

Spring  
2022

# Holstein Sire Directory



BETTER COWS > BETTER LIFE

CRV, leading  
in health and efficiency



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Information from CDCB 04.22 production and HA 04.22 type evaluations

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# FEED EFFICIENCY

**LOWER FEED COSTS  
AND A POSITIVE  
IMPACT ON THE  
ENVIRONMENT**

## What does breeding for feed efficiency look like?

The balance between health and efficiency is what makes CRV's breeding program so unique; a healthy and trouble-free herd that efficiently converts feed into milk and guarantees high lifetime production. Achieving this balance is key to sustainable milk production and creating a better life for cows and farmers.

	Feed Efficiency	Body Weight	Milk Production <sup>1</sup>	Dry Matter Intake	Concentrates/ Lbs. Milk <sup>2</sup>	Profit per Day
<b>Top 25% for FE</b>	1.9	1490 lbs.	93 lbs.	50 lbs.	0.22	<b>\$10.40</b>
<b>Bottom 25% for FE</b>	1.4	1536 lbs.	72 lbs.	52 lbs.	0.27	<b>\$6.90</b>
<b>Difference</b>	0.5	-46 lbs.	21 lbs.	-2 lbs.	-0.05	<b>\$3.50</b>

<sup>1</sup> Lbs Milk = Lbs FPCM with 4.0% fat and 3.3% protein.

<sup>2</sup> Milk price \$0.16, concentrate price \$0.12, roughage price \$0.07.

**25% BEST COWS > 50% MORE PROFIT**



**BETTER COWS > BETTER LIFE**

**Want to learn more about CRV genetics?**

Visit our website at [CRV4all.us](http://CRV4all.us) or call **608-441-3202**.

# 097HO42630 MERLE



Merle

## SANDY-VALLEY MERLE-ET

Conway x Legacy x  
Rubicon  
HO840003209481533

DOB: 1/12/21  
99% RHA

Beta Casein: A1A2  
Kappa Casein: BE

Sire: Sandy Valley R Conway-ET  
Dam: Sandy Valley Sugar  
High-ET

**NEW**  
**CREATE**

### CRV EFFICIENCY 14%

Longevity	338
Feed Efficiency	107
CFP	183

### CRV HEALTH 1%

Hoof Health	99
Udder Health	102
Fertility	100

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1132	SCS	2.75
Fat	123	Fat %	0.27
Protein	60	Protein %	0.09

### HEALTH TRAITS

PL	5.2	Livability	1.7
Clinical Mastitis	101	Subclinical Mastitis	102
Temperament	105	Persistency	107
Ketosis	2.0		

### CALVING TRAITS

Calf Survival	-	SCE	2.6
BW	102	EFC	3.9
DCE	2.6		

### INDEXES

CM\$	1094	NVI	228
NM\$	1074	GM\$	1012
FM\$	945	GTPI	3006

### MILK ROBOT

Efficiency 100 Interval 99

### CDCB HEALTH

Metritis	0.7	DA	0.3
Retained Placenta	-0.2	Milk Fever	-0.1

### FERTILITY

DPR	-1.0	HCR	1.6
SSB	6.8	CCR	0.4
DSB	5.5	SCR	0.0
Birth Index	102	Gest. Length	0.6

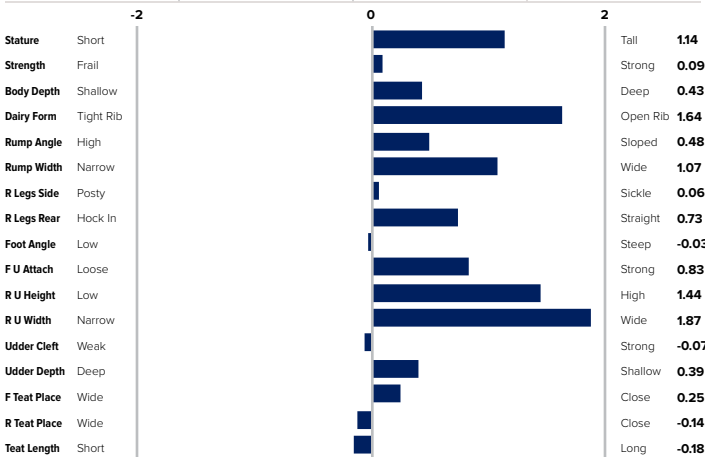
### FEED EFFICIENCY

Feed Saved	107	MUN	-0.1
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### CONFORMATION

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

PTAT	1.10	UDC	0.76	FLC	-0.04	LOC	97
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# 097HO42585 ZURI



Car-Roy-Al Jennie 4713-ET, Granddam of Zuri

## TERRA-CALROY ZURI-ET

Altazazzle x Tahiti x Yoder  
HO840003215568846

DOB: 10/18/20  
aAa: 234165  
99% RHA

Beta Casein: A2A2  
Kappa Casein: BB

Sire: PEAK ALTAZAZZLE-ET  
Dam: CAL-ROY-AL TAHITI  
10346-ET

**CREATE**

### CRV EFFICIENCY 18%

Longevity	527
Feed Efficiency	109
CFP	188

### CRV HEALTH 5%

Hoof Health	104
Udder Health	102
Fertility	101

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1231	SCS	2.91
Fat	129	Fat %	0.28
Protein	59	Protein %	0.07

### HEALTH TRAITS

PL	3.1	Livability	0.0
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	105	Persistency	102
Ketosis	1.9		

### CALVING TRAITS

Calf Survival	-	SCE	1.8
BW	98	EFC	4.6
DCE	1.8		

### INDEXES

CM\$	1047	NVI	304
NM\$	1033	GM\$	1004
FM\$	927	GTPI	3039

### MILK ROBOT

Efficiency 107 Interval 103

### CDCB HEALTH

Metritis	2.3	DA	0.5
Retained Placenta	0.5	Milk Fever	-0.1

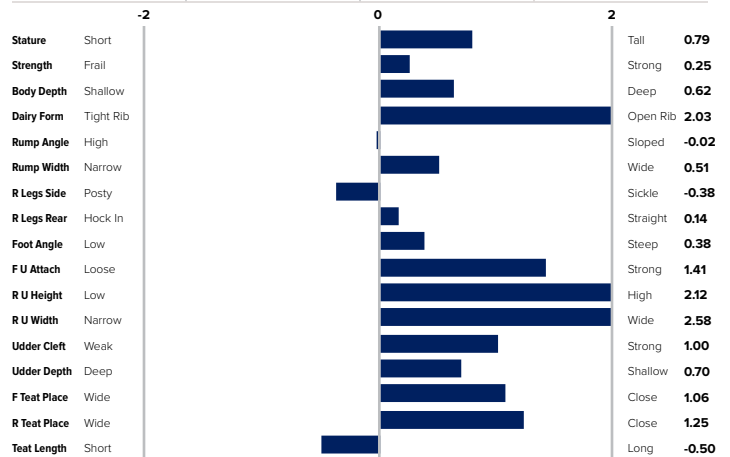
### FEED EFFICIENCY

Feed Saved	111	MUN	0.4
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### CONFORMATION

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

PTAT	1.63	UDC	1.54	FLC	0.49	LOC	97
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# 097HO42628 TICTOC



Tictoc

## CRV EFFICIENCY 17%

Longevity	<b>349</b>
Feed Efficiency	<b>110</b>
CFP	<b>197</b>

## CRV HEALTH 4%

Hoof Health	<b>101</b>
Udder Health	<b>103</b>
Fertility	<b>102</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	<b>1840</b>	Fat	<b>127</b>	Fat %	<b>0.19</b>
SCS	<b>2.93</b>	Protein	<b>70</b>	Protein %	<b>0.04</b>

## HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis
<b>4.8</b>	<b>1.2</b>	<b>102</b>	<b>103</b>	<b>104</b>	<b>105</b>	<b>2.3</b>

## CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
<b>-</b>	<b>1.8</b>	<b>97</b>	<b>3.1</b>	<b>1.8</b>

## MILK ROBOT

Efficiency	Interval
<b>102</b>	<b>104</b>

## NEW CREATE

### SIEMERS TICTOC-ET

Alphabet x Lionel x Delta

HO840003218556335

DOB: 2/13/2021

aAa: 234165

99% RHA

Beta Casein: A1A2

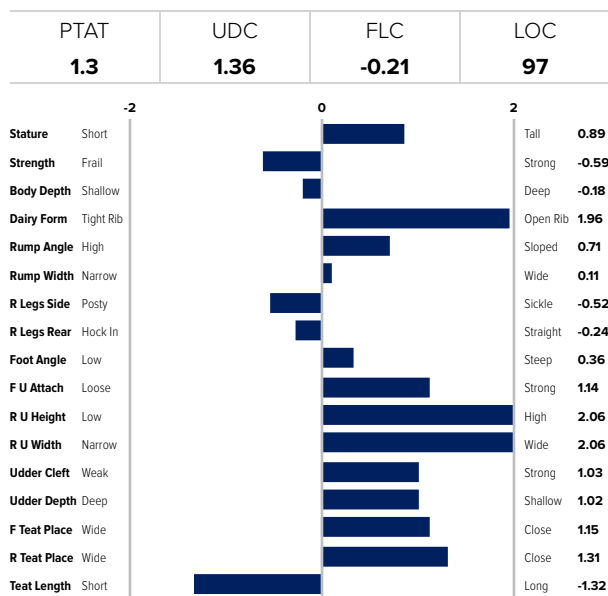
Kappa Casein: BB

Sire: OCD HELIX ALPHABET-ET

Dam: SIEMERS LINL THYME 31413-ET

## CONFORMATION

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



## INDEXES

CM\$	<b>1154</b>	NVI	<b>266</b>
NM\$	<b>1145</b>	GM\$	<b>1108</b>
FM\$	<b>1073</b>	GTPI	<b>3074</b>

## CDCB HEALTH

Metritis	<b>0</b>	DA	<b>0.5</b>
Retained Placenta	<b>-0.5</b>	Milk Fever	<b>0.1</b>

## FERTILITY

DPR	<b>-0.6</b>	HCR	<b>0.4</b>
SSB	<b>5.4</b>	CCR	<b>0.1</b>
DSB	<b>5.7</b>	SCR	<b>0.0</b>
Birth Index	<b>103</b>	Gestation Length	<b>-3.1</b>

## FEED EFFICIENCY

Feed Saved	<b>183</b>	MUN	<b>0.0</b>
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# 097HO42510 FUGLEMAN



Fugleman

**PEAK FUGLEMAN-ET**  
 Altazazzle x Positive x Medley  
 HO840003215425396  
**DOB:** 4/20/20  
**aAa:** 516324  
**99% RHA**  
**DMS:** 126123  
**GFI:** 10.1%  
**Beta Casein: A1A2**  
**Kappa Casein: BB**  
**Sire:** Peak Altazazzle-ET  
**Dam:** Peak Maraca-ET

**CREATE**

# 097HO42657 LAVEZZI



**PEAK LAVEZZI-ET**  
 Altazazzle x Pursuit x Medley  
 HO840003224955911  
**DOB:** 12/9/20  
**99% RHA**  
**Beta Casein: A1A2**  
**Kappa Casein: BB**  
**Sire:** PEAK ALTAZAZZLE-ET  
**Dam:** PEAK MNDLN PRSUT 82166-ET

**NEW**  
**CREATE**

## CRV EFFICIENCY 16%

Longevity	<b>464</b>
Feed Efficiency	<b>108</b>
CFP	<b>176</b>

## CRV HEALTH 3%

Hoof Health	<b>103</b>
Udder Health	<b>100</b>
Fertility	<b>104</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>1392</b>	SCS	<b>2.81</b>
Fat	<b>108</b>	Fat %	<b>0.19</b>
Protein	<b>68</b>	Protein %	<b>0.08</b>

## HEALTH TRAITS

PL	<b>5.0</b>	Livability	<b>2.3</b>
Clinical Mastitis	<b>100</b>	Subclinical Mastitis	<b>101</b>
Temperament	<b>104</b>	Persistency	<b>105</b>
Ketosis	<b>1.8</b>		

## CALVING TRAITS

Calf Survival	-	SCE	<b>1.8</b>
BW	<b>99</b>	EFC	<b>1.4</b>
DCE	<b>2.2</b>		

## INDEXES

CM\$	<b>1043</b>	NVI	<b>302</b>
NM\$	<b>1025</b>	GM\$	<b>934</b>
FM\$	<b>896</b>	GTPI	<b>3016</b>

## MILK ROBOT

Efficiency	<b>103</b>	Interval	<b>100</b>
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## CDCB HEALTH

Metritis	<b>1.8</b>	DA	<b>0.2</b>
Retained Placenta	<b>0.4</b>	Milk Fever	<b>0.1</b>

## FERTILITY

DPR	<b>-1.9</b>	HCR	<b>-1.7</b>
SSB	<b>6.4</b>	CCR	<b>-1.4</b>
DSB	<b>6.2</b>	SCR	<b>0.0</b>
Birth Index	<b>100</b>	Gest. Length	<b>-2.9</b>

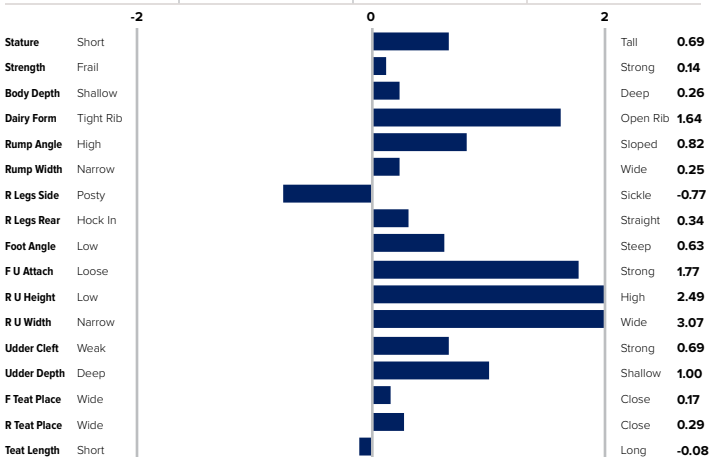
## FEED EFFICIENCY

Feed Saved	<b>45</b>	MUN	<b>-0.1</b>
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## CONFORMATION

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

PTAT	<b>1.76</b>	UDC	<b>1.83</b>	FLC	<b>0.66</b>	LOC	<b>96</b>
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## CRV EFFICIENCY 13%

Longevity	<b>449</b>
Feed Efficiency	<b>107</b>
CFP	<b>173</b>

## CRV HEALTH 5%

Hoof Health	<b>102</b>
Udder Health	<b>104</b>
Fertility	<b>105</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>1414</b>	SCS	<b>2.78</b>
Fat	<b>111</b>	Fat %	<b>0.19</b>
Protein	<b>62</b>	Protein %	<b>0.06</b>

## HEALTH TRAITS

PL	<b>4.4</b>	Livability	<b>1.6</b>
Clinical Mastitis	<b>102</b>	Subclinical Mastitis	<b>105</b>
Temperament	<b>106</b>	Persistency	<b>100</b>
Ketosis	<b>1.8</b>		

## CALVING TRAITS

Calf Survival	-	SCE	<b>1.6</b>
BW	<b>98</b>	EFC	<b>3.3</b>
DCE	<b>1.1</b>		

## INDEXES

CM\$	<b>1038</b>	NVI	<b>284</b>
NM\$	<b>1022</b>	GM\$	<b>979</b>
FM\$	<b>924</b>	GTPI	<b>3040</b>

## MILK ROBOT

Efficiency	<b>106</b>	Interval	<b>102</b>
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## CDCB HEALTH

Metritis	<b>2.5</b>	DA	<b>0.5</b>
Retained Placenta	<b>0.5</b>	Milk Fever	<b>0.1</b>

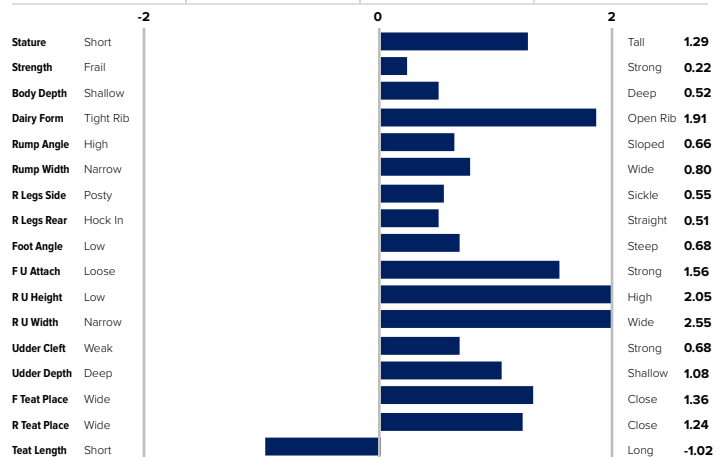
## FEED EFFICIENCY

Feed Saved	<b>40</b>	MUN	<b>0.2</b>
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## CONFORMATION

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

PTAT	<b>1.67</b>	UDC	<b>1.46</b>	FLC	<b>0.69</b>	LOC	<b>97</b>
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# 097HO42587 PARKER



Synergy Brass Piper, Dam of Parker

## CRV EFFICIENCY 13%

Longevity	<b>405</b>
Feed Efficiency	<b>106</b>
CFP	<b>149</b>

## CRV HEALTH 5%

Hoof Health	<b>101</b>
Udder Health	<b>102</b>
Fertility	<b>102</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	<b>1330</b>	Fat	<b>88</b>	Fat %	<b>0.13</b>
SCS	<b>2.83</b>	Protein	<b>61</b>	Protein %	<b>0.07</b>

## HEALTH TRAITS

PL	Livability	Clinical Mastitis	Subclinical Mastitis	Temperament	Persistency	Ketosis
<b>4.5</b>	<b>0.9</b>	<b>101</b>	<b>102</b>	<b>104</b>	<b>103</b>	<b>1.0</b>

## CALVING TRAITS

Calf Survival	SCE	BW	EFC	DCE
-	<b>2.4</b>	<b>102</b>	<b>2.5</b>	<b>2.4</b>

## MILK ROBOT

Efficiency	Interval
<b>105</b>	<b>102</b>

## CREATE

### FUSTSYN PARKER-ET

Pari x Brass x Delta  
HO840003128190241

DOB: 11/29/20

aAa: 234165

99% RHA

Beta Casein: **A2A2**

Kappa Casein: **BB**

Sire: SIEMERS RENG D PARI 30991-ET

Dam: SYNERGY BRASS PIPER-ET

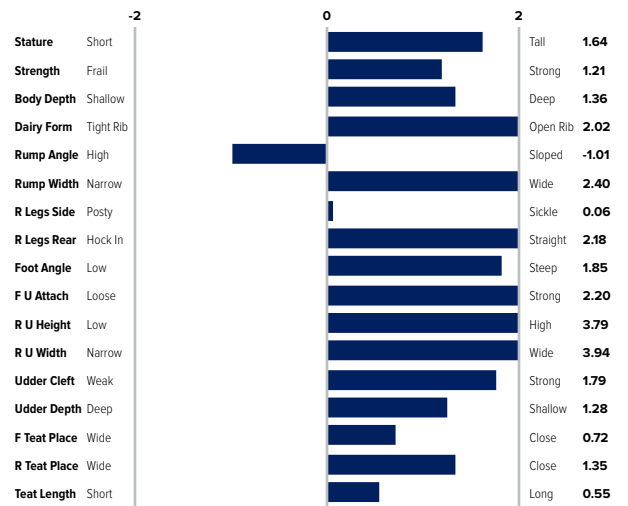


Parker

## CONFORMATION

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

PTAT	UDC	FLC	LOC
<b>2.78</b>	<b>2.42</b>	<b>1.62</b>	<b>101</b>



## INDEXES

CM\$	<b>928</b>	NVI	<b>240</b>
NM\$	<b>913</b>	GM\$	<b>865</b>
FM\$	<b>809</b>	GTPI	<b>3043</b>

## CDCB HEALTH

Metritis	<b>0.9</b>	DA	<b>0.6</b>
Retained Placenta	<b>-0.4</b>	Milk Fever	<b>0.0</b>

## FERTILITY

DPR	<b>-0.6</b>	HCR	<b>1.5</b>
SSB	<b>6.4</b>	CCR	<b>0.3</b>
DSB	<b>5.0</b>	SCR	<b>0.0</b>
Birth Index	<b>107</b>	Gestation Length	<b>0.8</b>

## FEED EFFICIENCY

Feed Saved	<b>27</b>	MUN	<b>0.3</b>
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# 097HO42579 GRANDMASTER



Grandmaster

**PROGENESIS**  
**GRANDMASTER-ET**  
 Altazazzle x Tahiti x  
 Rubicon  
 HOCAN000013807680

**DOB:** 7/4/20  
**aAa:** 234156  
**99% RHA**

**Beta Casein: A1A2**  
**Kappa Casein: BB**

**Sire:** PEAK ALTAZAZZLE-ET  
**Dam:** TERRA-LINDA TAHITI  
 MAITAI-ET

**CREATE**

# 097HO42623 THRIFTY



Thrifty

**MAPLEHURST THRIFTY-ET**  
 Torro x Billy x Matters  
 HO840003221096994

**DOB:** 1/20/21  
**99% RHA**

**Beta Casein: A2A2**  
**Kappa Casein: AB**

**Sire:** Peak Altazazzle-ET  
**Dam:** Terra-Linda Tahiti Maitai-ET

**NEW**  
**CREATE**

## CRV EFFICIENCY 13%

Longevity	<b>438</b>
Feed Efficiency	<b>106</b>
CFP	<b>169</b>

## CRV HEALTH 6%

Hoof Health	<b>101</b>
Udder Health	<b>101</b>
Fertility	<b>107</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>970</b>	SCS	<b>2.82</b>
Fat	<b>113</b>	Fat %	<b>0.26</b>
Protein	<b>56</b>	Protein %	<b>0.09</b>

## HEALTH TRAITS

PL	<b>5.3</b>	Livability	<b>2.9</b>
Clinical Mastitis	<b>100</b>	Subclinical Mastitis	<b>103</b>
Temperament	<b>103</b>	Persistency	<b>101</b>
Ketosis	<b>2.1</b>		

## CALVING TRAITS

Calf Survival	-	SCE	<b>1.3</b>
BW	<b>96</b>	EFC	<b>2.7</b>
DCE	<b>1.3</b>		

## INDEXES

CM\$	<b>1119</b>	NVI	<b>254</b>
NM\$	<b>1101</b>	GM\$	<b>1085</b>
FM\$	<b>969</b>	GTPI	<b>3018</b>

## MILK ROBOT

Efficiency	<b>104</b>	Interval	<b>98</b>
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## CDCB HEALTH

Metritis	<b>2.0</b>	DA	<b>0.4</b>
Retained Placenta	<b>0.0</b>	Milk Fever	<b>0.1</b>

## FERTILITY

DPR	<b>0.6</b>	HCR	<b>1.3</b>
SSB	<b>5.3</b>	CCR	<b>1.8</b>
DSB	<b>4.4</b>	SCR	<b>0.0</b>
Birth Index	<b>106</b>	Gest. Length	<b>-3.1</b>

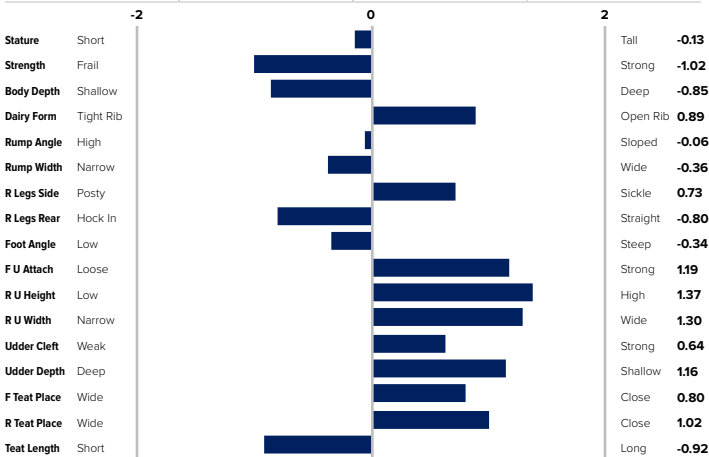
## FEED EFFICIENCY

Feed Saved	<b>479</b>	MUN	<b>-0.1</b>
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## CONFORMATION

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

PTAT	<b>0.77</b>	UDC	<b>1.26</b>	FLC	<b>-0.12</b>	LOC	<b>96</b>
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## CRV EFFICIENCY -%

Longevity	<b>350</b>
Feed Efficiency	-
CFP	<b>151</b>

## CRV HEALTH -%

Hoof Health	<b>100</b>
Udder Health	<b>102</b>
Fertility	<b>104</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>677</b>	SCS	<b>2.80</b>
Fat	<b>106</b>	Fat %	<b>0.28</b>
Protein	<b>45</b>	Protein %	<b>0.08</b>

## HEALTH TRAITS

PL	<b>5.3</b>	Livability	<b>3.0</b>
Clinical Mastitis	<b>101</b>	Subclinical Mastitis	<b>102</b>
Temperament	<b>105</b>	Persistency	-
Ketosis	<b>1.5</b>		

## CALVING TRAITS

Calf Survival	-	SCE	<b>1.6</b>
BW	<b>96</b>	EFC	<b>2.8</b>
DCE	<b>1.3</b>		

## INDEXES

CM\$	<b>1116</b>	NVI	<b>227</b>
NM\$	<b>1098</b>	GM\$	<b>1079</b>
FM\$	<b>976</b>	GTPI	<b>2943</b>

## MILK ROBOT

Efficiency	<b>98</b>	Interval	<b>102</b>
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## CDCB HEALTH

Metritis	<b>1.4</b>	DA	<b>0.2</b>
Retained Placenta	<b>0.0</b>	Milk Fever	<b>0.0</b>

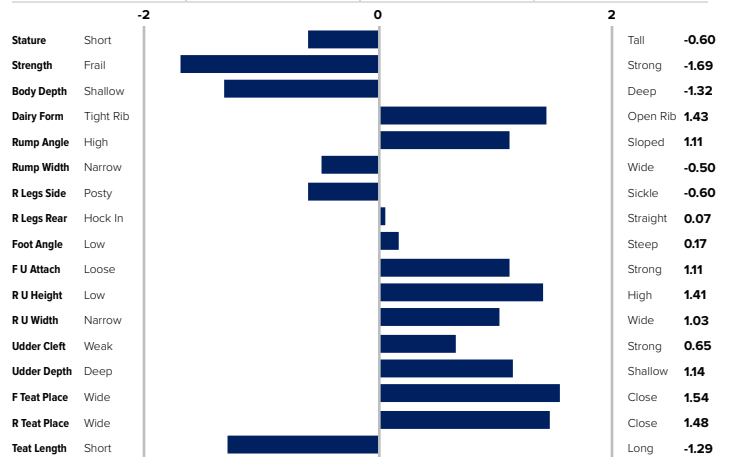
## FEED EFFICIENCY

Feed Saved	<b>186</b>	MUN	<b>0.1</b>
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## CONFORMATION

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

PTAT	<b>0.71</b>	UDC	<b>1.31</b>	FLC	<b>0.37</b>	LOC	<b>96</b>
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# 097HO42627 **ORONO**



**SIEMERS ORONO-ET**  
 Rozline x Delta-Lambda x Denver  
 HO840003218556309  
**DOB:** 2/8/21  
**99% RHA**  
**Beta Casein: A1A2**  
**Kappa Casein: BE**  
**Sire:** Fly-Higher Moonshiner-ET  
**Dam:** Welcome Legacy Gaye-ET

Siemers Denver Paris, Maternal Granddam of Orono



Orono

**NEW**  
**CREATE**

**CRV EFFICIENCY 9%**

Longevity	<b>163</b>
Feed Efficiency	<b>104</b>
CFP	<b>153</b>

**CRV HEALTH 2%**

Hoof Health	<b>101</b>
Udder Health	<b>100</b>
Fertility	<b>102</b>

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	<b>1458</b>	SCS	<b>2.85</b>
Fat	<b>86</b>	Fat %	<b>0.10</b>
Protein	<b>67</b>	Protein %	<b>0.07</b>

**HEALTH TRAITS**

PL	<b>4.3</b>	Livability	<b>0.4</b>
Clinical Mastitis	<b>99</b>	Subclinical Mastitis	<b>101</b>
Temperament	<b>101</b>	Persistency	<b>103</b>
Ketosis	<b>1.4</b>		

**CALVING TRAITS**

Calf Survival	-	SCE	<b>2.6</b>
BW	<b>101</b>	EFC	<b>0.8</b>
DCE	<b>2.5</b>		

**INDEXES**

CM\$	<b>911</b>	NVI	<b>193</b>
NM\$	<b>895</b>	GM\$	<b>867</b>
FM\$	<b>781</b>	GTPI	<b>3023</b>

**MILK ROBOT**

Efficiency	<b>102</b>	Interval	<b>101</b>
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**FERTILITY**

DPR	<b>-0.1</b>	HCR	<b>2.0</b>
SSB	<b>6.5</b>	CCR	<b>1.3</b>
DSB	<b>5.6</b>	SCR	<b>0.0</b>

**FEED EFFICIENCY**

Feed Saved	<b>-29</b>	MUN	<b>0.1</b>
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**CDCB HEALTH**

Metritis	<b>0.2</b>	DA	<b>0.8</b>
Retained Placenta	<b>0.2</b>	Milk Fever	<b>0.1</b>

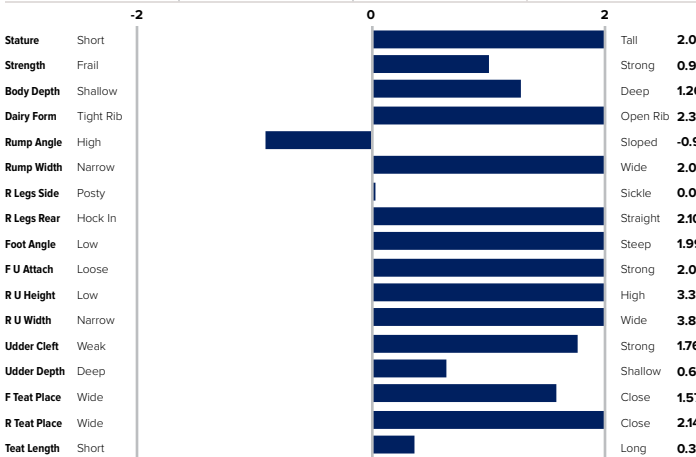
**Birth Index**

Birth Index	<b>103</b>	Gest. Length	<b>0.8</b>
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## CONFORMATION

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

PTAT	<b>2.34</b>	UDC	<b>2.05</b>	FLC	<b>1.53</b>	LOC	<b>100</b>
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# 097HO42625 **GUAM**



**WELCOME-TEL GUAM-ET**  
 Moonshiner x Legacy x Legendary  
 HO840003214541194  
**DOB:** 2/6/21  
**99% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: AA**  
**Sire:** Siemers Rg Rozlines 31339-ET  
**Dam:** Siemers Lmda Paris 27856 EX-91

Welcome Legendary Gale, Dam of Guam



Guam

**NEW**  
**CREATE**

**CRV EFFICIENCY 16%**

Longevity	<b>633</b>
Feed Efficiency	<b>107</b>
CFP	<b>156</b>

**CRV HEALTH 6%**

Hoof Health	<b>102</b>
Udder Health	<b>105</b>
Fertility	<b>104</b>

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>1351</b>	SCS	<b>2.72</b>
Fat	<b>94</b>	Fat %	<b>0.14</b>
Protein	<b>62</b>	Protein %	<b>0.07</b>

**HEALTH TRAITS**

PL	<b>5.8</b>	Livability	<b>0.6</b>
Clinical Mastitis	<b>103</b>	Subclinical Mastitis	<b>106</b>
Temperament	<b>105</b>	Persistency	<b>109</b>
Ketosis	<b>2.6</b>		

**CALVING TRAITS**

Calf Survival	-	SCE	<b>1.9</b>
BW	<b>98</b>	EFC	<b>4.7</b>
DCE	<b>2.2</b>		

**INDEXES**

CM\$	<b>1017</b>	NVI	<b>301</b>
NM\$	<b>1000</b>	GM\$	<b>958</b>
FM\$	<b>890</b>	GTPI	<b>3034</b>

**MILK ROBOT**

Efficiency	<b>101</b>	Interval	<b>103</b>
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**FERTILITY**

DPR	<b>0.4</b>	HCR	<b>2.3</b>
SSB	<b>5.6</b>	CCR	<b>1.7</b>
DSB	<b>4.0</b>	SCR	<b>0.0</b>

**FEED EFFICIENCY**

Feed Saved	<b>-19</b>	MUN	<b>0.2</b>
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**CDCB HEALTH**

Metritis	<b>1.4</b>	DA	<b>0.4</b>
Retained Placenta	<b>0.2</b>	Milk Fever	<b>0.0</b>

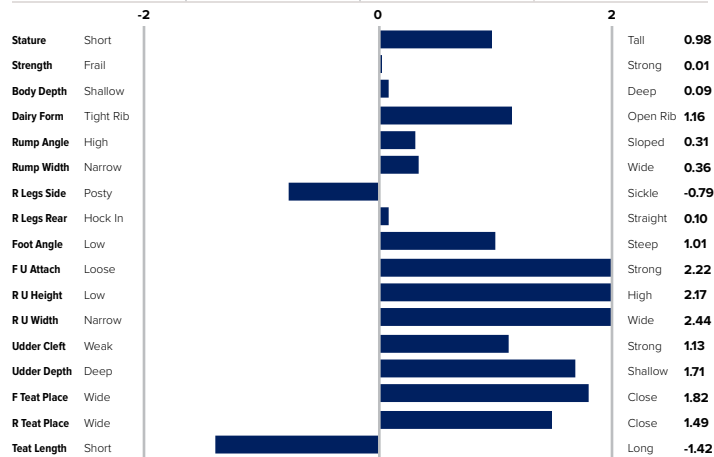
**Birth Index**

Birth Index	<b>105</b>	Gest. Length	<b>-0.6</b>
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## CONFORMATION

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

PTAT	<b>1.74</b>	UDC	<b>1.84</b>	FLC	<b>-0.08</b>	LOC	<b>98</b>
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# 097HO42536 CURVEBALL



Curveball

**PEAK CURVEBALL-ET**  
 Fastball x Altatopshot x Mr Mogul Delta  
 HO840003215743635  
**DOB:** 5/25/20  
**aAa:** 243615  
**99% RHA**  
**DMS:** 345456  
**GFI:** 10.0%  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** Bomax Fastball-ET  
**Dam:** Bomax Maddie-ET

## CRV EFFICIENCY 14%

Longevity	<b>463</b>
Feed Efficiency	<b>106</b>
CFP	<b>155</b>

## CRV HEALTH 5%

Hoof Health	<b>105</b>
Udder Health	<b>100</b>
Fertility	<b>106</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	<b>1596</b>	SCS	<b>2.83</b>
Fat	<b>94</b>	Fat %	<b>0.11</b>
Protein	<b>61</b>	Protein %	<b>0.04</b>

## HEALTH TRAITS

PL	<b>5.9</b>	Livability	<b>1.6</b>
Clinical Mastitis	<b>100</b>	Subclinical Mastitis	<b>101</b>
Temperament	<b>104</b>	Persistency	<b>100</b>
Ketosis	<b>1.5</b>		

## CALVING TRAITS

Calf Survival	-	SCE	<b>2.2</b>
BW	<b>98</b>	EFC	<b>6.9</b>
DCE	<b>2.5</b>		

## INDEXES

CM\$	<b>1030</b>	NVI	<b>270</b>
NM\$	<b>1020</b>	GM\$	<b>951</b>
FM\$	<b>953</b>	GTPI	<b>2936</b>

## MILK ROBOT

Efficiency	<b>99</b>	Interval	<b>102</b>
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## CDCB HEALTH

Metritis	<b>0.8</b>	DA	<b>0.7</b>
Retained Placenta	<b>-0.4</b>	Milk Fever	<b>0.0</b>

## FERTILITY

DPR	<b>-0.5</b>	HCR	<b>0.6</b>
SSB	<b>4.8</b>	CCR	<b>0.0</b>
DSB	<b>5.0</b>	SCR	<b>0.0</b>
Birth Index	<b>104</b>	Gest. Length	<b>-1.0</b>

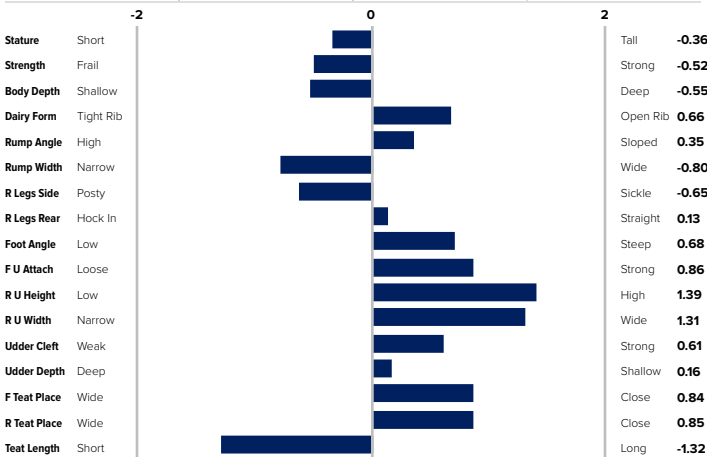
## FEED EFFICIENCY

Feed Saved	<b>143</b>	MUN	<b>0.0</b>
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## CONFORMATION

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

PTAT	<b>0.84</b>	UDC	<b>1.00</b>	FLC	<b>0.76</b>	LOC	<b>101</b>
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# 097HO42425 ENGINEER



Pine Tree 5976 Prop 7829, Dam of Engineer



Engineer

**PINE-TREE ENGINEER-ET**  
 Pursuit x Prophecy x Delta  
 HO840003150687548  
**DOB:** 11/15/19  
**aAa:** 351426  
**99% RHA**  
**DMS:** 561135  
**GFI:** 10.6%  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** Pine-Tree-I Pursuit-ET  
**Dam:** Pine-Tree 5976 Prop 7829-ET

## CRV EFFICIENCY 11%

Longevity	<b>438</b>
Feed Efficiency	<b>104</b>
CFP	<b>159</b>

## CRV HEALTH 3%

Hoof Health	<b>99</b>
Udder Health	<b>102</b>
Fertility	<b>103</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	<b>824</b>	SCS	<b>2.75</b>
Fat	<b>103</b>	Fat %	<b>0.25</b>
Protein	<b>56</b>	Protein %	<b>0.11</b>

## HEALTH TRAITS

PL	<b>6.4</b>	Livability	<b>3.2</b>
Clinical Mastitis	<b>101</b>	Subclinical Mastitis	<b>102</b>
Temperament	<b>106</b>	Persistency	<b>104</b>
Ketosis	<b>1.5</b>		

## CALVING TRAITS

Calf Survival	-	SCE	<b>2.0</b>
BW	<b>100</b>	EFC	<b>4.5</b>
DCE	<b>2.0</b>		

## INDEXES

CM\$	<b>1035</b>	NVI	<b>207</b>
NM\$	<b>1012</b>	GM\$	<b>949</b>
FM\$	<b>858</b>	GTPI	<b>2994</b>

## MILK ROBOT

Efficiency	<b>103</b>	Interval	<b>105</b>
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## CDCB HEALTH

Metritis	<b>1.1</b>	DA	<b>0.4</b>
Retained Placenta	<b>0.0</b>	Milk Fever	<b>0.1</b>

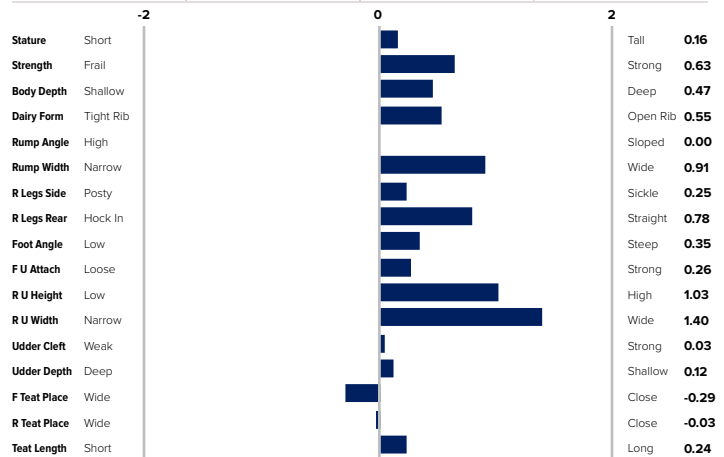
## FEED EFFICIENCY

Feed Saved	<b>-70</b>	MUN	<b>0.3</b>
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## CONFORMATION

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

PTAT	<b>1.02</b>	UDC	<b>0.60</b>	FLC	<b>1.00</b>	LOC	<b>98</b>
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# 097HO42613 GAOCHAN



Gaochan

## TERRA-LINDA GAOCHAN-ET

Acura x Jedi x Althatrod  
HO840003208782876

DOB: 12/3/20  
99% RHA

Beta Casein: A2A2  
Kappa Casein: AB

Sire: Pine-Tree 7019 Achie  
132-ET

Dam: RI-VAL-RE JEDI 9925-ET  
VG-85

**NEW**  
**CREATE**

### CRV EFFICIENCY -%

Longevity	498
Feed Efficiency	-
CFP	182

### CRV HEALTH -%

Hoof Health	-
Udder Health	100
Fertility	101

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	2785	SCS	2.96
Fat	90	Fat %	-0.06
Protein	92	Protein %	0.02

### HEALTH TRAITS

PL	4.5	Livability	0.7
Clinical Mastitis	100	Subclinical Mastitis	100
Temperament	-	Persistency	-
Ketosis	1.7		

### CALVING TRAITS

Calf Survival	-	SCE	2.6
BW	-	EFC	5.3
DCE	2.4		

### INDEXES

CM\$	1046	NVI	-
NM\$	1041	GM\$	1002
FM\$	1000	GTPI	2954

### MILK ROBOT

Efficiency	-	Interval	-
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### CDCB HEALTH

Metritis	1.5	DA	0.5
Retained Placenta	0.0	Milk Fever	0.0

### FERTILITY

DPR	-0.6	HCR	2.0
SSB	5.9	CCR	0.9
DSB	5.3	SCR	0.0
Birth Index	101	Gest. Length	0.0

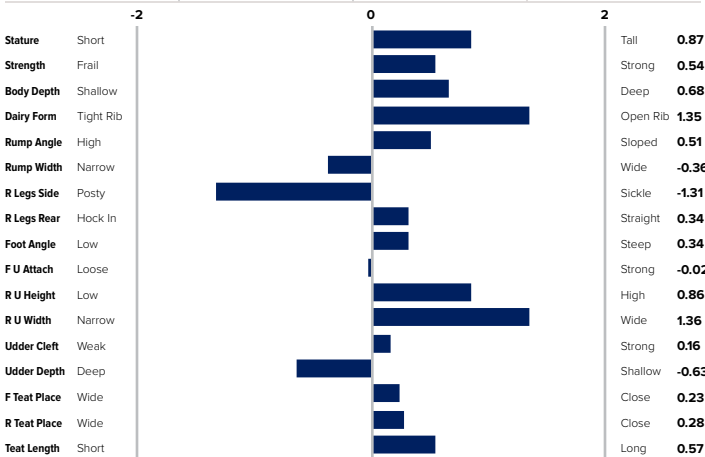
### FEED EFFICIENCY

Feed Saved	100	MUN	-
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### CONFORMATION

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

PTAT	0.48	UDC	0.18	FLC	-0.07	LOC	101
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# 097HO42682 ZICO



## PEAK ZICO-ET

Altajump Cut x Pursuit x  
Altatopshot  
HO840003219939860

DOB: 1/13/21  
99% RHA

Beta Casein: A2A2  
Kappa Casein: BB

Sire: CO-OP HH JOSPR JUMP  
CUT-ET

Dam: PEAK ZNITH PRSUT  
62445-ET

**NEW**

### CRV EFFICIENCY 16%

Longevity	525
Feed Efficiency	109
CFP	159

### CRV HEALTH 5%

Hoof Health	103
Udder Health	103
Fertility	103

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	2132	SCS	2.72
Fat	83	Fat %	0.00
Protein	76	Protein %	0.03

### HEALTH TRAITS

PL	6.0	Livability	1.0
Clinical Mastitis	102	Subclinical Mastitis	103
Temperament	106	Persistency	107
Ketosis	2.0		

### CALVING TRAITS

Calf Survival	-	SCE	2.4
BW	101	EFC	3.7
DCE	2.1		

### INDEXES

CM\$	1018	NVI	286
NM\$	1006	GM\$	907
FM\$	940	GTPI	2983

### MILK ROBOT

Efficiency	105	Interval	102
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### CDCB HEALTH

Metritis	1.5	DA	0.5
Retained Placenta	-0.1	Milk Fever	-0.1

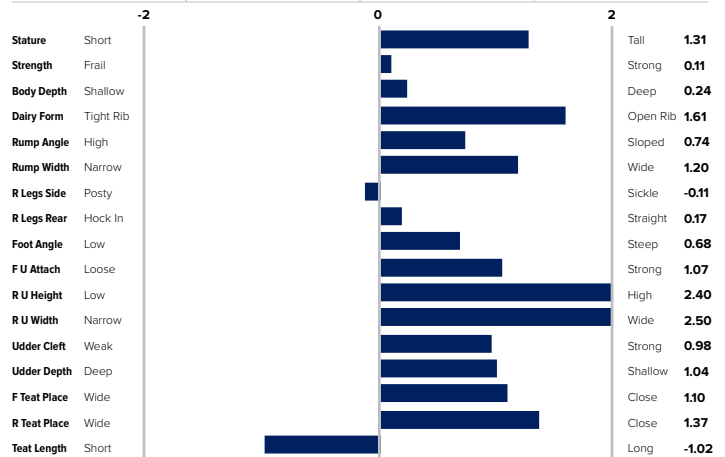
### FEED EFFICIENCY

Feed Saved	2	MUN	0.2
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### CONFORMATION

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

PTAT	1.47	UDC	1.45	FLC	0.31	LOC	98
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# 097HO42424 UPSWING



Upswing

**PEAK UPSWING-ET**  
 Pursuit x Duke x Rubicon  
 HO840003209641351  
**DOB:** 8/31/19  
**aAa:** 243  
**99% RHA**  
**DMS:** 234345  
**GFI:** 10.7%  
**Beta Casein: A2A2**  
**Kappa Casein: AA**  
**Sire:** Pine-Tree-I Pursuit-ET  
**Dam:** Peak Marge-ET

# 097HO42610 HOTPOT



Car-Roy-Al Jennie 4713-ET, Maternal Granddam Hotpot

**TERRA-LINDA HOTPOT-ET**  
 Fortnite x Tahiti x Yoder  
 HO840003220410055  
**DOB:** 11/18/20  
**99% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** PEAK POSTV FORTNITE-ET  
**Dam:** CAL-ROY-AL TAHITI  
 10346-ET



Hotpot

**NEW**  
**CREATE**

## CRV EFFICIENCY 12%

Longevity	<b>581</b>
Feed Efficiency	<b>106</b>
CFP	<b>162</b>

## CRV HEALTH 6%

Hoof Health	<b>103</b>
Udder Health	<b>102</b>
Fertility	<b>105</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	<b>1118</b>	SCS	<b>2.85</b>
Fat	<b>109</b>	Fat %	<b>0.23</b>
Protein	<b>53</b>	Protein %	<b>0.06</b>

## HEALTH TRAITS

PL	<b>5.2</b>	Livability	<b>0.3</b>
Clinical Mastitis	<b>101</b>	Subclinical Mastitis	<b>103</b>
Temperament	<b>104</b>	Persistency	<b>107</b>
Ketosis	<b>1.9</b>		

## CALVING TRAITS

Calf Survival	<b>97</b>	SCE	<b>1.6</b>
BW	<b>100</b>	EFC	<b>2.8</b>
DCE	<b>1.3</b>		

## INDEXES

CM\$	<b>975</b>	NVI	<b>264</b>
NM\$	<b>961</b>	GM\$	<b>907</b>
FM\$	<b>865</b>	GTPI	<b>2996</b>

## MILK ROBOT

Efficiency **102** Interval **103**

## CDCB HEALTH

Metritis	<b>0.8</b>	DA	<b>0.8</b>
Retained Placenta	<b>-0.2</b>	Milk Fever	<b>0.1</b>

## FERTILITY

DPR	<b>-0.3</b>	HCR	<b>3.3</b>
SSB	<b>6.1</b>	CCR	<b>0.9</b>
DSB	<b>4.0</b>	SCR	<b>0.5</b>
Birth Index	<b>106</b>	Gest. Length	<b>-1.5</b>

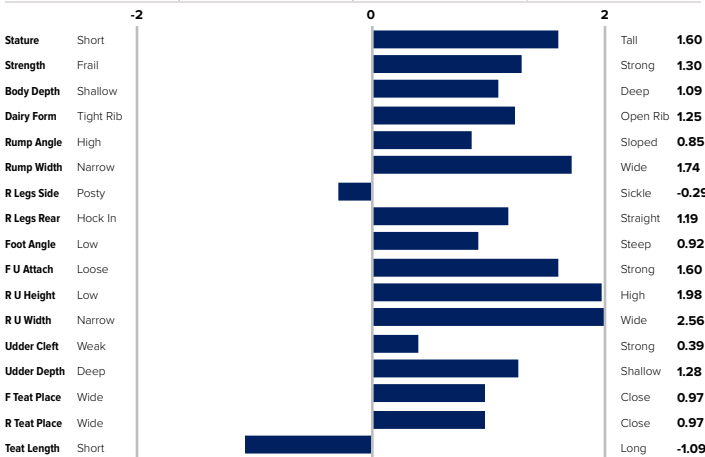
## FEED EFFICIENCY

Feed Saved	<b>-52</b>	MUN	<b>-0.1</b>
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## CONFORMATION

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

PTAT	<b>1.69</b>	UDC	<b>1.38</b>	FLC	<b>0.89</b>	LOC	<b>101</b>
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## CRV EFFICIENCY 17%

Longevity	<b>614</b>
Feed Efficiency	<b>109</b>
CFP	<b>170</b>

## CRV HEALTH 6%

Hoof Health	<b>104</b>
Udder Health	<b>104</b>
Fertility	<b>102</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>1081</b>	SCS	<b>2.85</b>
Fat	<b>118</b>	Fat %	<b>0.26</b>
Protein	<b>52</b>	Protein %	<b>0.06</b>

## HEALTH TRAITS

PL	<b>4.4</b>	Livability	<b>0.8</b>
Clinical Mastitis	<b>102</b>	Subclinical Mastitis	<b>105</b>
Temperament	<b>105</b>	Persistency	<b>101</b>
Ketosis	<b>2.1</b>		

## CALVING TRAITS

Calf Survival	<b>-</b>	SCE	<b>1.8</b>
BW	<b>97</b>	EFC	<b>1.5</b>
DCE	<b>1.8</b>		

## INDEXES

CM\$	<b>1060</b>	NVI	<b>275</b>
NM\$	<b>1047</b>	GM\$	<b>1013</b>
FM\$	<b>950</b>	GTPI	<b>2925</b>

## MILK ROBOT

Efficiency **105** Interval **101**

## CDCB HEALTH

Metritis	<b>1.5</b>	DA	<b>0.5</b>
Retained Placenta	<b>0.6</b>	Milk Fever	<b>0.0</b>

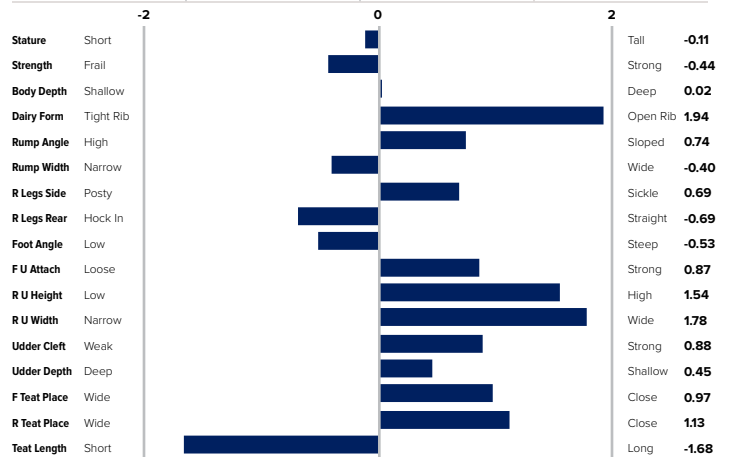
## FEED EFFICIENCY

Feed Saved	<b>287</b>	MUN	<b>0.2</b>
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## CONFORMATION

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

PTAT	<b>0.80</b>	UDC	<b>1.16</b>	FLC	<b>-0.27</b>	LOC	<b>98</b>
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# 097HO42624 SAM BAL BEI



Sam Bal Bei

## WELCOME SAM BAL BEI-ET

Moonshiner x Eisaku x Spectre  
HO840003214541186

DOB: 1/28/21  
99% RHA

Beta Casein: A2A2  
Kappa Casein: BB

Sire: Fly-Higher Moonshiner-ET  
Dam: Welcome Eisaku Winn-ET

**NEW**

### CRV EFFICIENCY -%

Longevity	385
Feed Efficiency	-
CFP	162

### CRV HEALTH -%

Hoof Health	101
Udder Health	101
Fertility	102

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1911	SCS	2.89
Fat	99	Fat %	0.09
Protein	63	Protein %	0.01

### HEALTH TRAITS

PL	4.3	Livability	-0.2
Clinical Mastitis	100	Subclinical Mastitis	102
Temperament	101	Persistency	106
Ketosis	1.7		

### CALVING TRAITS

Calf Survival	-	SCE	2.3
BW	105	EFC	4.4
DCE	2.3		

### INDEXES

CM\$	977	NVI	226
NM\$	972	GM\$	948
FM\$	942	GTPI	2939

### MILK ROBOT

Efficiency 107 Interval 102

### CDCB HEALTH

Metritis	-0.3	DA	0.0
Retained Placenta	-0.7	Milk Fever	-0.1

### FERTILITY

DPR	-0.2	HCR	1.9
SSB	5.8	CCR	0.8
DSB	3.6	SCR	0.0
Birth Index	107	Gest. Length	-0.7

### FEED EFFICIENCY

Feed Saved	150	MUN	0.4
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### CONFORMATION

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

PTAT	1.56	UDC	0.95	FLC	0.00	LOC	99
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Stature	Short	Tall	1.68
Strength	Frail	Strong	0.41
Body Depth	Shallow	Deep	1.25
Dairy Form	Tight Rib	Open Rib	2.79
Rump Angle	High	Sloped	-0.34
Rump Width	Narrow	Wide	0.63
R Legs Side	Posty	Sickle	0.84
R Legs Rear	Hock In	Straight	0.18
Foot Angle	Low	Steep	0.31
F U Attach	Loose	Strong	1.00
R U Height	Low	High	1.73
R U Width	Narrow	Wide	1.75
Udder Cleft	Weak	Strong	0.90
Udder Depth	Deep	Shallow	0.85
F Teat Place	Wide	Close	0.84
R Teat Place	Wide	Close	0.88
Teat Length	Short	Long	-0.94

# 097HO42368 HONEYCOMB



Sandy-Valley No Limit, Granddam of Honeycomb



Honeycomb

## PINE-TREE HONEYCOMB-ET

AltaZarek x Prophecy x Delta  
HO840003150687471

DOB: 8/10/19  
aAa: 342516  
99% RHA  
DMS: 345234  
GFI: 10.2%

Beta Casein: A2A2  
Kappa Casein: BB

Sire: Peak AltaZarek-ET  
Dam: Pine-Tree 5976 Prop  
7829-ET  
Pro: 01-10 3X 305 23,930M 5.6  
1344F 3.5 827P

### CRV EFFICIENCY 14%

Longevity	574
Feed Efficiency	106
CFP	149

### CRV HEALTH 6%

Hoof Health	105
Udder Health	102
Fertility	103

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	804	SCS	2.71
Fat	101	Fat %	0.24
Protein	48	Protein %	0.08

### HEALTH TRAITS

PL	6.6	Livability	3.1
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	103	Persistency	109
Ketosis	1.3		

### CALVING TRAITS

Calf Survival	102	SCE	2.2
BW	94	EFC	3.3
DCE	2.0		

### INDEXES

CM\$	1019	NVI	255
NM\$	999	GM\$	926
FM\$	879	GTPI	2900

### MILK ROBOT

Efficiency 99 Interval 103

### CDCB HEALTH

Metritis	1.1	DA	0.5
Retained Placenta	0.2	Milk Fever	0.0

### FEED EFFICIENCY

Feed Saved	66	MUN	0.1
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### CONFORMATION

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

PTAT	0.53	UDC	0.65	FLC	0.40	LOC	99
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Stature	Short	Tall	-0.61
Strength	Frail	Strong	-0.45
Body Depth	Shallow	Deep	-0.62
Dairy Form	Tight Rib	Open Rib	-0.20
Rump Angle	High	Sloped	-0.71
Rump Width	Narrow	Wide	0.33
R Legs Side	Posty	Sickle	0.76
R Legs Rear	Hock In	Straight	0.15
Foot Angle	Low	Steep	-0.47
F U Attach	Loose	Strong	1.07
R U Height	Low	High	0.64
R U Width	Narrow	Wide	0.53
Udder Cleft	Weak	Strong	-0.89
Udder Depth	Deep	Shallow	1.05
F Teat Place	Wide	Close	-1.09
R Teat Place	Wide	Close	-1.47
Teat Length	Short	Long	0.00

# 097HO42626 CONESTOGA



Conestoga

**NEW**

## DEWGOOD CONESTOGA-ET

Conway x Crimson x Modesty  
HOUSA000145172060

**DOB:** 2/6/21  
**99% RHA**

**Beta Casein: A2A2**  
**Kappa Casein: BB**

**Sire:** Sandy Valley R Conway-ET  
**Dam:** Dewgood 720 J Cringle

# 097HO42367 HALFTIME



Sandy-Valley No Limit, Granddam of Halftime



Halftime

## PINE-TREE HALFTIME-ET

Gamechanger x Achiever x Delta  
HO840003150687458

**DOB:** 7/29/19  
**aAa:** 342156  
**99% RHA**  
**DMS:** 123126  
**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 15%

Longevity	<b>516</b>
Feed Efficiency	<b>107</b>
CFP	<b>144</b>

### CRV HEALTH 3%

Hoof Health	<b>100</b>
Udder Health	<b>102</b>
Fertility	<b>101</b>

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>1283</b>	SCS	<b>2.85</b>
Fat	<b>86</b>	Fat %	<b>0.13</b>
Protein	<b>58</b>	Protein %	<b>0.06</b>

### HEALTH TRAITS

PL	<b>4.8</b>	Livability	<b>2.9</b>
Clinical Mastitis	<b>101</b>	Subclinical Mastitis	<b>102</b>
Temperament	<b>104</b>	Persistency	<b>106</b>
Ketosis	<b>2.9</b>		

### CALVING TRAITS

Calf Survival	-	SCE	<b>2.3</b>
BW	<b>99</b>	EFC	<b>3.4</b>
DCE	<b>2.3</b>		

### INDEXES

CM\$	<b>958</b>	NVI	<b>247</b>
NM\$	<b>944</b>	GM\$	<b>905</b>
FM\$	<b>848</b>	GTPI	<b>2874</b>

### MILK ROBOT

Efficiency **106** Interval **103**

### CDCB HEALTH

Metritis	<b>1.9</b>	DA	<b>0.9</b>
Retained Placenta	<b>0.6</b>	Milk Fever	<b>0.0</b>

### FERTILITY

DPR	<b>-0.2</b>	HCR	<b>1.3</b>
SSB	<b>6.1</b>	CCR	<b>0.7</b>
DSB	<b>5.4</b>	SCR	<b>0.0</b>
Birth Index	<b>104</b>	Gest. Length	<b>-0.6</b>

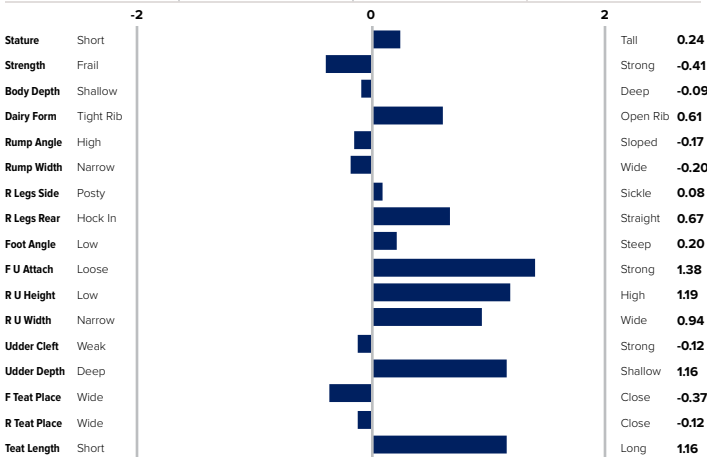
### FEED EFFICIENCY

Feed Saved	<b>172</b>	MUN	<b>0.1</b>
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### CONFORMATION

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

PTAT	<b>0.85</b>	UDC	<b>0.88</b>	FLC	<b>0.35</b>	LOC	<b>100</b>
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### CRV EFFICIENCY 15%

Longevity	<b>479</b>
Feed Efficiency	<b>107</b>
CFP	<b>148</b>

### CRV HEALTH 5%

Hoof Health	<b>102</b>
Udder Health	<b>103</b>
Fertility	<b>105</b>

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	<b>1025</b>	SCS	<b>2.68</b>
Fat	<b>96</b>	Fat %	<b>0.19</b>
Protein	<b>52</b>	Protein %	<b>0.07</b>

### HEALTH TRAITS

PL	<b>5.3</b>	Livability	<b>1.3</b>
Clinical Mastitis	<b>102</b>	Subclinical Mastitis	<b>104</b>
Temperament	<b>103</b>	Persistency	<b>104</b>
Ketosis	<b>1.8</b>		

### CALVING TRAITS

Calf Survival	-	SCE	<b>1.8</b>
BW	<b>100</b>	EFC	<b>3.3</b>
DCE	<b>2.2</b>		

### INDEXES

CM\$	<b>1021</b>	NVI	<b>278</b>
NM\$	<b>1003</b>	GM\$	<b>960</b>
FM\$	<b>893</b>	GTPI	<b>2934</b>

### MILK ROBOT

Efficiency **99** Interval **102**

### CDCB HEALTH

Metritis	<b>1.4</b>	DA	<b>0.5</b>
Retained Placenta	<b>-0.1</b>	Milk Fever	<b>0.1</b>

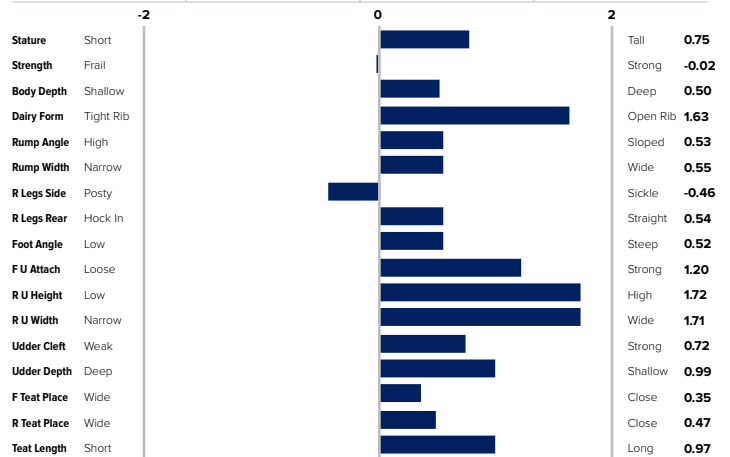
### FEED EFFICIENCY

Feed Saved	<b>244</b>	MUN	<b>-0.1</b>
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### CONFORMATION

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

PTAT	<b>1.42</b>	UDC	<b>1.16</b>	FLC	<b>0.61</b>	LOC	<b>98</b>
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# 097HO42435 OFFSIDE



## LEVEL-PLAIN OFFSIDE-ET

AltaLawson x Achiever  
x Delta  
HO840003209641491

**DOB:** 10/12/19  
**aAa:** 432165  
**99% RHA**  
**DMS:** 345135  
**GFI:** 10.1%

**Beta Casein: A2A2**  
**Kappa Casein: BB**

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

Level-Plain Ach Vibrant, Dam of Offside



Offside

### CRV EFFICIENCY 15%

Longevity	<b>358</b>
Feed Efficiency	<b>108</b>
CFP	<b>144</b>

### CRV HEALTH 2%

Hoof Health	<b>97</b>
Udder Health	<b>99</b>
Fertility	<b>102</b>

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	<b>776</b>	SCS	<b>2.82</b>
Fat	<b>92</b>	Fat %	<b>0.22</b>
Protein	<b>52</b>	Protein %	<b>0.10</b>

### HEALTH TRAITS

PL	<b>6.0</b>	Livability	<b>4.1</b>
Clinical Mastitis	<b>97</b>	Subclinical Mastitis	<b>102</b>
Temperament	<b>105</b>	Persistency	<b>103</b>
Ketosis	<b>2.2</b>		

### CALVING TRAITS

Calf Survival	<b>95</b>	SCE	<b>2.1</b>
BW	<b>99</b>	EFC	<b>2.4</b>
DCE	<b>1.8</b>		

### INDEXES

CM\$	<b>1027</b>	NVI	<b>216</b>
NM\$	<b>1007</b>	GM\$	<b>971</b>
FM\$	<b>867</b>	GTPI	<b>2865</b>

### MILK ROBOT

Efficiency **105** Interval **101**

### CDCB HEALTH

Metritis	<b>1.7</b>	DA	<b>0.9</b>
Retained Placenta	<b>0.3</b>	Milk Fever	<b>0.0</b>

### FERTILITY

DPR	<b>0.5</b>	HCR	<b>2.9</b>
SSB	<b>5.5</b>	CCR	<b>2.6</b>
DSB	<b>5.2</b>	SCR	<b>0.0</b>
Birth Index	<b>105</b>	Gest. Length	<b>-0.4</b>

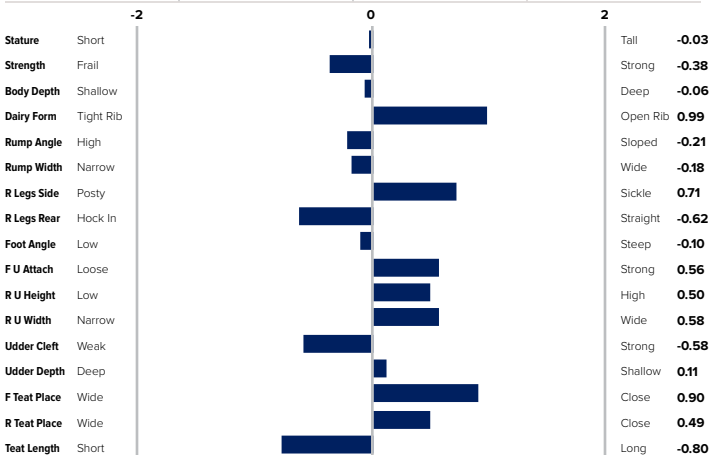
### FEED EFFICIENCY

Feed Saved	<b>199</b>	MUN	<b>0.2</b>
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### CONFORMATION

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

PTAT	<b>0.51</b>	UDC	<b>0.36</b>	FLC	<b>-0.06</b>	LOC	<b>95</b>
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# 097HO42537 FACTOTUM



Factotum

## PEAK FACTOTUM-ET

Altazazzle x Positive x  
Medley  
HO840003215425495

**DOB:** 5/21/20  
**aAa:** 426351  
**99% RHA**  
**DMS:** 561135  
**GFI:** 10.5%

**Beta Casein: A1A2**  
**Kappa Casein: BB**

**Sire:** Peak Altazazzle-ET  
**Dam:** Peak Maraca-ET

### CRV EFFICIENCY 9%

Longevity	<b>508</b>
Feed Efficiency	<b>101</b>
CFP	<b>147</b>

### CRV HEALTH 6%

Hoof Health	<b>103</b>
Udder Health	<b>102</b>
Fertility	<b>106</b>

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>1072</b>	SCS	<b>2.76</b>
Fat	<b>94</b>	Fat %	<b>0.18</b>
Protein	<b>53</b>	Protein %	<b>0.07</b>

### HEALTH TRAITS

PL	<b>5.0</b>	Livability	<b>1.3</b>
Clinical Mastitis	<b>101</b>	Subclinical Mastitis	<b>103</b>
Temperament	<b>103</b>	Persistency	<b>106</b>
Ketosis	<b>1.6</b>		

### CALVING TRAITS

Calf Survival	<b>-</b>	SCE	<b>1.3</b>
BW	<b>98</b>	EFC	<b>2.1</b>
DCE	<b>1.1</b>		

### INDEXES

CM\$	<b>976</b>	NVI	<b>256</b>
NM\$	<b>959</b>	GM\$	<b>934</b>
FM\$	<b>854</b>	GTPI	<b>2978</b>

### MILK ROBOT

Efficiency **102** Interval **102**

### CDCB HEALTH

Metritis	<b>2.4</b>	DA	<b>0.3</b>
Retained Placenta	<b>0.4</b>	Milk Fever	<b>0.0</b>

### FERTILITY

DPR	<b>0.5</b>	HCR	<b>0.4</b>
SSB	<b>5.6</b>	CCR	<b>1.2</b>
DSB	<b>3.8</b>	SCR	<b>0.0</b>
Birth Index	<b>106</b>	Gest. Length	<b>-2.9</b>

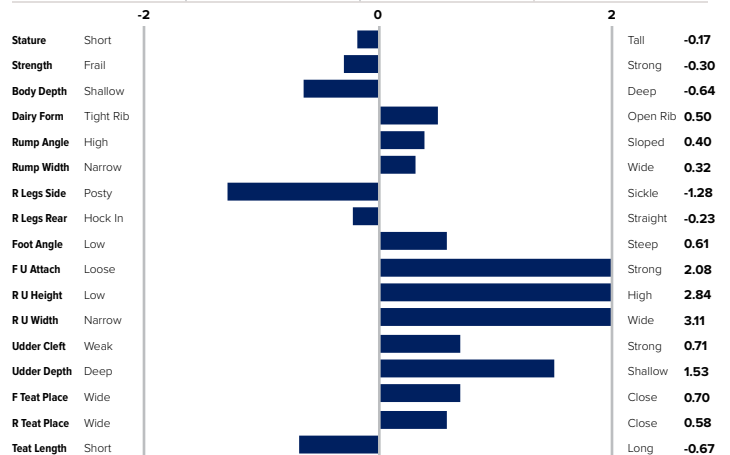
### FEED EFFICIENCY

Feed Saved	<b>31</b>	MUN	<b>0.0</b>
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### CONFORMATION

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

PTAT	<b>1.24</b>	UDC	<b>2.31</b>	FLC	<b>0.21</b>	LOC	<b>99</b>
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# 097HO42580 MR ELI



Mr. Eli

**DG MR ELI**  
 Charl x Spectre x  
 Montross  
 HONLD000879817736  
**DOB:** 3/30/20  
**aAa:** 243165  
**99% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** HURTGLENLEA RICHARD  
 CHARL-ET  
**Dam:** DG ELI

# 097HO42584 COLLECTOR



Collector

**HEIDIFARM COLLECTOR-ET**  
 Altaplanko x Frazzled x  
 Pageone  
 HOCAN000013572566  
**DOB:** 10/5/20  
**aAa:** 234165  
**99% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: AA**  
**Sire:** PEAK ORCHD MARUS  
 61812-ET  
**Dam:** HEIDIFARM 4893 CRI ET

## CRV EFFICIENCY 18%

Longevity	<b>362</b>
Feed Efficiency	<b>110</b>
CFP	<b>175</b>

## CRV HEALTH 4%

Hoof Health	<b>102</b>
Udder Health	<b>101</b>
Fertility	<b>103</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	<b>1392</b>	SCS	<b>2.88</b>
Fat	<b>116</b>	Fat %	<b>0.21</b>
Protein	<b>59</b>	Protein %	<b>0.05</b>

## HEALTH TRAITS

PL	<b>2.1</b>	Livability	<b>-1.1</b>
Clinical Mastitis	<b>100</b>	Subclinical Mastitis	<b>102</b>
Temperament	<b>105</b>	Persistency	<b>105</b>
Ketosis	<b>1.8</b>		

## CALVING TRAITS

Calf Survival	<b>95</b>	SCE	<b>1.6</b>
BW	<b>96</b>	EFC	<b>2.6</b>
DCE	<b>1.8</b>		

## INDEXES

CM\$	<b>904</b>	NVI	<b>289</b>
NM\$	<b>892</b>	GM\$	<b>879</b>
FM\$	<b>808</b>	GTPI	<b>2887</b>

## MILK ROBOT

Efficiency	<b>99</b>	Interval	<b>102</b>
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## CDCB HEALTH

Metritis	<b>2.3</b>	DA	<b>0.5</b>
Retained Placenta	<b>0.1</b>	Milk Fever	<b>0.0</b>

## FERTILITY

DPR	<b>-1.4</b>	HCR	<b>0.8</b>
SSB	<b>5.5</b>	CCR	<b>0.4</b>
DSB	<b>5.5</b>	SCR	<b>0.0</b>
Birth Index	<b>104</b>	Gest. Length	<b>-2.5</b>

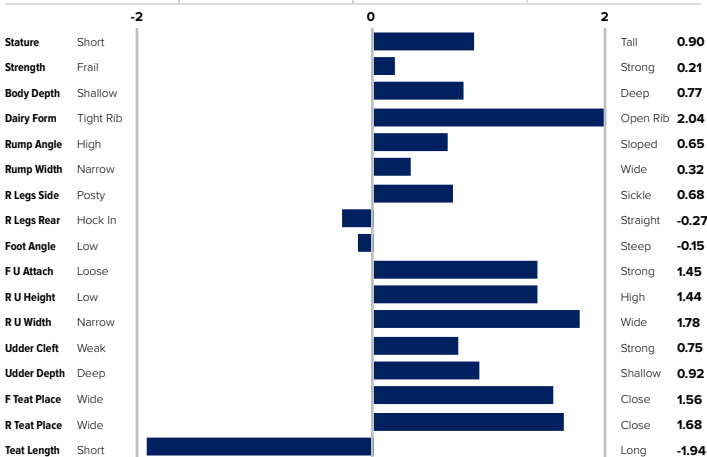
## FEED EFFICIENCY

Feed Saved	<b>66</b>	MUN	<b>0.1</b>
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## CONFORMATION

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

PTAT	<b>1.30</b>	UDC	<b>1.11</b>	FLC	<b>-0.02</b>	LOC	<b>101</b>
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## CRV EFFICIENCY 17%

Longevity	<b>659</b>
Feed Efficiency	<b>108</b>
CFP	<b>145</b>

## CRV HEALTH 8%

Hoof Health	<b>106</b>
Udder Health	<b>103</b>
Fertility	<b>106</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	<b>1604</b>	SCS	<b>2.71</b>
Fat	<b>84</b>	Fat %	<b>0.08</b>
Protein	<b>61</b>	Protein %	<b>0.04</b>

## HEALTH TRAITS

PL	<b>6.5</b>	Livability	<b>0.9</b>
Clinical Mastitis	<b>102</b>	Subclinical Mastitis	<b>103</b>
Temperament	<b>103</b>	Persistency	<b>106</b>
Ketosis	<b>1.9</b>		

## CALVING TRAITS

Calf Survival	<b>-</b>	SCE	<b>1.6</b>
BW	<b>96</b>	EFC	<b>6.1</b>
DCE	<b>1.9</b>		

## INDEXES

CM\$	<b>999</b>	NVI	<b>341</b>
NM\$	<b>986</b>	GM\$	<b>934</b>
FM\$	<b>916</b>	GTPI	<b>2908</b>

## MILK ROBOT

Efficiency	<b>101</b>	Interval	<b>103</b>
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## CDCB HEALTH

Metritis	<b>0.9</b>	DA	<b>0.2</b>
Retained Placenta	<b>-0.1</b>	Milk Fever	<b>-0.1</b>

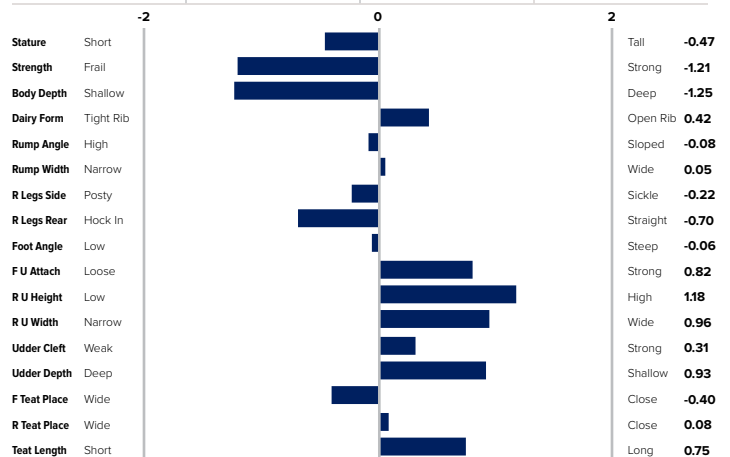
## FEED EFFICIENCY

Feed Saved	<b>41</b>	MUN	<b>-0.2</b>
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## CONFORMATION

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

PTAT	<b>0.57</b>	UDC	<b>0.97</b>	FLC	<b>0.01</b>	LOC	<b>99</b>
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# 097HO42478 GOKU



Goku

**PEAK GOKU**  
Maestro x Marius x  
Altatopshot  
HO840M003209641779

**DOB:** 1/28/20  
**aAa:** 423165  
**99% RHA**  
**DMS:** 561456  
**GFI:** 10.4%

**Beta Casein:** A1A2  
**Kappa Casein:** BB

**Sire:** Progenesis Maestro  
**Dam:** Peak Olinka-ET

# 097HO42538 GONZO



Gonzo

**PEAK GONZO-ET**  
Altazazzle x Positive x  
Modesty  
HO840003215425490

**DOB:** 5/21/20  
**aAa:** 234165  
**99% RHA**  
**DMS:** 126561  
**GFI:** 10.4%

**Beta Casein:** A2A2  
**Kappa Casein:** AB

**Sire:** Peak Altazazzle-ET  
**Dam:** Peak Dori-ET

## CRV EFFICIENCY 10%

Longevity	427
Feed Efficiency	104
CFP	145

## CRV HEALTH 8%

Hoof Health	103
Udder Health	106
Fertility	107

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	874	SCS	2.67
Fat	89	Fat %	0.19
Protein	56	Protein %	0.10

## HEALTH TRAITS

PL	5.1	Livability	1.7
Clinical Mastitis	104	Subclinical Mastitis	107
Temperament	106	Persistency	104
Ketosis	2.1		

## CALVING TRAITS

Calf Survival	-	SCE	2.1
BW	97	EFC	4.4
DCE	1.5		

## INDEXES

CM\$	913	NVI	268
NM\$	890	GM\$	865
FM\$	740	GTPI	2946

## MILK ROBOT

Efficiency 100 | Interval 103

## CDCB HEALTH

Metritis	2.3	DA	0.5
Retained Placenta	0.6	Milk Fever	0.1

## FERTILITY

DPR	1.1	HCR	1.3
SSB	6.3	CCR	2.6
DSB	5.3	SCR	-1.0
Birth Index	104	Gest. Length	-2.9

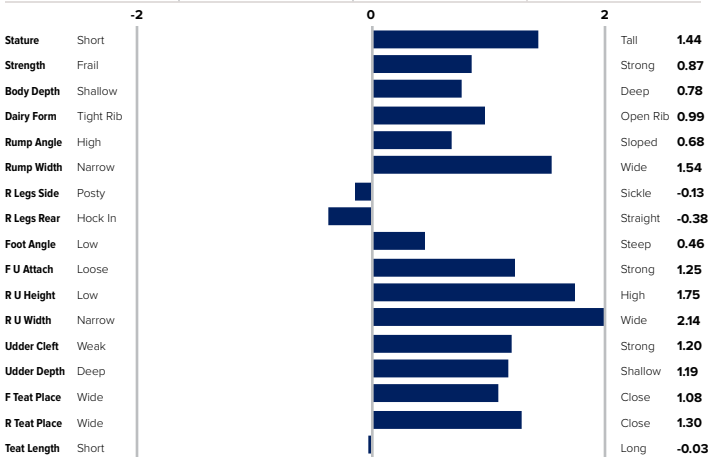
## FEED EFFICIENCY

Feed Saved	-155	MUN	-0.1
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## CONFORMATION

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

PTAT	1.23	UDC	1.32	FLC	-0.08	LOC	97
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## CRV EFFICIENCY 15%

Longevity	508
Feed Efficiency	106
CFP	155

## CRV HEALTH 6%

Hoof Health	106
Udder Health	102
Fertility	103

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	878	SCS	2.86
Fat	105	Fat %	0.25
Protein	50	Protein %	0.08

## HEALTH TRAITS

PL	5.0	Livability	2.3
Clinical Mastitis	101	Subclinical Mastitis	102
Temperament	103	Persistency	103
Ketosis	2.0		

## CALVING TRAITS

Calf Survival	-	SCE	1.9
BW	96	EFC	3.9
DCE	1.9		

## INDEXES

CM\$	972	NVI	279
NM\$	956	GM\$	877
FM\$	841	GTPI	2917

## MILK ROBOT

Efficiency 102 | Interval 102

## CDCB HEALTH

Metritis	2.6	DA	0.4
Retained Placenta	0.8	Milk Fever	0.1

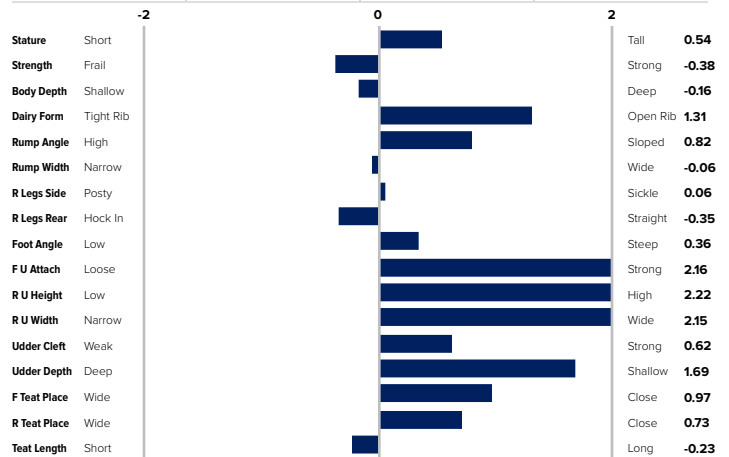
## FEED EFFICIENCY

Feed Saved	69	MUN	0.1
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## CONFORMATION

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

PTAT	1.39	UDC	1.87	FLC	0.16	LOC	97
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097HO42601 HORDE

NEW



Horde

**KINGS-RANSOM HORDE-ET**  
Crane x Honda x Frazzled  
HO840003208782475

**Sire:** CO-OP AARDEMA DRVW CRANE  
**Dam:** WELCOME-TEL HONDA HEADE-ET

**DOB:** 7/9/20  
**99% RHA**

**Beta Casein:** A1A2  
**Kappa Casein:** BB

**CRV HEALTH -%**

Hoof Health	101	Udder Health	103
Fertility	105		

**PREMIUM MILK**

Pro Daughters: 0 - Herds: 0 - 81% Rel

Milk	1618	SCS	2.70
Fat	96	Fat %	0.11
Protein	62	Protein %	0.04

**MILK ROBOT**

Efficiency	101	Interval	102
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**INDEXES**

CM\$	926	NVI	264
NM\$	912	GM\$	837
FM\$	840	GTPI	2865

**FEED EFFICIENCY**

Feed Saved	-26	MUN	0.1
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**CRV EFFICIENCY -%**

Longevity	499	Feed Efficiency	-
CFP	158		

**HEALTH TRAITS**

PL	4.3	Livability	1.9
Clinical Mastitis	102	Subclinical Mastitis	103
Temperament	102	Persistence	103
Ketosis	1.3		

**CALVING TRAITS**

Calf Survival	-	SCE	1.6
BW	98	EFC	2.2
DCE	1.2		

**FERTILITY**

DPR	-1.3	HCR	-1.1
SSB	6.6	CCR	-0.9
DSB	4.4	SCR	0.0
Birth Index	104	Gestation Length	-1.3

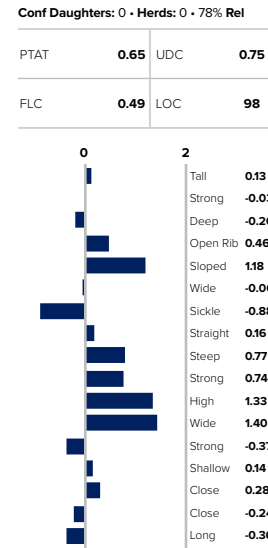
**CDCB HEALTH**

Metritis	1.4
Retained Placenta	0.1
DA	0.2
Milk Fever	-0.3

**CONFORMATION**

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**



097HO42436 SPARKPLUG



Sparkplug

**OCD SPARKPLUG-ET**  
Entity x Copycat x Spring  
HO840003206350007

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

**DOB:** 9/13/19  
**aAa:** 435126

**99% RHA**  
**DMS:** 345135  
**GFI:** 10.3%

**Beta Casein:** A1A2  
**Kappa Casein:** AB

**CRV HEALTH 5%**

Hoof Health	100	Udder Health	102
Fertility	105		

**PREMIUM MILK**

Pro Daughters: 0 - Herds: 0 - 81% Rel

Milk	1470	SCS	2.85
Fat	109	Fat %	0.18
Protein	58	Protein %	0.04

**MILK ROBOT**

Efficiency	99	Interval	104
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**INDEXES**

CM\$	887	NVI	210
NM\$	876	GM\$	823
FM\$	807	GTPI	2901

**FEED EFFICIENCY**

Feed Saved	-54	MUN	0.4
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**CRV EFFICIENCY 8%**

Longevity	293	Feed Efficiency	101
CFP	167		

**HEALTH TRAITS**

PL	3.2	Livability	0.4
Clinical Mastitis	101	Subclinical Mastitis	102
Temperament	105	Persistence	101
Ketosis	1.2		

**CALVING TRAITS**

Calf Survival	101	SCE	2.0
BW	98	EFC	4.5
DCE	2.4		

**FERTILITY**

DPR	-1.2	HCR	-0.8
SSB	6.0	CCR	-0.7
DSB	5.7	SCR	-1.0
Birth Index	106	Gestation Length	-2.7

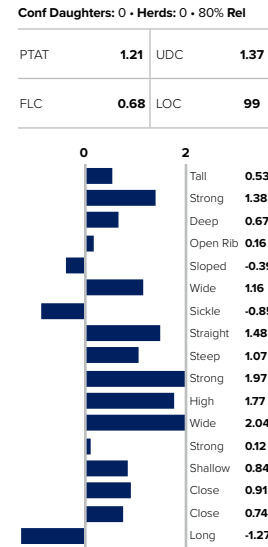
**CDCB HEALTH**

Metritis	0.3
Retained Placenta	-0.2
DA	0.8
Milk Fever	0.1

**CONFORMATION**

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**



097HO42013 MATCHUP **PROVEN**



Bryhill Ransom Marquise-ET GP-83,Granddam

**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 7%**

Hoof Health	104	Udder Health	101
Fertility	103		

**PREMIUM MILK**

Pro Daughters: 283 - Herds: 67 - 95% Rel

Milk	1796	SCS	2.83
Fat	73	Fat %	0.01
Protein	56	Protein %	0.00

**MILK ROBOT**

Efficiency	100	Interval	104
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**INDEXES**

CM\$	864	NVI	255
NM\$	860	GM\$	794
FM\$	844	GTPI	2752

**FEED EFFICIENCY**

Feed Saved	-37	MUN	0.3
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**CRV EFFICIENCY 15%**

Longevity	433	Feed Efficiency	108
CFP	129		

**HEALTH TRAITS**

PL	5.5	Livability	2.5
Clinical Mastitis	100	Subclinical Mastitis	102
Temperament	104	Persistence	100
Ketosis	1.2		

**CALVING TRAITS**

Calf Survival	99	SCE	1.5
BW	97	EFC	4.4
DCE	1.5		

**FERTILITY**

DPR	0.0	HCR	0.6
SSB	4.7	CCR	1.4
DSB	3.7	SCR	-0.2
Birth Index	110	Gestation Length	-3.6

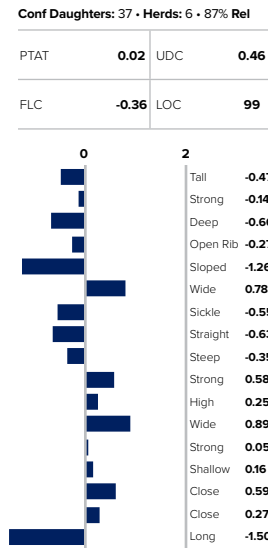
**CDCB HEALTH**

Metritis	1.3
Retained Placenta	0.1
DA	0.8
Milk Fever	0.0

**CONFORMATION**

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**



# 097HO42479 GOGETA



Gogeta

**PEAK GOGETA**  
Maestro x Marius x Delta  
HO840003209641811

**Sire:** Progenesis Maestro  
**Dam:** Peak Magenta-ET

**DOB:** 2/12/20  
**aAa:** 345216  
**99% RHA**  
**DMS:** 135561  
**Beta Casein:** A1A2  
**Kappa Casein:** BB

## CRV HEALTH 3%

Hoof Health	101	Udder Health	102
Fertility	102		

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1361	SCS	2.83
Fat	91	Fat %	0.13
Protein	55	Protein %	0.04

## MILK ROBOT

Efficiency	104	Interval	101
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## INDEXES

CM\$	922	NVI	236
NM\$	910	GM\$	866
FM\$	839	GTPI	2850

## FEED EFFICIENCY

Feed Saved	216	MUN	0.2
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## CRV EFFICIENCY 13%

Longevity	389	Feed Efficiency	107
CFP	146		

## HEALTH TRAITS

PL	4.4	Livability	-0.4
Clinical Mastitis	101	Subclinical Mastitis	103
Temperament	105	Persistence	107
Ketosis	1.9		

## CALVING TRAITS

Calf Survival	-	SCE	2.1
BW	102	EFC	1.8
DCE	2.0		

## FERTILITY

DPR	-1.1	HCR	1.1
SSB	5.9	CCR	0.4
DSB	4.7	SCR	0.0
Birth Index	102	Gestation Length	-0.6

## CDCB HEALTH

Metritis	1.0
Retained Placenta	0.1
DA	0.9
Milk Fever	0.0

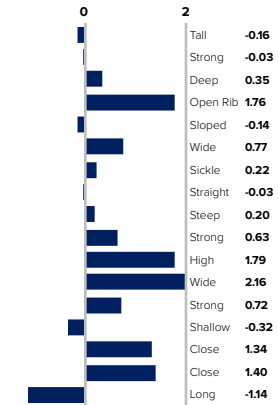
## CONFORMATION

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 • 78% Rel

PTAT	1.25	UDC	1.14
FLC	0.64	LOC	98



# 097HO42422 FERRY



Ferry

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

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

**DOB:** 6/26/19  
**aAa:** 243156  
**99% RHA**  
**DMS:** 345135  
**GFI:** 10.1%  
**Beta Casein:** A1A2  
**Kappa Casein:** AB

## CRV HEALTH 4%

Hoof Health	100	Udder Health	100
Fertility	105		

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	1119	SCS	2.69
Fat	93	Fat %	0.17
Protein	50	Protein %	0.05

## MILK ROBOT

Efficiency	103	Interval	103
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## INDEXES

CM\$	882	NVI	174
NM\$	867	GM\$	809
FM\$	780	GTPI	2848

## FEED EFFICIENCY

Feed Saved	-151	MUN	0.2
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## CRV EFFICIENCY 7%

Longevity	265	Feed Efficiency	101
CFP	143		

## HEALTH TRAITS

PL	5.2	Livability	1.6
Clinical Mastitis	99	Subclinical Mastitis	102
Temperament	105	Persistence	105
Ketosis	2.2		

## CALVING TRAITS

Calf Survival	-	SCE	2.3
BW	102	EFC	1.9
DCE	2.6		

## FERTILITY

DPR	0.2	HCR	0.1
SSB	5.6	CCR	1.1
DSB	4.1	SCR	0.0
Birth Index	105	Gestation Length	-2.5

## CDCB HEALTH

Metritis	1.8
Retained Placenta	0.2
DA	0.6
Milk Fever	-0.1

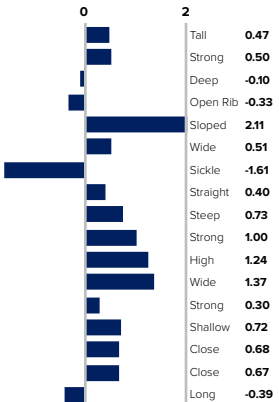
## CONFORMATION

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	0.54	UDC	0.95
FLC	0.11	LOC	99



# 097HO42608 MR WU

NEW



Ladys-Manor Grnt Oohm, Dam of Mr. Wu

**LADYS-MANOR MR WU-ET**  
HIGHJUMP x Granite x Millington  
HO840003214324412

**Sire:** AOF HIGHJUMP-ET  
**Dam:** LADYS-MANOR GRNT OOHM-ET VG-85  
**Pro:** 02-02 2x 365d 29050m 51 1481f 3.3 949p

**DOB:** 11/14/20  
**99% RHA**  
**Beta Casein:** A1A2  
**Kappa Casein:** BB

## CRV HEALTH 3%

Hoof Health	100	Udder Health	102
Fertility	101		

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	1445	SCS	2.89
Fat	98	Fat %	0.14
Protein	59	Protein %	0.05

## MILK ROBOT

Efficiency	102	Interval	101
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## INDEXES

CM\$	933	NVI	209
NM\$	922	GM\$	862
FM\$	845	GTPI	2948

## FEED EFFICIENCY

Feed Saved	99	MUN	0.3
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## CRV EFFICIENCY 13%

Longevity	324	Feed Efficiency	106
CFP	157		

## HEALTH TRAITS

PL	4.1	Livability	0.0
Clinical Mastitis	102	Subclinical Mastitis	101
Temperament	101	Persistence	103
Ketosis	1.6		

## CALVING TRAITS

Calf Survival	-	SCE	2.3
BW	105	EFC	3.9
DCE	2.1		

## FERTILITY

DPR	-1.6	HCR	0.4
SSB	6.0	CCR	-0.8
DSB	4.8	SCR	0.0
Birth Index	104	Gestation Length	0.2

## CDCB HEALTH

Metritis	0.6
Retained Placenta	0.0
DA	0.5
Milk Fever	0.1

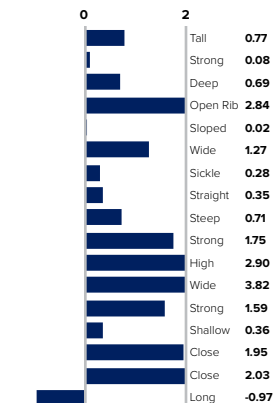
## CONFORMATION

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	2.01	UDC	2.07
FLC	0.38	LOC	96



097HO42607 **NOONTIME** NEW



Noontime

**HIGHERRANSOM NOONTIME-ET**  
 Pari x Riveting x Abel  
 HO840003218063585  
**Sire:** SIEMERS RENGD PARI 30991-ET  
**Dam:** HIGHERRANSOM RIVET NOON-ET

**DOB:** 11/6/20  
**99% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: AB**

**CRV HEALTH -%**

Hoof Health	102	Udder Health	102
Fertility	103		

**PREMIUM MILK**

Pro Daughters: 0 - Herds: 0 - 79% Rel

Milk	1204	SCS	2.96
Fat	76	Fat %	0.10
Protein	47	Protein %	0.03

**MILK ROBOT**

Efficiency	104	Interval	100
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**INDEXES**

CM\$	906	NVI	191
NM\$	899	GM\$	886
FM\$	847	GTPI	2941

**FEED EFFICIENCY**

Feed Saved	79	MUN	-0.2
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**CRV EFFICIENCY -%**

Longevity	333	Feed Efficiency	-
CFP	123		

**HEALTH TRAITS**

PL	5.5	Livability	3.6
Clinical Mastitis	102	Subclinical Mastitis	102
Temperament	103	Persistence	102
Ketosis	1.5		

**CALVING TRAITS**

Calf Survival	-	SCE	1.9
BW	96	EFC	2.9
DCE	2.2		

**FERTILITY**

DPR	1.2	HCR	4.0
SSB	5.4	CCR	3.2
DSB	5.2	SCR	0.0
Birth Index	102	Gestation Length	-1.5

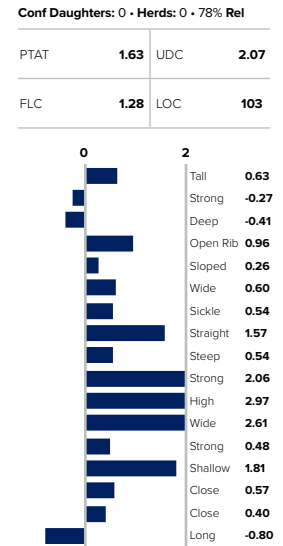
**CDCB HEALTH**

Metritis	1.8
Retained Placenta	-0.1
DA	0.9
Milk Fever	0.1

**CONFORMATION**

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**



097HO42464 **INTRICATE**



Intricate

**PROGENESIS INTRICATE-ET**  
 Pursuit x Achiever x Delta  
 HOCAN00013567606  
**Sire:** Pine-Tree-I Pursuit-ET  
**Dam:** Juniper-JLC Achiev Wish-ET

**DOB:** 11/12/19  
**aAa:** 342156  
**99% RHA**  
**DMS:** 234123  
**GFI:** 10.8%

**Beta Casein: A2A2**  
**Kappa Casein: AB**

**CRV HEALTH 5%**

Hoof Health	103	Udder Health	103
Fertility	103		

**PREMIUM MILK**

Pro Daughters: 0 - Herds: 0 - 81% Rel

Milk	968	SCS	2.76
Fat	95	Fat %	0.20
Protein	50	Protein %	0.07

**MILK ROBOT**

Efficiency	108	Interval	102
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**INDEXES**

CM\$	929	NVI	235
NM\$	913	GM\$	885
FM\$	807	GTPI	2948

**FEED EFFICIENCY**

Feed Saved	-23	MUN	0.4
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**CRV EFFICIENCY 12%**

Longevity	304	Feed Efficiency	106
CFP	145		

**HEALTH TRAITS**

PL	4.9	Livability	1.4
Clinical Mastitis	103	Subclinical Mastitis	102
Temperament	103	Persistence	101
Ketosis	1.6		

**CALVING TRAITS**

Calf Survival	-	SCE	1.8
BW	99	EFC	1.2
DCE	1.3		

**FERTILITY**

DPR	0.5	HCR	2.3
SSB	6.0	CCR	1.8
DSB	3.5	SCR	0.1
Birth Index	107	Gestation Length	-2.5

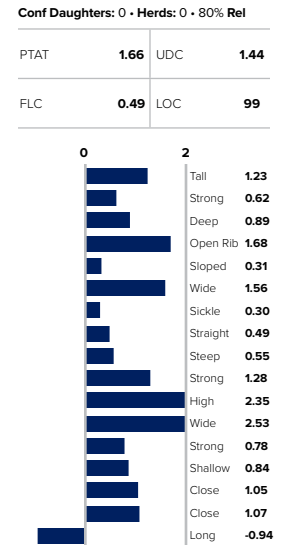
**CDCB HEALTH**

Metritis	1.4
Retained Placenta	0.1
DA	0.8
Milk Fever	0.0

**CONFORMATION**

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**



097HO42531 **YAMCHA**



Pine-Tree 9882 Prof 7019-ET VG-86, MGD of Yamcha

**PINE-TREE YAMCHA-ET**  
 Heroic x Medley x Profit  
 HO840003215069834  
**Sire:** PINE-TREE HEROIC-ET  
**Dam:** PINE-TREE 7019 MEDL 7883-ET

**DOB:** 4/5/20  
**aAa:** 234165  
**99% RHA**  
**DMS:** 135561  
**Beta Casein: A2A2**  
**Kappa Casein: AB**

**CRV HEALTH 7%**

Hoof Health	105	Udder Health	101
Fertility	105		

**PREMIUM MILK**

Pro Daughters: 0 - Herds: 0 - 81% Rel

Milk	992	SCS	2.78
Fat	82	Fat %	0.15
Protein	46	Protein %	0.05

**MILK ROBOT**

Efficiency	105	Interval	101
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**INDEXES**

CM\$	925	NVI	275
NM\$	911	GM\$	865
FM\$	828	GTPI	2885

**FEED EFFICIENCY**

Feed Saved	98	MUN	0.0
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**CRV EFFICIENCY 17%**

Longevity	472	Feed Efficiency	109
CFP	128		

**HEALTH TRAITS**

PL	5.8	Livability	2.7
Clinical Mastitis	100	Subclinical Mastitis	102
Temperament	104	Persistence	104
Ketosis	1.9		

**CALVING TRAITS**

Calf Survival	-	SCE	1.6
BW	100	EFC	1.2
DCE	1.2		

**FERTILITY**

DPR	0.4	HCR	1.6
SSB	5.7	CCR	1.3
DSB	4.1	SCR	0.0
Birth Index	107	Gestation Length	-1.2

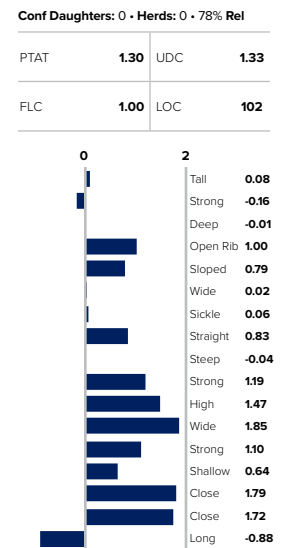
**CDCB HEALTH**

Metritis	1.7
Retained Placenta	-0.1
DA	0.6
Milk Fever	0.1

**CONFORMATION**

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**



# 097HO42423 MARTINI



Martini

## PEAK MARTINI-ET

Milktime x Frazzled x Montross  
HO840003205436593

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

DOB: 7/12/19  
aAa: 426135  
99% RHA  
DMS: 345, 234  
GFI: 10.8%

Beta Casein: A2A2  
Kappa Casein: AA

### CRV HEALTH 1%

Hoof Health	105	Udder Health	101
Fertility	100		

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	2420	SCS	2.60
Fat	64	Fat %	-0.10
Protein	67	Protein %	-0.03

### MILK ROBOT

Efficiency	102	Interval	101
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### INDEXES

CM\$	869	NVI	203
NM\$	864	GM\$	756
FM\$	877	GTPI	2772

### FEED EFFICIENCY

Feed Saved	97	MUN	-0.2
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### CRV EFFICIENCY 11%

Longevity	529	Feed Efficiency	103
CFP	131		

### HEALTH TRAITS

PL	5.6	Livability	-0.3
Clinical Mastitis	99	Subclinical Mastitis	103
Temperament	106	Persistence	103
Ketosis	2.6		

### CALVING TRAITS

Calf Survival	102	SCE	1.9
BW	104	EFC	3.8
DCE	2.8		

### FERTILITY

DPR	-2.1	HCR	0.8
SSB	5.6	CCR	-1.4
DSB	6.5	SCR	-1.2
Birth Index	99	Gestation Length	-3.0

### CDCB HEALTH

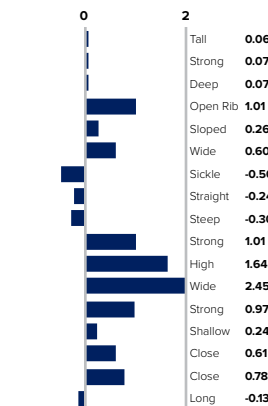
Metritis	1.4
Retained Placenta	0.4
DA	0.9
Milk Fever	0.2

### CONFORMATION

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 • 80% Rel			
PTAT	0.83	UDC	1.36
FLC	-0.32	LOC	98



# 097HO42509 TOMBOLA



Tombola

## CO-OP TOMBOLA-ET

Altazazzle x Achiever x Silver  
HO840003215743595

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

DOB: 4/22/20  
aAa: 456132  
99% RHA  
DMS: 135, 561

Beta Casein: A2A2  
Kappa Casein: AB

### CRV HEALTH 4%

Hoof Health	106	Udder Health	100
Fertility	105		

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 80% Rel

Milk	609	SCS	2.91
Fat	123	Fat %	0.35
Protein	42	Protein %	0.08

### MILK ROBOT

Efficiency	102	Interval	101
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### INDEXES

CM\$	994	NVI	219
NM\$	979	GM\$	972
FM\$	865	GTPI	2912

### FEED EFFICIENCY

Feed Saved	190	MUN	0.2
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### CRV EFFICIENCY 12%

Longevity	255	Feed Efficiency	107
CFP	165		

### HEALTH TRAITS

PL	3.5	Livability	2.9
Clinical Mastitis	100	Subclinical Mastitis	100
Temperament	102	Persistence	98
Ketosis	1.5		

### CALVING TRAITS

Calf Survival	-	SCE	1.9
BW	100	EFC	3.5
DCE	2.3		

### FERTILITY

DPR	-0.1	HCR	0.4
SSB	6.1	CCR	1.0
DSB	6.1	SCR	0.0
Birth Index	102	Gestation Length	-1.8

### CDCB HEALTH

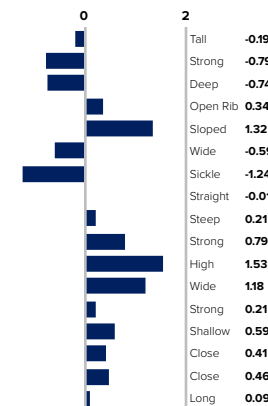
Metritis	2.6
Retained Placenta	0.8
DA	0.5
Milk Fever	0.1

### CONFORMATION

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 • 77% Rel			
PTAT	0.57	UDC	1.06
FLC	0.60	LOC	101



# 097HO42578 ECKERTON



Eckerton

## PEAK ECKERTON-ET

Fallout x Marius x Duke  
HO840003212150658

Sire: PROGENESIS FALLOUT-ET  
Dam: PEAK ELCTRA MARUS 61687-ET

DOB: 7/15/20  
aAa: 234165  
99% RHA

Beta Casein: A1A2  
Kappa Casein: BB

### CRV HEALTH 6%

Hoof Health	102	Udder Health	103
Fertility	102		

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 79% Rel

Milk	1189	SCS	2.96
Fat	127	Fat %	0.28
Protein	62	Protein %	0.09

### MILK ROBOT

Efficiency	103	Interval	101
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### INDEXES

CM\$	909	NVI	226
NM\$	894	GM\$	819
FM\$	769	GTPI	2905

### FEED EFFICIENCY

Feed Saved	-53	MUN	0.2
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### CRV EFFICIENCY 11%

Longevity	327	Feed Efficiency	104
CFP	189		

### HEALTH TRAITS

PL	2.1	Livability	-1.2
Clinical Mastitis	102	Subclinical Mastitis	103
Temperament	102	Persistence	96
Ketosis	1.7		

### CALVING TRAITS

Calf Survival	-	SCE	2.0
BW	99	EFC	2.0
DCE	1.2		

### FERTILITY

DPR	-3.1	HCR	-1.7
SSB	5.8	CCR	-3.0
DSB	4.4	SCR	0.0
Birth Index	107	Gestation Length	-3.0

### CDCB HEALTH

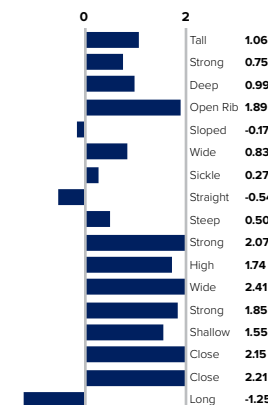
Metritis	0.9
Retained Placenta	-0.4
DA	0.3
Milk Fever	0.1

### CONFORMATION

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 • 77% Rel			
PTAT	1.26	UDC	1.73
FLC	-0.07	LOC	94



097HO42234 **MORANT**



Morant

**PEAK MORANT-ET**

AltaMontoya x Modesty x Jabir  
HO840003149335089

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

DOB: 6/9/18

aAa: 243156

**99% RHA**

GFI: 10.3%

Beta Casein: **A2A2**

Kappa Casein: **AB**

**CRV HEALTH 3%**

Hoof Health	101	Udder Health	99
Fertility	100		

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	871	SCS	2.85
Fat	87	Fat %	0.19
Protein	55	Protein %	0.10

**MILK ROBOT**

Efficiency	103	Interval	99
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**INDEXES**

CM\$	892	NVI	217
NM\$	873	GM\$	781
FM\$	733	GTPI	2749

**FEED EFFICIENCY**

Feed Saved	159	MUN	0.2
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**CRV EFFICIENCY 13%**

Longevity	332	Feed Efficiency	106
CFP	142		

**HEALTH TRAITS**

PL	4.2	Livability	2.0
Clinical Mastitis	99	Subclinical Mastitis	100
Temperament	106	Persistence	105
Ketosis	1.7		

**CALVING TRAITS**

Calf Survival	102	SCE	2.0
BW	103	EFC	1.3
DCE	2.3		

**FERTILITY**

DPR	-2.5	HCR	-1.3
SSB	4.9	CCR	-1.1
DSB	4.9	SCR	0.0
Birth Index	105	Gestation Length	-1.4

**CDCB HEALTH**

Metritis	1.7
Retained Placenta	0.1
DA	0.8
Milk Fever	-0.1

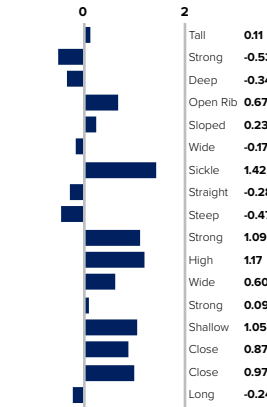
**CONFORMATION**

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 • 80% Rel

PTAT	0.65	UDC	0.96
FLC	0.21	LOC	98



097HO42106 **LUKAKU** **PROVEN**



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

**PEAK LUKAKU-ET**

Eldorado x Rubicon x  
McCutchen  
HO840003145229850

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

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	100	Udder Health	103
Fertility	103		

**PREMIUM MILK**

Pro Daughters: 140 • Herds: 42 • 91% Rel

Milk	1065	SCS	2.77
Fat	73	Fat %	0.11
Protein	34	Protein %	0.00

**MILK ROBOT**

Efficiency	98	Interval	101
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**INDEXES**

CM\$	753	NVI	267
NM\$	747	GM\$	668
FM\$	730	GTPI	2696

**FEED EFFICIENCY**

Feed Saved	42	MUN	-0.1
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**CRV EFFICIENCY 16%**

Longevity	559	Feed Efficiency	108
CFP	107		

**HEALTH TRAITS**

PL	4.8	Livability	3.7
Clinical Mastitis	102	Subclinical Mastitis	104
Temperament	103	Persistence	105
Ketosis	1.0		

**CALVING TRAITS**

Calf Survival	101	SCE	1.5
BW	98	EFC	0.4
DCE	1.4		

**FERTILITY**

DPR	-0.9	HCR	0.0
SSB	4.9	CCR	0.0
DSB	4.4	SCR	-0.6
Birth Index	108	Gestation Length	-1.9

**CDCB HEALTH**

Metritis	1.0
Retained Placenta	0.1
DA	0.4
Milk Fever	0.1

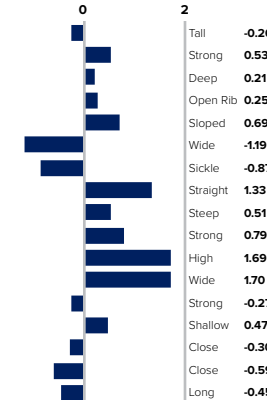
**CONFORMATION**

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: 42 • Herds: 15 • 83% Rel

PTAT	1.02	UDC	1.04
FLC	1.15	LOC	102



097HO42265 **BANNER**



Banner

**MAPLEHURST BANNER-ET**

Crimson x Blowtorch x Josuper  
HO840003205027117

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

DOB: 1/16/19

aAa: 126345

**99% RHA**

DMS: 561,135

GFI: 9.8%

Beta Casein: **A2A2**

Kappa Casein: **BB**

**CRV HEALTH 0%**

Hoof Health	95	Udder Health	100
Fertility	99		

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	1653	SCS	2.81
Fat	99	Fat %	0.12
Protein	63	Protein %	0.04

**MILK ROBOT**

Efficiency	102	Interval	102
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**INDEXES**

CM\$	742	NVI	176
NM\$	731	GM\$	630
FM\$	662	GTPI	2757

**FEED EFFICIENCY**

Feed Saved	-365	MUN	-0.2
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**CRV EFFICIENCY 9%**

Longevity	213	Feed Efficiency	105
CFP	162		

**HEALTH TRAITS**

PL	3.3	Livability	-0.5
Clinical Mastitis	100	Subclinical Mastitis	101
Temperament	105	Persistence	104
Ketosis	1.6		

**CALVING TRAITS**

Calf Survival	103	SCE	2.2
BW	100	EFC	2.9
DCE	2.5		

**FERTILITY**

DPR	-2.3	HCR	0.7
SSB	6.4	CCR	-0.8
DSB	5.5	SCR	0.9
Birth Index	102	Gestation Length	-0.5

**CDCB HEALTH**

Metritis	0.8
Retained Placenta	-0.3
DA	0.5
Milk Fever	-0.1

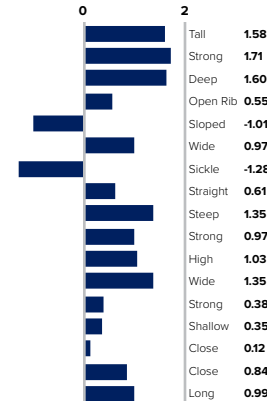
**CONFORMATION**

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 • 80% Rel

PTAT	1.07	UDC	0.49
FLC	-0.12	LOC	97



097HO42437 **ESCAPADE**



Escapade

**PINE-TREE ESCAPADE-ET**  
Acura x Samaritan x Achiever  
HO840003213241729

**Sire:** Pine-Tree 7019 Achle 132-ET  
**Dam:** Pine-Tree 7593 Sama 8178-ET

**DOB:** 3/1/20  
**aAa:** 234156  
**99% RHA**  
**DMS:** 126561  
**GFI:** 11.0%

**Beta Casein:** A2A2  
**Kappa Casein:** BB

**CRV HEALTH 5%**

Hoof Health	101	Udder Health	103
Fertility	104		

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 81% Rel

Milk	2069	SCS	2.93
Fat	98	Fat %	0.06
Protein	68	Protein %	0.01

**MILK ROBOT**

Efficiency	107	Interval	102
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**INDEXES**

CM\$	953	NVI	246
NM\$	949	GM\$	927
FM\$	919	GTPI	2955

**FEED EFFICIENCY**

Feed Saved	25	MUN	0.4
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**CRV EFFICIENCY 18%**

Longevity	424	Feed Efficiency	110
CFP	166		

**HEALTH TRAITS**

PL	3.8	Livability	1.8
Clinical Mastitis	101	Subclinical Mastitis	104
Temperament	103	Persistence	
Ketosis	2.0		

**CALVING TRAITS**

Calf Survival	-	SCE	2.3
BW	102	EFC	2.1
DCE	1.7		

**FERTILITY**

DPR	-0.3	HCR	3.5
SSB	5.7	CCR	0.9
DSB	4.3	SCR	0.2
Birth Index	108	Gestation Length	-1.2

**CDCB HEALTH**

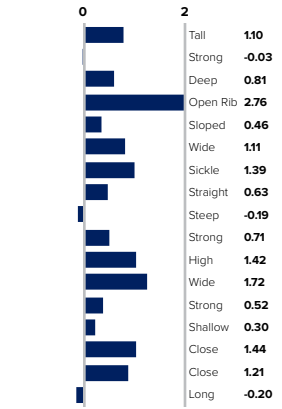
Metritis	1.9
Retained Placenta	-0.2
DA	0.5
Milk Fever	0.2

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 • 79% Rel

PTAT	1.31	UDC	0.86
FLC	0.52	LOC	101



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 0%**

Hoof Health	100	Udder Health	98
Fertility	101		

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 82% Rel

Milk	1246	SCS	3.09
Fat	61	Fat %	0.04
Protein	43	Protein %	0.01

**MILK ROBOT**

Efficiency	110	Interval	97
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**INDEXES**

CM\$	512	NVI	153
NM\$	511	GM\$	422
FM\$	488	GTPI	2649

**FEED EFFICIENCY**

Feed Saved	-31	MUN	0.2
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**CRV EFFICIENCY 10%**

Longevity	183	Feed Efficiency	104
CFP	104		

**HEALTH TRAITS**

PL	2.0	Livability	-2.5
Clinical Mastitis	97	Subclinical Mastitis	99
Temperament	101	Persistence	106
Ketosis	1.0		

**CALVING TRAITS**

Calf Survival	99	SCE	2.3
BW	99	EFC	1.2
DCE	2.4		

**FERTILITY**

DPR	-3.1	HCR	0.6
SSB	6.0	CCR	-3.5
DSB	5.6	SCR	-0.4
Birth Index	102	Gestation Length	1.2

**CDCB HEALTH**

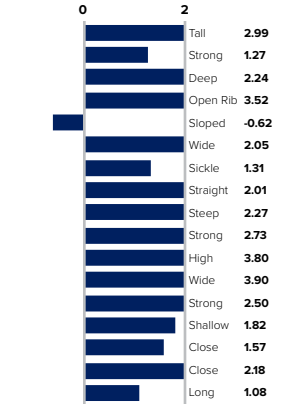
Metritis	0.7
Retained Placenta	-0.1
DA	0.1
Milk Fever	0.0

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	3.32	UDC	2.39
FLC	1.47	LOC	98



097HO41774 **HOTLINE** **PROVEN**



HFk59028 Dryhouse M Hotline Quana

**PEAK HOTLINE-ET**  
AltaHotRod x Mogul x Man  
O Man  
HO840003129128855

**Sire:** Glen-D-Haven AltaHotRod  
**Dam:** J-Mor Mogul Hostice-ET

**DOB:** 7/6/15  
**aAa:** 321465  
**100% RHA**  
**DMS:** 126,246  
**GFI:** 10.8%

**Beta Casein:** A2A2  
**Kappa Casein:** AA

**CRV HEALTH 1%**

Hoof Health	99	Udder Health	99
Fertility	100		

**PREMIUM MILK**

Pro Daughters: 9975 • Herds: 2365 • 99% Rel

Milk	1042	SCS	3.04
Fat	87	Fat %	0.16
Protein	52	Protein %	0.07

**MILK ROBOT**

Efficiency	101	Interval	98
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**INDEXES**

CM\$	429	NVI	200
NM\$	419	GM\$	442
FM\$	323	GTPI	2693

**FEED EFFICIENCY**

Feed Saved	-26	MUN	1.5
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**CRV EFFICIENCY 7%**

Longevity	-175	Feed Efficiency	106
CFP	139		

**HEALTH TRAITS**

PL	-4.1	Livability	-7.0
Clinical Mastitis	99	Subclinical Mastitis	100
Temperament	97	Persistence	99
Ketosis	0.4		

**CALVING TRAITS**

Calf Survival	95	SCE	1.9
BW	99	EFC	6.5
DCE	1.8		

**FERTILITY**

DPR	-3.3	HCR	0.2
SSB	6.7	CCR	-4.6
DSB	5.4	SCR	-1.4
Birth Index	105	Gestation Length	-1.9

**CDCB HEALTH**

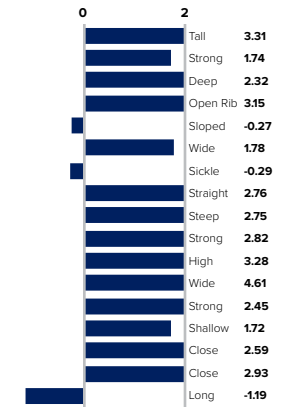
Metritis	0.5
Retained Placenta	-0.2
DA	-0.4
Milk Fever	-0.2

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: 5732 • Herds: 1530 • 99% Rel

PTAT	2.89	UDC	2.36
FLC	1.51	LOC	106



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
097HO42628	<b>TICTOC</b>	A1A2	BB	-	-	Alphabet x Lionel x Delta	0	0	4	103	101	2.3	4.8	17	0	105
097HO42579	<b>GRANDMASTER</b>	A1A2	BB	234156	-	Altazazzle x Tahiti x Rubicon	0	0	6	101	101	2.1	5.3	13	-0.1	101
097HO42623	<b>THRIFTY</b>	A2A2	AB	-	-	Torro x Billy x Matters	0	0	-	102	100	1.5	5.3	-	0.1	-
097HO42630	<b>MERLE</b>	A1A2	BE	-	-	Conway x Legacy x Rubicon	0	0	1	102	99	2.0	5.2	14	-0.1	107
097HO42610	<b>HOTPOT</b>	A2A2	AB	-	-	Fortnite x Tahiti x Yoder	0	0	6	104	104	2.1	4.4	17	0.2	101
097HO42585	<b>ZURI</b>	A2A2	BB	234165	-	Altazazzle x Tahiti x Yoder	0	0	5	102	104	1.9	3.1	18	0.4	102
097HO42613	<b>GAOCHAN</b>	A2A2	AB	-	-	Acura x Jedi x Althotrod	0	0	-	100	1000	1.7	4.5	-	-	-
097HO42510	<b>FUGLEMAN</b>	A1A2	BB	516324	126,123	Altazazzle x Positive x Medley	0	0	3	100	103	1.8	5.0	16	-0.1	105
097HO42657	<b>LAVEZZI</b>	A1A2	BB	-	-	Altazazzle x Pursuit x Medley	0	0	5	104	102	1.8	4.4	13	0.2	100
097HO42425	<b>ENGINEER</b>	A2A2	AB	351426	561,135	Pursuit x Prophecy x Delta	0	0	3	102	99	1.5	6.4	11	0.3	104
097HO42536	<b>CURVEBALL</b>	A2A2	AB	243615	345,456	Fastball x Altatopshot x Mr Mogul Delta	0	0	5	100	105	1.5	5.9	14	0.0	100
097HO42435	<b>OFFSIDE</b>	A2A2	BB	432165	345,135	AltaLawson x Achiever x Delta	0	0	2	99	97	2.2	6.0	15	0.2	103
097HO42367	<b>HALFTIME</b>	A1A2	BB	342156	123,126	Gamechanger x Achiever x Delta	0	0	5	103	102	1.8	5.3	15	-0.1	104
097HO42368	<b>HONEYCOMB</b>	A2A2	BB	342516	345,234	AltaZarek x Prophecy x Delta	0	0	6	102	105	1.3	6.6	14	0.1	109
097HO42682	<b>ZICO</b>	A2A2	BB	-	-	Altajump Cut x Pursuit x Altatopshot	0	0	5	103	103	2.0	6.0	16	0.2	107
097HO42625	<b>GUAM</b>	A2A2	AA	-	-	Moonshiner x Legacy x Legendary	0	0	6	105	102	2.6	5.8	16	0.2	109
097HO42584	<b>COLLECTOR</b>	A2A2	AA	234165	-	Altaplanko x Frazzled x Pageone	0	0	8	103	106	1.9	6.5	17	-0.2	106
097HO42509	<b>TOMBOLA</b>	A2A2	AB	456132	135,561	Altazazzle x Achiever x Silver	0	0	4	100	106	1.5	3.5	12	0.2	98
097HO42624	<b>SAM BAL BEI</b>	A2A2	BB	-	-	Moonshiner x Eisaku x Spectre	0	0	-	101	101	1.7	4.3	-	0.4	106
097HO42537	<b>FACTOTUM</b>	A1A2	BB	426351	561,135	Altazazzle x Positive x Medley	0	0	6	102	103	1.6	5.0	9	0.0	106
097HO42424	<b>UPSWING</b>	A2A2	AA	243	234,345	Pursuit x Duke x Rubicon	0	0	6	102	103	1.9	5.2	12	-0.1	107
097HO42538	<b>GONZO</b>	A2A2	AB	234165	126,561	Altazazzle x Positive x Modesty	0	0	6	102	106	2.0	5.0	15	0.1	103
097HO42626	<b>CONESTOGA</b>	A2A2	BB	-	-	Conway x Crimson x Modesty	0	0	3	102	100	2.9	4.8	15	0.1	106
097HO42437	<b>ESCAPADE</b>	A2A2	BB	234156	126,561	Acura x Samaritan x Achiever	0	0	5	103	101	2.0	3.8	18	0.4	-
097HO42608	<b>MR WU</b>	A1A2	BB	-	-	HIGHJUMP x Granite x Millington	0	0	3	102	100	1.6	4.1	13	0.3	103
097HO42464	<b>INTRICATE</b>	A2A2	AB	342156	234,123	Pursuit x Achiever x Delta	0	0	5	103	103	1.6	4.9	12	0.4	101
097HO42587	<b>PARKER</b>	A2A2	BB	231645	-	Pari x Brass x Delta	0	0	5	102	101	1.0	4.5	13	0.3	103
097HO42601	<b>HORDE</b>	A1A2	BB	-	-	Crane x Honda x Frazzled	0	0	-	103	101	1.3	4.3	-	0.1	103
097HO42531	<b>YAMCHA</b>	A2A2	AB	234165	135,561	Heroic x Medley x Profit	0	0	7	101	105	1.9	5.8	17	0.0	104
097HO42479	<b>GOGETA</b>	A1A2	BB	345216	135,561	Maestro x Marius x Delta	0	0	3	102	101	1.9	4.4	13	0.2	107
097HO42478	<b>GOKU</b>	A1A2	BB	423165	561,456	Maestro x Marius x Altatopshot	0	0	8	106	103	2.1	5.1	10	-0.1	104
097HO42627	<b>ORONO</b>	A1A2	BE	-	-	Rozline x Delta-Lambda x Denver	0	0	2	100	101	1.4	4.3	9	0.1	103
097HO42578	<b>ECKERTON</b>	A1A2	BB	234165	-	Fallout x Marius x Duke	0	0	6	103	102	1.7	2.1	11	0.2	96
097HO42607	<b>NOONTIME</b>	A2A2	AB	-	-	Pari x Riveting x Abel	0	0	-	102	102	1.5	5.5	-	-0.2	102
097HO42580	<b>MR ELI</b>	A2A2	AB	243165	-	Charl x Spectre x Montross	0	0	4	101	102	1.8	2.1	18	0.1	105
097HO42234	<b>MORANT</b>	A2A2	AB	243156	-	AltaMontoya x Modesty x Jabir	0	0	3	99	101	1.7	4.2	13	0.2	105
097HO42436	<b>SPARKPLUG</b>	A1A2	AB	435126	345,135	Entity x Copycat x Spring	0	0	5	102	100	1.2	3.2	8	0.4	101
097HO42422	<b>FERRY</b>	A1A2	AB	243156	345,135	Merrimac x Frazzled x Silver	0	0	4	100	100	2.2	5.2	7	0.2	105
097HO42423	<b>MARTINI</b>	A2A2	AA	426135	345,234	Milktime x Frazzled x Montross	0	0	1	101	105	2.6	5.6	11	-0.2	103
097HO42013	<b>MATCHUP</b>	A2A2	BB	165243	345,135	AltaTopshot x Delta x Ransom	283	67	7	101	104	1.2	5.5	15	0.3	100
097HO42106	<b>LUKAKU</b>	A1A2	AE	423615	345,456	Eldorado x Rubicon x McCutchen	140	42	5	103	100	1.0	4.8	16	-0.1	105
097HO42265	<b>BANNER</b>	A2A2	BB	126345	561,135	Crimson x Blowtorch x Josuper	0	0	0	100	95	1.6	3.3	9	-0.2	104
097HO42142	<b>DOC HARDY</b>	A2A2	AB	234615	126,123	King Doc x Monterey x Mogul	0	0	0	98	100	1.0	2.0	10	0.2	106
097HO41774	<b>HOTLINE</b>	A2A2	AA	321465	126,246	AltaHotRod x Mogul x Man O Man	9975	2365	1	99	99	0.4	-4.1	7	1.5	99

Information from CDCB 04.22 production and HA 04.22 type evaluations. BY+ denotes Brachyospina positive bulls with 95% reliability. TPI is a servicemark of Holstein Association USA, Inc.



# Spring 2022 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
197	1840	127	0.19	70	0.04	2.93	81	1.30	1.36	-0.21	97	-0.6	1.8	5.4	102	102	104	1154	1145	1108	3074	SiryX
169	970	113	0.26	56	0.09	2.82	79	0.77	1.26	-0.12	96	0.6	1.3	5.3	107	104	98	1119	1101	1085	3018	SiryX
151	677	106	0.28	45	0.08	2.80	79	0.71	1.31	0.37	96	0.0	1.6	5.4	104	98	102	1116	1098	1079	2943	SiryX
183	1132	123	0.27	60	0.09	2.75	79	1.10	0.76	-0.04	102	-1.0	2.6	6.8	100	100	99	1094	1074	1012	3006	-
170	1081	118	0.26	52	0.06	2.85	79	0.80	1.16	-0.27	97	-0.9	1.8	4.9	102	105	101	1060	1047	1013	2925	-
188	1231	129	0.28	59	0.07	2.91	79	1.63	1.54	0.49	98	-1.4	1.8	5.1	101	107	103	1047	1033	1004	3039	SiryX
182	2785	90	-0.06	92	0.02	2.96	81	0.48	0.18	-0.07	1000	-0.6	2.6	5.9	101	1000	1000	1046	1041	1002	2954	SiryX
176	1392	108	0.19	68	0.08	2.81	79	1.76	1.83	0.66	99	-1.9	1.8	6.4	104	103	100	1043	1025	934	3016	SiryX
173	1414	111	0.19	62	0.06	2.78	79	1.67	1.46	0.69	98	-0.5	1.6	5.9	105	106	102	1038	1022	979	3040	SiryX
159	824	103	0.25	56	0.11	2.75	82	1.02	0.60	1.00	100	0.4	2.0	6.2	103	103	105	1035	1012	949	2994	SiryX
155	1596	94	0.11	61	0.04	2.83	80	0.84	1.00	0.76	98	-0.5	2.2	4.8	106	99	102	1030	1020	951	2936	SiryX
144	776	92	0.22	52	0.10	2.82	82	0.51	0.36	-0.06	99	0.5	2.1	5.5	102	105	101	1027	1007	971	2865	SiryX
148	1025	96	0.19	52	0.07	2.68	81	1.42	1.16	0.61	100	-0.3	1.8	4.8	105	99	102	1021	1003	960	2934	SiryX
149	804	101	0.24	48	0.08	2.71	82	0.53	0.65	0.40	94	-0.2	2.2	5.5	103	99	103	1019	999	926	2900	SiryX
159	2132	83	0.00	76	0.03	2.72	79	1.47	1.45	0.31	101	-1.4	2.4	5.8	103	105	102	1018	1006	907	2983	SiryX
156	1351	94	0.14	62	0.07	2.72	79	1.74	1.84	-0.08	98	0.4	1.9	5.6	104	101	103	1017	1000	958	3034	SiryX
145	1604	84	0.08	61	0.04	2.71	79	0.57	0.97	0.01	96	0.4	1.6	5.4	106	101	103	999	986	934	2908	SiryX
165	609	123	0.35	42	0.08	2.91	80	0.57	1.06	0.60	100	-0.1	1.9	6.1	105	102	101	994	979	972	2912	SiryX
162	1911	99	0.09	63	0.01	2.89	79	1.56	0.95	0.00	105	-0.2	2.3	5.8	102	107	102	977	972	948	2939	SiryX
147	1072	94	0.18	53	0.07	2.76	79	1.24	2.31	0.21	98	0.5	1.3	5.6	106	102	102	976	959	934	2978	SiryX
162	1118	109	0.23	53	0.06	2.85	81	1.69	1.38	0.89	100	-0.3	1.6	6.1	105	102	103	975	961	907	2996	SiryX
155	878	105	0.25	50	0.08	2.86	79	1.39	1.87	0.16	96	-1.5	1.9	5.5	103	102	102	972	956	877	2917	SiryX
144	1283	86	0.13	58	0.06	2.85	79	0.85	0.88	0.35	99	-0.2	2.3	6.1	101	106	103	958	944	905	2874	SiryX
166	2069	98	0.06	68	0.01	2.93	81	1.31	0.86	0.52	102	-0.3	2.3	5.7	104	107	102	953	949	927	2955	SiryX
157	1445	98	0.14	59	0.05	2.89	80	2.01	2.07	0.38	105	-1.6	2.3	6.0	101	102	101	933	922	862	2948	-
145	968	95	0.20	50	0.07	2.76	81	1.66	1.44	0.49	99	0.5	1.8	6.0	103	108	102	929	913	885	2948	SiryX
149	1330	88	0.13	61	0.07	2.83	80	2.78	2.42	1.62	102	-0.6	2.4	6.4	102	105	102	928	913	865	3043	SiryX
158	1618	96	0.11	62	0.04	2.70	81	0.65	0.75	0.49	98	-1.3	1.6	6.6	105	101	102	926	912	837	2865	-
128	992	82	0.15	46	0.05	2.78	81	1.30	1.33	1.00	100	0.4	1.6	5.7	105	105	101	925	911	865	2885	SiryX
146	1361	91	0.13	55	0.04	2.83	80	1.25	1.14	0.64	102	-1.1	2.1	5.9	102	104	101	922	910	866	2850	SiryX
145	874	89	0.19	56	0.10	2.67	80	1.23	1.32	-0.08	97	1.1	2.1	6.3	107	100	103	913	890	865	2946	SiryX
153	1458	86	0.10	67	0.07	2.85	80	2.34	2.05	1.53	101	-0.1	2.6	6.5	102	102	101	911	895	867	3023	SiryX
189	1189	127	0.28	62	0.09	2.96	79	1.26	1.73	-0.07	99	-3.1	2.0	5.8	102	103	101	909	894	819	2905	SiryX
123	1204	76	0.10	47	0.03	2.96	79	1.63	2.07	1.28	96	1.2	1.9	5.4	103	104	100	906	899	886	2941	-
175	1392	116	0.21	59	0.05	2.88	81	1.30	1.11	-0.02	96	-1.4	1.6	5.5	103	99	102	904	892	879	2887	-
142	871	87	0.19	55	0.10	2.85	82	0.65	0.96	0.21	103	-2.5	2.0	4.9	100	103	99	892	873	781	2749	-
167	1470	109	0.18	58	0.04	2.85	81	1.21	1.37	0.68	98	-1.2	2.0	6.0	105	99	104	887	876	823	2901	SiryX
143	1119	93	0.17	50	0.05	2.69	81	0.54	0.95	0.11	102	0.2	2.3	5.6	105	103	103	882	867	809	2848	SiryX
131	2420	64	-0.10	67	-0.03	2.60	81	0.83	1.36	-0.32	104	-2.1	1.9	5.6	100	102	101	869	864	756	2772	SiryX
129	1796	73	0.01	56	0.00	2.83	95	0.02	0.46	-0.36	97	0.0	1.5	4.7	103	100	104	864	860	794	2752	SiryX
107	1065	73	0.11	34	0.00	2.77	91	1.02	1.04	1.15	98	-0.9	1.5	4.9	103	98	101	753	747	668	2696	SiryX
162	1653	99	0.12	63	0.04	2.81	82	1.07	0.49	-0.12	100	-2.3	2.2	6.4	99	102	102	742	731	630	2757	SiryX
104	1246	61	0.04	43	0.01	3.09	82	3.32	2.39	1.47	99	-3.1	2.3	6.0	101	110	97	512	511	422	2649	SiryX
139	1042	87	0.16	52	0.07	3.04	99	2.89	2.36	1.51	99	-3.3	1.9	6.7	100	101	98	429	419	442	2693	SiryX

# Dutch Holstein Bulls

NEW

NAAB CODE	NAME	BETA CASEIN	KAPPA CASEIN	aAa	PEDIGREE	NO. OF DAUGHTERS	NO. OF HERDS	HEALTH					EFFICIENCY		
								CRV HEALTH	UIDDER	HOOF	KETOSIS	LONGEVITY	CRV EFFICIENCY	FEED EFFICIENCY	FEED SAVED
097HO42525	<b>DOLMEN</b>	A1A2	BB	432516	Topstone x Relevant	0	0	7	105	107	107	765	19	109	0.21
097HO42498	<b>LIBERATE</b>	A2A2	AB	342516	Gigantix x Rush Hour	0	0	5	103	109	106	712	14	105	-0.44
097HO42413	<b>LAUNCH PP-RED</b>	A1A2	BB	351426	Jopper P x Handy P	0	0	7	101	108	109	622	15	104	0.02
097HO42467	<b>LUCARDI</b>	A2A2	AA	432156	Yes x Trust	0	0	4	104	107	104	494	13	105	-0.19
097HO42540	<b>VULCANO P</b>	A2A2	BB	234165	Nippon P x Lowlands Trust	0	0	8	107	108	106	678	15	106	0.10
097HO42175	<b>WOODY</b>	A2A2	AB	321456	Ranger x Jetset	0	0	3	105	105	101	556	13	105	-0.24
097HO42361	<b>RETREAT</b>	A2A2	AB	234165	Altalawson x Hotline	0	0	5	99	101	106	480	11	104	-0.04
097HO42362	<b>NOMINATOR-RED</b>	A1A2	AB	243615	Jacuzzi x Finder	0	0	6	105	101	105	561	14	105	0.01
097HO41949	<b>JACUZZI-RED</b>	A1A2	AE	243615	Livington x Incentive	1398	663	6	105	104	100	277	14	106	0.32
097HO42546	<b>LIXOR</b>	A1A2	BB	324156	Nippon P x Double W Rush Hour	0	0	7	107	108	104	790	9	100	-1.02
097HO42461	<b>BELIEVER</b>	A2A2	BB	243165	Lunar x Altatopshot	0	0	6	100	106	108	512	12	104	-0.35
097HO42445	<b>POWERLIFT RF</b>	A2A2	AB	132564	Abundant P x Adorable	0	0	6	107	103	104	695	12	103	-0.48
097HO42532	<b>GEORGIO PP</b>	A2A2	AB	234156	Simon P x Mission P	0	0	5	100	105	103	467	14	108	0.44
097HO42402	<b>XANDER</b>	A1A2	AB	423561	Floris x Beatbox	0	0	7	101	109	101	550	11	104	-0.20
097HO42394	<b>LIMBIC</b>	A2A2	AA	513462	Fisherman x Rush Hour	0	0	7	109	106	104	815	13	105	-0.01
097HO42501	<b>PERFECT</b>	A2A2	AB	345261	Woody x Jafin	0	0	8	108	107	105	660	11	104	0.03
097HO42319	<b>WARMOND P RF</b>	A2A2	AA	234156	Mingo P x Handy P	0	0	4	102	105	102	280	13	108	0.58
097HO42396	<b>EVERTON</b>	A2A2	BB	345216	E Profit x Jorben	0	0	8	106	105	113	610	11	105	0.11
097HO42274	<b>NIPPON P</b>	A2A2	BB	234165	Hotspot P x Bernell	0	0	8	105	106	104	505	10	103	-0.19
097HO42220	<b>BLESSING</b>	A2A2	AB	423561	Jethro x Final	0	0	9	106	108	112	540	10	103	0.12
097HO42179	<b>WIRDUM</b>	A2A2	BB	354216	Ranger x Jorben	0	0	5	107	103	108	494	7	101	-0.43

Information presented on NVI Dutch base from 04.22.

# Spring 2022 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
207	1984	125	0.38	82	0.12	109	72	107	107	105	99	103	103	103	398	-
191	1747	103	0.27	88	0.26	104	71	107	106	105	103	101	100	107	343	-
179	1322	105	0.48	74	0.28	105	72	107	102	110	101	103	98	108	354	SiryX
168	1169	102	0.52	66	0.25	108	72	111	111	107	101	102	95	106	311	SiryX
163	1281	80	0.25	83	0.38	110	72	107	104	106	100	105	100	106	372	-
163	1931	91	0.08	72	0.04	114	74	110	110	106	102	97	100	108	287	SiryX
160	429	109	0.98	51	0.39	104	73	102	106	99	103	104	106	102	250	-
159	1459	100	0.36	59	0.07	110	74	109	110	106	101	103	98	107	341	SiryX
158	1082	109	0.65	49	0.11	112	93	108	109	105	102	103	88	99	307	SiryX
152	732	85	0.56	67	0.43	112	72	110	109	106	105	106	101	104	344	-
151	1460	89	0.26	62	0.11	105	74	108	111	101	103	105	96	104	282	SiryX
140	1547	73	0.07	67	0.13	110	72	109	111	106	104	104	95	107	325	SiryX
140	1740	72	-0.02	68	0.07	106	71	100	105	98	104	101	95	104	247	-
137	823	94	0.61	43	0.15	105	72	109	106	108	102	106	99	102	294	SiryX
135	1340	67	0.1	68	0.21	109	72	108	106	107	101	103	95	107	345	-
129	913	78	0.4	51	0.2	115	72	111	105	111	104	103	96	110	322	-
128	1395	64	0.05	64	0.15	103	72	103	101	105	103	105	103	107	259	-
115	793	62	0.29	53	0.26	105	73	110	113	103	102	103	98	108	290	SiryX
111	837	47	0.12	64	0.36	109	73	107	110	103	104	110	101	106	316	-
95	598	48	0.24	47	0.28	108	74	106	105	105	108	104	93	108	272	SiryX
88	759	39	0.07	49	0.24	109	74	109	105	110	104	102	99	105	235	-

# 097HO42498 LIBERATE



**DELTA LIBERATE**  
 Gigantix x Rush Hour  
 NLDM000684554460  
**DOB:** 6/14/20  
**aAa:** 342516  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** Gigantix  
**Dam:** Peeldijker Liesje 1323

Peeldijker Liesje 1224, Granddam of Liberate



Liberate

**CRV EFFICIENCY 14%**

Longevity	<b>712</b>
Feed Efficiency	<b>105</b>
CFP	<b>191</b>

**CRV HEALTH 5%**

Hoof Health	<b>109</b>
Udder Health	<b>103</b>
Fertility	<b>101</b>

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	<b>1747</b>	SCS	<b>104</b>
Fat kg	<b>103</b>	Fat %	<b>0.27</b>
Protein kg	<b>88</b>	Protein %	<b>0.26</b>

**HEALTH TRAITS**

Clinical Mastitis	<b>102</b>	Subclinical Mastitis	<b>104</b>
Temperament	<b>103</b>	Persistency	<b>107</b>
Ketosis	<b>106</b>	Body Condition Score	<b>100</b>

**CALVING TRAITS**

Calf Survival	<b>98</b>	SCE	<b>103</b>
BW	<b>96</b>	DCE	<b>99</b>

**FEED EFFICIENCY**

Feed Intake	<b>50</b>
Feed Saved	<b>-0.44</b>

**MILK ROBOT**

Efficiency	<b>100</b>
Interval	<b>107</b>

**FERTILITY**

Fertility Index	<b>101</b>
Birth Index	<b>103</b>

**INDEXES**

NVI	<b>343</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

TYPE	107	UDC	106	FLC	105	LOC	106
Stature	Short						Tall <b>103</b>
Strength	Frail						Strong <b>101</b>
Body Depth	Shallow						Deep <b>101</b>
Angularity	Tight						Open <b>101</b>
Condition	Under						Over <b>100</b>
Rump Angle	High						Sloped <b>97</b>
Rump Width	Narrow						Wide <b>102</b>
R Legs Side	Posty						Sickle <b>97</b>
R Legs Rear	Hock In						Straight <b>105</b>
Foot Angle	Low						Steep <b>101</b>
Locomotion	Stiff						Free <b>106</b>
F U Attach	Loose						Strong <b>105</b>
R U Height	Low						High <b>107</b>
Udder Cleft	Weak						Strong <b>99</b>
Udder Depth	Deep						Shallow <b>105</b>
F Teat Place	Wide						Close <b>98</b>
R Teat Place	Wide						Close <b>98</b>
Teat Length	Short						Long <b>98</b>

# 097HO42445 POWERLIFT RF



**Delta Powerlift RF**  
 Abundant P x Adorable  
 NLDM000598186850  
**DOB:** 4/5/20  
**aAa:** 132564  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** Delta Abundant P RF  
**Dam:** Delta Cate

Delta Cate, Dam of Powerlift



Powerlift

**CRV EFFICIENCY 12%**

Longevity	<b>695</b>
Feed Efficiency	<b>103</b>
CFP	<b>140</b>

**CRV HEALTH 6%**

Hoof Health	<b>103</b>
Udder Health	<b>107</b>
Fertility	<b>104</b>

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>1547</b>	SCS	<b>110</b>
Fat kg	<b>73</b>	Fat %	<b>0.07</b>
Protein kg	<b>67</b>	Protein %	<b>0.13</b>

**HEALTH TRAITS**

Clinical Mastitis	<b>106</b>	Subclinical Mastitis	<b>107</b>
Temperament	<b>106</b>	Persistency	<b>105</b>
Ketosis	<b>104</b>	Body Condition Score	<b>102</b>

**CALVING TRAITS**

Calf Survival	<b>102</b>	SCE	<b>104</b>
BW	<b>94</b>	DCE	<b>104</b>

**FEED EFFICIENCY**

Feed Intake	<b>0</b>
Feed Saved	<b>-0.48</b>

**MILK ROBOT**

Efficiency	<b>95</b>
Interval	<b>107</b>

**FERTILITY**

Fertility Index	<b>104</b>
Birth Index	<b>105</b>

**INDEXES**

NVI	<b>325</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

TYPE	109	UDC	111	FLC	106	LOC	106
Stature	Short						Tall <b>102</b>
Strength	Frail						Strong <b>109</b>
Body Depth	Shallow						Deep <b>109</b>
Angularity	Tight						Open <b>103</b>
Condition	Under						Over <b>102</b>
Rump Angle	High						Sloped <b>97</b>
Rump Width	Narrow						Wide <b>99</b>
R Legs Side	Posty						Sickle <b>97</b>
R Legs Rear	Hock In						Straight <b>107</b>
Foot Angle	Low						Steep <b>103</b>
Locomotion	Stiff						Free <b>106</b>
F U Attach	Loose						Strong <b>110</b>
R U Height	Low						High <b>109</b>
Udder Cleft	Weak						Strong <b>102</b>
Udder Depth	Deep						Shallow <b>107</b>
F Teat Place	Wide						Close <b>100</b>
R Teat Place	Wide						Close <b>97</b>
Teat Length	Short						Long <b>103</b>

# 097HO42525 DOLMEN



Delta Ramos, Dam of Dolmen

## CRV EFFICIENCY 19%

Longevity	<b>765</b>
Feed Efficiency	<b>109</b>
CFP	<b>207</b>

## CRV HEALTH 7%

Hoof Health	<b>107</b>
Udder Health	<b>105</b>
Fertility	<b>103</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>1984</b>	Fat kg	<b>125</b>	Fat %	<b>0.38</b>
SCS	<b>99</b>	Protein kg	<b>82</b>	Protein %	<b>0.12</b>

## HEALTH TRAITS

Clinical Mastitis	<b>104</b>	Subclinical Mastitis	<b>106</b>	Temperament	<b>102</b>	Persistency	<b>103</b>	Ketosis	<b>107</b>	Body Condition Score	<b>96</b>
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## CALVING TRAITS

Calf Survival	<b>101</b>	SCE	<b>99</b>	BW	<b>98</b>	DCE	<b>105</b>
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## MILK ROBOT

Efficiency	<b>103</b>	Interval	<b>103</b>	Milking Speed	<b>104</b>
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## NEW CREATE

### DELTA DOLMEN

Topstone x Relevant  
NLDM000734970583

DOB: 9/21/20

aAa: 432516

Beta Casein: A1A2

Kappa Casein: BB

Sire: Topstone

Dam: Delta Greet

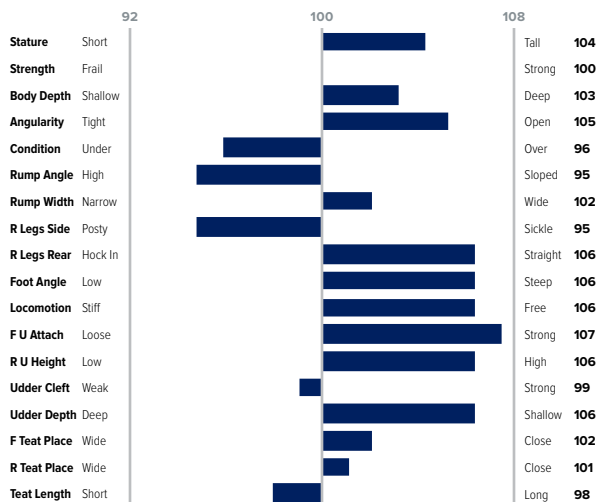


Dolmen

## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

TYPE	UDC	FLC	LOC
<b>107</b>	<b>107</b>	<b>105</b>	<b>106</b>



## FEED EFFICIENCY

Feed Intake	<b>-23</b>
Feed Saved	<b>0.21</b>

## FERTILITY

Fertility Index	<b>103</b>
Birth Index	<b>107</b>

## INDEXES

NVI	<b>398</b>
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# 097HO42413 LAUNCH PP-RED



## DELTA LAUNCH PP RED

Jopper P x Handy P  
NLDM000641394676

DOB: 1/3/20  
aAa: 351426  
99% RHA

Beta Casein: A1A2  
Kappa Casein: BB

Sire: De Biehseuvel Jopper P  
Dam: Caudumer Lol 422

Caudumer Lol 422, Dam of Launch PP

**POLLED**



Launch PP

### CRV EFFICIENCY 15%

Longevity	<b>622</b>
Feed Efficiency	<b>104</b>
CFP	<b>179</b>

### CRV HEALTH 7%

Hoof Health	<b>108</b>
Udder Health	<b>101</b>
Fertility	<b>103</b>

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>1322</b>	SCS	<b>105</b>
Fat kg	<b>105</b>	Fat %	<b>0.48</b>
Protein kg	<b>74</b>	Protein %	<b>0.28</b>

### HEALTH TRAITS

Clinical Mastitis	<b>100</b>	Subclinical Mastitis	<b>103</b>
Temperament	<b>102</b>	Persistency	<b>110</b>
Ketosis	<b>109</b>	Body Condition Score	<b>102</b>

### CALVING TRAITS

Calf Survival	<b>101</b>	SCE	<b>101</b>
BW	<b>93</b>	DCE	<b>104</b>

### FEED EFFICIENCY

Feed Intake	<b>42</b>
Feed Saved	<b>0.02</b>

### MILK ROBOT

Efficiency	<b>98</b>
Interval	<b>108</b>

### FERTILITY

Fertility Index	<b>103</b>
Birth Index	<b>102</b>

### INDEXES

NVI	<b>354</b>
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### CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

TYPE	107	UDC	102	FLC	110	LOC	110
Stature	Short					Tall	<b>99</b>
Strength	Frail					Strong	<b>104</b>
Body Depth	Shallow					Deep	<b>103</b>
Angularity	Tight					Open	<b>104</b>
Condition	Under					Over	<b>102</b>
Rump Angle	High					Sloped	<b>96</b>
Rump Width	Narrow					Wide	<b>99</b>
R Legs Side	Posty					Sickle	<b>98</b>
R Legs Rear	Hock In					Straight	<b>109</b>
Foot Angle	Low					Steep	<b>101</b>
Locomotion	Stiff					Free	<b>110</b>
F U Attach	Loose					Strong	<b>101</b>
R U Height	Low					High	<b>105</b>
Udder Cleft	Weak					Strong	<b>104</b>
Udder Depth	Deep					Shallow	<b>100</b>
F Teat Place	Wide					Close	<b>101</b>
R Teat Place	Wide					Close	<b>104</b>
Teat Length	Short					Long	<b>105</b>

# 097HO42274 NIPPON P



## DELTA NIPPON P

Hotspot P x Bernell  
HONLD000916132992

DOB: 2/5/19  
aAa: 234165  
99% RHA

Beta Casein: A2A2  
Kappa Casein: BB

Sire: Hotspot P  
Dam: Delta Nadine

Lin-Horst Delta Nayat, Granddam of Nippon P

**POLLED**



Nippon P

### CRV EFFICIENCY 10%

Longevity	<b>505</b>
Feed Efficiency	<b>103</b>
CFP	<b>111</b>

### CRV HEALTH 8%

Hoof Health	<b>106</b>
Udder Health	<b>105</b>
Fertility	<b>110</b>

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 73% Rel

Milk kg	<b>837</b>	SCS	<b>109</b>
Fat kg	<b>47</b>	Fat %	<b>0.12</b>
Protein kg	<b>64</b>	Protein %	<b>0.36</b>

### HEALTH TRAITS

Clinical Mastitis	<b>103</b>	Subclinical Mastitis	<b>106</b>
Temperament	<b>102</b>	Persistency	<b>105</b>
Ketosis	<b>104</b>	Body Condition Score	<b>100</b>

### CALVING TRAITS

Calf Survival	<b>100</b>	SCE	<b>104</b>
BW	<b>94</b>	DCE	<b>106</b>

### FEED EFFICIENCY

Feed Intake	<b>39</b>
Feed Saved	<b>-0.19</b>

### MILK ROBOT

Efficiency	<b>101</b>
Interval	<b>106</b>

### FERTILITY

Fertility Index	<b>110</b>
Birth Index	<b>105</b>

### INDEXES

NVI	<b>316</b>
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### CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

TYPE	107	UDC	110	FLC	103	LOC	103
Stature	Short					Tall	<b>100</b>
Strength	Frail					Strong	<b>97</b>
Body Depth	Shallow					Deep	<b>96</b>
Angularity	Tight					Open	<b>103</b>
Condition	Under					Over	<b>100</b>
Rump Angle	High					Sloped	<b>103</b>
Rump Width	Narrow					Wide	<b>101</b>
R Legs Side	Posty					Sickle	<b>98</b>
R Legs Rear	Hock In					Straight	<b>103</b>
Foot Angle	Low					Steep	<b>100</b>
Locomotion	Stiff					Free	<b>103</b>
F U Attach	Loose					Strong	<b>113</b>
R U Height	Low					High	<b>107</b>
Udder Cleft	Weak					Strong	<b>97</b>
Udder Depth	Deep					Shallow	<b>117</b>
F Teat Place	Wide					Close	<b>102</b>
R Teat Place	Wide					Close	<b>99</b>
Teat Length	Short					Long	<b>98</b>

# 097HO42540 VULCANO P



Vulcano

## CRV EFFICIENCY 15%

Longevity	<b>678</b>
Feed Efficiency	<b>106</b>
CFP	<b>163</b>

## CRV HEALTH 8%

Hoof Health	<b>108</b>
Udder Health	<b>107</b>
Fertility	<b>105</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>1281</b>	Fat kg	<b>80</b>	Fat %	<b>0.25</b>
SCS	<b>100</b>	Protein kg	<b>83</b>	Protein %	<b>0.38</b>

## HEALTH TRAITS

Clinical Mastitis	<b>105</b>	Subclinical Mastitis	<b>108</b>	Temperament	<b>103</b>	Persistency	<b>107</b>	Ketosis	<b>106</b>	Body Condition Score	<b>97</b>
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## CALVING TRAITS

Calf Survival	<b>101</b>	SCE	<b>100</b>	BW	<b>99</b>	DCE	<b>104</b>
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## MILK ROBOT

Efficiency	<b>100</b>	Interval	<b>106</b>	Milking Speed	<b>101</b>
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## NEW CREATE POLLED

### DELTA VULCANO P

Nippon P x Lowlands Trust  
NLDM000894523726

DOB: 11/12/20

aAa: 234165

Beta Casein: A2A2

Kappa Casein: BB

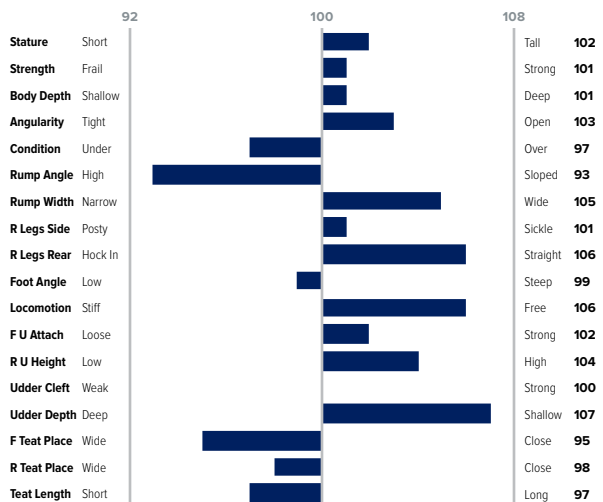
Sire: Nippon P

Dam: Delta Lokke

## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 51% Rel

TYPE	UDC	FLC	LOC
<b>107</b>	<b>104</b>	<b>106</b>	<b>106</b>



## FEED EFFICIENCY

Feed Intake	<b>-27</b>
Feed Saved	<b>0.10</b>

## FERTILITY

Fertility Index	<b>105</b>
Birth Index	<b>105</b>

## INDEXES

NVI	<b>372</b>
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# 097HO42467 LUCARDI



**DELTA LUCARDI**  
 Yes x Trust  
 NLDM000590972910  
**DOB:** 5/23/20  
**aAa:** 432156  
**Beta Casein:** A2A2  
**Kappa Casein:** AA  
**Sire:** Delta Yes  
**Dam:** Delta Lutske

Delta Laurin, Granddam of Lucardi



Lucardi

## CRV EFFICIENCY 13%

Longevity	494
Feed Efficiency	105
CFP	168

## CRV HEALTH 4%

Hoof Health	107
Udder Health	104
Fertility	102

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	1169	SCS	108
Fat kg	102	Fat %	0.52
Protein kg	66	Protein %	0.25

## HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	104
Temperament	103	Persistency	103
Ketosis	104	Body Condition Score	97

## CALVING TRAITS

Calf Survival	97	SCE	101
BW	99	DCE	106

## FEED EFFICIENCY

Feed Intake	0
Feed Saved	-0.19

## MILK ROBOT

Efficiency	95
Interval	106

## FERTILITY

Fertility Index	102
Birth Index	100

## INDEXES

NVI	311
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

TYPE	111	UDC	111	FLC	107	LOC	108
Stature	Short	92		Tall	106		
Strength	Frail			Strong	101		
Body Depth	Shallow			Deep	104		
Angularity	Tight			Open	105		
Condition	Under			Over	97		
Rump Angle	High			Sloped	99		
Rump Width	Narrow			Wide	104		
R Legs Side	Posty			Sickle	103		
R Legs Rear	Hock In			Straight	106		
Foot Angle	Low			Steep	96		
Locomotion	Stiff			Free	108		
F U Attach	Loose			Strong	108		
R U Height	Low			High	111		
Udder Cleft	Weak			Strong	105		
Udder Depth	Deep			Shallow	107		
F Teat Place	Wide			Close	103		
R Teat Place	Wide			Close	103		
Teat Length	Short			Long	101		

# 097HO42402 XANDER



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

Delta Xanne, Dam of Xander



Xander

## CRV EFFICIENCY 11%

Longevity	550
Feed Efficiency	104
CFP	137

## CRV HEALTH 7%

Hoof Health	109
Udder Health	101
Fertility	106

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	823	SCS	105
Fat kg	94	Fat %	0.61
Protein kg	43	Protein %	0.15

## HEALTH TRAITS

Clinical Mastitis	100	Subclinical Mastitis	103
Temperament	101	Persistency	106
Ketosis	101	Body Condition Score	100

## CALVING TRAITS

Calf Survival	103	SCE	102
BW	97	DCE	103

## FEED EFFICIENCY

Feed Intake	0
Feed Saved	-0.20

## MILK ROBOT

Efficiency	99
Interval	102

## FERTILITY

Fertility Index	106
Birth Index	107

## INDEXES

NVI	294
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

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



# 097HO42546 LIXOR



Peeldijker Liesje 1224, Granddam of Lixor

## CRV EFFICIENCY 9%

Longevity	<b>790</b>
Feed Efficiency	<b>100</b>
CFP	<b>152</b>

## CRV HEALTH 7%

Hoof Health	<b>108</b>
Udder Health	<b>107</b>
Fertility	<b>106</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>732</b>	Fat kg	<b>85</b>	Fat %	<b>0.56</b>
SCS	<b>105</b>	Protein kg	<b>67</b>	Protein %	<b>0.43</b>

## HEALTH TRAITS

Clinical Mastitis	<b>105</b>	Subclinical Mastitis	<b>108</b>	Temperament	<b>103</b>	Persistency	<b>106</b>	Ketosis	<b>104</b>	Body Condition Score	<b>104</b>
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## CALVING TRAITS

Calf Survival	<b>97</b>	SCE	<b>105</b>	BW	<b>93</b>	DCE	<b>97</b>
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## MILK ROBOT

Efficiency	<b>101</b>	Interval	<b>104</b>	Milking Speed	<b>104</b>
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NEW

## DELTA LIXOR

Nippon P x Double W Rush Hour  
NLDM000737504587

DOB: 10/30/20

aAa: 324156

Beta Casein: A1A2

Kappa Casein: BB

Sire: Nippon P

Dam: Liesje 1323

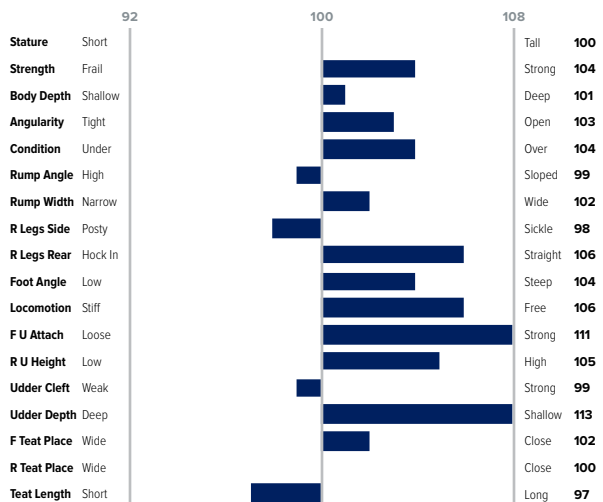


Lixor

## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 52% Rel

TYPE	UDC	FLC	LOC
<b>110</b>	<b>109</b>	<b>106</b>	<b>106</b>



## FEED EFFICIENCY

Feed Intake	<b>117</b>
Feed Saved	<b>-1.02</b>

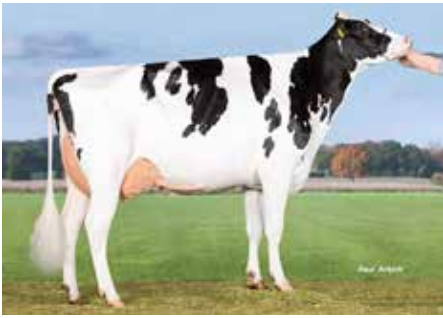
## FERTILITY

Fertility Index	<b>106</b>
Birth Index	<b>103</b>

## INDEXES

NVI	<b>344</b>
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# 097HO42362 NOMINATOR-RED



## DELTA NOMINATOR-RED

Jacuzzi x Finder  
BELM000914488171

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

Beta Casein: A1A2  
Kappa Casein: AB

Sire: Delta Jacuzzi  
Dam: Delta Nella

Tirsvad Kanu Nepha P, Granddam of Nominator



Nominator

CRV EFFICIENCY 14%	
Longevity	561
Feed Efficiency	105
CFP	159

CRV HEALTH 6%	
Hoof Health	101
Udder Health	105
Fertility	103

PREMIUM MILK			
Pro Daughters: 0 • Herds: 0 • 74% Rel			
Milk kg	1459	SCS	110
Fat kg	100	Fat %	0.36
Protein kg	59	Protein %	0.07

HEALTH TRAITS			
Clinical Mastitis	102	Subclinical Mastitis	107
Temperament	99	Persistency	113
Ketosis	105	Body Condition Score	101

CALVING TRAITS			
Calf Survival	106	SCE	101
BW	98	DCE	107

FEED EFFICIENCY	
Feed Intake	0
Feed Saved	0.01

MILK ROBOT	
Efficiency	98
Interval	107

FERTILITY	
Fertility Index	103
Birth Index	107

INDEXES	
NVI	341

## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 56% Rel

TYPE	109	UDC	110	FLC	106	LOC	106
Stature	Short					Tall	106
Strength	Frail					Strong	103
Body Depth	Shallow					Deep	99
Angularity	Tight					Open	103
Condition	Under					Over	101
Rump Angle	High					Sloped	100
Rump Width	Narrow					Wide	100
R Legs Side	Posty					Sickle	97
R Legs Rear	Hock In					Straight	107
Foot Angle	Low					Steep	106
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-RED



## DELTA JACUZZI RED

Livington x Incentive  
HONLD000666249656

DOB: 4/5/17  
aAa: 243615  
95% RHA

Beta Casein: A1A2  
Kappa Casein: AE

Sire: Het Meer Livington  
Dam: Oversticht Delta Jina

Jacuzzi 5947, Daughter



Jacuzzi Red

CRV EFFICIENCY 14%	
Longevity	277
Feed Efficiency	106
CFP	158

CRV HEALTH 6%	
Hoof Health	104
Udder Health	105
Fertility	103

PREMIUM MILK			
Pro Daughters: 1398 • Herds: 663 • 93% Rel			
Milk kg	1082	SCS	112
Fat kg	109	Fat %	0.65
Protein kg	49	Protein %	0.11

HEALTH TRAITS			
Clinical Mastitis	103	Subclinical Mastitis	106
Temperament	107	Persistency	112
Ketosis	100	Body Condition Score	99

CALVING TRAITS			
Calf Survival	105	SCE	102
BW	99	DCE	105

FEED EFFICIENCY	
Feed Intake	6
Feed Saved	0.32

MILK ROBOT	
Efficiency	88
Interval	99

FERTILITY	
Fertility Index	103
Birth Index	106

INDEXES	
NVI	307

## CONFORMATION

Conf Daughters: 1405 • Herds: 664 • 71% Rel

TYPE	108	UDC	109	FLC	105	LOC	108
Stature	Short					Tall	105
Strength	Frail					Strong	103
Body Depth	Shallow					Deep	98
Angularity	Tight					Open	103
Condition	Under					Over	99
Rump Angle	High					Sloped	97
Rump Width	Narrow					Wide	102
R Legs Side	Posty					Sickle	89
R Legs Rear	Hock In					Straight	108
Foot Angle	Low					Steep	108
Locomotion	Stiff					Free	108
F U Attach	Loose					Strong	107
R U Height	Low					High	108
Udder Cleft	Weak					Strong	104
Udder Depth	Deep					Shallow	110
F Teat Place	Wide					Close	104
R Teat Place	Wide					Close	105
Teat Length	Short					Long	96

# 097HO42394 LIMBIC



Limbic

**DELTA LIMBIC**  
 Fisherman x Rush Hour  
 NLDM000632593923  
**DOB:** 10/25/19  
**aAa:** 513462  
**99% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: AA**  
**Sire:** Delta Fisherman  
**Dam:** Peeldijker Liesje 1323

## CRV EFFICIENCY 13%

Longevity	<b>815</b>
Feed Efficiency	<b>105</b>
CFP	<b>135</b>

## CRV HEALTH 7%

Hoof Health	<b>106</b>
Udder Health	<b>109</b>
Fertility	<b>103</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>1340</b>	SCS	<b>109</b>
Fat kg	<b>67</b>	Fat %	<b>0.10</b>
Protein kg	<b>68</b>	Protein %	<b>0.21</b>

## HEALTH TRAITS

Clinical Mastitis	<b>108</b>	Subclinical Mastitis	<b>109</b>
Temperament	<b>105</b>	Persistency	<b>105</b>
Ketosis	<b>104</b>	Body Condition Score	<b>100</b>

## CALVING TRAITS

Calf Survival	<b>98</b>	SCE	<b>101</b>
BW	<b>99</b>	DCE	<b>103</b>

## FEED EFFICIENCY

Feed Intake	<b>0</b>
Feed Saved	<b>-0.01</b>

## MILK ROBOT

Efficiency	<b>95</b>
Interval	<b>107</b>

## FERTILITY

Fertility Index	<b>103</b>
Birth Index	<b>105</b>

## INDEXES

NVI	<b>345</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 53% Rel

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

# 097HO42501 PERFECT



Perfect

**DELTA PERFECT**  
 Woody x Jafin  
 NLDM000632215609  
**DOB:** 6/4/20  
**aAa:** 345261  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** Willem's-Hoeve Woody  
**Dam:** Delta Pien

## CRV EFFICIENCY 11%

Longevity	<b>660</b>
Feed Efficiency	<b>104</b>
CFP	<b>129</b>

## CRV HEALTH 8%

Hoof Health	<b>107</b>
Udder Health	<b>108</b>
Fertility	<b>103</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>913</b>	SCS	<b>115</b>
Fat kg	<b>78</b>	Fat %	<b>0.40</b>
Protein kg	<b>51</b>	Protein %	<b>0.20</b>

## HEALTH TRAITS

Clinical Mastitis	<b>106</b>	Subclinical Mastitis	<b>109</b>
Temperament	<b>106</b>	Persistency	<b>105</b>
Ketosis	<b>105</b>	Body Condition Score	<b>100</b>

## CALVING TRAITS

Calf Survival	<b>105</b>	SCE	<b>104</b>
BW	<b>95</b>	DCE	<b>103</b>

## FEED EFFICIENCY

Feed Intake	<b>0</b>
Feed Saved	<b>0.03</b>

## MILK ROBOT

Efficiency	<b>96</b>
Interval	<b>110</b>

## FERTILITY

Fertility Index	<b>103</b>
Birth Index	<b>105</b>

## INDEXES

NVI	<b>322</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 52% Rel

TYPE	111	UDC	105	FLC	111	LOC	110
Stature	Short	92					Tall 103
Strength	Frail						Strong 105
Body Depth	Shallow						Deep 106
Angularity	Tight						Open 103
Condition	Under						Over 100
Rump Angle	High						Sloped 102
Rump Width	Narrow						Wide 104
R Legs Side	Posty						Sickle 99
R Legs Rear	Hock In						Straight 111
Foot Angle	Low						Steep 103
Locomotion	Stiff						Free 110
F U Attach	Loose						Strong 105
R U Height	Low						High 103
Udder Cleft	Weak						Strong 99
Udder Depth	Deep						Shallow 104
F Teat Place	Wide						Close 101
R Teat Place	Wide						Close 97
Teat Length	Short						Long 102

# 097HO42175 WOODY



## WILLEM'S-HOEVE WOODY

Ranger x Jetset  
HONLD000965020507

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

Beta Casein: A2A2  
Kappa Casein: AB

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

Willem's=Hoeve Rita 1626a, Dam of Woody



Woody

### CRV EFFICIENCY 13%

Longevity	556
Feed Efficiency	105
CFP	163

### CRV HEALTH 3%

Hoof Health	105
Udder Health	105
Fertility	97

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 74% Rel

Milk kg	1931	SCS	114
Fat kg	91	Fat %	0.08
Protein kg	72	Protein %	0.04

### HEALTH TRAITS

Clinical Mastitis	103	Subclinical Mastitis	106
Temperament	106	Persistency	103
Ketosis	101	Body Condition Score	100

### CALVING TRAITS

Calf Survival	99	SCE	102
BW	97	DCE	103

### FEED EFFICIENCY

Feed Intake	43
Feed Saved	-0.24

### MILK ROBOT

Efficiency	100
Interval	108

### FERTILITY

Fertility Index	97
Birth Index	102

### INDEXES

NVI	287
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### CONFORMATION

Conf Daughters: 0 • Herds: 0 • 59% Rel

TYPE	110	UDC	110	FLC	106	LOC	105
Stature	92			100		108	Tall 107
Strength							Strong 106
Body Depth							Deep 110
Angularity							Open 108
Condition							Over 100
Rump Angle							Sloped 104
Rump Width							Wide 103
R Legs Side							Sickle 100
R Legs Rear							Straight 105
Foot Angle							Steep 104
Locomotion							Free 105
F U Attach							Strong 107
R U Height							High 109
Udder Cleft							Strong 101
Udder Depth							Shallow 106
F Teat Place							Close 103
R Teat Place							Close 98
Teat Length							Long 100

# 097HO42461 BELIEVER



## LOWLANDS BELIEVER

Lunar x Altatopshot  
NLDM000589817592

DOB: 10/22/19  
aAa: 243165  
98% RHA

Beta Casein: A2A2  
Kappa Casein: BB

Sire: Delta Lunar  
Dam: Belda 1

Belda 1, Dam of Believer



Believer

### CRV EFFICIENCY 12%

Longevity	512
Feed Efficiency	104
CFP	151

### CRV HEALTH 6%

Hoof Health	106
Udder Health	100
Fertility	105

### PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 74% Rel

Milk kg	1460	SCS	105
Fat kg	89	Fat %	0.26
Protein kg	62	Protein %	0.11

### HEALTH TRAITS

Clinical Mastitis	99	Subclinical Mastitis	101
Temperament	103	Persistency	106
Ketosis	108	Body Condition Score	102

### CALVING TRAITS

Calf Survival	104	SCE	103
BW	97	DCE	105

### FEED EFFICIENCY

Feed Intake	0
Feed Saved	-0.35

### MILK ROBOT

Efficiency	96
Interval	104

### FERTILITY

Fertility Index	105
Birth Index	104

### INDEXES

NVI	282
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### CONFORMATION

Conf Daughters: 0 • Herds: 0 • 56% Rel

TYPE	108	UDC	111	FLC	101	LOC	103
Stature	92			100		108	Tall 103
Strength							Strong 102
Body Depth							Deep 102
Angularity							Open 103
Condition							Over 102
Rump Angle							Sloped 97
Rump Width							Wide 99
R Legs Side							Sickle 93
R Legs Rear							Straight 102
Foot Angle							Steep 106
Locomotion							Free 103
F U Attach							Strong 110
R U Height							High 109
Udder Cleft							Strong 106
Udder Depth							Shallow 105
F Teat Place							Close 103
R Teat Place							Close 103
Teat Length							Long 103

# 097HO42319 WARMOND P RF



Warmond P RF

**POLLED**

**DELTA WARMOND P RF**  
Mingo P x Handy P  
HONLD000758205788

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

**Beta Casein: A2A2**  
**Kappa Casein: AA**

**Sire:** Delta Mingo P  
**Dam:** Delta Warber

# 097HO42532 GEORGIO PP



Georgio PP

**POLLED**

**KNS GEORGIO PP**  
Simon P x Mission P  
DEUM000361986025

**DOB:** 4/5/20  
**aAa:** 234156

**Beta Casein: A2A2**  
**Kappa Casein: AB**

**Sire:** Simon P  
**Dam:** KNS Glasperl

**CRV EFFICIENCY 13%**

Longevity	<b>280</b>
Feed Efficiency	<b>108</b>
CFP	<b>128</b>

**CRV HEALTH 4%**

Hoof Health	<b>105</b>
Udder Health	<b>102</b>
Fertility	<b>105</b>

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 72% Rel

Milk kg	<b>1395</b>	SCS	<b>103</b>
Fat kg	<b>64</b>	Fat %	<b>0.05</b>
Protein kg	<b>64</b>	Protein %	<b>0.15</b>

**HEALTH TRAITS**

Clinical Mastitis	<b>101</b>	Subclinical Mastitis	<b>102</b>
Temperament	<b>99</b>	Persistency	<b>107</b>
Ketosis	<b>102</b>	Body Condition Score	<b>98</b>

**CALVING TRAITS**

Calf Survival	<b>101</b>	SCE	<b>103</b>
BW	<b>97</b>	DCE	<b>100</b>

**FEED EFFICIENCY**

Feed Intake	<b>91</b>
Feed Saved	<b>0.58</b>

**MILK ROBOT**

Efficiency	<b>103</b>
Interval	<b>107</b>

**FERTILITY**

Fertility Index	<b>105</b>
Birth Index	<b>100</b>

**INDEXES**

NVI	<b>259</b>
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**CONFORMATION**

Conf Daughters: 0 • Herds: 0 • 54% Rel

TYPE	103	UDC	101	FLC	105	LOC	106
Stature	Short						Tall <b>101</b>
Strength	Frail						Strong <b>96</b>
Body Depth	Shallow						Deep <b>99</b>
Angularity	Tight						Open <b>101</b>
Condition	Under						Over <b>98</b>
Rump Angle	High						Sloped <b>102</b>
Rump Width	Narrow						Wide <b>100</b>
R Legs Side	Posty						Sickle <b>98</b>
R Legs Rear	Hock In						Straight <b>105</b>
Foot Angle	Low						Steep <b>100</b>
Locomotion	Stiff						Free <b>106</b>
F U Attach	Loose						Strong <b>100</b>
R U Height	Low						High <b>104</b>
Udder Cleft	Weak						Strong <b>101</b>
Udder Depth	Deep						Shallow <b>101</b>
F Teat Place	Wide						Close <b>105</b>
R Teat Place	Wide						Close <b>104</b>
Teat Length	Short						Long <b>95</b>

**CRV EFFICIENCY 14%**

Longevity	<b>467</b>
Feed Efficiency	<b>108</b>
CFP	<b>140</b>

**CRV HEALTH 5%**

Hoof Health	<b>105</b>
Udder Health	<b>100</b>
Fertility	<b>101</b>

**PREMIUM MILK**

Pro Daughters: 0 • Herds: 0 • 71% Rel

Milk kg	<b>1740</b>	SCS	<b>106</b>
Fat kg	<b>72</b>	Fat %	<b>-0.02</b>
Protein kg	<b>68</b>	Protein %	<b>0.07</b>

**HEALTH TRAITS**

Clinical Mastitis	<b>99</b>	Subclinical Mastitis	<b>102</b>
Temperament	<b>102</b>	Persistency	<b>112</b>
Ketosis	<b>103</b>	Body Condition Score	<b>94</b>

**CALVING TRAITS**

Calf Survival	<b>103</b>	SCE	<b>104</b>
BW	<b>97</b>	DCE	<b>103</b>

**FEED EFFICIENCY**

Feed Intake	<b>0</b>
Feed Saved	<b>0.44</b>

**MILK ROBOT**

Efficiency	<b>95</b>
Interval	<b>104</b>

**FERTILITY**

Fertility Index	<b>101</b>
Birth Index	<b>105</b>

**INDEXES**

NVI	<b>247</b>
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**CONFORMATION**

Conf Daughters: 0 • Herds: 0 • 51% Rel

TYPE	100	UDC	105	FLC	98	LOC	98
Stature	Short						Tall <b>101</b>
Strength	Frail						Strong <b>94</b>
Body Depth	Shallow						Deep <b>101</b>
Angularity	Tight						Open <b>104</b>
Condition	Under						Over <b>94</b>
Rump Angle	High						Sloped <b>99</b>
Rump Width	Narrow						Wide <b>96</b>
R Legs Side	Posty						Sickle <b>100</b>
R Legs Rear	Hock In						Straight <b>98</b>
Foot Angle	Low						Steep <b>100</b>
Locomotion	Stiff						Free <b>98</b>
F U Attach	Loose						Strong <b>105</b>
R U Height	Low						High <b>104</b>
Udder Cleft	Weak						Strong <b>99</b>
Udder Depth	Deep						Shallow <b>101</b>
F Teat Place	Wide						Close <b>103</b>
R Teat Place	Wide						Close <b>99</b>
Teat Length	Short						Long <b>101</b>

# 097HO42396 **EVERTON**



**DELTA EVERTON**  
E Profit x Jorben  
NLDM000933631935

**DOB:** 11/7/19  
**aAa:** 345216  
**97% RHA**

**Beta Casein: A2A2**  
**Kappa Casein: BB**

**Sire:** De Leenhorst E Profit  
**Dam:** Delta Evelyn

Delta Evelyn, Dam of Everton



Everton

## CRV EFFICIENCY 11%

Longevity	<b>610</b>
Feed Efficiency	<b>105</b>
CFP	<b>115</b>

## CRV HEALTH 8%

Hoof Health	<b>105</b>
Udder Health	<b>106</b>
Fertility	<b>103</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 73% Rel

Milk kg	<b>793</b>	SCS	<b>105</b>
Fat kg	<b>62</b>	Fat %	<b>0.29</b>
Protein kg	<b>53</b>	Protein %	<b>0.26</b>

## HEALTH TRAITS

Clinical Mastitis	<b>105</b>	Subclinical Mastitis	<b>106</b>
Temperament	<b>101</b>	Persistency	<b>108</b>
Ketosis	<b>113</b>	Body Condition Score	<b>102</b>

## CALVING TRAITS

Calf Survival	<b>105</b>	SCE	<b>102</b>
BW	<b>98</b>	DCE	<b>107</b>

## FEED EFFICIENCY

Feed Intake	<b>0</b>
Feed Saved	<b>0.11</b>

## MILK ROBOT

Efficiency	<b>98</b>
Interval	<b>108</b>

## FERTILITY

Fertility Index	<b>103</b>
Birth Index	<b>106</b>

## INDEXES

NVI	<b>290</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 56% Rel

TYPE	110	UDC	113	FLC	103	LOC	104
Stature	Short					Tall	<b>103</b>
Strength	Frail					Strong	<b>100</b>
Body Depth	Shallow					Deep	<b>101</b>
Angularity	Tight					Open	<b>102</b>
Condition	Under					Over	<b>102</b>
Rump Angle	High					Sloped	<b>103</b>
Rump Width	Narrow					Wide	<b>102</b>
R Legs Side	Posty					Sickle	<b>94</b>
R Legs Rear	Hock In					Straight	<b>104</b>
Foot Angle	Low					Steep	<b>105</b>
Locomotion	Stiff					Free	<b>104</b>
F U Attach	Loose					Strong	<b>113</b>
R U Height	Low					High	<b>111</b>
Udder Cleft	Weak					Strong	<b>109</b>
Udder Depth	Deep					Shallow	<b>110</b>
F Teat Place	Wide					Close	<b>109</b>
R Teat Place	Wide					Close	<b>109</b>
Teat Length	Short					Long	<b>102</b>

# 097HO42220 **BLESSING**



**LOWLANDS BLESSING**  
Jethro x Final  
HONLD000598753212

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

**Beta Casein: A2A2**  
**Kappa Casein: AB**

**Sire:** De Biesheuvel Jethro  
**Dam:** Bles 292

Bles 291, Granddam of Blessing



Blessing

## CRV EFFICIENCY 10%

Longevity	<b>540</b>
Feed Efficiency	<b>103</b>
CFP	<b>95</b>

## CRV HEALTH 9%

Hoof Health	<b>108</b>
Udder Health	<b>106</b>
Fertility	<b>104</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 74% Rel

Milk kg	<b>598</b>	SCS	<b>108</b>
Fat kg	<b>48</b>	Fat %	<b>0.24</b>
Protein kg	<b>47</b>	Protein %	<b>0.28</b>

## HEALTH TRAITS

Clinical Mastitis	<b>104</b>	Subclinical Mastitis	<b>107</b>
Temperament	<b>102</b>	Persistency	<b>106</b>
Ketosis	<b>112</b>	Body Condition Score	<b>104</b>

## CALVING TRAITS

Calf Survival	<b>97</b>	SCE	<b>108</b>
BW	<b>93</b>	DCE	<b>102</b>

## FEED EFFICIENCY

Feed Intake	<b>-10</b>
Feed Saved	<b>0.12</b>

## MILK ROBOT

Efficiency	<b>93</b>
Interval	<b>108</b>

## FERTILITY

Fertility Index	<b>104</b>
Birth Index	<b>107</b>

## INDEXES

NVI	<b>272</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 58% Rel

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

# 097HO42361 RETREAT



Retreat

**KOEPEON RETREAT**  
 Altalawson x Hotline  
 NLDM000682613550  
**DOB:** 4/28/19  
**aAa:** 234165  
**99% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: AB**  
**Sire:** Peak Altalawson  
**Dam:** Hotline Ruby 11

## CRV EFFICIENCY 11%

Longevity	<b>480</b>
Feed Efficiency	<b>104</b>
CFP	<b>160</b>

## CRV HEALTH 5%

Hoof Health	<b>101</b>
Udder Health	<b>99</b>
Fertility	<b>104</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 73% Rel

Milk kg	<b>429</b>	SCS	<b>104</b>
Fat kg	<b>109</b>	Fat %	<b>0.98</b>
Protein kg	<b>51</b>	Protein %	<b>0.39</b>

## HEALTH TRAITS

Clinical Mastitis	<b>97</b>	Subclinical Mastitis	<b>101</b>
Temperament	<b>103</b>	Persistency	<b>102</b>
Ketosis	<b>106</b>	Body Condition Score	<b>93</b>

## CALVING TRAITS

Calf Survival	<b>102</b>	SCE	<b>103</b>
BW	<b>97</b>	DCE	<b>107</b>

## FEED EFFICIENCY

Feed Intake	<b>-268</b>
Feed Saved	<b>-0.04</b>

## MILK ROBOT

Efficiency	<b>106</b>
Interval	<b>102</b>

## FERTILITY

Fertility Index	<b>104</b>
Birth Index	<b>110</b>

## INDEXES

NVI	<b>250</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 51% Rel

TYPE	102	UDC	106	FLC	99	LOC	99
Stature	Short					Tall	<b>109</b>
Strength	Frail					Strong	<b>98</b>
Body Depth	Shallow					Deep	<b>105</b>
Angularity	Tight					Open	<b>107</b>
Condition	Under					Over	<b>93</b>
Rump Angle	High					Sloped	<b>99</b>
Rump Width	Narrow					Wide	<b>99</b>
R Legs Side	Posty					Sickle	<b>99</b>
R Legs Rear	Hock In					Straight	<b>99</b>
Foot Angle	Low					Steep	<b>104</b>
Locomotion	Stiff					Free	<b>99</b>
F U Attach	Loose					Strong	<b>105</b>
R U Height	Low					High	<b>105</b>
Udder Cleft	Weak					Strong	<b>100</b>
Udder Depth	Deep					Shallow	<b>108</b>
F Teat Place	Wide					Close	<b>99</b>
R Teat Place	Wide					Close	<b>99</b>
Teat Length	Short					Long	<b>94</b>

# 097HO42179 WIRDUM



Delta Wolda, Dam of Wirdum



Wirdum

**DELTA WIRDUM**  
 Ranger x Jorben  
 HONLD000664898766  
**DOB:** 6/12/18  
**aAa:** 354216  
**98% RHA**  
**Beta Casein: A2A2**  
**Kappa Casein: BB**  
**Sire:** Double W Ranger  
**Dam:** Delta Wolda

## CRV EFFICIENCY 7%

Longevity	<b>494</b>
Feed Efficiency	<b>101</b>
CFP	<b>88</b>

## CRV HEALTH 5%

Hoof Health	<b>103</b>
Udder Health	<b>107</b>
Fertility	<b>102</b>

## PREMIUM MILK

Pro Daughters: 0 • Herds: 0 • 74% Rel

Milk kg	<b>759</b>	SCS	<b>109</b>
Fat kg	<b>39</b>	Fat %	<b>0.07</b>
Protein kg	<b>49</b>	Protein %	<b>0.24</b>

## HEALTH TRAITS

Clinical Mastitis	<b>105</b>	Subclinical Mastitis	<b>107</b>
Temperament	<b>99</b>	Persistency	<b>108</b>
Ketosis	<b>108</b>	Body Condition Score	<b>103</b>

## CALVING TRAITS

Calf Survival	<b>98</b>	SCE	<b>104</b>
BW	<b>95</b>	DCE	<b>100</b>

## FEED EFFICIENCY

Feed Intake	<b>0</b>
Feed Saved	<b>-0.43</b>

## MILK ROBOT

Efficiency	<b>99</b>
Interval	<b>105</b>

## FERTILITY

Fertility Index	<b>102</b>
Birth Index	<b>103</b>

## INDEXES

NVI	<b>235</b>
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## CONFORMATION

Conf Daughters: 0 • Herds: 0 • 58% Rel

TYPE	109	UDC	105	FLC	110	LOC	111
Stature	Short					Tall	<b>99</b>
Strength	Frail					Strong	<b>106</b>
Body Depth	Shallow					Deep	<b>104</b>
Angularity	Tight					Open	<b>101</b>
Condition	Under					Over	<b>103</b>
Rump Angle	High					Sloped	<b>96</b>
Rump Width	Narrow					Wide	<b>104</b>
R Legs Side	Posty					Sickle	<b>103</b>
R Legs Rear	Hock In					Straight	<b>109</b>
Foot Angle	Low					Steep	<b>99</b>
Locomotion	Stiff					Free	<b>111</b>
F U Attach	Loose					Strong	<b>104</b>
R U Height	Low					High	<b>103</b>
Udder Cleft	Weak					Strong	<b>98</b>
Udder Depth	Deep					Shallow	<b>104</b>
F Teat Place	Wide					Close	<b>98</b>
R Teat Place	Wide					Close	<b>93</b>
Teat Length	Short					Long	<b>102</b>



# CRV CREATE SIRES

# ELITE TPI AND NM\$



Tictoc

## TICTOC-ET

097HO42628  
Alphabet x Lionel x Delta

GTPI	NM\$	CFP	UDC	PTAT
3074	1145	197	1.36	1.3

CREATE



Parker

## PARKER-ET

097HO42587  
Pari x Brass x Delta

GTPI	NM\$	CFP	UDC	PTAT
3043	913	149	2.42	2.78

CREATE



Fugleman

## FUGLEMAN-ET

097HO42510  
Altazazzle x Positive x Medley

GTPI	NM\$	CFP	UDC	PTAT
3016	1025	176	1.83	1.76

CREATE



Thrifty

## THRIFTY-ET

097HO42623  
Torro x Billy x Matters

GTPI	NM\$	CFP	UDC	PTAT
2943	1098	151	1.31	0.71

CREATE



Grandmaster

## GRANDMASTER-ET

097HO42579  
Lone Ranger x Jedi x Josuper

GTPI	NM\$	CFP	UDC	PTAT
3018	1101	169	1.26	0.77

CREATE



Car-Roy-Al Jennie 4713-ET, Granddam of Zuri

## ZURI-ET

097HO42585  
Altazazzle x Tahiti x Rubicon

GTPI	NM\$	CFP	UDC	PTAT
3039	1033	188	1.54	1.63

CREATE



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 offspring: 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 %
GAOCHAN	2785 ZURI	129	TOMBOLA	0.35
MARTINI	2420 TICTOC	127	KRILLIN	0.30
ZICO	2132 ECKERTON	127	ZURI	0.28
SAM BAL BEI	1911 KRILLIN	127	ECKERTON	0.28
TICTOC	1840 MERLE	123	THRIFTY	0.28
MATCHUP	1796 TOMBOLA	123	MERLE	0.27
BANNER	1653 HOTPOT	118	HOTPOT	0.26
HORDE	1618 MR ELI	116	GRANDMASTER	0.26
COLLECTOR	1604 GRANDMASTER	113	GONZO	0.25
CURVEBALL	1596 LAVEZZI	111	ENGINEER	0.25

CFP	DUTCH FAT %	DUTCH PROTEIN %	SCS	PERSISTANCY
TICTOC	197 RETREAT	0.98	LIXOR	0.43
ECKERTON	189 JACUZZI-RED	0.65	RETREAT	0.39
ZURI	188 XANDER	0.61	VULCANO P	0.38
MERLE	183 LIXOR	0.56	NIPPON P	0.36
GAOCHAN	182 LUCARDI	0.52	LAUNCH PP-RED	0.28
KRILLIN	179 LAUNCH PP-RED	0.48	BLESSING	0.28
FUGLEMAN	176 PERFECT	0.4	EVERTON	0.26
MR ELI	175 DOLMEN	0.38	LIBERATE	0.26
LAVEZZI	173 NOMINATOR-RED	0.36	LUCARDI	0.25
HOTPOT	170 EVERTON	0.29	WIRDUM	0.24

## HEALTH

CRV HEALTH	UDDER HEALTH	CLINICAL MASTITIS	SUBCLINICAL MASTITIS	HOOF HEALTH
BLESSING	9 LIMBIC	109	LIMBIC	108
EVERTON	8 PERFECT	108	PERFECT	106
VULCANO P	8 VULCANO P	107	POWERLIFT RF	106
COLLECTOR	8 LIXOR	107	VULCANO P	105
PERFECT	8 POWERLIFT RF	107	LIXOR	105
NIPPON P	8 WIRDUM	107	WIRDUM	105
GOKU	8 BLESSING	106	EVERTON	105
LAUNCH PP-RED	7 EVERTON	106	BLESSING	104
XANDER	7 GOKU	106	GOKU	104
LIXOR	7 NIPPON P	105	DOLMEN	104

LONGEVITY	PRODUCTIVE LIFE	LIVABILITY	HEIFER LIVABILITY	KETOSIS
COLLECTOR	659 HONEYCOMB	6.6	OFFSIDE	4.1
GUAM	633 COLLECTOR	6.5	LUKAKU	3.7
HOTPOT	614 ENGINEER	6.4	NOONTIME	3.6
UPSWING	581 ZICO	6.0	ENGINEER	3.2
HONEYCOMB	574 OFFSIDE	6.0	HONEYCOMB	3.1
LUKAKU	559 CURVEBALL	5.9	THRIFTY	3.0
MARTINI	529 GUAM	5.8	GRANDMASTER	2.9
ZURI	527 YAMCHA	5.8	CONESTOGA	2.9
ZICO	525 MARTINI	5.6	TOMBOLA	2.9
CONESTOGA	516 MATCHUP	5.5	YAMCHA	2.7

# Holstein Trait Leaders

## EFFICIENCY

CRV Efficiency		Feed Efficiency		MUN		FEED INTAKE	
DOLMEN	19	TICTOC	339	COLLECTOR	-0.2	NOONTIME	1.9
ZURI	18	ZURI	312	MARTINI	-0.2	GOKU	1.6
MR ELI	18	GAOCHAN	309	BANNER	-0.2	COLLECTOR	1.4
TICTOC	17	MERLE	304	NOONTIME	-0.2	GUAM	1.2
HOTPOT	17	HOTPOT	302	MERLE	-0.1	ENGINEER	1.2
COLLECTOR	17	ECKERTON	297	GRANDMASTER	-0.1	OFFSIDE	1.1
YAMCHA	17	THRIFTY	293	FUGLEMAN	-0.1	GRANDMASTER	1.0
GUAM	16	MR ELI	290	HALFTIME	-0.1	INTRICATE	0.9
ZICO	16	GRANDMASTER	290	UPSWING	-0.1	FACTOTUM	0.7
FUGLEMAN	16	FUGLEMAN	289	GOKU	-0.1	YAMCHA	0.7

## EFFICIENCY

## FERTILITY

FEED FOR MAINTENANCE		US FEED SAVED		CRV FERTILITY		DPR	
WARMOND P RF	0.58	TICTOC	340	NIPPON P	110	NOONTIME	1.2
GEORGIO PP	0.44	ZURI	315	GOKU	107	GOKU	1.1
JACUZZI-RED	0.32	GAOCHAN	312	GRANDMASTER	107	GRANDMASTER	0.6
DOLMEN	0.21	MERLE	307	LIXOR	106	OFFSIDE	0.5
BLESSING	0.12	HOTPOT	305	COLLECTOR	106	INTRICATE	0.5
EVERTON	0.11	ECKERTON	299	FACTOTUM	106	FACTOTUM	0.5
VULCANO P	0.10	THRIFTY	295	CURVEBALL	106	ENGINEER	0.4
PERFECT	0.03	GRANDMASTER	293	XANDER	106	YAMCHA	0.4
LAUNCH PP-RED	0.02	FUGLEMAN	291	WARMOND P RF	105	COLLECTOR	0.4
NOMINATOR-RED	0.01	MR ELI	290	YAMCHA	105	GUAM	0.4

## CALVING TRAITS

SCE		DCE		SSB		DSB	
GRANDMASTER	1.3	FACTOTUM	1.1	MATCHUP	4.7	INTRICATE	3.5
FACTOTUM	1.3	LAVEZZI	1.1	HALFTIME	4.8	SAM BAL BEI	3.6
MATCHUP	1.5	YAMCHA	1.2	CURVEBALL	4.8	MATCHUP	3.7
LUKAKU	1.5	HORDE	1.2	LUKAKU	4.9	FACTOTUM	3.8
COLLECTOR	1.6	ECKERTON	1.2	HOTPOT	4.9	GUAM	4.0
YAMCHA	1.6	GRANDMASTER	1.3	MORANT	4.9	ZICO	4.0
THRIFTY	1.6	THRIFTY	1.3	ZURI	5.1	UPSWING	4.0
UPSWING	1.6	UPSWING	1.3	GRANDMASTER	5.3	COLLECTOR	4.1
LAVEZZI	1.6	INTRICATE	1.3	THRIFTY	5.4	FERRY	4.1
HORDE	1.6	LUKAKU	1.4	TICTOC	5.4	YAMCHA	4.1

## ROBOT TRAITS

ROBOT EFFICIENCY		ROBOT INTERVAL		MILKING SPEED		RTP	
DOC HARDY	110	PERFECT	110	RETREAT	112	HONEYCOMB	-1.47
INTRICATE	108	WOODY	108	INTRICATE	108	LUKAKU	-0.59
SAM BAL BEI	107	LAUNCH PP-RED	108	LAVEZZI	108	HORDE	-0.24
ZURI	107	EVERTON	108	YAMCHA	108	MERLE	-0.14
LAVEZZI	106	BLESSING	108	ZURI	107	CONESTOGA	-0.12
RETREAT	106	WARMOND P RF	107	CONESTOGA	107	ENGINEER	-0.03
CONESTOGA	106	LIBERATE	107	SAM BAL BEI	107	COLLECTOR	0.08
PARKER	105	NOMINATOR-RED	107	OFFSIDE	107	MATCHUP	0.27
ZICO	105	POWERLIFT RF	107	HOTPOT	107	GAOCHAN	0.28
OFFSIDE	105	LIMBIC	107	GRANDMASTER	107	FUGLEMAN	0.29

# Trait Heritability

## INDEXES

NM\$		CM\$		NVI	
TICTOC	1145	TICTOC	1154	DOLMEN	398
GRANDMASTER	1101	GRANDMASTER	1119	VULCANO P	372
THRIFTY	1098	THRIFTY	1116	LAUNCH PP-RED	354
MERLE	1074	MERLE	1094	LIMBIC	345
HOTPOT	1047	HOTPOT	1060	LIXOR	344
GAOCHAN	1041	ZURI	1047	LIBERATE	343
ZURI	1033	GAOCHAN	1046	NOMINATOR-RED	341
FUGLEMAN	1025	FUGLEMAN	1043	COLLECTOR	341
LAVEZZI	1022	LAVEZZI	1038	POWERLIFT RF	325
CURVEBALL	1020	ENGINEER	1035	PERFECT	322

GTPI		GM\$		FM\$	
TICTOC	3074	TICTOC	1108	TICTOC	1073
PARKER	3043	GRANDMASTER	1085	GAOCHAN	1000
LAVEZZI	3040	THRIFTY	1079	THRIFTY	976
ZURI	3039	HOTPOT	1013	GRANDMASTER	969
GUAM	3034	MERLE	1012	CURVEBALL	953
ORONO	3023	ZURI	1004	HOTPOT	950
GRANDMASTER	3018	GAOCHAN	1002	MERLE	945
FUGLEMAN	3016	LAVEZZI	979	SAM BAL BEI	942
MERLE	3006	TOMBOLA	972	ZICO	940
UPSWING	2996	OFFSIDE	971	ZURI	927

## CONFORMATION

PTAT		UDC		FLC	
DOC HARDY	3.32	PARKER	2.42	PARKER	1.62
HOTLINE	2.89	DOC HARDY	2.39	ORONO	1.53
PARKER	2.78	HOTLINE	2.36	HOTLINE	1.51
ORONO	2.34	FACTOTUM	2.31	DOC HARDY	1.47
MR WU	2.01	MR WU	2.07	NOONTIME	1.28
FUGLEMAN	1.76	NOONTIME	2.07	LUKAKU	1.15
GUAM	1.74	ORONO	2.05	YAMCHA	1.00
UPSWING	1.69	GONZO	1.87	ENGINEER	1.00
LAVEZZI	1.67	GUAM	1.84	UPSWING	0.89
INTRICATE	1.66	FUGLEMAN	1.83	CURVEBALL	0.76

TEAT LENGTH		BIRTH WEIGHT		LOC	
CONESTOGA	1.16	SAM BAL BEI	105	WIRDUM	111
DOC HARDY	1.08	MR WU	105	PERFECT	110
BANNER	0.99	MARTINI	104	LAUNCH PP-RED	110
HALFTIME	0.97	KRILLIN	103	LUCARDI	108
COLLECTOR	0.75	MORANT	103	JACUZZI-RED	108
GAOCHAN	0.57	PARKER	102	XANDER	108
PARKER	0.55	GOGETA	102	LIMBIC	107
ORONO	0.34	MERLE	102	VULCANO P	106
ENGINEER	0.24	FERRY	102	HOTLINE	106
TOMBOLA	0.09	ZICO	101	DOLMEN	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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Add value to the calves leaving your dairy and improve the profitability of your operation with these Beef On Dairy approved sires From CRV.



### Marda **Ace** 8167

097AN00046

Jindra Acclaim x Connealy Black Granite

BW	WW	YW	Marb	RE	CW
1.3	77	140	0.49	0.69	75



### MSU CRV **Dark Knight** 041

097AN00001

S A V Pioneer 7301 x TC Total 410

BW	WW	YW	Marb	RE	CW
2.1	65	118	0.43	0.65	38



### Baldrige **Gator** G870

097AN00050

Yon Full Force C398 x Baldrige Isabel C221

BW	WW	YW	Marb	RE	CW
0.3	74	148	0.83	1.19	71



### DF **Natural** F245

097AN00041

VAR Discovery 2240 x Boyd Piscilla k1179

BW	WW	YW	Marb	RE	CW
0.1	75	149	0.74	0.65	64

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