	WW	YW	Marb	RE	CW
1.3	78	142	0.58	0.68	75



KB **Imperial** F64

097AN00054

3F Epic 4631 x Woodside Rita 6501 of 1885

BW	WW	YW	Marb	RE	CW
2.9	83	148	0.56	0.77	73

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