

Fall
2021

Holstein Sire Directory



BETTER COWS > BETTER LIFE

CRV, leading
in health and efficiency



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Information from CDCB 08.21 production and HA 08.21 type evaluations

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**Same
amount
of feed**

**10%
more milk**

CRV introduces a unique breeding value for feed efficiency. Using this value, you can actively steer towards a more efficient herd. In real terms, that means more milk with the same amount of feed, increasing your farm income.



BETTER COWS > BETTER LIFE

- ▶ **10% more milk with the same amount of feed**
- ▶ **Breeding value based on individual cow feed intake data of 1,800 lactating cows**
- ▶ **Large portfolio of reliable bulls (85% - 90%)**
- ▶ **More efficient cows produce less manure and reduce the carbon footprint**

Want to learn more about feed efficiency?
Visit our website: **CRV4all.us**

097HO42537 **FACTOTUM** NEW



Factotum

PEAK FACTOTUM-ET
 Altazazzle x Positive x Medley
 HO840003215425495
DOB: 5/21/20
99% RHA
GFI: 10.5%
Beta Casein: A1A2
Kappa Casein: BB
Sire: Peak Altazazzle-ET
Dam: Peak Maraca-ET

097HO42538 **GONZO** NEW



Gonzo

PEAK GONZO-ET
 Altazazzle x Positive x Modesty
 HO840003215425490
DOB: 5/21/20
99% RHA
GFI: 10.4%
Beta Casein: A2A2
Kappa Casein: AB
Sire: Peak Altazazzle-ET
Dam: Peak Dorie-ET

CRV EFFICIENCY 10%

Longevity	527
Feed Efficiency	103
CFP	146

CRV HEALTH 6%

Hoof Health	102
Udder Health	102
Fertility	106

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	1052	SCS	2.76
Fat	93	Fat %	0.18
Protein	53	Protein %	0.07

HEALTH TRAITS

PL	5.7	Livability	1.6
Clinical Mastitis	1.0	Subclinical Mastitis	103
Temperament	103	Persistency	-
Ketosis	1.6		

CALVING TRAITS

Calf Survival	-	SCE	1.4
BW	98	EFC	3
DCE	1.2		

INDEXES

CM\$	1006	NVI	267
NM\$	990	GM\$	962
FM\$	882	GTPI	2992

MILK ROBOT

Efficiency	100	Interval	101
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FERTILITY

DPR	0.9	HCR	0.3
SSB	5.5	CCR	1.7
DSB	4.0	SCR	-
Birth Index	109	Gest. Length	-2.7

CDCB HEALTH

Metritis	2.4	DA	0.3
Retained Placenta	0.6	Milk Fever	0.0

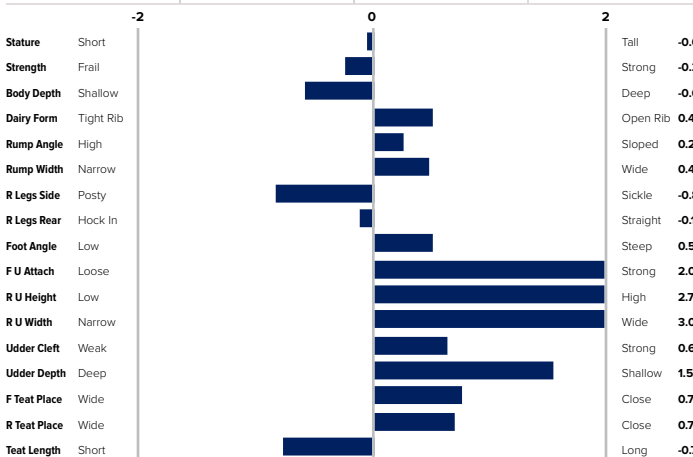
FEED EFFICIENCY

Feed Saved	41	MUN	0.0
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CONFORMATION

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

PTAT	1.21	FLC	0.24	UDC	2.23	LOC	100
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CRV EFFICIENCY 14%

Longevity	494
Feed Efficiency	106
CFP	157

CRV HEALTH 6%

Hoof Health	105
Udder Health	101
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	936	SCS	2.85
Fat	105	Fat %	0.24
Protein	52	Protein %	0.08

HEALTH TRAITS

PL	5.7	Livability	2.6
Clinical Mastitis	-0.3	Subclinical Mastitis	102
Temperament	104	Persistency	105
Ketosis	1.9		

CALVING TRAITS

Calf Survival	-	SCE	2.0
BW	97	EFC	5
DCE	2.0		

INDEXES

CM\$	1013	NVI	288
NM\$	996	GM\$	922
FM\$	880	GTPI	2954

MILK ROBOT

Efficiency	101	Interval	102
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FERTILITY

DPR	-0.8	HCR	0.5
SSB	5.6	CCR	0.2
DSB	5.6	SCR	-
Birth Index	107	Gest. Length	-2.6

CDCB HEALTH

Metritis	2.2	DA	0.5
Retained Placenta	0.9	Milk Fever	0.1

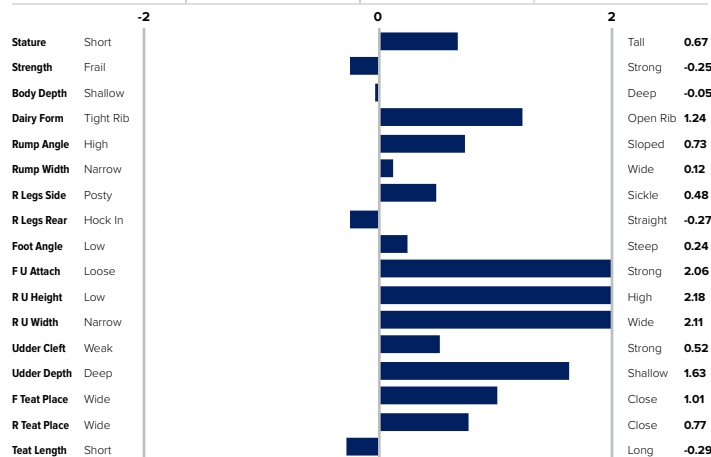
FEED EFFICIENCY

Feed Saved	61	MUN	0.1
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CONFORMATION

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

PTAT	1.36	FLC	0.18	UDC	1.77	LOC	98
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097HO42510 FUGLEMAN



Fugleman

CRV EFFICIENCY 16%

Longevity	468
Feed Efficiency	108
CFP	176

CRV HEALTH 3%

Hoof Health	102
Udder Health	100
Fertility	104

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 78% Rel

Milk	1373	Fat	108	Fat %	0.19
SCS	2.81	Protein	68	Protein %	0.09

HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis
5.8	2.6	0.9	101	105	-	2.0

CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
-	2.0	98	2	2.4

MILK ROBOT

Efficiency	Interval
101	100

NEW CREATE

PEAK FUGLEMAN-ET

Altazazzle x Positive x Medley
HO840003215425396

DOB: 4/20/20

99% RHA

GFI: 10.1%

Beta Casein: A1A2

Kappa Casein: BB

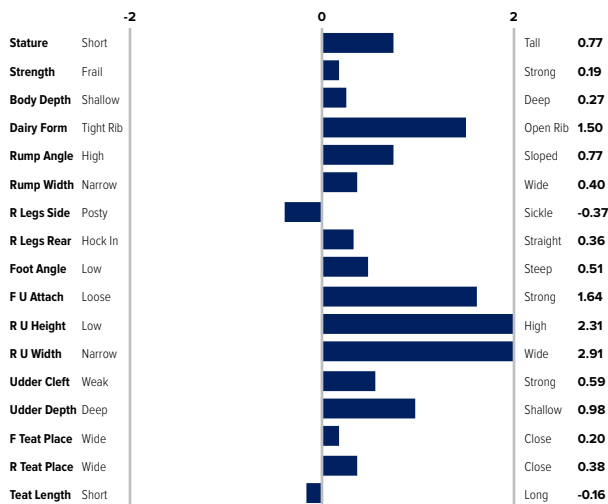
Sire: Peak Altazazzle-ET

Dam: Peak Maraca-ET

CONFORMATION

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

PTAT	FLC	UDC	LOC
1.67	0.54	1.69	96



INDEXES

CM\$	1088	NVI	304
NM\$	1069	GM\$	979
FM\$	938	GTPI	3033

CDCB HEALTH

Metritis	2.0	DA	0.2
Retained Placenta	0.6	Milk Fever	0.1

FERTILITY

DPR	-1.4	HCR	-1.3
SSB	6.3	CCR	-0.7
DSB	6.5	SCR	-

Birth Index	101	Gestation Length	-2.8
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097HO42424 **UPSWING**

NEW



Upswing

PEAK UPSWING-ET
Pursuit x Duke x Rubicon
HO840003209641351

DOB: 8/31/19
aAa: 243
99% RHA
GFI: 10.7%

Beta Casein: A2A2
Kappa Casein: AB

Sire: Pine-Tree-I Pursuit-ET
Dam: Peak Marge-ET

097HO42531 **YAMCHA**

NEW



Yamcha

PINE-TREE YAMCHA-ET
Heroic x Medley x Profit
HO840003215069834

DOB: 4/5/20
aAa: 234165
99% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: PINE-TREE HEROIC-ET
Dam: PINE-TREE 7019 MEDL
7883-ET

CRV EFFICIENCY 12%

Longevity	573
Feed Efficiency	105
CFP	160

CRV HEALTH 6%

Hoof Health	103
Udder Health	101
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	995	SCS	2.84
Fat	109	Fat %	0.24
Protein	51	Protein %	0.07

HEALTH TRAITS

PL	5.5	Livability	0.6
Clinical Mastitis	2.0	Subclinical Mastitis	103
Temperament	105	Persistency	108
Ketosis	2.1		

CALVING TRAITS

Calf Survival	98	SCE	1.9
BW	100	EFC	3
DCE	1.5		

INDEXES

CM\$	978	NVI	263
NM\$	963	GM\$	905
FM\$	859	GTPI	3001

MILK ROBOT

Efficiency	101	Interval	101
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FERTILITY

DPR	-0.2	HCR	2.9
SSB	6.1	CCR	1.1
DSB	4.1	SCR	1.2
Birth Index	106	Gest. Length	-1.7

CDCB HEALTH

Metritis	0.8	DA	0.8
Retained Placenta	-0.2	Milk Fever	0.2

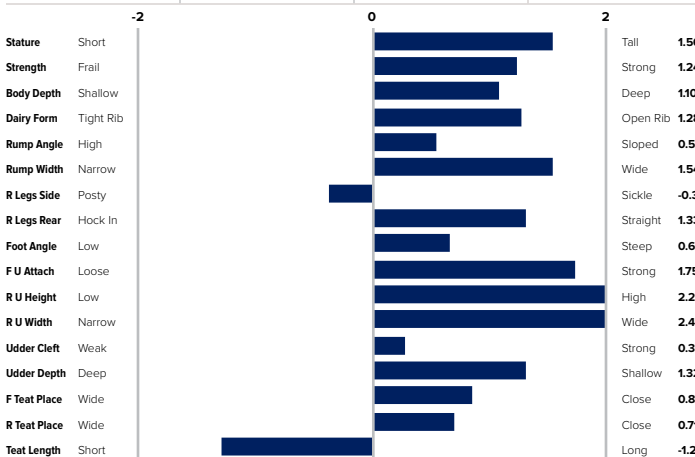
FEED EFFICIENCY

Feed Saved	-65	MUN	-0.1
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CONFORMATION

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

PTAT	1.71	FLC	0.95	UDC	1.45	LOC	102
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CRV EFFICIENCY 18%

Longevity	505
Feed Efficiency	110
CFP	139

CRV HEALTH 7%

Hoof Health	103
Udder Health	100
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1105	SCS	2.76
Fat	91	Fat %	0.17
Protein	48	Protein %	0.05

HEALTH TRAITS

PL	5.9	Livability	2.9
Clinical Mastitis	1.9	Subclinical Mastitis	102
Temperament	104	Persistency	105
Ketosis	2.1		

CALVING TRAITS

Calf Survival	-	SCE	1.7
BW	99	EFC	2
DCE	1.0		

INDEXES

CM\$	970	NVI	283
NM\$	957	GM\$	904
FM\$	879	GTPI	2944

MILK ROBOT

Efficiency	104	Interval	100
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FERTILITY

DPR	0.4	HCR	-0.1
SSB	5.6	CCR	1.0
DSB	3.4	SCR	-
Birth Index	110	Gest. Length	-1.6

CDCB HEALTH

Metritis	1.6	DA	0.5
Retained Placenta	0.0	Milk Fever	0.1

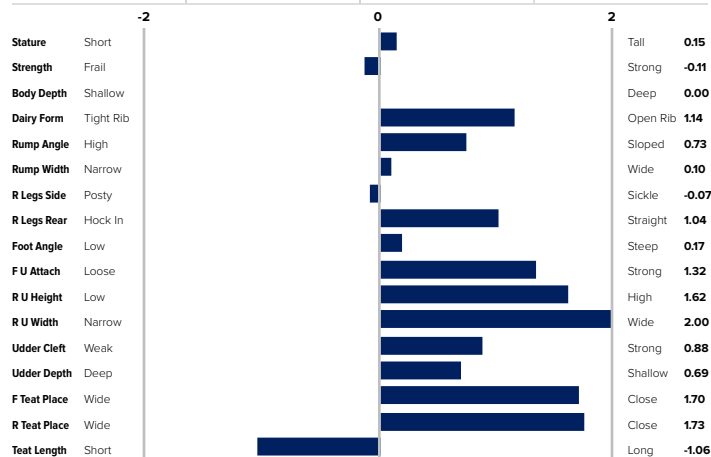
FEED EFFICIENCY

Feed Saved	44	MUN	0.0
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CONFORMATION

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

PTAT	1.42	FLC	1.02	UDC	1.38	LOC	103
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097HO42536 CURVEBALL



Curveball

CRV EFFICIENCY 14%

Longevity	402
Feed Efficiency	107
CFP	158

CRV HEALTH 5%

Hoof Health	103
Udder Health	100
Fertility	106

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1647	Fat	96	Fat %	0.11
SCS	2.81	Protein	62	Protein %	0.04

HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistence	Ketosis
6.0	1.5	1.5	101	104	101	1.7

CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
-	2.3	99	7	2.5

MILK ROBOT

Efficiency	Interval
98	101

NEW CREATE

PEAK CURVEBALL-ET

Fastball x Altatopshot x Mr Mogul Delta
HO840003215743635

DOB: 5/25/20

99% RHA

GFI: 10.0%

Beta Casein: A2A2

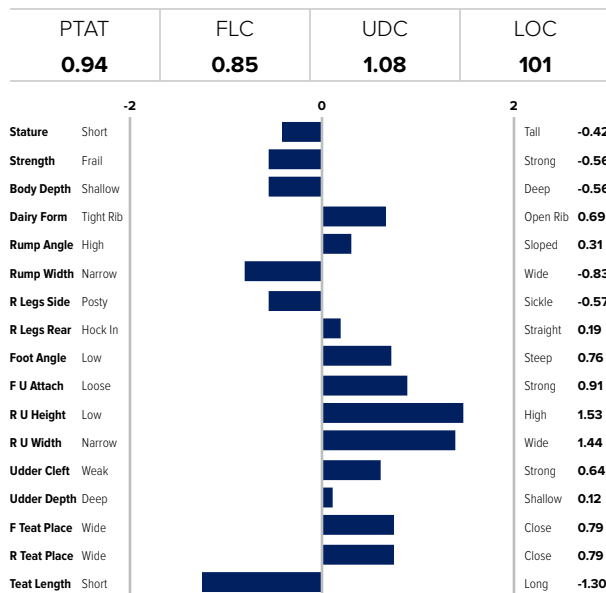
Kappa Casein: AB

Sire: Bomax Fastball-ET

Dam: Bomax Maddie-ET

CONFORMATION

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



INDEXES

CM\$	1062	NVI	272
NM\$	1052	GM\$	992
FM\$	986	GTPI	2974

CDCB HEALTH

Metritis	0.5	DA	0.7
Retained Placenta	-0.3	Milk Fever	0.1

FERTILITY

FEED EFFICIENCY

Feed Saved	174	MUN	0.0
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DPR	-0.2	HCR	0.6
SSB	4.7	CCR	0.2
DSB	4.8	SCR	-

Birth Index	106	Gestation Length	-1.0
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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

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

CRV EFFICIENCY 14%

Longevity	540
Feed Efficiency	107
CFP	146

CRV HEALTH 5%

Hoof Health	103
Udder Health	102
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	784	SCS	2.69
Fat	101	Fat %	0.25
Protein	45	Protein %	0.07

HEALTH TRAITS

PL	6.7	Livability	3.3
Clinical Mastitis	3.2	Subclinical Mastitis	103
Temperament	104	Persistency	112
Ketosis	1.4		

CALVING TRAITS

Calf Survival	102	SCE	1.5
BW	94	EFC	4
DCE	1.8		

INDEXES

CM\$	1028	NVI	256
NM\$	1009	GM\$	935
FM\$	899	GTPI	2893

MILK ROBOT

Efficiency	100	Interval	102
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FERTILITY

DPR	-0.2	HCR	0.7
SSB	5.4	CCR	2.0
DSB	5.3	SCR	-
Birth Index	105	Gest. Length	-4.0

CDCB HEALTH

Metritis	1.0	DA	0.5
Retained Placenta	0.3	Milk Fever	0.1

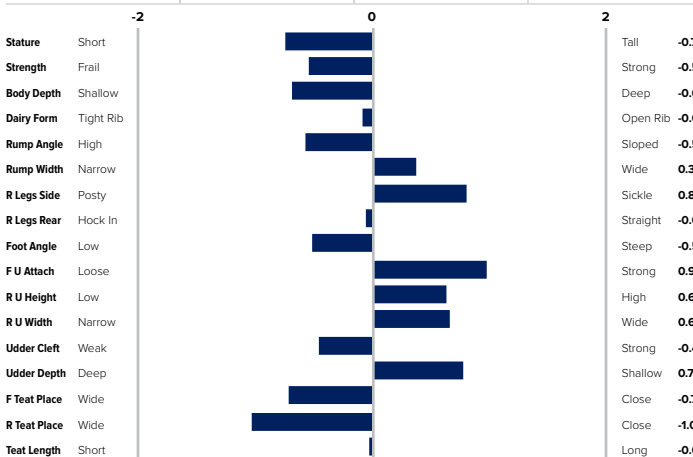
FEED EFFICIENCY

Feed Saved	101	MUN	0.1
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CONFORMATION

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

PTAT	0.60	FLC	0.32	UDC	0.71	LOC	99
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CRV EFFICIENCY 16%

Longevity	309
Feed Efficiency	109
CFP	137

CRV HEALTH 2%

Hoof Health	97
Udder Health	99
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	667	SCS	2.79
Fat	89	Fat %	0.22
Protein	48	Protein %	0.10

HEALTH TRAITS

PL	6.5	Livability	4.3
Clinical Mastitis	1.0	Subclinical Mastitis	101
Temperament	105	Persistency	105
Ketosis	2.0		

CALVING TRAITS

Calf Survival	96	SCE	2.2
BW	100	EFC	3
DCE	1.9		

INDEXES

CM\$	1030	NVI	223
NM\$	1010	GM\$	976
FM\$	872	GTPI	2888

MILK ROBOT

Efficiency	105	Interval	101
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FERTILITY

DPR	0.9	HCR	3.0
SSB	5.7	CCR	3.3
DSB	5.0	SCR	-
Birth Index	105	Gest. Length	-0.4

CDCB HEALTH

Metritis	1.3	DA	0.9
Retained Placenta	0.2	Milk Fever	0.1

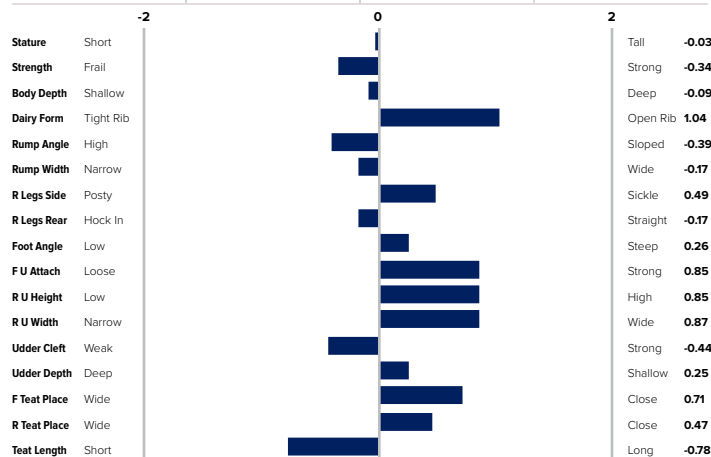
FEED EFFICIENCY

Feed Saved	205	MUN	0.2
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CONFORMATION

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

PTAT	0.77	FLC	0.14	UDC	0.61	LOC	95
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097HO42425 ENGINEER



Engineer

CRV EFFICIENCY 12%

Longevity	434
Feed Efficiency	105
CFP	157

CRV HEALTH 3%

Hoof Health	100
Udder Health	101
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	754	Fat	103	Fat %	0.26
SCS	2.70	Protein	54	Protein %	0.11

HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistence	Ketosis
6.6	3.2	3.2	102	107	106	1.6

CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
-	2.2	99	4	2.2

MILK ROBOT

Efficiency	Interval
103	104

CREATE

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

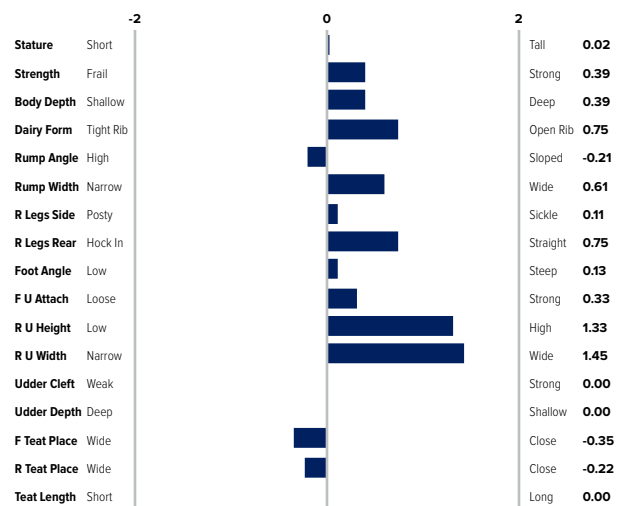
Sire: Pine-Tree-I Pursuit-ET

Dam: Pine-Tree 5976 Prop 7829-ET

CONFORMATION

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

PTAT	FLC	UDC	LOC
1.06	0.86	0.70	99



INDEXES

CM\$	1067	NVI	219
NM\$	1043	GM\$	987
FM\$	887	GTPI	3003

CDCB HEALTH

Metritis	1.1	DA	0.5
Retained Placenta	0.1	Milk Fever	0.2

FEED EFFICIENCY

Feed Saved	31	MUN	0.3
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FERTILITY

DPR	0.5	HCR	2.2
SSB	6.5	CCR	2.4
DSB	4.8	SCR	-
Birth Index	104	Gestation Length	-1.2

097HO42478 GOKU



Goku

PEAK GOKU
Maestro x Marius x
Altatopshot
HO840M003209641779

DOB: 1/28/20
aAa: 423165
99% RHA
DMS: 561,456
GFI: 10.4%

Beta Casein: A1A2
Kappa Casein: BB

Sire: Progenesis Maestro
Dam: Peak Olinka-ET

097HO42509 TOMBOLA

NEW



Tombola

CO-OP TOMBOLA-ET
Altazazzle x Achiever x
Silver
HO840003215743595

DOB: 4/22/20
99% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: PEAK ALTAZAZZLE-ET
Dam: FARIA-BROS ACH
BARCELONA-ET

CRV EFFICIENCY 10%

Longevity	436
Feed Efficiency	104
CFP	144

CRV HEALTH 8%

Hoof Health	103
Udder Health	106
Fertility	107

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	791	SCS	2.69
Fat	90	Fat %	0.21
Protein	54	Protein %	0.10

HEALTH TRAITS

PL	5.8	Livability	1.8
Clinical Mastitis	2.6	Subclinical Mastitis	107
Temperament	106	Persistency	104
Ketosis	2.3		

CALVING TRAITS

Calf Survival	97	SCE	2.0
BW	98	EFC	5
DCE	1.6		

INDEXES

CM\$	955	NVI	272
NM\$	932	GM\$	908
FM\$	781	GTPI	2964

MILK ROBOT

Efficiency	99	Interval	102
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FERTILITY

DPR	1.5	HCR	0.7
SSB	6.2	CCR	3.2
DSB	5.3	SCR	-
Birth Index	106	Gest. Length	-2.8

CDCB HEALTH

Metritis	2.3	DA	0.6
Retained Placenta	0.5	Milk Fever	0.2

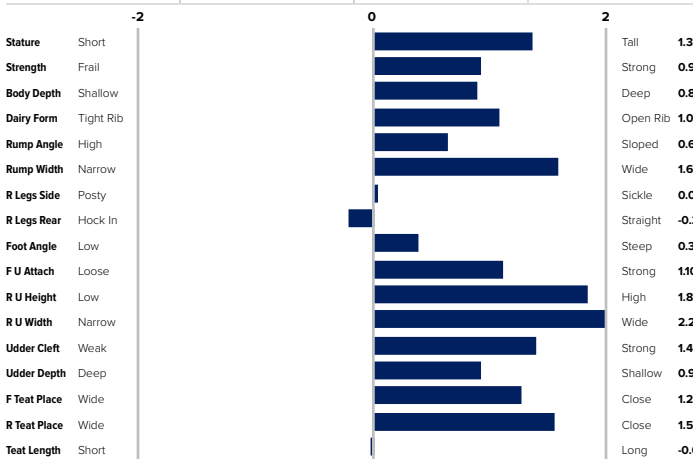
FEED EFFICIENCY

Feed Saved	-96	MUN	0.0
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CONFORMATION

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

PTAT	1.29	FLC	-0.08	UDC	1.31	LOC	97
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CRV EFFICIENCY 13%

Longevity	294
Feed Efficiency	106
CFP	164

CRV HEALTH 4%

Hoof Health	104
Udder Health	100
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	528	SCS	2.88
Fat	124	Fat %	0.36
Protein	40	Protein %	0.08

HEALTH TRAITS

PL	4.0	Livability	3.4
Clinical Mastitis	0.7	Subclinical Mastitis	100
Temperament	102	Persistency	99
Ketosis	1.7		

CALVING TRAITS

Calf Survival	-	SCE	1.9
BW	100	EFC	5
DCE	2.2		

INDEXES

CM\$	1015	NVI	224
NM\$	999	GM\$	992
FM\$	883	GTPI	2949

MILK ROBOT

Efficiency	101	Interval	100
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FERTILITY

DPR	0.3	HCR	0.6
SSB	6.0	CCR	1.6
DSB	5.9	SCR	-
Birth Index	104	Gest. Length	-1.8

CDCB HEALTH

Metritis	2.3	DA	0.5
Retained Placenta	0.7	Milk Fever	0.2

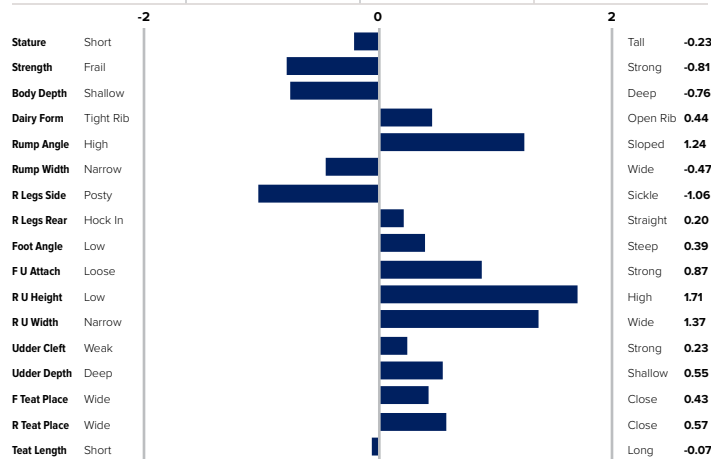
FEED EFFICIENCY

Feed Saved	156	MUN	0.2
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CONFORMATION

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

PTAT	0.67	FLC	0.55	UDC	1.17	LOC	101
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097HO42464 INTRICATE



Intricate

PROGENESIS INTRICATE-ET

Pursuit x Achiever x Delta
HOCAN00013567606

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

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 13%

Longevity	346
Feed Efficiency	106
CFP	140

CRV HEALTH 5%

Hoof Health	103
Udder Health	102
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	847	SCS	2.75
Fat	93	Fat %	0.21
Protein	47	Protein %	0.07

HEALTH TRAITS

PL	5.0	Livability	2.0
Clinical Mastitis	1.6	Subclinical Mastitis	102
Temperament	104	Persistency	102
Ketosis	2.0		

CALVING TRAITS

Calf Survival	-	SCE	1.7
BW	98	EFC	2
DCE	1.3		

INDEXES

CM\$	923	NVI	243
NM\$	906	GM\$	879
FM\$	797	GTPI	2939

MILK ROBOT

Efficiency	108	Interval	101
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FERTILITY

DPR	0.7	HCR	1.6
SSB	6.1	CCR	1.9
DSB	3.4	SCR	1.5
Birth Index	107	Gest. Length	-2.7

CDCB HEALTH

Metritis	1.1	DA	0.8
Retained Placenta	0.1	Milk Fever	0.1

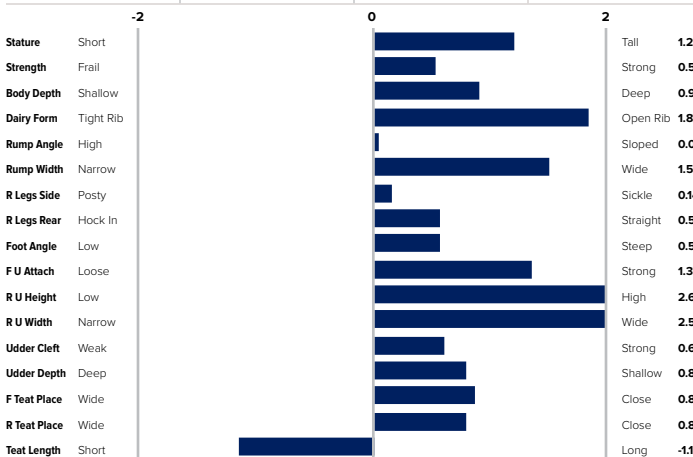
FEED EFFICIENCY

Feed Saved	-18	MUN	0.3
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CONFORMATION

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

PTAT	1.69	FLC	0.45	UDC	1.49	LOC	100
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CRV EFFICIENCY 16%

Longevity	484
Feed Efficiency	108
CFP	138

CRV HEALTH 5%

Hoof Health	100
Udder Health	104
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	876	SCS	2.68
Fat	91	Fat %	0.20
Protein	47	Protein %	0.07

HEALTH TRAITS

PL	5.6	Livability	1.8
Clinical Mastitis	1.6	Subclinical Mastitis	105
Temperament	102	Persistency	107
Ketosis	2.1		

CALVING TRAITS

Calf Survival	99	SCE	1.8
BW	100	EFC	4
DCE	2.1		

INDEXES

CM\$	984	NVI	292
NM\$	965	GM\$	913
FM\$	858	GTPI	2912

MILK ROBOT

Efficiency	101	Interval	101
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FERTILITY

DPR	-0.2	HCR	-0.8
SSB	4.7	CCR	1.2
DSB	4.4	SCR	-0.8
Birth Index	107	Gest. Length	0.7

CDCB HEALTH

Metritis	1.3	DA	0.5
Retained Placenta	-0.1	Milk Fever	0.1

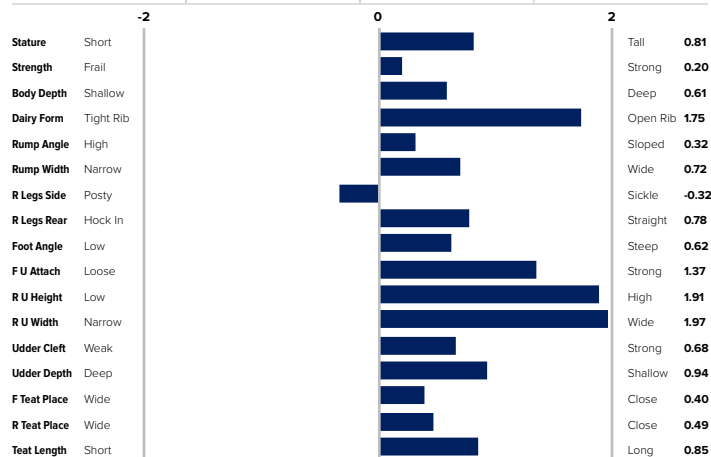
FEED EFFICIENCY

Feed Saved	191	MUN	-0.1
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CONFORMATION

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

PTAT	1.55	FLC	0.75	UDC	1.28	LOC	98
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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

097HO42479 GOGETA



Gogeta

PEAK GOGET
 Maestro x Marius x Delta
 HO84000320964181

DOB: 2/12/20
99% RHA

Beta Casein: A1A2
Kappa Casein: BB

Sire: Progenesis Maestro
Dam: Peak Magenta-ET

CRV EFFICIENCY 7%

Longevity	312
Feed Efficiency	102
CFP	149

CRV HEALTH 4%

Hoof Health	100
Udder Health	100
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1178	SCS	2.68
Fat	98	Fat %	0.18
Protein	51	Protein %	0.05

HEALTH TRAITS

PL	5.4	Livability	1.9
Clinical Mastitis	1.9	Subclinical Mastitis	102
Temperament	105	Persistency	105
Ketosis	2.1		

CALVING TRAITS

Calf Survival	-	SCE	2.3
BW	102	EFC	2
DCE	2.2		

INDEXES

CM\$	960	NVI	193
NM\$	945	GM\$	902
FM\$	862	GTPI	2910

MILK ROBOT

Efficiency	102	Interval	101
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FERTILITY

DPR	0.6	HCR	0.0
SSB	5.4	CCR	1.4
DSB	3.3	SCR	-
Birth Index	107	Gest. Length	-2.5

CDCB HEALTH

Metritis	1.8	DA	0.6
Retained Placenta	0.4	Milk Fever	0.0

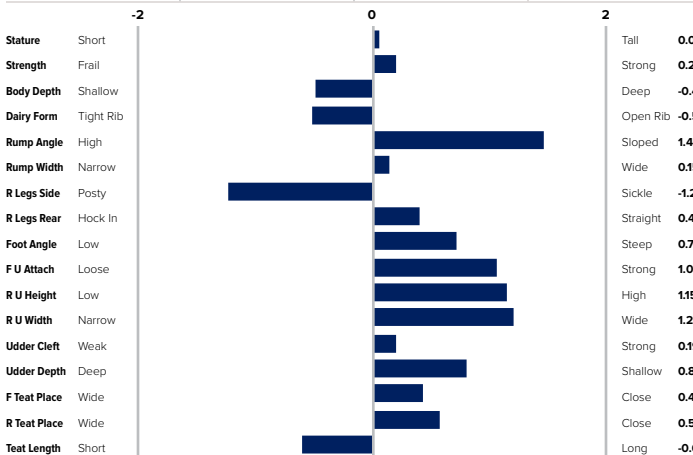
FEED EFFICIENCY

Feed Saved	-52	MUN	0.3
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CONFORMATION

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

PTAT	0.56	FLC	0.26	UDC	0.98	LOC	99
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CRV EFFICIENCY 14%

Longevity	384
Feed Efficiency	107
CFP	151

CRV HEALTH 3%

Hoof Health	100
Udder Health	101
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1311	SCS	2.84
Fat	95	Fat %	0.15
Protein	56	Protein %	0.05

HEALTH TRAITS

PL	5.0	Livability	-0.4
Clinical Mastitis	1.0	Subclinical Mastitis	102
Temperament	105	Persistency	108
Ketosis	2.0		

CALVING TRAITS

Calf Survival	98	SCE	2.2
BW	101	EFC	2
DCE	2.1		

INDEXES

CM\$	986	NVI	254
NM\$	974	GM\$	939
FM\$	891	GTPI	2907

MILK ROBOT

Efficiency	103	Interval	100
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FERTILITY

DPR	-0.5	HCR	0.6
SSB	5.9	CCR	1.0
DSB	4.9	SCR	-
Birth Index	104	Gest. Length	-0.5

CDCB HEALTH

Metritis	1.1	DA	0.8
Retained Placenta	0.2	Milk Fever	0.1

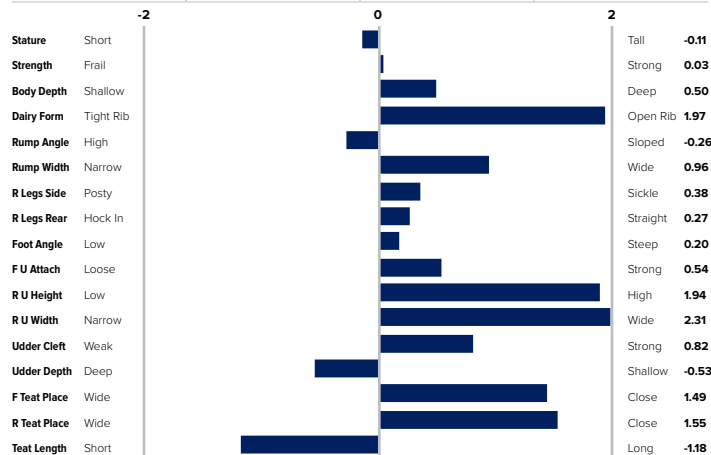
FEED EFFICIENCY

Feed Saved	275	MUN	0.2
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CONFORMATION

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

PTAT	1.40	FLC	0.71	UDC	1.15	LOC	99
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097HO42437 ESCAPADE



Escapade

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	451
Feed Efficiency	109
CFP	150

CRV HEALTH 6%

Hoof Health	101
Udder Health	103
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1808	SCS	2.91
Fat	92	Fat %	0.08
Protein	58	Protein %	0.01

HEALTH TRAITS

PL	4.1	Livability	2.1
Clinical Mastitis	0.3	Subclinical Mastitis	104
Temperament	103	Persistency	-
Ketosis	2.2		

CALVING TRAITS

Calf Survival	-	SCE	2.2
BW	102	EFC	3
DCE	1.7		

INDEXES

CM\$	910	NVI	262
NM\$	906	GM\$	882
FM\$	886	GTPI	2918

MILK ROBOT

Efficiency **108** Interval **101**

CDCB HEALTH

Metritis	1.4	DA	0.6
Retained Placenta	-0.1	Milk Fever	0.3

FERTILITY

DPR	0.0	HCR	2.9
SSB	5.8	CCR	1.0
DSB	4.2	SCR	-
Birth Index	109	Gest. Length	-1.5

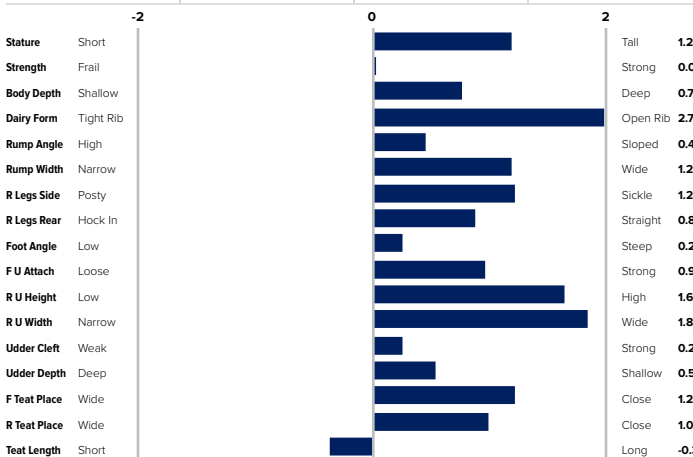
FEED EFFICIENCY

Feed Saved	46	MUN	0.4
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CONFORMATION

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

PTAT	1.58	FLC	0.62	UDC	1.00	LOC	101
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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 10%

Longevity	323
Feed Efficiency	102
CFP	162

CRV HEALTH 4%

Hoof Health	100
Udder Health	101
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1430	SCS	2.83
Fat	106	Fat %	0.17
Protein	56	Protein %	0.04

HEALTH TRAITS

PL	3.7	Livability	0.7
Clinical Mastitis	-2.0	Subclinical Mastitis	102
Temperament	105	Persistency	101
Ketosis	1.4		

CALVING TRAITS

Calf Survival	-	SCE	2.2
BW	98	EFC	4
DCE	2.3		

INDEXES

CM\$	898	NVI	232
NM\$	888	GM\$	845
FM\$	821	GTPI	2913

MILK ROBOT

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

CDCB HEALTH

Metritis	0.7	DA	0.7
Retained Placenta	0.0	Milk Fever	0.1

FERTILITY

DPR	-0.4	HCR	-0.3
SSB	5.9	CCR	0.3
DSB	5.3	SCR	-
Birth Index	106	Gest. Length	-2.9

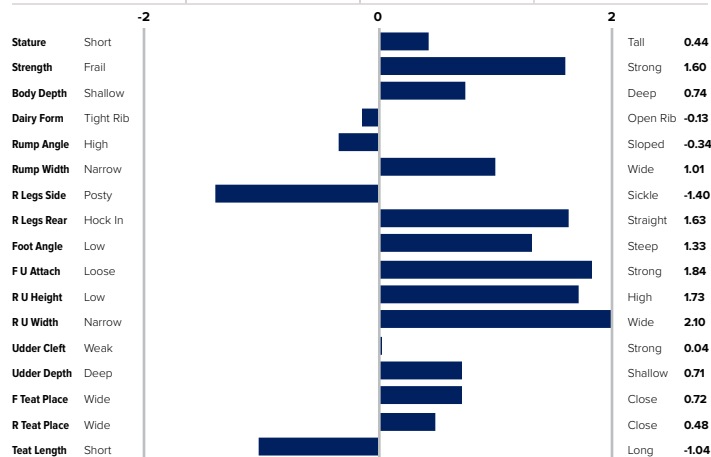
FEED EFFICIENCY

Feed Saved	-64	MUN	0.3
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CONFORMATION

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

PTAT	1.15	FLC	0.83	UDC	1.33	LOC	99
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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

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

CRV EFFICIENCY 10%

Longevity	505
Feed Efficiency	103
CFP	136

CRV HEALTH 1%

Hoof Health	104
Udder Health	102
Fertility	99

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	2386	SCS	2.59
Fat	68	Fat %	-0.08
Protein	68	Protein %	-0.02

HEALTH TRAITS

PL	5.9	Livability	-0.4
Clinical Mastitis	1.2	Subclinical Mastitis	103
Temperament	107	Persistency	104
Ketosis	2.5		

CALVING TRAITS

Calf Survival	102	SCE	2.0
BW	102	EFC	4
DCE	2.8		

INDEXES

CM\$	878	NVI	201
NM\$	872	GM\$	763
FM\$	875	GTPI	2810

MILK ROBOT

Efficiency	102	Interval	100
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FERTILITY

DPR	-1.7	HCR	0.4
SSB	5.3	CCR	-1.0
DSB	6.7	SCR	-
Birth Index	100	Gest. Length	-3.2

CDCB HEALTH

Metritis	1.2	DA	0.8
Retained Placenta	0.4	Milk Fever	0.3

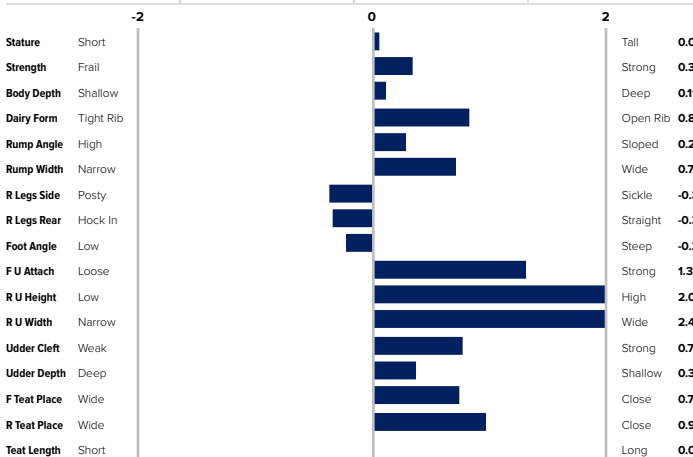
FEED EFFICIENCY

Feed Saved	-5	MUN	-0.3
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CONFORMATION

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

PTAT	0.91	FLC	-0.21	UDC	1.57	LOC	98
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CRV EFFICIENCY 13%

Longevity	516
Feed Efficiency	105
CFP	127

CRV HEALTH 4%

Hoof Health	100
Udder Health	104
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	2137	SCS	2.61
Fat	58	Fat %	-0.08
Protein	69	Protein %	0.01

HEALTH TRAITS

PL	5.7	Livability	0.2
Clinical Mastitis	2.2	Subclinical Mastitis	104
Temperament	103	Persistency	102
Ketosis	1.6		

CALVING TRAITS

Calf Survival	99	SCE	2.1
BW	99	EFC	5
DCE	1.9		

INDEXES

CM\$	873	NVI	268
NM\$	862	GM\$	798
FM\$	827	GTPI	2790

MILK ROBOT

Efficiency	96	Interval	100
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FERTILITY

DPR	-0.3	HCR	0.3
SSB	5.5	CCR	1.3
DSB	5.4	SCR	-0.6
Birth Index	106	Gest. Length	-2.6

CDCB HEALTH

Metritis	1.7	DA	0.2
Retained Placenta	0.2	Milk Fever	0.1

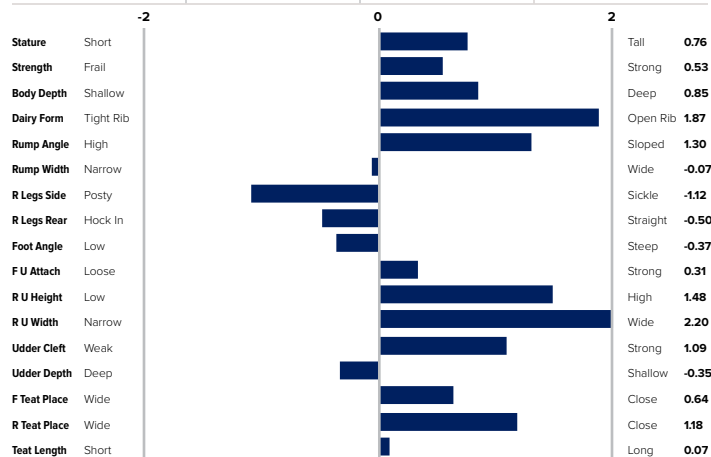
FEED EFFICIENCY

Feed Saved	53	MUN	0.2
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CONFORMATION

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

PTAT	0.78	FLC	-0.65	UDC	0.86	LOC	97
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097HO42480 JUMANJI

NEW



Jumanji

RONJANCO JUMANJI
Crimson x Achiever x
Josuper
HO840003135379082

DOB: 4/10/19
aAa: 432516
99% RHA
GFI: 9.7%

Beta Casein: A2A2
Kappa Casein: AB

Sire: ABS Crimson-ET
Dam: Ronjanco Ac 295 441F-ET
Pro: 01-08 2X 305 16,250M 4.6 745F 3.4 557P

CRV EFFICIENCY 7%

Longevity	282
Feed Efficiency	102
CFP	137

CRV HEALTH 6%

Hoof Health	100
Udder Health	102
Fertility	106

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	407	SCS	2.74
Fat	104	Fat %	0.31
Protein	33	Protein %	0.07

HEALTH TRAITS

PL	5.4	Livability	4.0
Clinical Mastitis	1.1	Subclinical Mastitis	102
Temperament	103	Persistency	102
Ketosis	1.9		

CALVING TRAITS

Calf Survival	99	SCE	1.8
BW	98	EFC	2
DCE	1.6		

INDEXES

CM\$	952	NVI	202
NM\$	935	GM\$	896
FM\$	829	GTPI	2800

MILK ROBOT

Efficiency	100	Interval	98
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FERTILITY

DPR	0.5	HCR	1.8
SSB	5.4	CCR	1.8
DSB	3.6	SCR	-
Birth Index	109	Gest. Length	0.0

CDCB HEALTH

Metritis	1.5	DA	0.8
Retained Placenta	-0.1	Milk Fever	0.1

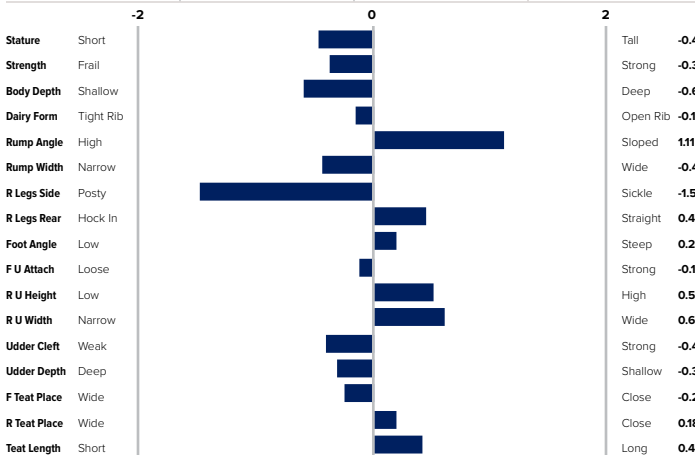
FEED EFFICIENCY

Feed Saved	115	MUN	0.4
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CONFORMATION

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

PTAT	0.10	FLC	0.22	UDC	0.21	LOC	103
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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 16%

Longevity	446
Feed Efficiency	109
CFP	101

CRV HEALTH 3%

Hoof Health	101
Udder Health	103
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	499	SCS	2.70
Fat	68	Fat %	0.17
Protein	33	Protein %	0.06

HEALTH TRAITS

PL	7.9	Livability	4.5
Clinical Mastitis	2.9	Subclinical Mastitis	104
Temperament	104	Persistency	109
Ketosis	1.7		

CALVING TRAITS

Calf Survival	99	SCE	1.8
BW	97	EFC	2
DCE	2.5		

INDEXES

CM\$	944	NVI	218
NM\$	927	GM\$	856
FM\$	833	GTPI	2715

MILK ROBOT

Efficiency	100	Interval	101
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FERTILITY

DPR	0.5	HCR	1.4
SSB	5.5	CCR	2.5
DSB	5.6	SCR	-
Birth Index	102	Gest. Length	-1.5

CDCB HEALTH

Metritis	1.0	DA	0.5
Retained Placenta	-0.1	Milk Fever	0.1

FEED EFFICIENCY

Feed Saved	303	MUN	0.1
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CONFORMATION

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

PTAT	-0.08	FLC	0.07	UDC	0.94	LOC	98
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097HO42535 KRILLIN

NEW



Krillin

LAMBRECHT KRILLIN
Positive x Magnus x Amrc
HO840003208694539

DOB: 2/24/20
aAa: 432165
99% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: PROGENESIS POSITIVE
Dam: LAMBRECHT MAGNUS
EMBISEE-ET

097HO42234 MORANT



Morant

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 13%

Longevity	349
Feed Efficiency	105
CFP	176

CRV HEALTH 4%

Hoof Health	103
Udder Health	103
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	1182	SCS	2.88
Fat	123	Fat %	0.27
Protein	53	Protein %	0.06

HEALTH TRAITS

PL	2.5	Livability	-0.5
Clinical Mastitis	0.1	Subclinical Mastitis	103
Temperament	104	Persistency	103
Ketosis	1.4		

CALVING TRAITS

Calf Survival	-	SCE	2.0
BW	102	EFC	3
DCE	2.3		

INDEXES

CM\$	819	NVI	261
NM\$	807	GM\$	742
FM\$	721	GTPI	2871

MILK ROBOT

Efficiency	99	Interval	102
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CDCB HEALTH

Metritis	1.0	DA	0.0
Retained Placenta	0.4	Milk Fever	0.1

FERTILITY

DPR	-2.0	HCR	0.7
SSB	5.9	CCR	-1.4
DSB	6.1	SCR	-
Birth Index	103	Gest. Length	-1.3

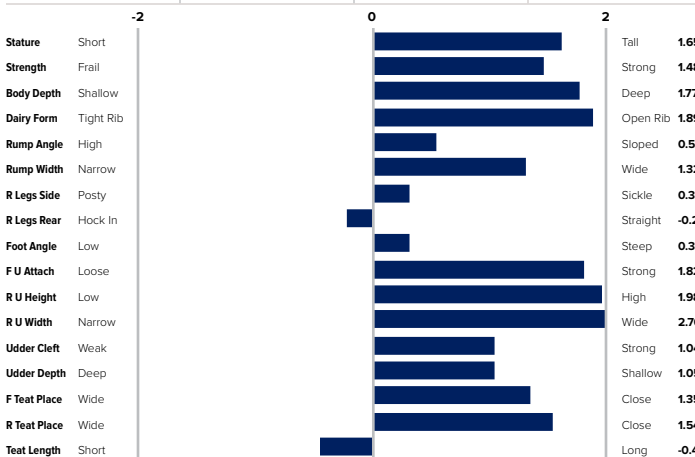
FEED EFFICIENCY

Feed Saved	-225	MUN	0.1
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CONFORMATION

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

PTAT	1.48	FLC	-0.19	UDC	1.50	LOC	101
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CRV EFFICIENCY 14%

Longevity	303
Feed Efficiency	108
CFP	143

CRV HEALTH 2%

Hoof Health	100
Udder Health	99
Fertility	100

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	810	SCS	2.83
Fat	89	Fat %	0.20
Protein	54	Protein %	0.10

HEALTH TRAITS

PL	4.6	Livability	2.1
Clinical Mastitis	1.5	Subclinical Mastitis	100
Temperament	105	Persistency	105
Ketosis	2.2		

CALVING TRAITS

Calf Survival	102	SCE	2.2
BW	103	EFC	2
DCE	2.3		

INDEXES

CM\$	881	NVI	221
NM\$	861	GM\$	771
FM\$	717	GTPI	2753

MILK ROBOT

Efficiency	104	Interval	99
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CDCB HEALTH

Metritis	1.4	DA	0.7
Retained Placenta	0.2	Milk Fever	0.0

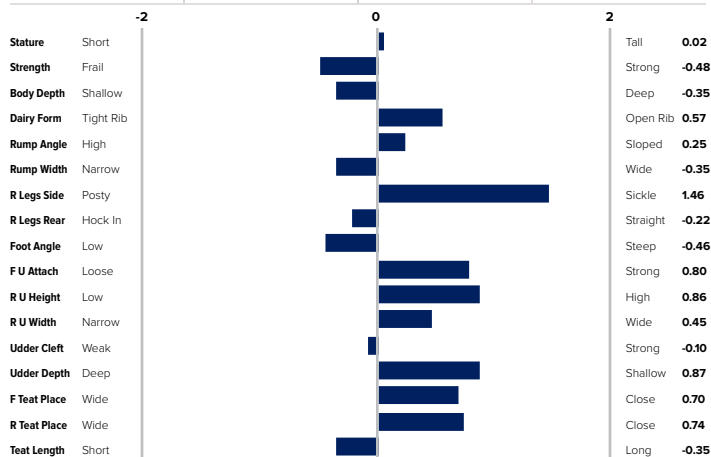
FEED EFFICIENCY

Feed Saved	67	MUN	0.2
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CONFORMATION

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

PTAT	0.52	FLC	0.17	UDC	0.72	LOC	97
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097HO42530 PUKKA

NEW



Pukka

TTM LEGACY PUKKA-ET

Legacy x Kennedy x Rubicon
HO840003210987542

DOB: 11/10/19

aAa: 216345

99% RHA

DMS: 345,456

Beta Casein: A1A2

Kappa Casein: AE

Sire: Pine-Tree Cw Legacy-ET

Dam: TTM Kennedy Amaze-ET

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	306
Feed Efficiency	108
CFP	115

CRV HEALTH 6%

Hoof Health	101
Udder Health	103
Fertility	107

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	104	SCS	2.75
Fat	92	Fat %	0.31
Protein	23	Protein %	0.07

HEALTH TRAITS

PL	6.5	Livability	2.5
Clinical Mastitis	1.5	Subclinical Mastitis	104
Temperament	105	Persistency	106
Ketosis	1.7		

CALVING TRAITS

Calf Survival	-	SCE	1.7
BW	97	EFC	2
DCE	2.2		

INDEXES

CM\$	941	NVI	246
NM\$	924	GM\$	929
FM\$	824	GTPI	2836

MILK ROBOT

Efficiency	102	Interval	99
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FERTILITY

DPR	2.3	HCR	3.4
SSB	5.1	CCR	3.9
DSB	4.5	SCR	-

CDCB HEALTH

Metritis	1.2	DA	0.4
Retained Placenta	0.0	Milk Fever	0.0

FEED EFFICIENCY

Feed Saved	219	MUN	-0.1
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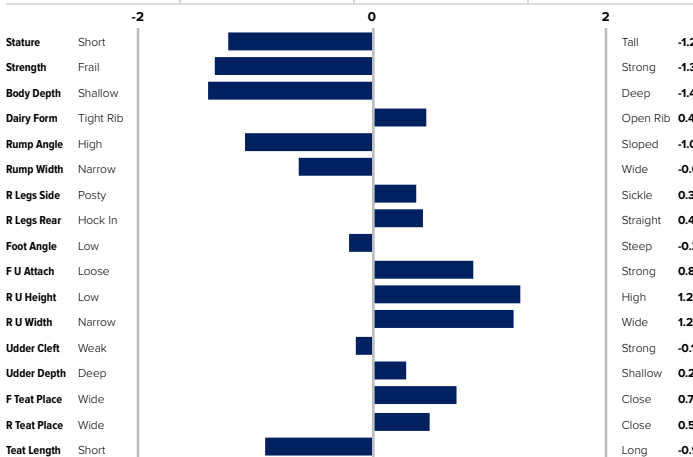
Birth Index

Birth Index	105	Gest. Length	-1.5
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CONFORMATION

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

PTAT	0.51	FLC	0.79	UDC	1.10	LOC	100
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CRV EFFICIENCY 11%

Longevity	264
Feed Efficiency	105
CFP	163

CRV HEALTH 2%

Hoof Health	100
Udder Health	103
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	344	SCS	2.64
Fat	120	Fat %	0.38
Protein	43	Protein %	0.11

HEALTH TRAITS

PL	3.0	Livability	-0.3
Clinical Mastitis	1.4	Subclinical Mastitis	103
Temperament	102	Persistency	100
Ketosis	1.5		

CALVING TRAITS

Calf Survival	97	SCE	2.3
BW	100	EFC	-1
DCE	2.8		

INDEXES

CM\$	866	NVI	213
NM\$	840	GM\$	764
FM\$	676	GTPI	2797

MILK ROBOT

Efficiency	99	Interval	101
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FERTILITY

DPR	-2.6	HCR	-1.1
SSB	5.5	CCR	-2.1
DSB	5.7	SCR	-1.4

CDCB HEALTH

Metritis	0.8	DA	0.6
Retained Placenta	0.3	Milk Fever	0.1

FEED EFFICIENCY

Feed Saved	26	MUN	0.0
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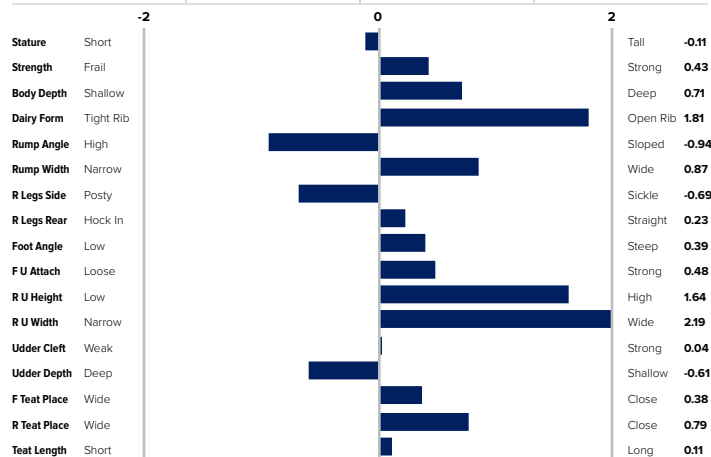
Birth Index

Birth Index	104	Gest. Length	-0.6
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CONFORMATION

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

PTAT	0.96	FLC	0.35	UDC	0.95	LOC	97
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097HO42071 LANGLEY

PROVEN



Langley

PEAK LANGLEY-ET
 Hotline x Delta x
 Supersire
 HO840003140986357
DOB: 5/7/17
aAa: 435216
100% RHA
DMS: 456,246
GFI: 10.9%
HH1
Beta Casein: A2A2
Kappa Casein: AA
Sire: Peak Hotline-ET
Dam: OCD Lavish-ET GP-83
Pro: 2-06 2X 365 26,840M 4.3
 1142F 3.7 983P

CRV EFFICIENCY 13%

Longevity	206
Feed Efficiency	106
CFP	154

CRV HEALTH 4%

Hoof Health	99
Udder Health	99
Fertility	102

PREMIUM MILK

Pro Daughters: 59 • Herds: 13 • 91% Rel

Milk	1185	SCS	3.06
Fat	96	Fat %	0.17
Protein	58	Protein %	0.07

HEALTH TRAITS

PL	0.6	Livability	-2.7
Clinical Mastitis	-0.7	Subclinical Mastitis	100
Temperament	100	Persistency	104
Ketosis	1.3		

CALVING TRAITS

Calf Survival	100	SCE	1.9
BW	96	EFC	3
DCE	2.2		

INDEXES

CM\$	714	NVI	248
NM\$	702	GM\$	684
FM\$	599	GTPI	2749

MILK ROBOT

Efficiency	104	Interval	100
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FERTILITY

DPR	-1.9	HCR	-0.2
SSB	5.4	CCR	-1.4
DSB	4.5	SCR	-
Birth Index	108	Gest. Length	-1.7

CDCB HEALTH

Metritis	1.6	DA	0.4
Retained Placenta	0.3	Milk Fever	0.1

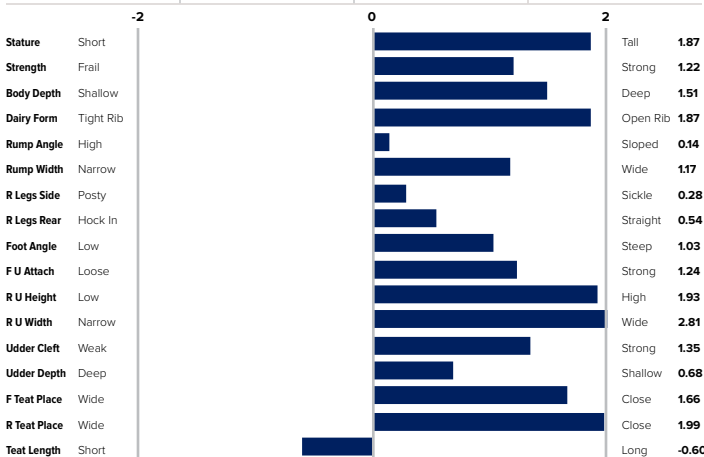
FEED EFFICIENCY

Feed Saved	0	MUN	1.1
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CONFORMATION

Conf Daughters: 0 • Herds: 0 • 81% Rel

PTAT	1.44	FLC	0.21	UDC	1.30	LOC	99
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097HO41774 HOTLINE

PROVEN



Dryhouse M Hotline Quana EX-90, Daughter

PEAK HOTLINE-ET
 AltaHotRod x Mogul x
 Man O Man
 HO840003129128855
DOB: 7/6/15
aAa: 321465
100% RHA
DMS: 126,246
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

CRV EFFICIENCY 8%

Longevity	-63
Feed Efficiency	105
CFP	133

CRV HEALTH 2%

Hoof Health	101
Udder Health	100
Fertility	100

PREMIUM MILK

Pro Daughters: 6058 • Herds: 1721 • 99% Rel

Milk	950	SCS	3.05
Fat	85	Fat %	0.17
Protein	48	Protein %	0.06

HEALTH TRAITS

PL	-2.6	Livability	-5.4
Clinical Mastitis	0.7	Subclinical Mastitis	101
Temperament	96	Persistency	102
Ketosis	0.4		

CALVING TRAITS

Calf Survival	97	SCE	1.8
BW	99	EFC	6
DCE	1.8		

INDEXES

CM\$	456	NVI	248
NM\$	446	GM\$	446
FM\$	357	GTPI	2696

MILK ROBOT

Efficiency	101	Interval	96
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FERTILITY

DPR	-3.0	HCR	0.4
SSB	6.6	CCR	-3.8
DSB	5.4	SCR	-1.5
Birth Index	106	Gest. Length	-1.8

CDCB HEALTH

Metritis	0.8	DA	-0.2
Retained Placenta	0.0	Milk Fever	0.0

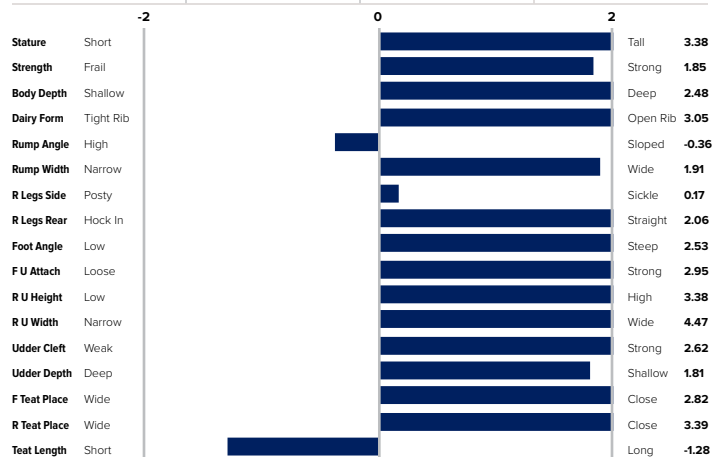
FEED EFFICIENCY

Feed Saved	-85	MUN	1.7
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CONFORMATION

Conf Daughters: 3600 • Herds: 1133 • 98% Rel

PTAT	2.89	FLC	1.29	UDC	2.40	LOC	106
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097HO42356 CAMDEN



Camden

PEAK CAMDEN-ET
AltaRobert x Jedi x Yoder
HO840003205436450
Sire: Schoene-Kuh AltaRobert-ET
Dam: Top-Gun Charlie

DOB: 4/30/19
aAa: 234156
99% RHA
GFI: 10.5%
Beta Casein: A2A2
Kappa Casein: AB

CRV HEALTH 4%

Hoof Health	102	Udder Health	99
Fertility	103		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1024	SCS	2.88
Fat	71	Fat %	0.11
Protein	49	Protein %	0.06

MILK ROBOT

Efficiency	105	Interval	100
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INDEXES

CM\$	812	NVI	190
NM\$	799	GM\$	797
FM\$	710	GTPI	2796

FEED EFFICIENCY

Feed Saved	-113	MUN	0.0
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CRV EFFICIENCY 9%

Longevity	505	Feed Efficiency	9
CFP	120		

HEALTH TRAITS

PL	5.1	Livability	2.8
Clinical Mastitis	0.7	Subclinical Mastitis	100
Temperament	108	Persistence	103
Ketosis	1.6		

CALVING TRAITS

Calf Survival	96	SCE	1.9
BW	98	EFC	2
DCE	1.9		

FERTILITY

DPR	2.1	HCR	3.5
SSB	4.9	CCR	4.3
DSB	4.0	SCR	-
Birth Index	105	Gestation Length	-1.1

CDCB HEALTH

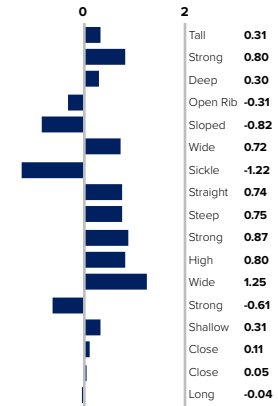
Metritis	1.0
Retained Placenta	0.1
DA	0.7
Milk Fever	0.2

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	0.59	FLC	0.32
UDC	0.60	LOC	102



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 • 81% Rel

Milk	933	SCS	2.81
Fat	64	Fat %	0.10
Protein	50	Protein %	0.07

MILK ROBOT

Efficiency	107	Interval	98
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INDEXES

CM\$	824	NVI	209
NM\$	808	GM\$	777
FM\$	699	GTPI	2757

FEED EFFICIENCY

Feed Saved	160	MUN	-0.1
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CRV EFFICIENCY 14%

Longevity	477	Feed Efficiency	14
CFP	114		

HEALTH TRAITS

PL	5.3	Livability	1.6
Clinical Mastitis	0.2	Subclinical Mastitis	103
Temperament	103	Persistence	111
Ketosis	1.2		

CALVING TRAITS

Calf Survival	101	SCE	2.4
BW	102	EFC	0
DCE	2.3		

FERTILITY

DPR	0.5	HCR	2.4
SSB	6.4	CCR	2.3
DSB	5.1	SCR	-1.1
Birth Index	102	Gestation Length	0.9

CDCB HEALTH

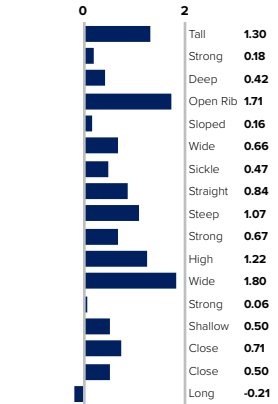
Metritis	0.2
Retained Placenta	0.2
DA	0.5
Milk Fever	0.1

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 • 78% Rel

PTAT	1.25	FLC	0.81
UDC	0.72	LOC	98



097HO42339 GROOT



Groot

DENOVO GROOT-ET
Glitz x Frazzled x Delta
HO840003204165022
Sire: Denovo 7947 Glitz-ET
Dam: De-Su Frazzled 6984-ET

DOB: 3/17/19
99% RHA
GFI: 11.0%
Beta Casein: A2A2
Kappa Casein: BE

CRV HEALTH 8%

Hoof Health	103	Udder Health	103
Fertility	106		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	1143	SCS	2.74
Fat	48	Fat %	0.01
Protein	44	Protein %	0.03

MILK ROBOT

Efficiency	98	Interval	100
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INDEXES

CM\$	792	NVI	242
NM\$	781	GM\$	712
FM\$	728	GTPI	2744

FEED EFFICIENCY

Feed Saved	-50	MUN	0.3
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CRV EFFICIENCY 11%

Longevity	620	Feed Efficiency	11
CFP	92		

HEALTH TRAITS

PL	7.0	Livability	2.8
Clinical Mastitis	2.2	Subclinical Mastitis	104
Temperament	103	Persistence	103
Ketosis	1.9		

CALVING TRAITS

Calf Survival	99	SCE	2.1
BW	96	EFC	5
DCE	1.8		

FERTILITY

DPR	0.9	HCR	0.7
SSB	5.7	CCR	3.3
DSB	3.7	SCR	-0.2
Birth Index	110	Gestation Length	-2.2

CDCB HEALTH

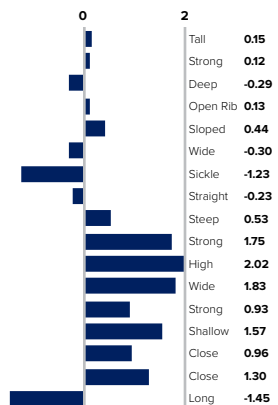
Metritis	0.9
Retained Placenta	0.0
DA	0.2
Milk Fever	0.2

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	0.98	FLC	-0.10
UDC	1.68	LOC	97



097HO41744 LIGERO



No-Fla Shine-ET GP-83,Dam

PROVEN

PEAK LIGERO-ET

Yoder x Supersire x Massey
HO840003129128788

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

DOB: 5/12/15

aAa: 243651

96% RHA

DMS: 561,456

GFI: 9.8%

Beta Casein: A1A2

Kappa Casein: AE

CRV HEALTH 2%

Hoof Health	99	Udder Health	101
Fertility	100		

PREMIUM MILK

Pro Daughters: 516 • Herds: 58 • 98% Rel

Milk	1360	SCS	2.82
Fat	86	Fat %	0.11
Protein	45	Protein %	0.01

MILK ROBOT

Efficiency	103	Interval	99
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INDEXES

CM\$	821	NVI	172
NM\$	816	GM\$	775
FM\$	790	GTPI	2725

FEED EFFICIENCY

Feed Saved	145	MUN	-0.3
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CRV EFFICIENCY 15%

Longevity	338	Feed Efficiency	15
CFP	131		

HEALTH TRAITS

PL	3.6	Livability	2.0
Clinical Mastitis	1.7	Subclinical Mastitis	102
Temperament	103	Persistency	106
Ketosis	1.5		

CALVING TRAITS

Calf Survival	91	SCE	1.8
BW	98	EFC	1
DCE	2.0		

FERTILITY

DPR	-0.9	HCR	2.3
SSB	5.0	CCR	0.2
DSB	4.0	SCR	-
Birth Index	107	Gestation Length	0.4

CDCB HEALTH

Metritis	0.8
Retained Placenta	-0.2
DA	0.6
Milk Fever	0.2

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: 160 • Herds: 12 • 95% Rel

PTAT	0.43	FLC	0.66
UDC	0.36	LOC	99

097HO42013 MATCHUP



Brynhill Ransom Marquise-ET GP-83,Granddam

PROVEN

PEAK MATCHUP-ET

AltaTopshot x Delta x Ransom
HO840003142181270

Sire: Bomaz AltaTopshot-ET
Dam: Peak Medallion-ET GP-81

DOB: 2/28/17

aAa: 165243

99% RHA

DMS: 345,135

GFI: 11.1%

Beta Casein: A2A2

Kappa Casein: BB

CRV HEALTH 6%

Hoof Health	102	Udder Health	101
Fertility	102		

PREMIUM MILK

Pro Daughters: 14 • Herds: 7 • 86% Rel

Milk	1476	SCS	2.85
Fat	62	Fat %	0.02
Protein	48	Protein %	0.01

MILK ROBOT

Efficiency	101	Interval	102
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INDEXES

CM\$	793	NVI	239
NM\$	788	GM\$	723
FM\$	766	GTPI	2685

FEED EFFICIENCY

Feed Saved	1	MUN	0.3
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CRV EFFICIENCY 14%

Longevity	335	Feed Efficiency	14
CFP	110		

HEALTH TRAITS

PL	5.4	Livability	3.0
Clinical Mastitis	1.7	Subclinical Mastitis	102
Temperament	105	Persistency	102
Ketosis	1.3		

CALVING TRAITS

Calf Survival	98	SCE	1.6
BW	96	EFC	4
DCE	1.4		

FERTILITY

DPR	0.0	HCR	1.0
SSB	5.0	CCR	1.4
DSB	4.0	SCR	-0.4
Birth Index	111	Gestation Length	-3.6

CDCB HEALTH

Metritis	1.1
Retained Placenta	0.1
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 • 81% Rel

PTAT	0.13	FLC	0.02
UDC	0.65	LOC	99

097HO42039 AMPLUS



Westcoast Monterey Alexa289-ET,Dam

PROVEN

PEAK AMPLUS-ET

Lylas x Monterey x Supersire
HO840003143160100

Sire: Fustead Tango Lylas-ET
Dam: Westcoast Monterey Alexal 289

DOB: 3/24/18

aAa: 534162

99% RHA

DMS: 345,135

GFI: 10.3%

HH2

Beta Casein: A1A2

Kappa Casein: AB

CRV HEALTH 5%

Hoof Health	99	Udder Health	103
Fertility	106		

PREMIUM MILK

Pro Daughters: 43 • Herds: 2 • 90% Rel

Milk	643	SCS	2.79
Fat	62	Fat %	0.13
Protein	32	Protein %	0.04

MILK ROBOT

Efficiency	100	Interval	100
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INDEXES

CM\$	686	NVI	224
NM\$	675	GM\$	690
FM\$	609	GTPI	2644

FEED EFFICIENCY

Feed Saved	158	MUN	0.2
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CRV EFFICIENCY 15%

Longevity	342	Feed Efficiency	15
CFP	94		

HEALTH TRAITS

PL	3.4	Livability	-0.6
Clinical Mastitis	0.5	Subclinical Mastitis	103
Temperament	102	Persistency	107
Ketosis	0.8		

CALVING TRAITS

Calf Survival	99	SCE	2.0
BW	95	EFC	4
DCE	1.9		

FERTILITY

DPR	1.2	HCR	2.8
SSB	5.6	CCR	1.8
DSB	3.0	SCR	-0.8
Birth Index	112	Gestation Length	-1.2

CDCB HEALTH

Metritis	0.8
Retained Placenta	-0.2
DA	0.1
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 • 81% Rel

PTAT	0.83	FLC	0.44
UDC	0.88	LOC	97

097HO42265 **BANNER**



Banner

MAPLEHURST BANNER-ET
Crimson x Blowtorch x Josuper
HO840003205027117
Sire: ABS Crimson-ET
Dam: Maplehurst Btorch 4343-ET

DOB: 1/16/19
99% RHA
DMS: 561,135
GFI: 9.8%
Beta Casein: A2A2
Kappa Casein: BB

CRV HEALTH 0%

Hoof Health	96	Udder Health	99
Fertility	99		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	1637	SCS	2.80
Fat	97	Fat %	0.12
Protein	60	Protein %	0.03

MILK ROBOT

Efficiency	100	Interval	101
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INDEXES

CM\$	746	NVI	172
NM\$	736	GM\$	640
FM\$	678	GTPI	2769

FEED EFFICIENCY

Feed Saved	-294	MUN	-0.2
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CRV EFFICIENCY 8%

Longevity	172	Feed Efficiency	8
CFP	157		

HEALTH TRAITS

PL	3.4	Livability	-0.5
Clinical Mastitis	0.8	Subclinical Mastitis	100
Temperament	106	Persistence	104
Ketosis	1.6		

CALVING TRAITS

Calf Survival	103	SCE	2.4
BW	99	EFC	4
DCE	2.4		

FERTILITY

DPR	-2.2	HCR	0.9
SSB	6.4	CCR	-0.7
DSB	6.0	SCR	0.8
Birth Index	102	Gestation Length	-0.6

CDCB HEALTH

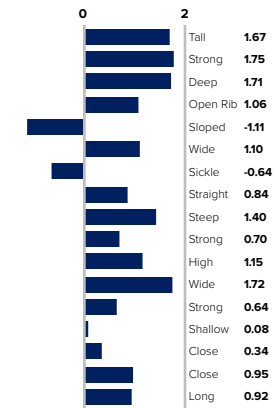
Metritis	0.4
Retained Placenta	-0.3
DA	0.6
Milk Fever	0.0

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 • 79% Rel

PTAT	1.22	FLC	0.05
UDC	0.52	LOC	97



097HO42106 **LUKAKU**



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

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

CRV HEALTH 5%

Hoof Health	99	Udder Health	103
Fertility	104		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	1096	SCS	2.81
Fat	71	Fat %	0.10
Protein	34	Protein %	0.00

MILK ROBOT

Efficiency	96	Interval	99
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INDEXES

CM\$	765	NVI	263
NM\$	761	GM\$	680
FM\$	750	GTPI	2701

FEED EFFICIENCY

Feed Saved	64	MUN	-0.1
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CRV EFFICIENCY 14%

Longevity	397	Feed Efficiency	14
CFP	105		

HEALTH TRAITS

PL	5.2	Livability	3.6
Clinical Mastitis	0.8	Subclinical Mastitis	103
Temperament	103	Persistence	108
Ketosis	0.9		

CALVING TRAITS

Calf Survival	100	SCE	1.5
BW	97	EFC	1
DCE	1.2		

FERTILITY

DPR	-0.7	HCR	0.1
SSB	5.0	CCR	0.1
DSB	4.1	SCR	-0.3
Birth Index	109	Gestation Length	-1.6

CDCB HEALTH

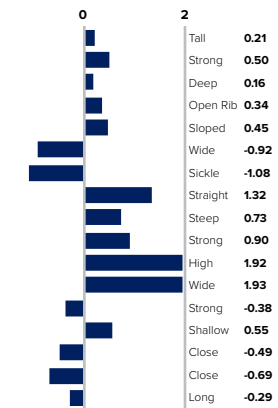
Metritis	0.9
Retained Placenta	0.1
DA	0.4
Milk Fever	0.2

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	1.18	FLC	1.05
UDC	1.07	LOC	102



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

CRV HEALTH 4%

Hoof Health	100	Udder Health	102
Fertility	101		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	537	SCS	2.54
Fat	77	Fat %	0.20
Protein	28	Protein %	0.04

MILK ROBOT

Efficiency	102	Interval	100
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INDEXES

CM\$	739	NVI	119
NM\$	722	GM\$	647
FM\$	652	GTPI	2682

FEED EFFICIENCY

Feed Saved	-169	MUN	0.1
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CRV EFFICIENCY 4%

Longevity	195	Feed Efficiency	4
CFP	105		

HEALTH TRAITS

PL	5.9	Livability	2.4
Clinical Mastitis	3.2	Subclinical Mastitis	103
Temperament	105	Persistence	103
Ketosis	2.5		

CALVING TRAITS

Calf Survival	102	SCE	2.3
BW	98	EFC	1
DCE	2.4		

FERTILITY

DPR	0.3	HCR	1.3
SSB	5.7	CCR	1.9
DSB	4.9	SCR	-
Birth Index	108	Gestation Length	-0.8

CDCB HEALTH

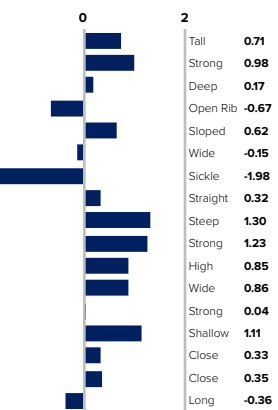
Metritis	0.4
Retained Placenta	-0.2
DA	1.0
Milk Fever	0.1

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 • 79% Rel

PTAT	0.49	FLC	-0.13
UDC	0.76	LOC	99



097HO42354 MAINLINE



Mainline

RONJANCO MAINLINE-ET
Sassafra x Achiever x Josuper
HO840003135379083

Sire: ABS Sassafra-ET
Dam: Ronjanco AC 295 44IF-ET

DOB: 6/2/19
99% RHA
GFI: 9.7%
Beta Casein: A1A2
Kappa Casein: AE

CRV HEALTH 7%

Hoof Health	103	Udder Health	102
Fertility	107		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	179	SCS	2.91
Fat	98	Fat %	0.32
Protein	24	Protein %	0.07

MILK ROBOT

Efficiency	101	Interval	100
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INDEXES

CM\$	843	NVI	246
NM\$	831	GM\$	821
FM\$	741	GTPI	2739

FEED EFFICIENCY

Feed Saved	155	MUN	0.2
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CRV EFFICIENCY 10%

Longevity	396	Feed Efficiency	10
CFP	122		

HEALTH TRAITS

PL	4.4	Livability	2.1
Clinical Mastitis	1.0	Subclinical Mastitis	102
Temperament	103	Persistence	106
Ketosis	2.1		

CALVING TRAITS

Calf Survival	100	SCE	1.5
BW	96	EFC	0
DCE	1.7		

FERTILITY

DPR	0.7	HCR	1.5
SSB	5.3	CCR	2.0
DSB	3.6	SCR	-
Birth Index	106	Gestation Length	-2.2

CDCB HEALTH

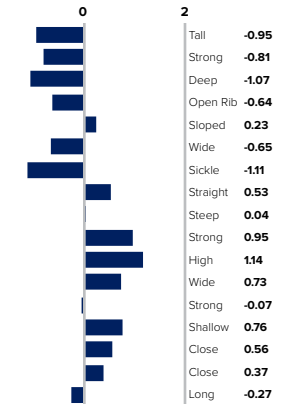
Metritis	1.5
Retained Placenta	0.0
DA	0.7
Milk Fever	0.0

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 • 78% Rel

PTAT	0.28	FLC	0.46
UDC	1.06	LOC	102



097HO42267 VENITO



Eildon-Tweed Jedi Bikini-ET, Dam

PROGENESIS VENITO-ET
Challenger x Jedi x Tatum
HOCAN000013269232

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

DOB: 10/29/18
aAa: 432516
99% RHA
GFI: 10.4%
Beta Casein: A1A2
Kappa Casein: BB

CRV HEALTH 8%

Hoof Health	102	Udder Health	103
Fertility	109		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	992	SCS	2.78
Fat	60	Fat %	0.08
Protein	46	Protein %	0.05

MILK ROBOT

Efficiency	100	Interval	102
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INDEXES

CM\$	899	NVI	254
NM\$	885	GM\$	917
FM\$	802	GTPI	2853

FEED EFFICIENCY

Feed Saved	54	MUN	0.3
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CRV EFFICIENCY 12%

Longevity	373	Feed Efficiency	12
CFP	106		

HEALTH TRAITS

PL	6.6	Livability	3.1
Clinical Mastitis	1.8	Subclinical Mastitis	102
Temperament	104	Persistence	103
Ketosis	1.5		

CALVING TRAITS

Calf Survival	97	SCE	1.7
BW	98	EFC	0
DCE	1.3		

FERTILITY

DPR	3.9	HCR	0.4
SSB	5.9	CCR	5.6
DSB	3.7	SCR	-
Birth Index	108	Gestation Length	-0.6

CDCB HEALTH

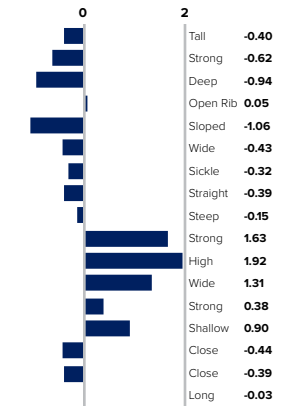
Metritis	2.9
Retained Placenta	0.5
DA	0.1
Milk Fever	0.0

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 • 79% Rel

PTAT	0.66	FLC	-0.16
UDC	1.40	LOC	97



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	100
Fertility	106		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	1394	SCS	2.84
Fat	73	Fat %	0.07
Protein	48	Protein %	0.02

MILK ROBOT

Efficiency	99	Interval	97
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INDEXES

CM\$	785	NVI	197
NM\$	778	GM\$	765
FM\$	744	GTPI	2745

FEED EFFICIENCY

Feed Saved	-74	MUN	0.3
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CRV EFFICIENCY 8%

Longevity	272	Feed Efficiency	8
CFP	121		

HEALTH TRAITS

PL	4.9	Livability	0.1
Clinical Mastitis	0.5	Subclinical Mastitis	102
Temperament	102	Persistence	103
Ketosis	1.5		

CALVING TRAITS

Calf Survival	96	SCE	1.5
BW	97	EFC	2
DCE	1.4		

FERTILITY

DPR	1.3	HCR	1.6
SSB	5.5	CCR	3.5
DSB	4.1	SCR	0.4
Birth Index	105	Gestation Length	-0.5

CDCB HEALTH

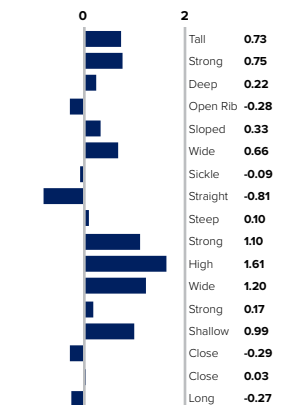
Metritis	1.5
Retained Placenta	0.5
DA	0.8
Milk Fever	0.2

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 • 81% Rel

PTAT	0.67	FLC	-0.78
UDC	0.95	LOC	98



097HO42312 BULLRUSH



Bullrush

PEAK BULLRUSH-ET

Positive x Delta x Supersire
HO840003200824612

Sire: Progenesis Positive
Dam: Pine-Tree Delilah-ET
Pro: 2-05 2X 305 24,080M 4.6 1108F
3.2 769P

DOB: 12/9/18
aAa: 312456
100% RHA
GFI: 10.0%
Beta Casein: A2A2
Kappa Casein: BB

CRV HEALTH 2%

Hoof Health	98	Udder Health	103
Fertility	102		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	876	SCS	3.00
Fat	92	Fat %	0.20
Protein	46	Protein %	0.07

MILK ROBOT

Efficiency	99	Interval	101
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INDEXES

CM\$	699	NVI	222
NM\$	688	GM\$	622
FM\$	596	GTPI	2741

FEED EFFICIENCY

Feed Saved	-111	MUN	0.3
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CRV EFFICIENCY 14%

Longevity	284	Feed Efficiency	14
CFP	138		

HEALTH TRAITS

PL	2.9	Livability	-0.7
Clinical Mastitis	0.0	Subclinical Mastitis	103
Temperament	104	Persistence	100
Ketosis	1.3		

CALVING TRAITS

Calf Survival	95	SCE	2.1
BW	100	EFC	2
DCE	2.2		

FERTILITY

DPR	-1.9	HCR	0.2
SSB	5.7	CCR	-0.7
DSB	6.1	SCR	1.7
Birth Index	103	Gestation Length	-0.9

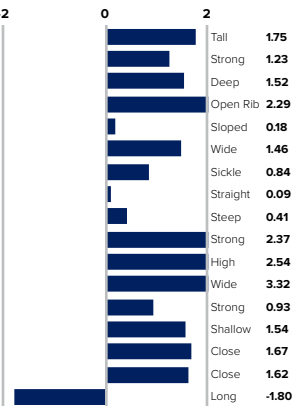
CDCB HEALTH

Metritis	0.3
Retained Placenta	-0.2
DA	0.3
Milk Fever	0.3

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	1.82	FLC	0.13
UDC	1.89	LOC	95



097HO42038 FUMAGALLI



Gil-Gar Mogul Frugil-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 5%

Hoof Health	104	Udder Health	103
Fertility	106		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 83% Rel

Milk	929	SCS	2.77
Fat	65	Fat %	0.10
Protein	38	Protein %	0.03

MILK ROBOT

Efficiency	102	Interval	101
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INDEXES

CM\$	617	NVI	179
NM\$	606	GM\$	519
FM\$	552	GTPI	2685

FEED EFFICIENCY

Feed Saved	-140	MUN	0.1
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CRV EFFICIENCY 4%

Longevity	389	Feed Efficiency	4
CFP	103		

HEALTH TRAITS

PL	3.7	Livability	1.0
Clinical Mastitis	2.5	Subclinical Mastitis	103
Temperament	107	Persistence	103
Ketosis	1.8		

CALVING TRAITS

Calf Survival	99	SCE	2.5
BW	102	EFC	3
DCE	2.2		

FERTILITY

DPR	-1.6	HCR	1.3
SSB	6.3	CCR	-1.2
DSB	6.3	SCR	-1.9
Birth Index	102	Gestation Length	-0.5

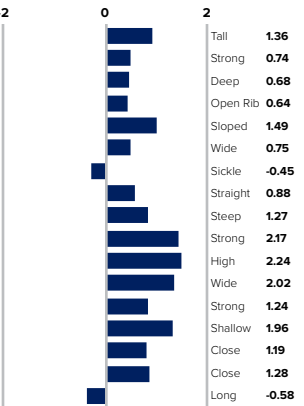
CDCB HEALTH

Metritis	0.5
Retained Placenta	0.2
DA	0.9
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 • 81% Rel			
PTAT	1.86	FLC	0.90
UDC	1.77	LOC	100



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	98
Fertility	100		

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	1224	SCS	3.10
Fat	63	Fat %	0.05
Protein	42	Protein %	0.01

MILK ROBOT

Efficiency	108	Interval	96
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INDEXES

CM\$	492	NVI	145
NM\$	491	GM\$	413
FM\$	469	GTPI	2641

FEED EFFICIENCY

Feed Saved	-44	MUN	0.2
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CRV EFFICIENCY 10%

Longevity	149	Feed Efficiency	10
CFP	105		

HEALTH TRAITS

PL	1.5	Livability	-3.1
Clinical Mastitis	-1.3	Subclinical Mastitis	99
Temperament	101	Persistence	108
Ketosis	1.2		

CALVING TRAITS

Calf Survival	98	SCE	2.3
BW	100	EFC	2
DCE	2.2		

FERTILITY

DPR	-3.0	HCR	0.5
SSB	5.9	CCR	-3.4
DSB	5.6	SCR	-0.6
Birth Index	100	Gestation Length	1.3

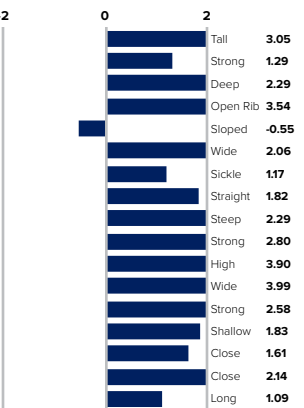
CDCB HEALTH

Metritis	0.7
Retained Placenta	0.1
DA	0.1
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 • 81% Rel			
PTAT	3.38	FLC	1.52
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
097HO42510	FUGLEMAN	A1A2	BB	-	-	Altazazzle x Positive x Medley	0	0	3	100	102	2.0	5.8	16	-0.10	-
097HO42425	ENGINEER	A2A2	AB	351426	561	Pursuit x Prophecy x Delta	0	0	3	101	100	1.6	6.6	12	0.30	106
097HO42536	CURVEBALL	A2A2	AB	243615	345,456	Fastball x Altatopshot x Mr Mogul Delta	0	0	5	100	103	1.7	6.0	14	0.00	101
097HO42435	OFFSIDE	A2A2	BB	-	-	AltaLawson x Achiever x Delta	0	0	2	99	97	2.0	6.5	16	0.20	105
097HO42368	HONEYCOMB	A2A2	BB	342516	345,234	AltaZarek x Prophecy x Delta	0	0	5	102	103	1.4	6.7	14	0.10	112
097HO42509	TOMBOLA	A2A2	AB	-	-	Altazazzle x Achiever x Silver	0	0	4	100	104	1.7	4.0	13	0.20	99
097HO42538	GONZO	A2A2	AB	-	-	Altazazzle x Positive x Modesty	0	0	6	101	105	1.9	5.7	14	0.10	105
097HO42537	FACTOTUM	A1A2	BB	-	-	Altazazzle x Positive x Medley	0	0	6	102	102	1.6	5.7	10	0.00	-
097HO42479	GOGETA	A1A2	BB	-	-	Maestro x Marius x Delta	0	0	3	101	100	2.0	5.0	14	0.20	108
097HO42367	HALFTIME	A1A2	BB	342156	123,126	Gamechanger x Achiever x Delta	0	0	5	104	100	2.1	5.6	16	-0.10	107
097HO42424	UPSWING	A2A2	AB	243	-	Pursuit x Duke x Rubicon	0	0	6	101	103	2.1	5.5	12	-0.10	108
097HO42531	YAMCHA	A2A2	AB	234165	-	Heroic x Medley x Profit	0	0	7	100	103	2.1	5.9	18	0.00	105
097HO42422	FERRY	A1A2	AB	243156	345,135	Merrimac x Frazzled x Silver	0	0	4	100	100	2.1	5.4	7	0.30	105
097HO42478	GOKU	A1A2	BB	423165	561,456	Maestro x Marius x Altatopshot	0	0	8	106	103	2.3	5.8	10	0.00	104
097HO42480	JUMANJI	A2A2	AB	432516	-	Crimson x Achiever x Josuper	0	0	6	102	100	1.9	5.4	7	0.40	102
097HO42366	FLIGHTPLAN	A2A2	AB	312546	345,234	Legacy x Delta x Supersire	0	0	3	103	101	1.7	7.9	16	0.10	109
097HO42530	PUKKA	A1A2	AE	216345	345,456	Legacy x Kennedy x Rubicon	0	0	6	103	101	1.7	6.5	13	-0.10	106
097HO42464	INTRICATE	A2A2	AB	-	-	Pursuit x Achiever x Delta	0	0	5	102	103	2.0	5.0	13	0.30	102
097HO42437	ESCAPADE	A2A2	BB	234156	126,561	Acura x Samaritan x Achiever	0	0	6	103	101	2.2	4.1	18	0.40	-
097HO42267	VENITO	A1A2	BB	432516	-	Challenger x Jedi x Tatum	0	0	8	103	102	1.5	6.6	12	0.30	103
097HO42436	SPARKPLUG	A1A2	AB	435126	345,135	Entity x Copycat x Spring	0	0	4	101	100	1.4	3.7	10	0.30	101
097HO42234	MORANT	A2A2	AB	243156	-	AltaMontoya x Modesty x Jabir	0	0	2	99	100	2.2	4.6	14	0.20	105
097HO42423	MARTINI	A2A2	AA	-	-	Milktime x Frazzled x Montross	0	0	1	102	104	2.5	5.9	10	-0.30	104
097HO42266	SHAWARMA	A2A2	BB	435216	-	Milktime x Jedi x Yoder	0	0	4	104	100	1.6	5.7	13	0.20	102
097HO42341	PINE	A2A2	AB	-	-	Achiever x Duke x Supersire	0	0	2	103	100	1.5	3.0	11	0.00	100
097HO42354	MAINLINE	A1A2	AE	-	-	Sassafra x Achiever x Josuper	0	0	7	102	103	2.1	4.4	10	0.20	106
097HO42337	MATOS	A2A2	AA	-	-	AltaLiaison x Denver x Balisto	0	0	1	102	97	1.2	5.3	14	-0.10	111
097HO41744	LIGERO	A1A2	AE	243651	561,456	Yoder x Supersire x Massey	516	58	2	101	99	1.5	3.6	15	-0.30	106
097HO42535	KRILLIN	A2A2	AB	432165	-	Positive x Magnus x Amrc	0	0	4	103	103	1.4	2.5	13	0.10	103
097HO42356	CAMDEN	A2A2	AB	234156	-	AltaRobert x Jedi x Yoder	0	0	4	99	102	1.6	5.1	9	0.00	103
097HO42013	MATCHUP	A2A2	BB	165243	345,135	AltaTopshot x Delta x Ransom	14	7	6	101	102	1.3	5.4	14	0.30	102
097HO42339	GROOT	A2A2	BE	-	-	Glitz x Frazzled x Delta	0	0	8	103	103	1.9	7.0	11	0.30	103
097HO42167	MAXIMO	A1A2	AB	432516	345,234	Imax x Jedi x Halogen	0	0	4	100	100	1.5	4.9	8	0.30	103
097HO42106	LUKAKU	A1A2	AE	423615	345,456	Eldorado x Rubicon x McCutchen	0	0	5	103	99	0.9	5.2	14	-0.10	108
097HO42265	BANNER	A2A2	BB	-	561,135	Crimson x Blowtorch x Josuper	0	0	0	99	96	1.6	3.4	8	-0.20	104
097HO42338	COUNCIL	A2A2	AB	-	-	Crimson x Frazzled x Delta	0	0	4	102	100	2.5	5.9	4	0.10	103
097HO42071	LANGLEY	A2A2	AA	435216	456,246	Hotline x Delta x Supersire	59	13	4	99	99	1.3	0.6	13	1.10	104
097HO42312	BULLRUSH	A2A2	BB	312456	-	Positive x Delta x Supersire	0	0	2	103	98	1.3	2.9	14	0.30	100
097HO42039	AMPLUS	A1A2	AB	534162	345,135	Lylas x Monterey x Supersire	43	2	5	103	99	0.8	3.4	15	0.20	107
097HO42038	FUMAGALLI	A2A2	AB	435216	234,345	AltaAmulet x AltaLeaf x Mogul	0	0	5	103	104	1.8	3.7	4	0.10	103
097HO42142	DOC HARDY	A2A2	AB	234615	126,123	King Doc x Monterey x Mogul	0	0	-1	98	100	1.2	1.5	10	0.20	108
097HO41774	HOTLINE	A2A2	AA	321465	126,246	AltaHotRod x Mogul x Man O Man	6058	1721	2	100	101	0.4	-2.6	8	1.70	102

Information from CDCB 08.21 production and HA 08.21 type evaluations. BY+ denotes Brachyspina positive bulls with 95% reliability. TPI is a servicemark of Holstein Association USA, Inc.

Fall 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
176	1373	108	0.19	68	0.09	2.81	78	1.67	1.69	0.54	98	-1.4	2.0	6.3	104	101	100	1088	1069	979	3033	SiryX
157	754	103	0.26	54	0.11	2.70	80	1.06	0.70	0.86	99	0.5	2.2	6.5	103	103	104	1067	1043	987	3003	SiryX
158	1647	96	0.11	62	0.04	2.81	79	0.94	1.08	0.85	99	-0.2	2.3	4.7	106	98	101	1062	1052	992	2974	SiryX
137	667	89	0.22	48	0.10	2.79	80	0.77	0.61	0.14	100	0.9	2.2	5.7	102	105	101	1030	1010	976	2888	SiryX
146	784	101	0.25	45	0.07	2.69	80	0.60	0.71	0.32	94	-0.2	1.5	5.4	103	100	102	1028	1009	935	2893	SiryX
164	528	124	0.36	40	0.08	2.88	79	0.67	1.17	0.55	100	0.3	1.9	6.0	105	101	100	1015	999	992	2949	SiryX
157	936	105	0.24	52	0.08	2.85	78	1.36	1.77	0.18	97	-0.8	2.0	5.6	103	101	102	1013	996	922	2954	SiryX
146	1052	93	0.18	53	0.07	2.76	78	1.21	2.23	0.24	98	0.9	1.4	5.5	106	100	101	1006	990	962	2992	SiryX
151	1311	95	0.15	56	0.05	2.84	79	1.40	1.15	0.71	101	-0.5	2.2	5.9	102	103	100	986	974	939	2907	SiryX
138	876	91	0.20	47	0.07	2.68	80	1.55	1.28	0.75	100	-0.2	1.8	4.7	105	101	101	984	965	913	2912	SiryX
160	995	109	0.24	51	0.07	2.84	80	1.71	1.45	0.95	100	-0.2	1.9	6.1	105	101	101	978	963	905	3001	SiryX
139	1105	91	0.17	48	0.05	2.76	79	1.42	1.38	1.02	99	0.4	1.7	5.6	105	104	100	970	957	904	2944	SiryX
149	1178	98	0.18	51	0.05	2.68	80	0.56	0.98	0.26	102	0.6	2.3	5.4	105	102	101	960	945	902	2910	SiryX
144	791	90	0.21	54	0.10	2.69	79	1.29	1.31	-0.08	98	1.5	2.0	6.2	107	99	102	955	932	908	2964	SiryX
137	407	104	0.31	33	0.07	2.74	80	0.10	0.21	0.22	98	0.5	1.8	5.4	106	100	98	952	935	896	2800	SiryX
101	499	68	0.17	33	0.06	2.70	82	-0.08	0.94	0.07	97	0.5	1.8	5.5	103	100	101	944	927	856	2715	SiryX
115	104	92	0.31	23	0.07	2.75	80	0.51	1.10	0.79	97	2.3	1.7	5.1	107	102	99	941	924	929	2836	SiryX
140	847	93	0.21	47	0.07	2.75	79	1.69	1.49	0.45	98	0.7	1.7	6.1	103	108	101	923	906	879	2939	SiryX
150	1808	92	0.08	58	0.01	2.91	79	1.58	1.00	0.62	102	0.0	2.2	5.8	105	108	101	910	906	882	2918	SiryX
106	992	60	0.08	46	0.05	2.78	81	0.66	1.40	-0.16	98	3.9	1.7	5.9	109	100	102	899	885	917	2853	SiryX
162	1430	106	0.17	56	0.04	2.83	80	1.15	1.33	0.83	98	-0.4	2.2	5.9	105	99	103	898	888	845	2913	SiryX
143	810	89	0.20	54	0.10	2.83	81	0.52	0.72	0.17	103	-2.0	2.2	5.2	100	104	99	881	861	771	2753	SiryX
136	2386	68	-0.08	68	-0.02	2.59	81	0.91	1.57	-0.21	102	-1.7	2.0	5.3	99	102	100	878	872	763	2810	SiryX
127	2137	58	-0.08	69	0.01	2.61	81	0.78	0.86	-0.65	99	-0.3	2.1	5.5	103	96	100	873	862	798	2790	SiryX
163	344	120	0.38	43	0.11	2.64	82	0.96	0.95	0.35	100	-2.6	2.3	5.5	102	99	101	866	840	764	2797	-
122	179	98	0.32	24	0.07	2.91	81	0.28	1.06	0.46	96	0.7	1.5	5.3	107	101	100	843	831	821	2739	SiryX
114	933	64	0.10	50	0.07	2.81	81	1.25	0.72	0.81	102	0.5	2.4	6.4	101	107	98	824	808	777	2757	SiryX
131	1360	86	0.11	45	0.01	2.82	98	0.43	0.36	0.66	98	-0.9	1.8	5.0	100	103	99	821	816	775	2725	-
176	1182	123	0.27	53	0.06	2.88	81	1.48	1.50	-0.19	102	-2.0	2.0	5.9	103	99	102	819	807	742	2871	-
120	1024	71	0.11	49	0.06	2.88	79	0.59	0.60	0.32	98	2.1	1.9	4.9	103	105	100	812	799	797	2796	SiryX
110	1476	62	0.02	48	0.01	2.85	86	0.13	0.65	0.02	96	0.0	1.6	5.0	102	101	102	793	788	723	2685	SiryX
92	1143	48	0.01	44	0.03	2.74	81	0.98	1.68	-0.10	96	0.9	2.1	5.7	106	98	100	792	781	712	2744	SiryX
121	1394	73	0.07	48	0.02	2.84	82	0.67	0.95	-0.78	97	1.3	1.5	5.5	106	99	97	785	778	765	2745	SiryX
105	1096	71	0.10	34	0.00	2.81	82	1.18	1.07	1.05	97	-0.7	1.5	5.0	104	96	99	765	761	680	2701	SiryX
157	1637	97	0.12	60	0.03	2.80	81	1.22	0.52	0.05	99	-2.2	2.4	6.4	99	100	101	746	736	640	2769	SiryX
105	537	77	0.20	28	0.04	2.54	82	0.49	0.76	-0.13	98	0.3	2.3	5.7	101	102	100	739	722	647	2682	SiryX
154	1185	96	0.17	58	0.07	3.06	91	1.44	1.30	0.21	96	-1.9	1.9	5.4	102	104	100	714	702	684	2749	SiryX
138	876	92	0.20	46	0.07	3.00	81	1.82	1.89	0.13	100	-1.9	2.1	5.7	102	99	101	699	688	622	2741	SiryX
94	643	62	0.13	32	0.04	2.79	90	0.83	0.88	0.44	95	1.2	2.0	5.6	106	100	100	686	675	690	2644	SiryX
103	929	65	0.10	38	0.03	2.77	83	1.86	1.77	0.90	102	-1.6	2.5	6.3	106	102	101	617	606	519	2685	SiryX
105	1224	63	0.05	42	0.01	3.10	82	3.38	2.45	1.52	100	-3.0	2.3	5.9	100	108	96	492	491	413	2641	SiryX
133	950	85	0.17	48	0.06	3.05	99	2.89	2.40	1.29	99	-3.0	1.8	6.6	100	101	96	456	446	446	2696	SiryX

Dutch Holstein Bulls

NEW

NAAB CODE	NAME	BETA CASEIN	KAPPA CASEIN	aAa	PEDIGREE	NO. OF DAUGHTERS	NO. OF HERDS	HEALTH					EFFICIENCY		
								CRV HEALTH	UIDER	HOOF	KETOSIS	LONGEVITY	CRV EFFICIENCY	FEED EFFICIENCY	FEED SAVED
097HO42413	LAUNCH PP	A1A2	BB	351426	JOPPER P X HANDY P	0	0	6	103	108	109	643	15	105	-0.11
097HO42362	NOMINATOR	A1A2	AB	243615	JACUZZI X FINDER	0	0	6	105	101	104	667	16	108	0.35
097HO42175	WOODY	A2A2	AB	321456	RANGER X JETSET	0	0	3	105	105	102	523	12	105	-0.36
097HO42361	RETREAT	A2A2	AB	234165	ALTALAWSON X HOTLINE	0	0	5	99	101	106	410	11	102	0.02
097HO42242	NOVAK P	A1A2	AA	324156	JACUZZI X BRAM	0	0	6	108	103	105	674	10	102	-0.64
097HO41949	JACUZZI	A1A2	AE	243615	LIVINGTON X INCENTIVE	199	133	5	105	102	100	451	15	107	0.50
097HO42483	MANSION	A2A2	AB	243651	MARTIN X SIMBA	0	0	5	104	106	101	690	18	109	0.48
097HO42355	FRAGRANT	A1A2	AE	432156	ALTACABOT X FRAZZLED X MANGO	0	0	7	107	103	106	583	15	107	0.42
097HO42461	BELIEVER	A2A2	BB	243165	LUNAR X ALTATOPSHOT	0	0	6	100	105	107	519	14	106	0.22
097HO42402	XANDER	A1A2	AB	423561	FLORIS X BEATBOX	0	0	6	101	107	101	522	11	103	-0.28
097HO42325	ELOY RF	A2A2	AB	243165	JACUZZI X FINDER	0	0	7	106	105	105	527	12	105	0.18
097HO42394	LIMBIC	A2A2	AA	513462	FISHERMAN X RUSH HOUR	0	0	7	109	105	103	733	12	104	-0.12
097HO42319	WARMOND P RF	A2A2	AA	234156	MINGO P X HANDY P	0	0	4	102	105	102	231	13	107	0.49
097HO42274	NIPPON P	A2A2	BB	234165	HOTSPOT P X BERNELL	0	0	9	104	105	105	481	12	105	0.11
097HO42215	PODCAST	A2A2	AA	234615	SIMBA X LAURENT	0	0	7	105	107	104	640	10	103	-0.15
097HO42383	RIDGE	A2A2	BB	243156	MARTIN X RANGER	0	0	7	106	106	106	561	9	103	-0.18
097HO42396	EVERTON	A2A2	BB	345216	E PROFIT X JORBEN	0	0	8	107	104	114	671	10	103	-0.08
097HO42220	BLESSING	A2A2	AB	423561	JETHRO X FINAL	0	0	8	105	107	111	508	10	104	0.18
097HO42179	WIRDUM	A2A2	BB	354216	RANGER X JORBEN	0	0	5	108	104	107	514	7	101	-0.31
097HO41725	HANDY P RF	A1A2	AB	342516	BREKEM X PACKMAN X LAWN BOY	584	331	5	104	99	101	205	10	106	0.59
097HO42254	PADDOCK PP	A1A2	AB	324156	SUNFIT P X LAURENT	0	0	7	105	107	107	487	8	103	0.02

Information presented on NVI Dutch base from 08.21.

Fall 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	TYPE	UDC	FLC	SCE	CRV FERTILITY	EFFICIENCY	INTERVAL	NVI	SiryX
180	1278	107	0.53	73	0.29	105	69	107	102	110	103	103	98	107	362	SiryX
166	1576	102	0.32	64	0.08	109	71	109	110	106	102	103	98	106	355	SiryX
163	1924	92	0.10	71	0.04	113	72	110	110	105	101	97	99	104	300	SiryX
162	480	112	0.98	50	0.36	104	69	104	107	100	101	103	106	102	255	-
159	1098	98	0.53	61	0.23	115	71	107	110	101	102	101	91	109	315	-
154	844	106	0.75	48	0.20	111	87	106	108	104	102	101	88	100	290	SiryX
150	1799	83	0.06	67	0.04	105	70	105	105	107	101	103	100	106	346	-
148	1061	93	0.48	55	0.18	114	69	106	110	102	103	105	95	102	339	SiryX
142	1380	81	0.22	61	0.13	104	71	107	110	103	103	106	98	102	306	SiryX
136	744	93	0.64	43	0.18	106	70	110	107	108	106	106	99	100	304	SiryX
135	901	88	0.51	47	0.16	113	71	109	108	107	100	103	95	102	310	SiryX
127	1275	60	0.06	67	0.22	109	70	106	105	107	103	101	95	107	335	-
125	1373	62	0.04	63	0.15	103	69	103	101	105	102	104	103	106	254	-
123	1033	56	0.12	67	0.31	108	71	110	114	103	107	109	100	106	343	-
111	847	65	0.30	46	0.17	109	71	106	106	103	101	102	93	103	274	SiryX
110	1141	63	0.15	47	0.07	109	70	109	108	107	103	104	100	106	300	-
104	517	56	0.36	48	0.32	106	70	111	113	104	105	103	97	104	292	-
94	688	47	0.19	47	0.24	108	71	106	106	106	109	103	94	106	272	SiryX
84	676	36	0.08	48	0.26	109	72	110	106	110	103	103	98	104	267	-
77	947	38	-0.02	39	0.06	104	95	100	101	100	105	103	100	108	175	-
76	580	46	0.23	30	0.10	111	71	105	103	107	105	105	94	102	242	-

097HO42394 LIMBIC



Limbic

DELTA LIMBIC
Fisherman x Rush Hour
NLDM000632593923

DOB: 43763
aAa: 513462
99% RHA

Beta Casein: A2A2
Kappa Casein: AA

Sire: Delta Fisherman
Dam:

097HO42461 BELIEVER



Believer

LOWLANDS BELIEVER
Lunar x Altatopshot
NLDM000589817592

DOB: 43760
aAa: 243165
98% RHA

Beta Casein: A2A2
Kappa Casein: BB

Sire: Delta Lunar
Dam: Belda 1

CRV EFFICIENCY 12%

Longevity	733
Feed Efficiency	12
CFP	127

CRV HEALTH 7%

Hoof Health	105
Udder Health	109
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1275	SCS	109
Fat kg	60	Fat %	0.06
Protein kg	67	Protein %	0.22

HEALTH TRAITS

Clinical Mastitis	108	Subclinical Mastitis	109
Temperament	105	Persistency	107
Ketosis	103	Body Condition Score	99

CALVING TRAITS

Calf Survival		SCE	103
BW	96	DCE	104

FEED EFFICIENCY

Feed Intake	2.60
Feed Saved	-0.12

MILK ROBOT

Efficiency	95
Interval	107

FERTILITY

Fertility Index	101
DSB	-
Birth Index	108

INDEXES

NVI	335
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CONFORMATION

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

TYPE	106	FLC	107	UDC	105	LOC	107
Stature	Short						
Strength	Frail						
Body Depth	Shallow						
Angularity	Tight						
Condition	Under						
Rump Angle	High						
Rump Width	Narrow						
R Legs Side	Posty						
R Legs Rear	Hock In						
Foot Angle	Low						
Locomotion	Stiff						
F U Attach	Loose						
R U Height	Low						
Udder Cleft	Weak						
Udder Depth	Deep						
F Teat Place	Wide						
R Teat Place	Wide						
Teat Length	Short						
Tall	99						
Strong	101						
Deep	102						
Open	102						
Over	99						
Sloped	96						
Wide	98						
Sickle	97						
Straight	106						
Steep	105						
Free	107						
Strong	105						
High	105						
Strong	102						
Shallow	102						
Close	104						
Close	101						
Long	100						

CRV EFFICIENCY 14%

Longevity	519
Feed Efficiency	14
CFP	142

CRV HEALTH 6%

Hoof Health	105
Udder Health	100
Fertility	106

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	1380	SCS	104
Fat kg	81	Fat %	0.22
Protein kg	61	Protein %	0.13

HEALTH TRAITS

Clinical Mastitis	100	Subclinical Mastitis	101
Temperament	103	Persistency	108
Ketosis	107	Body Condition Score	102

CALVING TRAITS

Calf Survival		SCE	103
BW	97	DCE	106

FEED EFFICIENCY

Feed Intake	2.69
Feed Saved	0.22

MILK ROBOT

Efficiency	98
Interval	102

FERTILITY

Fertility Index	106
DSB	-
Birth Index	103

INDEXES

NVI	306
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CONFORMATION

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

TYPE	107	FLC	103	UDC	110	LOC	104
Stature	Short						
Strength	Frail						
Body Depth	Shallow						
Angularity	Tight						
Condition	Under						
Rump Angle	High						
Rump Width	Narrow						
R Legs Side	Posty						
R Legs Rear	Hock In						
Foot Angle	Low						
Locomotion	Stiff						
F U Attach	Loose						
R U Height	Low						
Udder Cleft	Weak						
Udder Depth	Deep						
F Teat Place	Wide						
R Teat Place	Wide						
Teat Length	Short						
Tall	103						
Strong	101						
Deep	101						
Open	103						
Over	102						
Sloped	98						
Wide	101						
Sickle	95						
Straight	103						
Steep	105						
Free	104						
Strong	110						
High	109						
Strong	105						
Shallow	106						
Close	103						
Close	104						
Long	102						

097HO42413 LAUNCH PP

POLLED



Launch PP

DELTA LAUNCH PP RED

Jopper P x Handy P
NLDM000641394676

DOB: 43833

aAa: 351426

99% RHA

Beta Casein: A1A2

Kappa Casein: BB

Sire: De Biehseuvel Jopper P

Dam: Caudumer Lol 422

CRV EFFICIENCY 15%

CRV HEALTH 6%

Longevity	643	Hoof Health	108
Feed Efficiency	105	Udder Health	103
CFP	180	Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	1278	Fat kg	107	Fat %	0.53
SCS	105	Protein kg	73	Protein %	0.29

HEALTH TRAITS

Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis	Body Condition Score
101	104	102	113	109	102

CALVING TRAITS

Calf Survival	SCE	BW	DCE
99	103	96	104

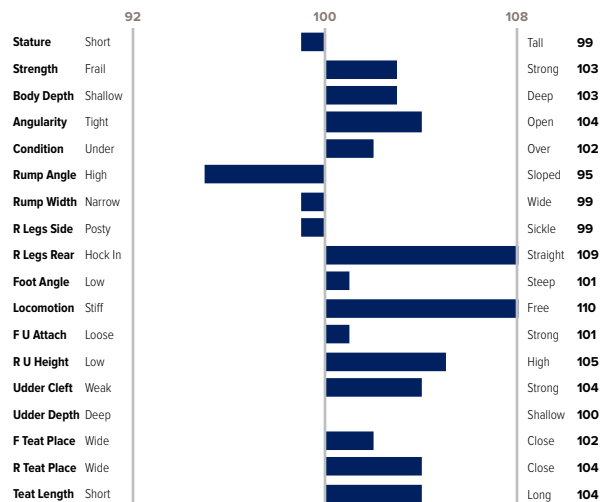
MILK ROBOT

Efficiency	Interval	Milking Speed
98	107	98

CONFORMATION

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

TYPE	FLC	UDC	LOC
107	110	102	110



FEED EFFICIENCY

Feed Intake	3.59
Feed Saved	-0.11

FERTILITY

Fertility Index	103
DSB	-
Birth Index	101

INDEXES

NVI	362
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097HO42361 RETREAT

NEW



Retreat

KOEPPON RETREAT
 Altalawson x Hotline
 NLDM000682613550
DOB: 43583
aAa: 234165
99% RHA
Beta Casein: A2A2
Kappa Casein: AB
Sire: Peak Altalawson
Dam: Hotline Ruby 11

CRV EFFICIENCY 11%

Longevity	410
Feed Efficiency	11
CFP	162

CRV HEALTH 5%

Hoof Health	101
Udder Health	99
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	480	SCS	104
Fat kg	112	Fat %	0.98
Protein kg	50	Protein %	0.36

HEALTH TRAITS

Clinical Mastitis	98	Subclinical Mastitis	101
Temperament	103	Persistency	103
Ketosis	106	Body Condition Score	95

CALVING TRAITS

Calf Survival		SCE	101
BW	101	DCE	107

FEED EFFICIENCY

Feed Intake	3.01
Feed Saved	0.02

MILK ROBOT

Efficiency	106
Interval	102

FERTILITY

Fertility Index	103
DSB	-
Birth Index	108

INDEXES

NVI	255
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CONFORMATION

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

TYPE	104	FLC	100	UDC	107	LOC	100
Stature	Short					Tall	109
Strength	Frail					Strong	100
Body Depth	Shallow					Deep	105
Angularity	Tight					Open	107
Condition	Under					Over	95
Rump Angle	High					Sloped	99
Rump Width	Narrow					Wide	101
R Legs Side	Posty					Sickle	99
R Legs Rear	Hock In					Straight	99
Foot Angle	Low					Steep	104
Locomotion	Stiff					Free	100
F U Attach	Loose					Strong	105
R U Height	Low					High	105
Udder Cleft	Weak					Strong	101
Udder Depth	Deep					Shallow	108
F Teat Place	Wide					Close	99
R Teat Place	Wide					Close	99
Teat Length	Short					Long	95

097HO42402 XANDER



Xander

DELTA XANDER
 Floris x Beatbox
 NLDM000614974395
DOB: 43801
aAa: 423561
99% RHA
Beta Casein: A1A2
Kappa Casein: AB
Sire: Delta Floris
Dam: Delta Xanne

CRV EFFICIENCY 11%

Longevity	522
Feed Efficiency	11
CFP	136

CRV HEALTH 6%

Hoof Health	107
Udder Health	101
Fertility	106

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	744	SCS	106
Fat kg	93	Fat %	0.64
Protein kg	43	Protein %	0.18

HEALTH TRAITS

Clinical Mastitis	100	Subclinical Mastitis	103
Temperament	102	Persistency	108
Ketosis	101	Body Condition Score	101

CALVING TRAITS

Calf Survival		SCE	106
BW	94	DCE	103

FEED EFFICIENCY

Feed Intake	2.97
Feed Saved	-0.28

MILK ROBOT

Efficiency	99
Interval	100

FERTILITY

Fertility Index	106
DSB	-
Birth Index	106

INDEXES

NVI	304
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CONFORMATION

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

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

097HO42483 MANSION



Midwolder Marjon 168, Dam of Mansion

CRV EFFICIENCY 18%

Longevity	690
Feed Efficiency	18
CFP	150

CRV HEALTH 5%

Hoof Health	106
Udder Health	104
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1799	Fat kg	83	Fat %	0.06
SCS	105	Protein kg	67	Protein %	0.04

HEALTH TRAITS

Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis	Body Condition Score
102	105	104	112	101	96

CALVING TRAITS

Calf Survival	SCE	BW	DCE
	101	96	105

MILK ROBOT

Efficiency	Interval	Milking Speed
100	106	101

NEW

MIDWOLDER MANSION

Martin x Simba
NLDM000716113449

DOB: 43820
aAa: 243651
98% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: Midwolder Martin
Dam: Midwolder Marjon 168

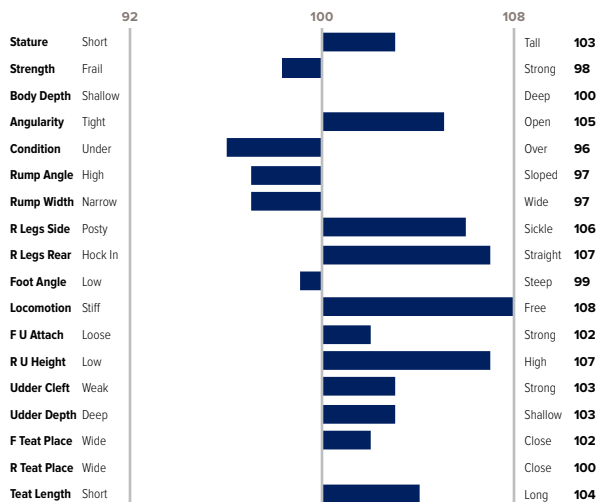


Mansion

CONFORMATION

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

TYPE	FLC	UDC	LOC
105	107	105	108



FEED EFFICIENCY

Feed Intake	2.65
Feed Saved	0.48

FERTILITY

Fertility Index	103
DSB	-
Birth Index	104

INDEXES

NVI	346
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097HO42325 ELOY RF



Eloy RF

DELTA ELOY RF
 Jacuzzi x Finder
 NLD000678449129
DOB: 43463
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: 43558
aAa: 243615
97% RHA
Beta Casein: A1A2
Kappa Casein: AB
Sire: Delta Jacuzzi
Dam: Delta Nella

CRV EFFICIENCY 12%

Longevity	527
Feed Efficiency	12
CFP	135

CRV HEALTH 7%

Hoof Health	105
Udder Health	106
Fertility	103

CRV EFFICIENCY 16%

Longevity	667
Feed Efficiency	108
CFP	166

CRV HEALTH 6%

Hoof Health	101
Udder Health	105
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	901	SCS	113
Fat kg	88	Fat %	0.51
Protein kg	47	Protein %	0.16

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	107
Temperament	101	Persistency	109
Ketosis	105	Body Condition Score	99

CALVING TRAITS

Calf Survival	SCE	100
BW	DCE	110

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	1576	SCS	109
Fat kg	102	Fat %	0.32
Protein kg	64	Protein %	0.08

HEALTH TRAITS

Clinical Mastitis	102	Subclinical Mastitis	107
Temperament	98	Persistency	115
Ketosis	104	Body Condition Score	99

CALVING TRAITS

Calf Survival	103	SCE	102
BW	98	DCE	108

FEED EFFICIENCY

Feed Intake	2.54
Feed Saved	0.18

MILK ROBOT

Efficiency	95
Interval	102

FERTILITY

Fertility Index	103
DSB	-
Birth Index	105

INDEXES

NVI	310
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FEED EFFICIENCY

Feed Intake	3.10
Feed Saved	0.35

MILK ROBOT

Efficiency	98
Interval	106

FERTILITY

Fertility Index	103
DSB	-
Birth Index	107

INDEXES

NVI	355
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CONFORMATION

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

TYPE	109	FLC	107	UDC	108	LOC	108
Stature	Short	92		100		108	Tall 105
Strength	Frail						Strong 102
Body Depth	Shallow						Deep 100
Angularity	Tight						Open 103
Condition	Under						Over 99
Rump Angle	High						Sloped 102
Rump Width	Narrow						Wide 102
R Legs Side	Posty						Sickle 95
R Legs Rear	Hock In						Straight 107
Foot Angle	Low						Steep 107
Locomotion	Stiff						Free 108
F U Attach	Loose						Strong 105
R U Height	Low						High 105
Udder Cleft	Weak						Strong 102
Udder Depth	Deep						Shallow 108
F Teat Place	Wide						Close 102
R Teat Place	Wide						Close 99
Teat Length	Short						Long 99

CONFORMATION

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

TYPE	109	FLC	106	UDC	110	LOC	106
Stature	Short	92		100		108	Tall 105
Strength	Frail						Strong 101
Body Depth	Shallow						Deep 99
Angularity	Tight						Open 103
Condition	Under						Over 99
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 105
Locomotion	Stiff						Free 106
F U Attach	Loose						Strong 107
R U Height	Low						High 106
Udder Cleft	Weak						Strong 99
Udder Depth	Deep						Shallow 111
F Teat Place	Wide						Close 98
R Teat Place	Wide						Close 93
Teat Length	Short						Long 102

097HO41949 JACUZZI



Jacuzzi 5947, Daughter

CRV EFFICIENCY 15%

Longevity	451
Feed Efficiency	107
CFP	154

CRV HEALTH 5%

Hoof Health	102
Udder Health	105
Fertility	101

PREMIUM MILK

Pro Daughters: 199 • Herds: 133 • 87% Rel

Milk kg	844	Fat kg	106	Fat %	0.75
SCS	111	Protein kg	48	Protein %	0.20

HEALTH TRAITS

Clinical Mastitis	102	Subclinical Mastitis	108	Temperament	104	Persistency	110	Ketosis	100	Body Condition Score	97
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CALVING TRAITS

Calf Survival	103	SCE	102	BW	99	DCE	106
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MILK ROBOT

Efficiency	88	Interval	100	Milking Speed	95
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PROVEN

DELTA JACUZZI RED

Livington x Incentive
NLD000666249656

DOB: 42830

aAa: 243615

95% RHA

Beta Casein: A1A2

Kappa Casein: AE

Sire: Het Meer Livington

Dam: Overzicht Delta Jina

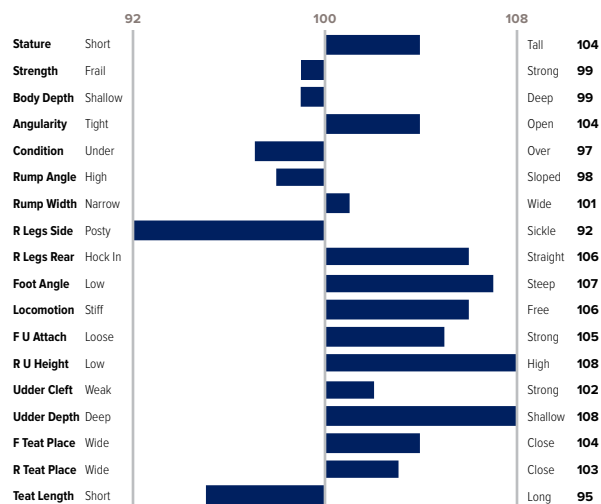


Jacuzzi Red

CONFORMATION

Conf Daughters: 58 • Herds: 40 • 89% Rel

TYPE	FLC	UDC	LOC
106	104	108	106



FEED EFFICIENCY

Feed Intake	2.55
Feed Saved	0.50

FERTILITY

Fertility Index	101
DSB	-
Birth Index	106

INDEXES

NVI	290
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097HO42274 **NIPPON P** **POLLED**



Nippon P

DELTA NIPPON P
 Hotspot P x Bernell
 NLD000916132992
DOB: 43501
aAa: 234165
99% RHA
Beta Casein: A2A2
Kappa Casein: BB
Sire: Hotspot P
Dam:

097HO42242 **NOVAK P**

NEW



Novak P

DELTA NOVAK P-RED
 Jacuzzi x Bram
 NLDM000699353788
DOB: 43444
aAa: 324156
96% RHA
Beta Casein: A1A2
Kappa Casein: AA
Sire: Delta Jacuzzi Red
Dam: Delta Nadine

CRV EFFICIENCY 12%

Longevity	481
Feed Efficiency	12
CFP	123

CRV HEALTH 9%

Hoof Health	105
Udder Health	104
Fertility	109

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	1033	SCS	108
Fat kg	56	Fat %	0.12
Protein kg	67	Protein %	0.31

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	105
Temperament	103	Persistency	107
Ketosis	105	Body Condition Score	101

CALVING TRAITS

Calf Survival		SCE	107
BW	91	DCE	108

FEED EFFICIENCY

Feed Intake	2.10
Feed Saved	0.11

MILK ROBOT

Efficiency	100
Interval	106

FERTILITY

Fertility Index	109
DSB	-
Birth Index	109

INDEXES

NVI	343
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CONFORMATION

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

TYPE	110	FLC	103	UDC	114	LOC	104	
Stature	Short	92		100		108	Tall	100
Strength	Frail						Strong	98
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	98
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	107
Udder Cleft	Weak						Strong	98
Udder Depth	Deep						Shallow	117
F Teat Place	Wide						Close	105
R Teat Place	Wide						Close	100
Teat Length	Short						Long	97

CRV EFFICIENCY 10%

Longevity	674
Feed Efficiency	102
CFP	159

CRV HEALTH 6%

Hoof Health	103
Udder Health	108
Fertility	101

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	1098	SCS	115
Fat kg	98	Fat %	0.53
Protein kg	61	Protein %	0.23

HEALTH TRAITS

Clinical Mastitis	105	Subclinical Mastitis	110
Temperament	102	Persistency	114
Ketosis	105	Body Condition Score	97

CALVING TRAITS

Calf Survival	101	SCE	102
BW	98	DCE	108

FEED EFFICIENCY

Feed Intake	3.83
Feed Saved	-0.64

MILK ROBOT

Efficiency	91
Interval	109

FERTILITY

Fertility Index	101
DSB	-
Birth Index	104

INDEXES

NVI	315
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CONFORMATION

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

TYPE	107	FLC	101	UDC	110	LOC	103	
Stature	Short	92		100		108	Tall	112
Strength	Frail						Strong	104
Body Depth	Shallow						Deep	108
Angularity	Tight						Open	109
Condition	Under						Over	97
Rump Angle	High						Sloped	97
Rump Width	Narrow						Wide	112
R Legs Side	Posty						Sickle	92
R Legs Rear	Hock In						Straight	102
Foot Angle	Low						Steep	107
Locomotion	Stiff						Free	103
F U Attach	Loose						Strong	109
R U Height	Low						High	106
Udder Cleft	Weak						Strong	106
Udder Depth	Deep						Shallow	112
F Teat Place	Wide						Close	104
R Teat Place	Wide						Close	106
Teat Length	Short						Long	102

097HO42383 RIDGE



Ridge

DELTA RIDGE
Martin x Ranger
NLDM000734971353

DOB: 43763
aAa: 243156
99% RHA

Beta Casein: A2A2
Kappa Casein: BB

Sire: Midwolder Martin
Dam:

097HO42396 EVERTON



Everton

DELTA EVERTON
E Profit x Jorben
NLDM000933631935

DOB: 43776
aAa: 345216
97% RHA

Beta Casein: A2A2
Kappa Casein: BB

Sire: De Leenhorst E Profit
Dam:

CRV EFFICIENCY 9%

Longevity	561
Feed Efficiency	9
CFP	110

CRV HEALTH 7%

Hoof Health	106
Udder Health	106
Fertility	104

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	1141	SCS	109
Fat kg	63	Fat %	0.15
Protein kg	47	Protein %	0.07

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	107
Temperament	107	Persistency	111
Ketosis	106	Body Condition Score	102

CALVING TRAITS

Calf Survival		SCE	103
BW	97	DCE	107

FEED EFFICIENCY

Feed Intake	2.51
Feed Saved	-0.18

MILK ROBOT

Efficiency	100
Interval	106

FERTILITY

Fertility Index	104
DSB	-
Birth Index	106

INDEXES

NVI	300
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CONFORMATION

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

TYPE	109	FLC	107	UDC	108	LOC	108
Stature	Short					Tall	99
Strength	Frail					Strong	102
Body Depth	Shallow					Deep	101
Angularity	Tight					Open	103
Condition	Under					Over	102
Rump Angle	High					Sloped	99
Rump Width	Narrow					Wide	101
R Legs Side	Posty					Sickle	100
R Legs Rear	Hock In					Straight	105
Foot Angle	Low					Steep	101
Locomotion	Stiff					Free	108
F U Attach	Loose					Strong	107
R U Height	Low					High	105
Udder Cleft	Weak					Strong	101
Udder Depth	Deep					Shallow	105
F Teat Place	Wide					Close	99
R Teat Place	Wide					Close	95
Teat Length	Short					Long	101

CRV EFFICIENCY 10%

Longevity	671
Feed Efficiency	10
CFP	104

CRV HEALTH 8%

Hoof Health	104
Udder Health	107
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 70% Rel

Milk kg	517	SCS	106
Fat kg	56	Fat %	0.36
Protein kg	48	Protein %	0.32

HEALTH TRAITS

Clinical Mastitis	105	Subclinical Mastitis	107
Temperament	101	Persistency	109
Ketosis	114	Body Condition Score	104

CALVING TRAITS

Calf Survival		SCE	105
BW	96	DCE	108

FEED EFFICIENCY

Feed Intake	1.95
Feed Saved	-0.08

MILK ROBOT

Efficiency	97
Interval	104

FERTILITY

Fertility Index	103
DSB	-
Birth Index	106

INDEXES

NVI	292
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CONFORMATION

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

TYPE	111	FLC	104	UDC	113	LOC	105
Stature	Short					Tall	104
Strength	Frail					Strong	102
Body Depth	Shallow					Deep	101
Angularity	Tight					Open	101
Condition	Under					Over	104
Rump Angle	High					Sloped	104
Rump Width	Narrow					Wide	102
R Legs Side	Posty					Sickle	95
R Legs Rear	Hock In					Straight	104
Foot Angle	Low					Steep	105
Locomotion	Stiff					Free	105
F U Attach	Loose					Strong	112
R U Height	Low					High	110
Udder Cleft	Weak					Strong	108
Udder Depth	Deep					Shallow	111
F Teat Place	Wide					Close	110
R Teat Place	Wide					Close	108
Teat Length	Short					Long	102

097HO42355 FRAGRANT



Fragrant

BUSH-BROS FRAGRANT-ET

AltaCabot x Frazzled x
Magoo
HO840003205149655

DOB: 43804
aAa: 432156
99% RHA

Beta Casein: A1A2
Kappa Casein: AE

Sire: Bomaz AltaCabot-ET
Dam: HO840003141559101

097HO42175 WOODY



Woody

WILLEM'S-HOEVE WOODY

Ranger x Jetset
NLD000965020507

DOB: 43308
aAa: 321456
99% RHA

Beta Casein: A2A2
Kappa Casein: AB

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

CRV EFFICIENCY 15%

Longevity	583
Feed Efficiency	15
CFP	148

CRV HEALTH 7%

Hoof Health	103
Udder Health	107
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	1061	SCS	114
Fat kg	93	Fat %	0.48
Protein kg	55	Protein %	0.18

HEALTH TRAITS

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

CALVING TRAITS

Calf Survival	SCE	103
BW	DCE	108

FEED EFFICIENCY

Feed Intake	2.52
Feed Saved	0.42

MILK ROBOT

Efficiency	95
Interval	102

FERTILITY

Fertility Index	105
DSB	-
Birth Index	108

INDEXES

NVI	339
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CONFORMATION

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

TYPE	106	FLC	102	UDC	110	LOC	103
Stature	92			100			108
Strength							
Body Depth							
Angularity							
Condition							
Rump Angle							
Rump Width							
R Legs Side							
R Legs Rear							
Foot Angle							
Locomotion							
F U Attach							
R U Height							
Udder Cleft							
Udder Depth							
F Teat Place							
R Teat Place							
Teat Length							

CRV EFFICIENCY 12%

Longevity	523
Feed Efficiency	12
CFP	163

CRV HEALTH 3%

Hoof Health	105
Udder Health	105
Fertility	97

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	1924	SCS	113
Fat kg	92	Fat %	0.10
Protein kg	71	Protein %	0.04

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	106
Temperament	106	Persistency	105
Ketosis	102	Body Condition Score	100

CALVING TRAITS

Calf Survival	SCE	101
BW	DCE	104

FEED EFFICIENCY

Feed Intake	3.87
Feed Saved	-0.36

MILK ROBOT

Efficiency	99
Interval	104

FERTILITY

Fertility Index	97
DSB	-
Birth Index	102

INDEXES

NVI	300
-----	-----

CONFORMATION

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

TYPE	110	FLC	105	UDC	110	LOC	105
Stature	92			100			108
Strength							
Body Depth							
Angularity							
Condition							
Rump Angle							
Rump Width							
R Legs Side							
R Legs Rear							
Foot Angle							
Locomotion							
F U Attach							
R U Height							
Udder Cleft							
Udder Depth							
F Teat Place							
R Teat Place							
Teat Length							

097HO42220 BLESSING



Blessing

LOWLANDS BLESSING

Jethro x Final
NLD000598753212

DOB: 43422
aAa: 423561
92% RHA

Beta Casein: A2A2
Kappa Casein: AB

Sire: De Biesheuvel Jethro
Dam: Bles 292

097HO42179 WIRDUM



Wirdum

DELTA WIRDUM

Ranger x Jorben
NLD000664898766

DOB: 43263
aAa: 354216
98% RHA

Beta Casein: A2A2
Kappa Casein: BB

Sire: Double W Ranger
Dam: Delta Wolda

CRV EFFICIENCY 10%

Longevity	508
Feed Efficiency	10
CFP	94

CRV HEALTH 8%

Hoof Health	107
Udder Health	105
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	688	SCS	108
Fat kg	47	Fat %	0.19
Protein kg	47	Protein %	0.24

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	106
Temperament	102	Persistency	108
Ketosis	111	Body Condition Score	103

CALVING TRAITS

Calf Survival	SCE	109
BW	DCE	103

FEED EFFICIENCY

Feed Intake	1.64
Feed Saved	0.18

MILK ROBOT

Efficiency	94
Interval	106

FERTILITY

Fertility Index	103
DSB	-
Birth Index	108

INDEXES

NVI	272
-----	-----

CONFORMATION

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

TYPE	106	FLC	106	UDC	106	LOC	106
Stature	92						
Strength							
Body Depth							
Angularity							
Condition							
Rump Angle							
Rump Width							
R Legs Side							
R Legs Rear							
Foot Angle							
Locomotion							
F U Attach							
R U Height							
Udder Cleft							
Udder Depth							
F Teat Place							
R Teat Place							
Teat Length							

CRV EFFICIENCY 7%

Longevity	514
Feed Efficiency	7
CFP	84

CRV HEALTH 5%

Hoof Health	104
Udder Health	108
Fertility	103

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	676	SCS	109
Fat kg	36	Fat %	0.08
Protein kg	48	Protein %	0.26

HEALTH TRAITS

Clinical Mastitis	106	Subclinical Mastitis	108
Temperament	100	Persistency	110
Ketosis	107	Body Condition Score	102

CALVING TRAITS

Calf Survival	SCE	103
BW	DCE	100

FEED EFFICIENCY

Feed Intake	1.85
Feed Saved	-0.31

MILK ROBOT

Efficiency	98
Interval	104

FERTILITY

Fertility Index	103
DSB	-
Birth Index	102

INDEXES

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

CONFORMATION

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

TYPE	110	FLC	110	UDC	106	LOC	111
Stature	92						
Strength							
Body Depth							
Angularity							
Condition							
Rump Angle							
Rump Width							
R Legs Side							
R Legs Rear							
Foot Angle							
Locomotion							
F U Attach							
R U Height							
Udder Cleft							
Udder Depth							
F Teat Place							
R Teat Place							
Teat Length							

097HO42215 **PODCAST**



Podcast

DELTA PODCAST
 Simba x Laurent
 HOBEL000214053521

DOB: 43433
aAa: 234615
96% RHA

Beta Casein: A2A2
Kappa Casein: AA

Sire: Simba
Dam: Julishoeve Delta Pauletta

097HO42319 **WARMOND P RF**



Warmond P RF

DELTA WARMOND P RF
 Mingo P x Handy P
 NLD000758205788

DOB: 43621
aAa: 234156
96% RHA

Beta Casein: A2A2
Kappa Casein: AA

Sire: Delta Mingo P
Dam: Delta Warber

CRV EFFICIENCY 10%

Longevity	640
Feed Efficiency	10
CFP	111

CRV HEALTH 7%

Hoof Health	107
Udder Health	105
Fertility	102

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	847	SCS	109
Fat kg	65	Fat %	0.30
Protein kg	46	Protein %	0.17

HEALTH TRAITS

Clinical Mastitis	104	Subclinical Mastitis	105
Temperament	103	Persistency	112
Ketosis	104	Body Condition Score	99

CALVING TRAITS

Calf Survival		SCE	101
BW	96	DCE	113

FEED EFFICIENCY

Feed Intake	2.35
Feed Saved	-0.15

MILK ROBOT

Efficiency	93
Interval	103

FERTILITY

Fertility Index	102
DSB	-
Birth Index	107

INDEXES

NVI	274
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CONFORMATION

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

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

CRV EFFICIENCY 13%

Longevity	231
Feed Efficiency	13
CFP	125

CRV HEALTH 4%

Hoof Health	105
Udder Health	102
Fertility	104

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 69% Rel

Milk kg	1373	SCS	103
Fat kg	62	Fat %	0.04
Protein kg	63	Protein %	0.15

HEALTH TRAITS

Clinical Mastitis	101	Subclinical Mastitis	102
Temperament	100	Persistency	109
Ketosis	102	Body Condition Score	98

CALVING TRAITS

Calf Survival		SCE	102
BW	97	DCE	99

FEED EFFICIENCY

Feed Intake	1.99
Feed Saved	0.49

MILK ROBOT

Efficiency	103
Interval	106

FERTILITY

Fertility Index	104
DSB	-
Birth Index	99

INDEXES

NVI	254
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CONFORMATION

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

TYPE	103	FLC	105	UDC	101	LOC	105
Stature	Short	92					Tall 101
Strength	Frail						Strong 96
Body Depth	Shallow						Deep 99
Angularity	Tight						Open 101
Condition	Under						Over 98
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 104
Udder Cleft	Weak						Strong 101
Udder Depth	Deep						Shallow 101
F Teat Place	Wide						Close 106
R Teat Place	Wide						Close 104
Teat Length	Short						Long 95

097HO42254 **PADDOCK PP** POLLED



Paddock PP

DELTA PADDOCK PP
 Sunfit P x Laurent
 NLD000632593598
DOB: 43470
aAa: 324156
96% RHA
Beta Casein: A1A2
Kappa Casein: AB
Sire: Delta Sunfit P
Dam: Vandenberg Delta Pipa

097HO41725 **HANDY P RF** POLLED



Weelder Esmonique 38 VG-85, Dam

DE VRENDT HANDY P
 Brekem x Packman x
 Lawn Boy
 NLD000751116034
DOB: 42257
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

CRV EFFICIENCY 8%

Longevity	487
Feed Efficiency	8
CFP	76

CRV HEALTH 7%

Hoof Health	107
Udder Health	105
Fertility	105

PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	580	SCS	111
Fat kg	46	Fat %	0.23
Protein kg	30	Protein %	0.10

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	106
Temperament	101	Persistency	108
Ketosis	107	Body Condition Score	99

CALVING TRAITS

Calf Survival	SCE	105
BW	DCE	107

FEED EFFICIENCY

Feed Intake	1.45
Feed Saved	0.02

MILK ROBOT

Efficiency	94
Interval	102

FERTILITY

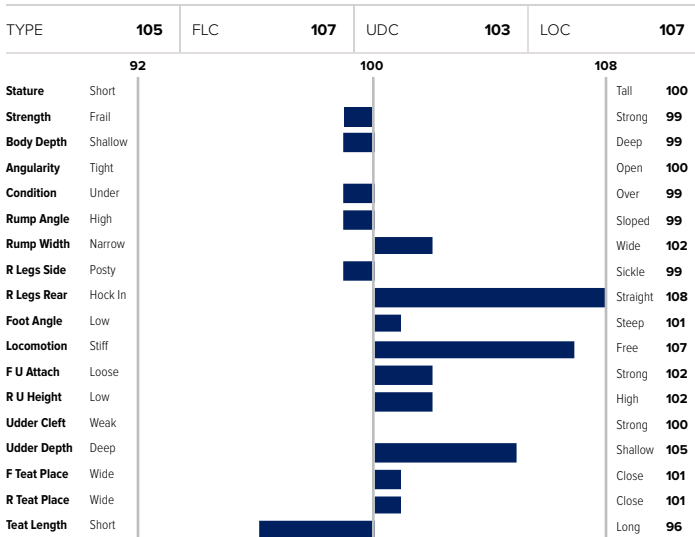
Fertility Index	105
DSB	-
Birth Index	104

INDEXES

NVI	242
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CONFORMATION

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



CRV EFFICIENCY 10%

Longevity	205
Feed Efficiency	10
CFP	77

CRV HEALTH 5%

Hoof Health	99
Udder Health	104
Fertility	103

PREMIUM MILK

Pro Daughters: 584 • Herds: 331 • 95% Rel

Milk kg	947	SCS	104
Fat kg	38	Fat %	-0.02
Protein kg	39	Protein %	0.06

HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	104
Temperament	106	Persistency	108
Ketosis	101	Body Condition Score	99

CALVING TRAITS

Calf Survival	SCE	105
BW	DCE	106

FEED EFFICIENCY

Feed Intake	0.99
Feed Saved	0.59

MILK ROBOT

Efficiency	100
Interval	108

FERTILITY

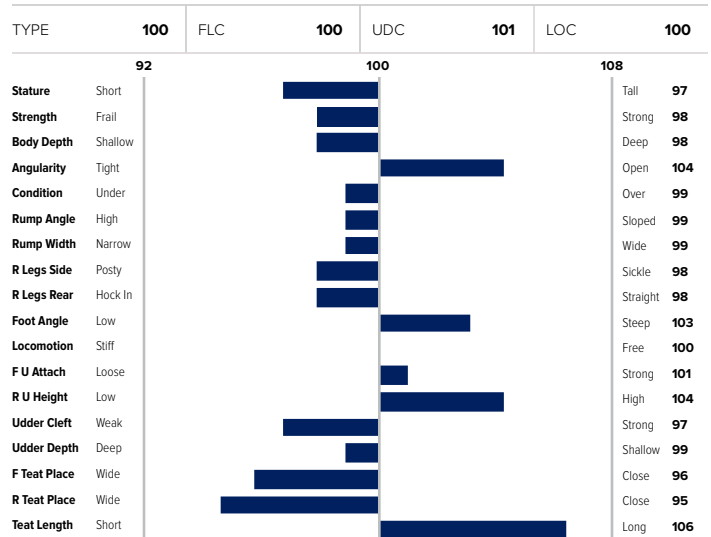
Fertility Index	103
DSB	-
Birth Index	107

INDEXES

NVI	175
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CONFORMATION

Conf Daughters: 271 • Herds: 162 • 96% Rel





CRV CREATE SIRES

ELITE TPI AND NM\$

CREATE FUGLEMAN-ET

Altazazzle x Positive x Medley



NM\$ **1069**

GTPI **3033**

FAT **108**

CFP **176**

CREATE CURVEBALL-ET

Fastball x Altatopshot x Mr Mogul Delta



NM\$ **1052**

GTPI **2974**

MILK **1647**

CFP **158**

CREATE ENGINEER-ET

Pursuit x Prophecy x Delta



NM\$ **1043**

GTPI **3003**

FAT **103**

CFP **157**

CREATE FACTOTUM-ET

Altazazzle x Positive x Medley



NM\$ **990**

GTPI **2992**

FAT **93**

CFP **146**

CREATE UPSWING-ET

Pursuit x Duke x Rubicon



NM\$ **963**

GTPI **3001**

FAT **109**

PTAT **1.71**



BETTER COWS > BETTER LIFE

CRV CREATE 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 (DCE) 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 (DSB) indicates the genetic merit for giving birth to stillborn calves. A higher value indicates a higher change of a stillborn offspring: 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 offspring 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.

CREATE CRV early release 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 Leaders

PREMIUM MILK

MILK	FAT	US FAT %	PROTEIN	US PROTEIN %	
MARTINI	2386	TOMBOLA 124	PINE 0.38	SHAWARMA 69	ENGINEER 0.11
SHAWARMA	2137	KRILLIN 123	TOMBOLA 0.36	FUGLEMAN 68	PINE 0.11
ESCAPADE	1808	PINE 120	MAINLINE 0.32	MARTINI 68	GOKU 0.10
CURVEBALL	1647	UPSWING 109	JUMANJI 0.31	CURVEBALL 62	MORANT 0.10
BANNER	1637	FUGLEMAN 108	PUKKA 0.31	BANNER 60	OFFSIDE 0.10
MATCHUP	1476	SPARKPLUG 106	KRILLIN 0.27	LANGLEY 58	FUGLEMAN 0.09
SPARKPLUG	1430	GONZO 105	ENGINEER 0.26	ESCAPADE 58	GONZO 0.08
MAXIMO	1394	JUMANJI 104	HONEYCOMB 0.25	SPARKPLUG 56	TOMBOLA 0.08
FUGLEMAN	1373	ENGINEER 103	UPSWING 0.24	GOGETA 56	LANGLEY 0.07
LIGERO	1360	HONEYCOMB 101	GONZO 0.24	ENGINEER 54	FACTOTUM 0.07

CFP	DUTCH FAT %	DUTCH PROTEIN %	SCS	PERSISTANCY	
FUGLEMAN	176	RETREAT 0.98	RETREAT 0.36	COUNCIL 2.54	NOMINATOR 115
KRILLIN	176	JACUZZI 0.75	EVERTON 0.32	MARTINI 2.59	NOVAK P 114
TOMBOLA	164	XANDER 0.64	NIPPON P 0.31	SHAWARMA 2.61	LAUNCH PP 113
PINE	163	LAUNCH PP 0.53	LAUNCH PP 0.29	PINE 2.64	PODCAST 112
SPARKPLUG	162	NOVAK P 0.53	WIRDUM 0.26	FERRY 2.68	MANSION 112
UPSWING	160	ELOY RF 0.51	BLESSING 0.24	HALFTIME 2.68	HONEYCOMB 112
CURVEBALL	158	FRAGRANT 0.48	NOVAK P 0.23	HONEYCOMB 2.69	RIDGE 111
ENGINEER	157	EVERTON 0.36	LIMBIC 0.22	GOKU 2.69	MATOS 111
GONZO	157	NOMINATOR 0.32	JACUZZI 0.20	ENGINEER 2.70	WIRDUM 110
BANNER	157	PODCAST 0.30	XANDER 0.18	FLIGHTPLAN 2.70	JACUZZI 110

HEALTH

CRV HEALTH	UDDER HEALTH	CLINICAL MASTITIS	SUBCLINICAL MASTITIS	HOOF HEALTH
NIPPON P 9	LIMBIC 109	LIMBIC 108	NOVAK P 110	LAUNCH PP 108
EVERTON 8	NOVAK P 108	WIRDUM 106	LIMBIC 109	BLESSING 107
BLESSING 8	WIRDUM 108	NOVAK P 105	WIRDUM 108	PADDOCK PP 107
GOKU 8	EVERTON 107	EVERTON 105	JACUZZI 108	PODCAST 107
VENITO 8	FRAGRANT 107	FRAGRANT 105	EVERTON 107	XANDER 107
GROOT 8	GOKU 106	RIDGE 104	FRAGRANT 107	RIDGE 106
PODCAST 7	RIDGE 106	ELOY RF 104	RIDGE 107	MANSION 106
RIDGE 7	ELOY RF 106	BLESSING 104	ELOY RF 107	LIMBIC 105
ELOY RF 7	BLESSING 105	PODCAST 104	NOMINATOR 107	ELOY RF 105
PADDOCK PP 7	PODCAST 105	PADDOCK PP 103	GOKU 107	WOODY 105

LONGEVITY	PRODUCTIVE LIFE	LIVABILITY	HEIFER LIVABILITY	KETOSIS
LIMBIC 733	FLIGHTPLAN 7.9	FLIGHTPLAN 4.5	AMPLUS 1.9	EVERTON 114
MANSION 690	GROOT 7.0	OFFSIDE 4.3	GROOT 1.6	BLESSING 111
NOVAK P 674	HONEYCOMB 6.7	JUMANJI 4.0	CURVEBALL 1.5	LAUNCH PP 109
EVERTON 671	ENGINEER 6.6	LUKAKU 3.6	MATCHUP 1.5	BELIEVER 107
NOMINATOR 667	VENITO 6.6	TOMBOLA 3.4	MARTINI 1.4	WIRDUM 107
LAUNCH PP 643	PUKKA 6.5	HONEYCOMB 3.3	FUMAGALLI 1.4	PADDOCK PP 107
PODCAST 640	OFFSIDE 6.5	ENGINEER 3.2	FERRY 1.4	FRAGRANT 106
GROOT 620	CURVEBALL 6.0	VENITO 3.1	SPARKPLUG 1.3	RIDGE 106
FRAGRANT 583	COUNCIL 5.9	MATCHUP 3.0	ENGINEER 1.2	RETREAT 106
UPSWING 573	MARTINI 5.9	YAMCHA 2.9	BANNER 1.1	NOVAK P 105

Holstein Trait Leaders

EFFICIENCY

CRV Efficiency		Feed Efficiency		MUN		FEED INTAKE	
MANSION	18	YAMCHA	110	MARTINI	-0.3	WOODY	3.87
ESCAPADE	18	ESCAPADE	109	LIGERO	-0.3	NOVAK P	3.83
YAMCHA	18	OFFSIDE	109	BANNER	-0.2	LAUNCH PP	3.59
NOMINATOR	16	FLIGHTPLAN	109	HALFTIME	-0.1	NOMINATOR	3.10
HALFTIME	16	LIGERO	109	FUGLEMAN	-0.1	RETREAT	3.01
FUGLEMAN	16	NOMINATOR	108	MATOS	-0.1	XANDER	2.97
OFFSIDE	16	HALFTIME	108	LUKAKU	-0.1	BELIEVER	2.69
FLIGHTPLAN	16	FUGLEMAN	108	PUKKA	-0.1	MANSION	2.65
LAUNCH PP	15	AMPLUS	108	UPSWING	-0.1	LIMBIC	2.60
FRAGRANT	15	MORANT	108	PINE	0.0	JACUZZI	2.55

EFFICIENCY

FEED FOR MAINTENANCE		US FEED SAVED		CRV FERTILITY		DPR	
HANDY P RF	0.59	FLIGHTPLAN	303	NIPPON P	109	VENITO	3.9
JACUZZI	0.50	GOGETA	275	VENITO	109	PUKKA	2.3
WARMOND P RF	0.49	PUKKA	219	GOKU	107	CAMDEN	2.1
MANSION	0.48	OFFSIDE	205	MAINLINE	107	GOKU	1.5
FRAGRANT	0.42	HALFTIME	191	PUKKA	107	MAXIMO	1.3
NOMINATOR	0.35	CURVEBALL	174	XANDER	106	AMPLUS	1.2
BELIEVER	0.22	MATOS	160	BELIEVER	106	OFFSIDE	0.9
ELOY RF	0.18	AMPLUS	158	FACTOTUM	106	GROOT	0.9
BLESSING	0.18	TOMBOLA	156	MAXIMO	106	FACTOTUM	0.9
NIPPON P	0.11	MAINLINE	155	CURVEBALL	106	MAINLINE	0.7

CALVING TRAITS

SCE		DCE		SSB		DSB	
FACTOTUM	1.4	YAMCHA	1.0	HALFTIME	4.7	AMPLUS	3.0
MAINLINE	1.5	FACTOTUM	1.2	CURVEBALL	4.7	FERRY	3.3
HONEYCOMB	1.5	LUKAKU	1.2	CAMDEN	4.9	YAMCHA	3.4
LUKAKU	1.5	VENITO	1.3	LUKAKU	5.0	INTRICATE	3.4
MAXIMO	1.5	INTRICATE	1.3	MATCHUP	5.0	MAINLINE	3.6
MATCHUP	1.6	MAXIMO	1.4	LIGERO	5.0	JUMANJI	3.6
PUKKA	1.7	MATCHUP	1.4	PUKKA	5.1	GROOT	3.7
VENITO	1.7	UPSWING	1.5	MORANT	5.2	VENITO	3.7
YAMCHA	1.7	JUMANJI	1.6	MAINLINE	5.3	CAMDEN	4.0
INTRICATE	1.7	GOKU	1.6	MARTINI	5.3	MATCHUP	4.0

ROBOT TRAITS

ROBOT EFFICIENCY		ROBOT INTERVAL		MILKING SPEED		RTP	
ESCAPADE	108	NOVAK P	109	RETREAT	113	HONEYCOMB	-1.04
INTRICATE	108	HANDY P RF	108	OFFSIDE	108	LUKAKU	-0.69
DOC HARDY	108	LAUNCH PP	107	YAMCHA	108	VENITO	-0.39
MATOS	107	LIMBIC	107	INTRICATE	107	AMPLUS	-0.38
RETREAT	106	WARMOND P RF	106	MORANT	107	LIGERO	-0.29
CAMDEN	105	NIPPON P	106	ESCAPADE	106	ENGINEER	-0.22
OFFSIDE	105	RIDGE	106	FUMAGALLI	106	MAXIMO	0.03
YAMCHA	104	MANSION	106	MATOS	106	CAMDEN	0.05
LANGLEY	104	NOMINATOR	106	DOC HARDY	106	FLIGHTPLAN	0.14
MORANT	104	BLESSING	106	HOTLINE	106	JUMANJI	0.18

Trait Heritability

INDEXES

NM\$		CM\$		NVI	
FUGLEMAN	1069	FUGLEMAN	1088	LAUNCH PP	362
CURVEBALL	1052	ENGINEER	1067	NOMINATOR	355
ENGINEER	1043	CURVEBALL	1062	MANSION	346
OFFSIDE	1010	OFFSIDE	1030	NIPPON P	343
HONEYCOMB	1009	HONEYCOMB	1028	FRAGRANT	339
TOMBOLA	999	TOMBOLA	1015	LIMBIC	335
GONZO	996	GONZO	1013	NOVAK P	315
FACTOTUM	990	FACTOTUM	1006	ELOY RF	310
GOGETA	974	GOGETA	986	BELIEVER	306
HALFTIME	965	HALFTIME	984	FUGLEMAN	304

GTPI		GM\$		FM\$	
FUGLEMAN	3033	CURVEBALL	992	CURVEBALL	986
ENGINEER	3003	TOMBOLA	992	FUGLEMAN	938
UPSWING	3001	ENGINEER	987	HONEYCOMB	899
FACTOTUM	2992	FUGLEMAN	979	GOGETA	891
CURVEBALL	2974	OFFSIDE	976	ENGINEER	887
GOKU	2964	FACTOTUM	962	ESCAPADE	886
GONZO	2954	GOGETA	939	TOMBOLA	883
TOMBOLA	2949	HONEYCOMB	935	FACTOTUM	882
YAMCHA	2944	PUKKA	929	GONZO	880
INTRICATE	2939	GONZO	922	YAMCHA	879

CONFORMATION

PTAT		UDC		FLC	
DOC HARDY	3.38	DOC HARDY	2.45	DOC HARDY	1.52
HOTLINE	2.89	HOTLINE	2.40	HOTLINE	1.29
FUMAGALLI	1.86	FACTOTUM	2.23	LUKAKU	1.05
BULLRUSH	1.82	BULLRUSH	1.89	YAMCHA	1.02
UPSWING	1.71	FUMAGALLI	1.77	UPSWING	0.95
INTRICATE	1.69	GONZO	1.77	FUMAGALLI	0.90
FUGLEMAN	1.67	FUGLEMAN	1.69	ENGINEER	0.86
ESCAPADE	1.58	GROOT	1.68	CURVEBALL	0.85
HALFTIME	1.55	MARTINI	1.57	SPARKPLUG	0.83
KRILLIN	1.48	KRILLIN	1.50	MATOS	0.81

TEAT LENGTH		BIRTH WEIGHT		LOC	
DOC HARDY	1.09	MORANT	103	WIRDUM	111
BANNER	0.92	ESCAPADE	102	LAUNCH PP	110
HALFTIME	0.85	KRILLIN	102	MANSION	108
JUMANJI	0.40	FUMAGALLI	102	ELOY RF	108
AMPLUS	0.28	FERRY	102	XANDER	108
PINE	0.11	MATOS	102	RIDGE	108
SHAWARMA	0.07	MARTINI	102	LIMBIC	107
ENGINEER	0.00	RETREAT	101	PADDOCK PP	107
MARTINI	0.00	GOGETA	101	NOMINATOR	106
GOKU	-0.02	ELOY RF	100	JACUZZI	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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Marda **Ace** 8167

097AN00046

Jindra Acclaim x Marda Asti 628

BW	WW	YW	Marb	RE	CW
1.4	78	141	0.56	0.69	76



MSU CRV **Dark Knight** 041

097AN00001

S A V Pioneer 7301 x MSU Elba 824

BW	WW	YW	Marb	RE	CW
2.1	66	119	0.44	0.64	37



Baldrige **Cyclone** F289

097AN00048

Baldrige Command C036 x Baldrige Isabel B061

BW	WW	YW	Marb	RE	CW
-0.3	73	144	0.88	0.75	58



Highbanks **Southside** A22-F5

097AN00042

WAR Southside D001 B018 x Highbanks Vale 3122

BW	WW	YW	Marb	RE	CW
-0.1	72	138	0.7	1.16	74

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