

INTERNATIONAL

HOLSTEIN

APRIL 2025

The cogent *difference*



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NEW

Legend™

For purchase information on bulls with this icon please ask your local Cogent distributor for details



Indicates the sire ranks highly on either or both of the EcoFeed indexes



Robot Ready sires produce daughters that are suitable for robot milking

Ultraplus Ultraplus HighPurity

Further improvement of 3% in conception rates over previous sexed semen technology

Improved gender purity, with 96-97% gender accuracy, whether sorting for female or male

Cogent abides by the AHDB Dairy and Holstein UK established code of advertising.

www.cogentinternational.co.uk



COGENT ACCELERATE

Alanzo x Captain x Sassafras



NAAB: 522H005806 / AICode: H07826
HBN: H0GBR728173500322 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Accelerate

Sire: Peak Alanzo by Zazzle
Dam: BG Captain SS Carlin O VG85 by Captain
MGD: BG Sassa V Carlin A GP84 by Sassafras

Production Traits				0 d / h	
TPI®	3168	CM\$	\$786		
NM\$	\$765	FM\$	\$716		
Milk	645 lbs		81%R		
Fat	103 lbs		0.28 %		
Protein	35 lbs		0.05 %		

Health and Management Traits

Cow Concep Rate (CCR)	-0.1
Hfr Concep Rate (HCR)	0.3
Dtr Preg Rate (DPR)	-0.8
Fertility Index	-0.3
Somatic Cell (SCS)	3.08
Mastitis	-0.3
Livability	1.3
Heifer Livability	0.4
Productive Life (PL)	1.6
Gestation Length	-1
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	2.3

Cogent Traits

RoboticCow	8.0	Eco\$	\$864
Milking Speed	12.7	Ecofeed Hfr	96
Box Time	5.8	Ecofeed Cow	96

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Other Metrics

gEFI	12.6	aAa	243
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Metrics, Inc. (IMI). CM\$, FM\$, TPB\$, PTAT, CDCB, TPB\$ is registered trademark of Holstein USA.

COGENT B ADVANTAGE

Alanzo x Captain x Crimson



NAAB: 522H005844 / AICode: H07926
HBN: H0GBR582935118465 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Advantage

Sire: Peak Alanzo by Zazzle
Dam: BG Captain CR Carlin M by Captain
MGD: BG Crimson V Carlin C SP 7* by Crimson

Production Traits				0 d / h	
TPI®	3181	CM\$	\$809		
NM\$	\$776	FM\$	\$696		
Milk	582 lbs		81%R		
Fat	74 lbs		0.19 %		
Protein	41 lbs		0.08 %		

Health and Management Traits

Cow Concep Rate (CCR)	3.3
Hfr Concep Rate (HCR)	1.9
Dtr Preg Rate (DPR)	1.8
Fertility Index	2.6
Somatic Cell (SCS)	2.97
Mastitis	1.1
Livability	2.2
Heifer Livability	0.3
Productive Life (PL)	3.8
Gestation Length	-1
Sire Calving Ease (SCE)	1.8
Dtr Calving Ease (DCE)	1.8

Cogent Traits

RoboticCow	5.9	Eco\$	\$835
Milking Speed	9.7	Ecofeed Hfr	100
Box Time	7.7	Ecofeed Cow	98

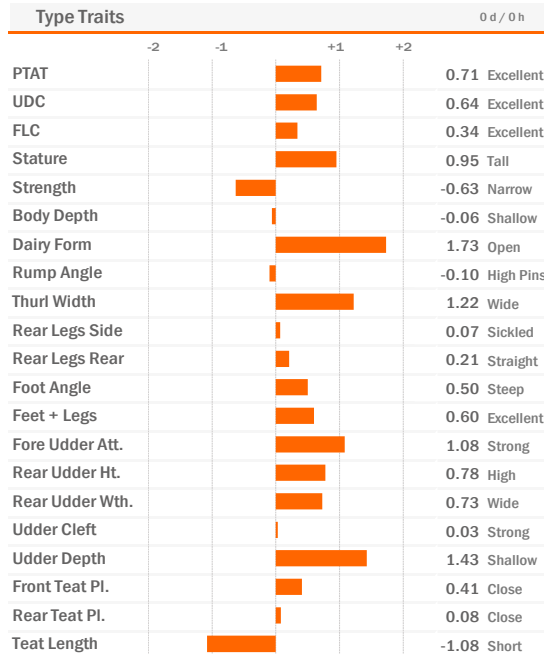
Milk Proteins

Kappa Casein	BB	Beta Casein	A2A2
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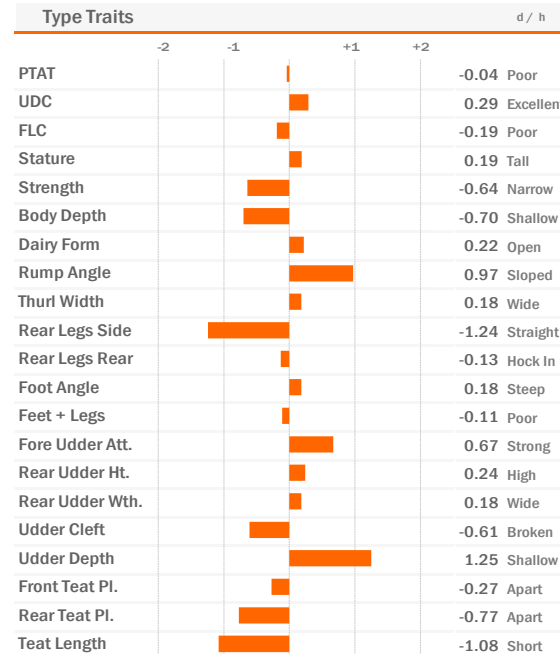
Other Metrics

gEFI	12.1	aAa	432
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Metrics, Inc. (IMI). CM\$, FM\$, TPB\$, PTAT, CDCB, TPB\$ is registered trademark of Holstein USA.



Proof Source: April 2025
International Metrics, Inc. (IMI). CM\$, FM\$, TPB\$, PTAT, CDCB, TPB\$ is registered trademark of Holstein USA.



Proof Source: April 2025
International Metrics, Inc. (IMI). CM\$, FM\$, TPB\$, PTAT, CDCB, TPB\$ is registered trademark of Holstein USA.

R DG **ALADDIN-RED**

Entitle RC x Olympian RC x Detox

NAAB: 224H004617 / AICode: H04617
HBN: HONLD000573341225 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Diamond Genetics, DE / Credit: Guilleme Moy
Photo Caption: Daughter Les Adoux Aladdin Dynastie RedSire: Stantons Entitle by Sympatico
Dam: R DG Avira Red VG85 by Olympian
MGD: BTS Avea Red VG89 by Detox

Production Traits		5343 d / 1882 h	
TPI®	2479	CM\$	\$15
NM\$	-\$9	FM\$	-\$63
Milk	-770 lbs	92%R	
Fat	-14 lbs	0.07 %	
Protein	-9 lbs	0.06 %	

Health and Management Traits	
Cow Concep Rate (CCR)	0.8
Hfr Concep Rate (HCR)	0.6
Dtr Preg Rate (DPR)	1.3
Fertility Index	0.9
Somatic Cell (SCS)	2.79
Mastitis	0.9
Livability	1.8
Heifer Livability	1.0
Productive Life (PL)	1.2
Gestation Length	1
Sire Calving Ease (SCE)	1.7
Dtr Calving Ease (DCE)	2.4

Cogent Traits			
RoboticCow	4.3	Eco\$	\$112
Milking Speed	6.0	Ecofeed Hfr	114
Box Time	9.3	Ecofeed Cow	82

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2

Other Metrics			
gEFI	9.5	aAa	432516

Proof Source: April 2025
International Metrics: PMS, CM\$, FM\$, TPI®, PTAT: CDCB. TPI® is registered trademark of Holstein USA.

EcoFeed, Eco\$, RoboticCow, Milking Speed and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

COGENT T **ALTITUDE**

Cirrus-P x Plinko x Monument-P

NAAB: 522H006334 / AICode: H08089
HBN: H0GBR580134202581 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Cogent Breeding & J Howie & Family, GB / Credit: Jane Steel
Photo Caption: MGGDam Boghill Glamour Hurricane Carlin D EX94 2ESire: Winstar Perfect Cirrus P by Perfect
Dam: BG Plinko M Carlin A P by Plinko
MGD: BG Monument H Carlin by Monument

Production Traits		0 d / h	
TPI®	3089	CM\$	\$633
NM\$	\$604	FM\$	\$538
Milk	502 lbs	80%R	
Fat	62 lbs	0.15 %	
Protein	33 lbs	0.06 %	

Health and Management Traits	
Cow Concep Rate (CCR)	1.3
Hfr Concep Rate (HCR)	0.4
Dtr Preg Rate (DPR)	0.0
Fertility Index	0.7
Somatic Cell (SCS)	2.81
Mastitis	3.2
Livability	0.6
Heifer Livability	0.1
Productive Life (PL)	3.8
Gestation Length	-2
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	2.0

Cogent Traits			
RoboticCow	6.5	Eco\$	\$709
Milking Speed	10.0	Ecofeed Hfr	95
Box Time	7.2	Ecofeed Cow	94

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics			
gEFI	12.7	aAa	0

Proof Source: April 2025
International Metrics: PMS, CM\$, FM\$, TPI®, PTAT: CDCB. TPI® is registered trademark of Holstein USA.

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COGENT B ANTONIO

Outcome x Rapid x Hotline



NAAB: 522H005070 / AICode: H07431
HBN: H0GBR582935415682 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Antonio

Sire: Ladys-Manor Outcome by Challenger
Dam: STGEN Rapid 87306 by Rapid
MGD: Peak Auburn Htin by Hotline

Production Traits		0 d / h	
TPI®	3099	CM\$	\$589
NM\$	\$561	FM\$	\$496
Milk	541 lbs	81%R	
Fat	71 lbs	0.18 %	
Protein	35 lbs	0.06 %	

Health and Management Traits	
Cow Concep Rate (CCR)	-0.7
Hfr Concep Rate (HCR)	-0.6
Dtr Preg Rate (DPR)	0.0
Fertility Index	0.1
Somatic Cell (SCS)	2.92
Mastitis	1.7
Livability	-1.2
Heifer Livability	0.2
Productive Life (PL)	1.6
Gestation Length	2
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	2.1

Cogent Traits			
RoboticCow	4.6	Eco\$	\$755
Milking Speed	6.5	Ecofeed Hfr	98
Box Time	8.3	Ecofeed Cow	97

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics			
gEFI	12.5	aAa	234

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Service Units (ISU). CM\$, FM\$, TPB®, PTAT, CDCB, TPB® is registered trademark of Holstein USA.

DG AREND P

Captain x Hotspot P x Answer P



NAAB: 522H004858 / AICode: H07161
HBN: HONLD000665040104 / Source: CDCB
BYF CDF CLF CNF CVF DPF POC MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Diamond Genetics, NL / Credit: Jane Steel
Photo Caption: DG Arend P

Sire: Genosource Captain by Charl
Dam: Gen Alisa by Hotspot P
MGD: Wilder Hilt by Answer P

Production Traits		0 d / h	
TPI®	3059	CM\$	\$601
NM\$	\$601	FM\$	\$601
Milk	1669 lbs	81%R	
Fat	52 lbs	-0.06 %	
Protein	51 lbs	-0.01 %	



Type Traits		d / h	
PTAT			0.95 Excellent
UDC			1.11 Excellent
FLC			-0.34 Poor
Stature			0.06 Tall
Strength			-1.18 Narrow
Body Depth			-0.47 Shallow
Dairy Form			1.63 Open
Rump Angle			0.66 Sloped
Thurl Width			0.82 Wide
Rear Legs Side			-0.17 Straight
Rear Legs Rear			-0.79 Hock In
Foot Angle			-0.91 Low
Feet + Legs			-0.11 Poor
Fore Udder Att.			1.25 Strong
Rear Udder Ht.			1.89 High
Rear Udder Wth.			1.71 Wide
Udder Cleft			-0.85 Broken
Udder Depth			1.19 Shallow
Front Teat Pl.			-1.36 Apart
Rear Teat Pl.			-1.60 Apart
Teat Length			-0.51 Short

Health and Management Traits	
Cow Concep Rate (CCR)	1.0
Hfr Concep Rate (HCR)	0.9
Dtr Preg Rate (DPR)	-0.4
Fertility Index	0.4
Somatic Cell (SCS)	3.08
Mastitis	1.2
Livability	-1.0
Heifer Livability	0.6
Productive Life (PL)	2.6
Gestation Length	1
Sire Calving Ease (SCE)	1.6
Dtr Calving Ease (DCE)	2.3

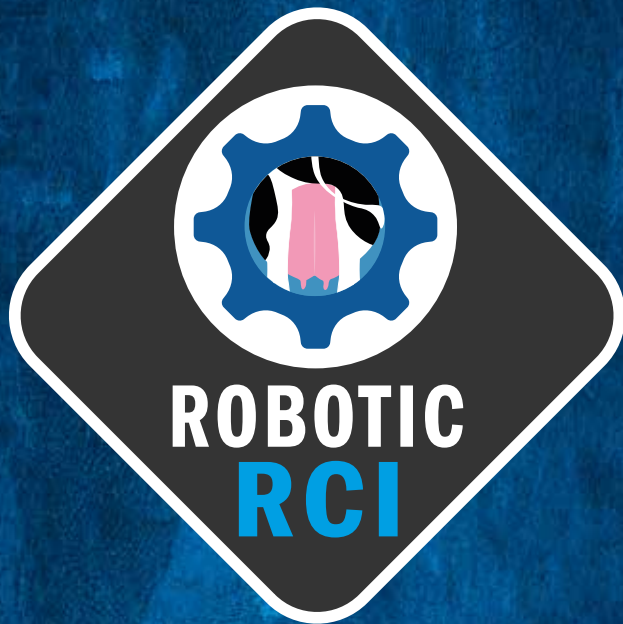
Cogent Traits			
RoboticCow	5.0	Eco\$	\$700
Milking Speed	10.2	Ecofeed Hfr	89
Box Time	8.2	Ecofeed Cow	93

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

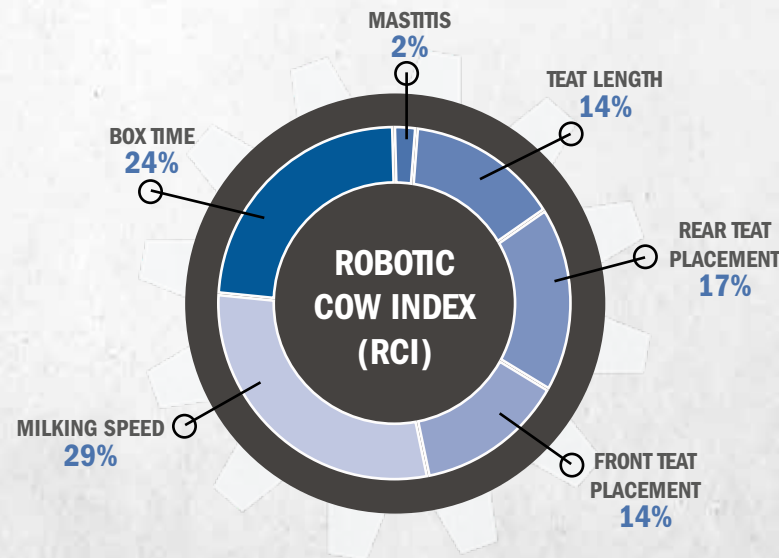
Other Metrics			
gEFI	11.7	aAa	243

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Service Units (ISU). CM\$, FM\$, TPB®, PTAT, CDCB, TPB® is registered trademark of Holstein USA.

Proof Source: April 2025
International Service Units (ISU). CM\$, FM\$, TPB®, PTAT, CDCB, TPB® is registered trademark of Holstein USA.



THE ONLY INDEX FROM ON-FARM ROBOTIC DATA DEVELOPED FOR ROBOTIC USERS



$$\text{Milking Speed} = \frac{\text{Milk Yield}}{\text{Milking time}}$$

Avg 7.2 lbs/min

$$\text{Box Time} = \text{Minutes per visit to the box}$$

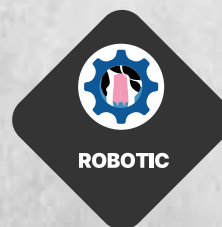
Average: 7.6 min/visit

$$\text{Effective Milking Speed} = \frac{\text{Milk Yield}}{\text{Box time}}$$

Average: 4.4 lbs/min

TOP 10

	BULL	RCI
1	CARBONATE	8.1
2	ACCELERATE	8.0
3	CARTELL	7.5
4	HYDRO	7.1
5	ATACAMA	6.8
6	LIBERTY	6.8
7	HIGH CALIBRE	6.6
8	ROLO	6.6
9	ALITUDE	6.5
10	ASCENSION	6.5



>5 YEARS
of data collected

>7,100
COWS

>1,450,000
daily milking records

**GENOMIC
ROBOTIC MARKERS**

*Box Time (42% heritability) and Milking Speed (53% heritability) are two new genetic markers validated by STgenetics from phenotypic results in robotic systems to precisely determine robotic milking performance.

COGENT B ASCENSION

Ahead x Captain x Crimson



NAAB: 522H005842 / AI Code: H07924
HBN: H0GBR582935218326 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Ascension

Sire: Blumenfeld Renegade Ahead by Renegade
Dam: BG Captain C Carlin D by Captain
MGD: BG Crimson V Carlin D SP 4* GP84 by Crimson

Production Traits		0 d / h	
TPI®	3137	CM\$	\$629
NM\$	\$602	FM\$	\$540
Milk	720 lbs		81%R
Fat	81 lbs		0.19 %
Protein	40 lbs		0.06 %

Health and Management Traits	
Cow Concep Rate (CCR)	2.3
Hfr Concep Rate (HCR)	0.6
Dtr Preg Rate (DPR)	-0.2
Fertility Index	1.0
Somatic Cell (SCS)	2.97
Mastitis	0.3
Livability	-1.6
Heifer Livability	0.4
Productive Life (PL)	2.7
Gestation Length	0
Sire Calving Ease (SCE)	1.9
Dtr Calving Ease (DCE)	1.9

Cogent Traits			
RoboticCow	6.5	Eco\$	\$825
Milking Speed	9.7	Ecofeed Hfr	101
Box Time	7.4	Ecofeed Cow	94

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Other Metrics			
gEFI	12.4	aAa	423

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Service, FMS, CM\$, FMS, TPB®, PTAT, CDCB, TPB® is registered trademark of Holstein USA.

COGENT B ASPIRE

Ahead x Captain x Crimson



NAAB: 522H005840 / AI Code: H07831
HBN: H0GBR582935118080 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Aspire

Sire: Blumenfeld Renegade Ahead by Renegade
Dam: BG Captain C Carlin P by Captain
MGD: BG Crimson V Carlin D SP 4* GP84 by Crimson

Production Traits		0 d / h	
TPI®	3108	CM\$	\$524
NM\$	\$473	FM\$	\$353
Milk	34 lbs		81%R
Fat	69 lbs		0.26 %
Protein	36 lbs		0.13 %

Health and Management Traits	
Cow Concep Rate (CCR)	3.6
Hfr Concep Rate (HCR)	0.1
Dtr Preg Rate (DPR)	1.5
Fertility Index	2.4
Somatic Cell (SCS)	2.89
Mastitis	2.1
Livability	0.2
Heifer Livability	-0.8
Productive Life (PL)	2.7
Gestation Length	-2
Sire Calving Ease (SCE)	2.2
Dtr Calving Ease (DCE)	2.2

Cogent Traits			
RoboticCow	6.4	Eco\$	\$759
Milking Speed	9.7	Ecofeed Hfr	98
Box Time	7.3	Ecofeed Cow	96

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2

Other Metrics			
gEFI	11.3	aAa	243

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Proof Source: April 2025
International Service, FMS, CM\$, FMS, TPB®, PTAT, CDCB, TPB® is registered trademark of Holstein USA.

Proof Source: April 2025
International Service, FMS, CM\$, FMS, TPB®, PTAT, CDCB, TPB® is registered trademark of Holstein USA.

COGENT B ATACAMA

Alanzo x Captain x Crimson



Type Traits		0 d / 0 h	
PTAT	-2	-1	-0.06 Poor
UDC			-0.27 Poor
FLC			-0.65 Poor
Stature			0.58 Tall
Strength			-0.62 Narrow
Body Depth			-0.07 Shallow
Dairy Form			1.73 Open
Rump Angle			0.92 Sloped
Thurl Width			0.58 Wide
Rear Legs Side			-0.39 Straight
Rear Legs Rear			-0.68 Hock In
Foot Angle			-0.57 Low
Feet + Legs			-0.41 Poor
Fore Udder Att.			-0.21 Broken
Rear Udder Ht.			0.03 High
Rear Udder Wth.			0.40 Wide
Udder Cleft			-0.75 Broken
Udder Depth			-0.05 Deep
Front Teat Pl.			-0.46 Apart
Rear Teat Pl.			-0.89 Apart
Teat Length			-0.55 Short

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPB\$, PTAT, CDCB, TPB\$ is registered trademark of Holstein USA.

NAAB: 522H005751 / AI Code: H07866
HBN: H0GBR582935217948 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Atacama

Sire: Peak Alanzo by Zazzle
Dam: BG Captain C by Captain
MGD: BG Crimson V Carlin C by Crimson

Production Traits		0 d / h	
TPI®	3070	CM\$	\$754
NM\$	\$749	FM\$	\$734
Milk	1075 lbs	81%R	
Fat	75 lbs	0.11 %	
Protein	38 lbs	0.01 %	

Health and Management Traits	
Cow Concep Rate (CCR)	2.6
Hfr Concep Rate (HCR)	3.2
Dtr Preg Rate (DPR)	1.1
Fertility Index	2.3
Somatic Cell (SCS)	3.12
Mastitis	-1.4
Livability	2.2
Heifer Livability	0.9
Productive Life (PL)	2.4
Gestation Length	1
Sire Calving Ease (SCE)	1.7
Dtr Calving Ease (DCE)	1.9

Cogent Traits			
RoboticCow	6.8	Eco\$	\$672
Milking Speed	11.6	Ecofeed Hfr	97
Box Time	6.9	Ecofeed Cow	87

Milk Proteins			
Kappa Casein	AA	Beta Casein	A2A2

Other Metrics			
gEFI	12.4	aAa	423

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.

DROUNER K&L

Solitary P x Silky x Bestboss



Type Traits		661 d / 366 h	
PTAT	-2	-1	0.96 Excellent
UDC			0.79 Excellent
FLC			1.63 Excellent
Stature			0.59 Tall
Strength			0.18 Wide
Body Depth			0.26 Deep
Dairy Form			0.08 Open
Rump Angle			0.97 Sloped
Thurl Width			0.47 Wide
Rear Legs Side			0.80 Sickled
Rear Legs Rear			2.20 Straight
Foot Angle			0.77 Steep
Feet + Legs			1.55 Excellent
Fore Udder Att.			1.42 Strong
Rear Udder Ht.			0.73 High
Rear Udder Wth.			0.92 Wide
Udder Cleft			0.35 Strong
Udder Depth			1.08 Shallow
Front Teat Pl.			0.73 Close
Rear Teat Pl.			0.60 Close
Teat Length			1.33 Long

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPB\$, PTAT, CDCB, TPB\$ is registered trademark of Holstein USA.

NAAB: 522H004319 / AI Code: H06358
HBN: H0NLD000840442679 / Source: CDCB

BYF CDF CLF CNF CVF DPF POC MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Drouner Holsteins, NL / Credit: Jane Steel
Photo Caption: Drouner K&L Augustus Red

Sire: Caudumer Solitary P by Salvatore
Dam: Drouner K&L Aiko 1557 VG89 by Silky
MGD: Drouner K&L Aiko 1398 VG89 by Kanu P

Production Traits		1777 d / 850 h	
TPI®	2721	CM\$	\$181
NM\$	\$158	FM\$	\$107
Milk	-40 lbs	92%R	
Fat	-14 lbs	-0.05 %	
Protein	11 lbs	0.05 %	

Health and Management Traits	
Cow Concep Rate (CCR)	0.5
Hfr Concep Rate (HCR)	-1.8
Dtr Preg Rate (DPR)	2.0
Fertility Index	1.0
Somatic Cell (SCS)	2.70
Mastitis	3.1
Livability	2.1
Heifer Livability	0.8
Productive Life (PL)	4.1
Gestation Length	-1
Sire Calving Ease (SCE)	1.9
Dtr Calving Ease (DCE)	2.0

Cogent Traits			
RoboticCow	3.8	Eco\$	\$347
Milking Speed	6.1	Ecofeed Hfr	99
Box Time	8.7	Ecofeed Cow	95

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2

Other Metrics			
gEFI	9.8	aAa	243156

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.

COGENT B AVALANCHE

Azura x Captain x Sassafras



NAAB: 522H005843 / AICode: H07925
HBN: H0GBR582935718457 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Avalanche

Sire: Peak Azura by Zazzle
Dam: BG Captain SS Carlin F GP84 by Captain
MGD: BG Sassa V Carlin A SP GP84 by Sassafras

Production Traits				0 d / h	
TPI®	3134	CM\$	\$772		
NM\$	\$736	FM\$	\$652		
Milk	605 lbs	81%R			
Fat	93 lbs	0.25 %			
Protein	42 lbs	0.08 %			

Health and Management Traits			
Cow Concep Rate (CCR)	-0.9		
Hfr Concep Rate (HCR)	-0.6		
Dtr Preg Rate (DPR)	-1.4		
Fertility Index	-0.8		
Somatic Cell (SCS)	2.88		
Mastitis	0.8		
Livability	0.3		
Heifer Livability	0.4		
Productive Life (PL)	1.4		
Gestation Length	-2		
Sire Calving Ease (SCE)	2.4		
Dtr Calving Ease (DCE)	2.5		

Cogent Traits			
RoboticCow	5.6	Eco\$	\$741
Milking Speed	8.7	Ecofeed Hfr	93
Box Time	8.1	Ecofeed Cow	87

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics			
gEFI	12.4	aAa	243

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Metrics. NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

BOGHILL GLAMOUR CAPTIVATE

Captain x Crimson x Verona



NAAB: 522H004785 / AICode: H07117
HBN: H0GBR949027118132 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Boghill Glamour Holsteins, GB / Credit: Jane Steel
Photo Caption: BG Captivate

Sire: Genosource Captain by Charl
Dam: BG Crimson V Carlin D GP84 by Crimson
MGD: Glamour Boghill Verona Carlin C VG85 by Verona

Production Traits				0 d / h	
TPI®	3148	CM\$	\$804		
NM\$	\$775	FM\$	\$707		
Milk	1005 lbs	82%R			
Fat	79 lbs	0.14 %			
Protein	50 lbs	0.06 %			

Health and Management Traits			
Cow Concep Rate (CCR)	1.5		
Hfr Concep Rate (HCR)	0.8		
Dtr Preg Rate (DPR)	0.0		
Fertility Index	0.9		
Somatic Cell (SCS)	2.93		
Mastitis	1.6		
Livability	1.7		
Heifer Livability	1.0		
Productive Life (PL)	3.5		
Gestation Length	0		
Sire Calving Ease (SCE)	2.0		
Dtr Calving Ease (DCE)	2.0		

Cogent Traits			
RoboticCow	5.6	Eco\$	\$971
Milking Speed	9.7	Ecofeed Hfr	102
Box Time	7.8	Ecofeed Cow	110

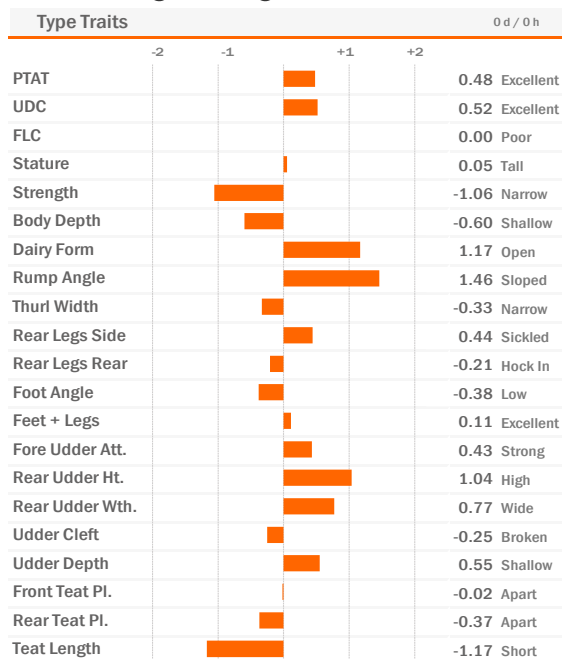
Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics			
gEFI	11.8	aAa	243

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Metrics. NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

COGENT CARBONATE

Hannity x Captain x Crimson



NAAB: 522H006119 / AI Code: H07968
HBN: H0GBR728173400363 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Carbonate

Sire: AOT Lariat Hannity by Lariat
Dam: BG Captain C Carlin D by Captain
MGD: BG Crimson V Carlin D 3* SP GP84 by Crimson

Production Traits				0 d / h
TPI®	3202	CM\$	\$910	
NM\$	\$875	FM\$	\$791	
Milk	378 lbs		81%R	
Fat	96 lbs		0.30 %	
Protein	37 lbs		0.09 %	

Health and Management Traits	
Cow Concep Rate (CCR)	0.6
Hfr Concep Rate (HCR)	1.3
Dtr Preg Rate (DPR)	-0.1
Fertility Index	0.3
Somatic Cell (SCS)	3.04
Mastitis	-0.9
Livability	2.3
Heifer Livability	0.3
Productive Life (PL)	3.4
Gestation Length	0
Sire Calving Ease (SCE)	1.8
Dtr Calving Ease (DCE)	1.9

Cogent Traits			
RoboticCow	8.1	Eco\$	\$951
Milking Speed	11.9	Ecofeed Hfr	94
Box Time	5.3	Ecofeed Cow	107

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

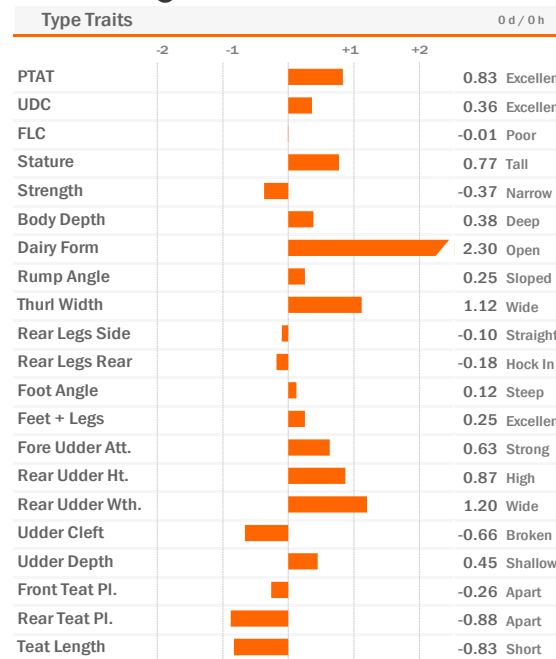
Other Metrics			
gEFI	12.2	aAa	0

Proof Source: April 2025
International Genetic: NMS, CMS, FMS, TPB®, PTAT: CDCB, TPB® is registered trademark of Holstein USA.

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COGENT CARTELL

Alanzo x Captain x Sassafras



NAAB: 522H005748 / AI Code: H07868
HBN: H0GBR728173400314 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent B Cartell

Sire: Peak Alanzo by Zazzle
Dam: BG Captain SS Carlin F GP84 by Captain
MGD: BG Sassa V Carlin A SP GP84 by Sassafras

Production Traits				0 d / h
TPI®	3147	CM\$	\$761	
NM\$	\$746	FM\$	\$708	
Milk	1206 lbs		81%R	
Fat	77 lbs		0.10 %	
Protein	48 lbs		0.03 %	

Health and Management Traits	
Cow Concep Rate (CCR)	0.2
Hfr Concep Rate (HCR)	0.4
Dtr Preg Rate (DPR)	-0.6
Fertility Index	0.3
Somatic Cell (SCS)	3.04
Mastitis	0.8
Livability	0.7
Heifer Livability	0.8
Productive Life (PL)	2.3
Gestation Length	0
Sire Calving Ease (SCE)	1.7
Dtr Calving Ease (DCE)	2.0

Cogent Traits			
RoboticCow	7.5	Eco\$	\$747
Milking Speed	12.1	Ecofeed Hfr	96
Box Time	6.3	Ecofeed Cow	87

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics			
gEFI	12.1	aAa	243

Proof Source: April 2025
International Genetic: NMS, CMS, FMS, TPB®, PTAT: CDCB, TPB® is registered trademark of Holstein USA.

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

DGF CASIMIR

Mojo x Helix x Supershot



NAAAB: 522H004469 / AICode: H06655
HBN: HONLD000737303054 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Diamond Genetics, DE / Credit: Cogent Breeding
Photo Caption: DGF Casimir

Sire: Dexpro Mojo by Medley
Dam: DG Camee by Helix
MGD: De Volmer DG Caylee VG86 by Supershot

Production Traits				316 d / 97 h
TPI®	2921	CM\$	\$350	
NM\$	\$293	FM\$	\$167	
Milk	-263 lbs		90%R	
Fat	19 lbs		0.11 %	
Protein	26 lbs		0.13 %	

Health and Management Traits			
Cow Concep Rate (CCR)			3.6
Hfr Concep Rate (HCR)			0.2
Dtr Preg Rate (DPR)			2.6
Fertility Index			2.6
Somatic Cell (SCS)			2.58
Mastitis			2.1
Livability			0.3
Heifer Livability			-0.4
Productive Life (PL)			3.3
Gestation Length			0
Sire Calving Ease (SCE)			2.1
Dtr Calving Ease (DCE)			2.3

Cogent Traits			
RoboticCow	4.3	Eco\$	\$377
Milking Speed	5.5	Ecofeed Hfr	91
Box Time	9.2	Ecofeed Cow	82

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics			
gEFI	12.1	aAa	423

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT: CDCB. TPI® is registered trademark of Holstein USA.

EcoFeed, Eco\$, RoboticCow, Milking Speed and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

DROUNER K&L CHASE

Pursuit x Superhero x Silver



NAAAB: 522H004359 / AICode: H06515
HBN: HONLD000840442662 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Drouner Holsteins, NL / Credit: Jane Steel
Photo Caption: Daughter, Slyche Chase Stella 2 VG86

Sire: Pine-Tree S-S-I Pursuit by Imax
Dam: Drouner K&L Classy VG87 by Superhero
MGD: Benthemmer K&L SV Classy by Silver

Production Traits				550 d / 141 h
TPI®	2992	CM\$	\$462	
NM\$	\$454	FM\$	\$439	
Milk	690 lbs		90%R	
Fat	59 lbs		0.11 %	
Protein	24 lbs		0.01 %	

Health and Management Traits			
Cow Concep Rate (CCR)			1.0
Hfr Concep Rate (HCR)			3.1
Dtr Preg Rate (DPR)			0.1
Fertility Index			1.0
Somatic Cell (SCS)			2.86
Mastitis			0.6
Livability			-0.2
Heifer Livability			0.2
Productive Life (PL)			1.9
Gestation Length			1
Sire Calving Ease (SCE)			2.2
Dtr Calving Ease (DCE)			1.5

Cogent Traits			
RoboticCow	5.5	Eco\$	\$763
Milking Speed	8.2	Ecofeed Hfr	99
Box Time	7.4	Ecofeed Cow	110

Milk Proteins			
Kappa Casein	AA	Beta Casein	A1A2

Other Metrics			
gEFI	12.5	aAa	423

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT: CDCB. TPI® is registered trademark of Holstein USA.

EcoFeed, Eco\$, RoboticCow, Milking Speed and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

Ecofeed[®]

Less is more.

EcoFeed is the only genetic index that identifies dairy cows with superior feed efficiency. Built on more than a decade of research and over 1.6 million daily feed intake records, it delivers proven results.

With EcoFeed, you can improve your farm's profitability and reduce its carbon footprint, all without compromising on production. Only Cogent can give you the tools to measure your improvements in feed efficiency, backed by the largest database for feed intake records.





Eco\$

The primary selection tool where sustainability meets productivity. Eco\$ values production, feed conversion efficiency and reduced methane from functional cows, expressed as lifetime profitability.



ECo²

A trait measuring lifetime carbon savings per animal, combining key traits that impact emissions over the animal's life:



COGENT B **CRUSADE**

Zazzle x Heroic x Perseus



Type Traits		0 d / 0 h			
		-2	-1	+1	+2
PTAT					0.62 Excellent
UDC					0.49 Excellent
FLC					0.16 Excellent
Stature					0.76 Tall
Strength					0.18 Wide
Body Depth					0.47 Deep
Dairy Form					0.81 Open
Rump Angle					0.47 Sloped
Thurl Width					0.98 Wide
Rear Legs Side					-0.49 Straight
Rear Legs Rear					-0.09 Hock In
Foot Angle					0.88 Steep
Feet + Legs					0.39 Excellent
Fore Udder Att.					0.95 Strong
Rear Udder Ht.					0.36 High
Rear Udder Wth.					0.63 Wide
Udder Cleft					0.63 Strong
Udder Depth					0.49 Shallow
Front Teat Pl.					0.89 Close
Rear Teat Pl.					1.02 Close
Teat Length					0.22 Long

Proof Source: April 2025. International Genetic: PMS, CMS, FMS, TPB, PTAT, CDCB, TPB is registered trademark of Holstein USA.

NAAB: 522H005074 / AICode: H07434
HBN: H0GBR582935716175 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Crusade

Sire: Peak Zazzle by Marius
Dam: BG Heroic P Carlin A by Heroic
MGD: BG Perseus S Carlin C by Perseus

Production Traits		0 d / h	
TPI®	3051	CM\$	\$664
NM\$	\$609	FM\$	\$482
Milk	-327 lbs	81%R	
Fat	88 lbs	0.39 %	
Protein	27 lbs	0.15 %	

Health and Management Traits	
Cow Concep Rate (CCR)	-0.8
Hfr Concep Rate (HCR)	-2.5
Dtr Preg Rate (DPR)	-0.8
Fertility Index	-1.1
Somatic Cell (SCS)	2.85
Mastitis	2.5
Livability	-0.6
Heifer Livability	0.3
Productive Life (PL)	1.3
Gestation Length	-1
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	1.5

Cogent Traits			
RoboticCow	5.7	Eco\$	\$677
Milking Speed	9.7	Ecofeed Hfr	102
Box Time	7.9	Ecofeed Cow	85

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Other Metrics		
gEFI	12.7	aAa 342

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

DG OH **DONTE**

Skywalker x Topshot x Rubicon



Type Traits		320 d / 64 h			
		-2	-1	+1	+2
PTAT					0.62 Excellent
UDC					0.18 Excellent
FLC					-0.35 Poor
Stature					0.95 Tall
Strength					0.56 Wide
Body Depth					0.69 Deep
Dairy Form					0.69 Open
Rump Angle					0.94 Sloped
Thurl Width					-0.41 Narrow
Rear Legs Side					0.27 Sickled
Rear Legs Rear					-0.45 Hock In
Foot Angle					0.06 Steep
Feet + Legs					-0.04 Poor
Fore Udder Att.					0.39 Strong
Rear Udder Ht.					0.00 Low
Rear Udder Wth.					-0.08 Narrow
Udder Cleft					0.75 Strong
Udder Depth					1.16 Shallow
Front Teat Pl.					0.52 Close
Rear Teat Pl.					0.20 Close
Teat Length					0.50 Long

Proof Source: April 2025. International Genetic: PMS, CMS, FMS, TPB, PTAT, CDCB, TPB is registered trademark of Holstein USA.

NAAB: 522H004270 / AICode: H06264
HBN: HONLD000713112001 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Diamond Genetics, DE / Credit: Diamond Genetics
Photo Caption: Daughter of Donte, Lymehouse Donte Polly VG85-2yr

Sire: Bomaz Skywalker by Jedi
Dam: DG OH Daniella VG85 by Topshot
MGD: DG OH Donna VG89 by Rubicon

Production Traits		1429 d / 232 h	
TPI®	2802	CM\$	\$439
NM\$	\$411	FM\$	\$349
Milk	392 lbs	90%R	
Fat	27 lbs	0.04 %	
Protein	29 lbs	0.06 %	

Health and Management Traits	
Cow Concep Rate (CCR)	-0.3
Hfr Concep Rate (HCR)	-0.8
Dtr Preg Rate (DPR)	-0.2
Fertility Index	0.2
Somatic Cell (SCS)	2.85
Mastitis	0.9
Livability	0.9
Heifer Livability	1.0
Productive Life (PL)	1.9
Gestation Length	-2
Sire Calving Ease (SCE)	1.6
Dtr Calving Ease (DCE)	1.3

Cogent Traits			
RoboticCow	4.0	Eco\$	\$687
Milking Speed	6.7	Ecofeed Hfr	102
Box Time	9.5	Ecofeed Cow	117

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics		
gEFI	13.5	aAa 324

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

COGENT **EMERSON-RED**

Crisalis x Hawai x Argo



NAAB: 522H005076 / AI Code: H07435
HBN: H0GBR728173100213 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Emerson Red

Sire: ZFZ Crisalis by Gwyer
Dam: DG OH Mawadola by Hawai
MGD: De Oosterhof DG Agirorio Red GP84-2yr by Argo

Production Traits		0 d / h	
TPI®	2750	CM\$	\$230
NM\$	\$209	FM\$	\$163
Milk	102 lbs		81%R
Fat	14 lbs		0.04 %
Protein	15 lbs		0.04 %

Health and Management Traits

Cow Concep Rate (CCR)	0.3
Hfr Concep Rate (HCR)	0.6
Dtr Preg Rate (DPR)	0.4
Fertility Index	0.4
Somatic Cell (SCS)	2.81
Mastitis	0.2
Livability	0.2
Heifer Livability	0.2
Productive Life (PL)	1.6
Gestation Length	0
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	2.3

Cogent Traits

RoboticCow	4.4	Eco\$	\$382
Milking Speed	7.0	Ecofeed Hfr	89
Box Time	8.4	Ecofeed Cow	96

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Other Metrics

gEFI	12.7	aAa	531
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

A-L-H **HARVEY**

Captivating x Eisaku x Delta



NAAB: 522H004970 / AI Code: H07314
HBN: H0NLD000657787301 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: ALH Genetics, NL / Credit: Jane Steel
Photo Caption: ALH Harvey

Sire: Larcrest Captivating by Riveting
Dam: AOT Eisaku Habitan 9106 VG86-2yr by Eisaku
MGD: Cookiecutter Dta Habitan EX90 by Delta

Production Traits		0 d / h	
TPI®	3029	CM\$	\$564
NM\$	\$549	FM\$	\$515
Milk	578 lbs		82%R
Fat	53 lbs		0.11 %
Protein	27 lbs		0.03 %

Health and Management Traits

Cow Concep Rate (CCR)	-0.2
Hfr Concep Rate (HCR)	2.4
Dtr Preg Rate (DPR)	0.6
Fertility Index	0.6
Somatic Cell (SCS)	2.94
Mastitis	2.6
Livability	2.0
Heifer Livability	-0.2
Productive Life (PL)	2.9
Gestation Length	0
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	2.0

Cogent Traits

RoboticCow	4.8	Eco\$	\$712
Milking Speed	8.8	Ecofeed Hfr	101
Box Time	8.3	Ecofeed Cow	101

Milk Proteins

Kappa Casein	AA	Beta Casein	A1A2
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Other Metrics

gEFI	12.0	aAa	243
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

Proof Source: April 2025
International: TPI®, NM\$, CM\$, FM\$, TPI®, PTAT: CDCB, TPI® is registered trademark of Holstein USA.

Proof Source: April 2025
International: TPI®, NM\$, CM\$, FM\$, TPI®, PTAT: CDCB, TPI® is registered trademark of Holstein USA.

SJK HAZELMAN

Perfect x Captain x Salvo



NAAB: 522H005841 / AI Code: H08049
HBN: HONLD000895006622 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: S.J. Kat Holsteins, NL / Credit: Luca Nolli
Photo Caption: SJK Hazelman

Sire: Siemers Rengd Perfect by Renegade
Dam: Future Dream SJK 1498 by Captain
MGD: SJK 5431 by Salvo

Production Traits		0 d / h	
TPI®	3111	CM\$	\$540
NM\$	\$522	FM\$	\$482
Milk	862 lbs		81%R
Fat	53 lbs		0.06 %
Protein	37 lbs		0.03 %

Health and Management Traits	
Cow Concep Rate (CCR)	0.0
Hfr Concep Rate (HCR)	0.9
Dtr Preg Rate (DPR)	-0.5
Fertility Index	0.2
Somatic Cell (SCS)	2.90
Mastitis	3.2
Livability	-0.3
Heifer Livability	-0.2
Productive Life (PL)	2.9
Gestation Length	0
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	2.1

Cogent Traits			
RoboticCow	6.2	Eco\$	\$828
Milking Speed	9.6	Ecofeed Hfr	96
Box Time	7.6	Ecofeed Cow	108

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics			
gEFI	12.3	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

SJK HELIUM

Topstone x Blowtorch x Delta



NAAB: 522H004496 / AI Code: H06670
HBN: HONLD000642467753 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: S.J. Kat Holsteins, NL / Credit: Jane Steel
Photo Caption: SJK Helium

Sire: Topstone by Topshot
Dam: Primeval Genetics 1372 VG86-2yr by Blowtorch
MGD: A-L-H Delta Helios VG86 by Delta

Production Traits		0 d / h	
TPI®	2909	CM\$	\$470
NM\$	\$438	FM\$	\$365
Milk	264 lbs		81%R
Fat	41 lbs		0.11 %
Protein	28 lbs		0.07 %

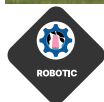
Health and Management Traits	
Cow Concep Rate (CCR)	0.1
Hfr Concep Rate (HCR)	0.3
Dtr Preg Rate (DPR)	0.7
Fertility Index	0.8
Somatic Cell (SCS)	2.82
Mastitis	2.4
Livability	1.3
Heifer Livability	0.4
Productive Life (PL)	3.1
Gestation Length	-2
Sire Calving Ease (SCE)	1.8
Dtr Calving Ease (DCE)	2.1

Cogent Traits			
RoboticCow	3.6	Eco\$	\$542
Milking Speed	6.0	Ecofeed Hfr	94
Box Time	10.2	Ecofeed Cow	92

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics			
gEFI	12.5	aAa	243

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.



Type Traits	d / h			
	-2	-1	+1	+2
PTAT				1.53 Excellent
UDC				1.28 Excellent
FLC				1.17 Excellent
Stature				0.67 Tall
Strength				0.90 Wide
Body Depth				0.79 Deep
Dairy Form				0.71 Open
Rump Angle				-1.08 High Pins
Thurl Width				2.00 Wide
Rear Legs Side				0.27 Sickled
Rear Legs Rear				2.01 Straight
Foot Angle				0.65 Steep
Feet + Legs				1.04 Excellent
Fore Udder Att.				1.50 Strong
Rear Udder Ht.				1.83 High
Rear Udder Wth.				2.00 Wide
Udder Cleft				0.53 Strong
Udder Depth				0.80 Shallow
Front Teat Pl.				0.03 Close
Rear Teat Pl.				0.35 Close
Teat Length				0.40 Long

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.



Type Traits	0 d / h			
	-2	-1	+1	+2
PTAT				0.25 Excellent
UDC				0.01 Excellent
FLC				0.49 Excellent
Stature				0.41 Tall
Strength				0.47 Wide
Body Depth				0.23 Deep
Dairy Form				0.03 Open
Rump Angle				0.30 Sloped
Thurl Width				-0.38 Narrow
Rear Legs Side				0.37 Sickled
Rear Legs Rear				0.58 Straight
Foot Angle				0.74 Steep
Feet + Legs				0.52 Excellent
Fore Udder Att.				0.22 Strong
Rear Udder Ht.				-0.17 Low
Rear Udder Wth.				0.16 Wide
Udder Cleft				0.29 Strong
Udder Depth				0.06 Shallow
Front Teat Pl.				0.31 Close
Rear Teat Pl.				0.44 Close
Teat Length				-0.13 Short

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

DG HIGGS-P

Monument-P x Charl x Imax



Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				0.24 Excellent
UDC				0.46 Excellent
FLC				-0.49 Poor
Stature				-0.14 Short
Strength				-0.23 Narrow
Body Depth				0.04 Deep
Dairy Form				0.61 Open
Rump Angle				0.14 Sloped
Thurl Width				-0.02 Narrow
Rear Legs Side				0.88 Sickled
Rear Legs Rear				-0.75 Hock In
Foot Angle				-0.81 Low
Feet + Legs				-0.35 Poor
Fore Udder Att.				0.36 Strong
Rear Udder Ht.				0.64 High
Rear Udder Wth.				0.89 Wide
Udder Cleft				0.18 Strong
Udder Depth				-0.02 Deep
Front Teat Pl.				0.14 Close
Rear Teat Pl.				-0.01 Apart
Teat Length				-0.44 Short

NAAB: 522H005003 / AI Code: H07312
HBN: H0DEU001406512635 / Source: CDCB
BYF CDF CLF CNF CVF DPF POC MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Diamond Genetics, DE / Credit: Eurogenes
Photo Caption: DG Higgs P

Sire: Bomaz Monument P by Medley
Dam: Gen Hind by Charl
MGD: Vekis DG Layen by Imax

Production Traits			0 d / h
TPI®	3020	CM\$	\$696
NM\$	\$663	FM\$	\$585
Milk	450 lbs	81%R	
Fat	85 lbs	0.25	%
Protein	36 lbs	0.08	%

Health and Management Traits	
Cow Concep Rate (CCR)	-1.6
Hfr Concep Rate (HCR)	-2.2
Dtr Preg Rate (DPR)	-2.1
Fertility Index	-1.8
Somatic Cell (SCS)	2.91
Mastitis	1.5
Livability	-0.2
Heifer Livability	-0.4
Productive Life (PL)	2.2
Gestation Length	1
Sire Calving Ease (SCE)	2.7
Dtr Calving Ease (DCE)	2.7

Cogent Traits			
RoboticCow	5.6	Eco\$	\$795
Milking Speed	8.3	Ecofeed Hfr	98
Box Time	8.1	Ecofeed Cow	98

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics			
gEFI	12.1	aAa	243

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Service, NMS, CMS, FMS, TPB, PTAT, CDCB, TPB is registered trademark of Holstein USA.

COGENT HIGH CALIBRE

High Class x Zazzle x Pursuit



Type Traits	d / h			
	-2	-1	+1	+2
PTAT				0.32 Excellent
UDC				-0.17 Poor
FLC				0.13 Excellent
Stature				1.07 Tall
Strength				0.24 Wide
Body Depth				0.46 Deep
Dairy Form				1.11 Open
Rump Angle				0.61 Sloped
Thurl Width				1.22 Wide
Rear Legs Side				1.11 Sickled
Rear Legs Rear				0.44 Straight
Foot Angle				-0.02 Low
Feet + Legs				0.38 Excellent
Fore Udder Att.				0.04 Strong
Rear Udder Ht.				0.18 High
Rear Udder Wth.				0.47 Wide
Udder Cleft				-0.10 Broken
Udder Depth				0.04 Shallow
Front Teat Pl.				-0.40 Apart
Rear Teat Pl.				-0.38 Apart
Teat Length				0.62 Long

NAAB: 522H006123 / AI Code: H07964
HBN: H0GBR187165601529 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Barber Farms, GB / Credit: Jane Steel
Photo Caption: Cogent High Calibre

Sire: DG High Class by Renegade
Dam: Cogent Zazzle Maybelline by Zazzle
MGD: K&L Oh Maribel by Pursuit

Production Traits			0 d / h
TPI®	3210	CM\$	\$742
NM\$	\$707	FM\$	\$626
Milk	804 lbs	79%R	
Fat	93 lbs	0.22 %	
Protein	48 lbs	0.08 %	

Health and Management Traits	
Cow Concep Rate (CCR)	1.6
Hfr Concep Rate (HCR)	2.2
Dtr Preg Rate (DPR)	0.7
Fertility Index	1.5
Somatic Cell (SCS)	2.95
Mastitis	2.1
Livability	-1.2
Heifer Livability	0.1
Productive Life (PL)	2.2
Gestation Length	-2
Sire Calving Ease (SCE)	2.6
Dtr Calving Ease (DCE)	1.9

Cogent Traits			
RoboticCow	6.6	Eco\$	\$760
Milking Speed	10.7	Ecofeed Hfr	96
Box Time	6.7	Ecofeed Cow	82

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Other Metrics			
gEFI	11.6	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Service, NMS, CMS, FMS, TPB, PTAT, CDCB, TPB is registered trademark of Holstein USA.

COGENT B HIGH CONCEPT

High Class x Captain x Crimson



NAAB: 522H006322 / AICode: H08094
HBN: H0GBR582935519008 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B High Concept

Sire: DG High Class by Renegade
Dam: BG Captain CR Carlin S by Captain
MGD: BG Crimson V Carlin C by Crimson

Production Traits		0 d / h	
TPI®	3153	CM\$	\$736
NM\$	\$710	FM\$	\$650
Milk	961 lbs	79%R	
Fat	84 lbs	0.16 %	
Protein	47 lbs	0.06 %	

Health and Management Traits	
Cow Concep Rate (CCR)	1.7
Hfr Concep Rate (HCR)	1.1
Dtr Preg Rate (DPR)	0.4
Fertility Index	1.2
Somatic Cell (SCS)	3.00
Mastitis	2.2
Livability	-0.4
Heifer Livability	0.8
Productive Life (PL)	2.3
Gestation Length	-1
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	2.0

Cogent Traits			
RoboticCow	4.3	Eco\$	\$810
Milking Speed	8.1	Ecofeed Hfr	96
Box Time	8.8	Ecofeed Cow	93

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Other Metrics			
gEFI	11.7	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Genetics (IGI), CMS, FMS, TP1B, PTAT: CDCB. TP1B is registered trademark of Holstein USA.

COGENT B HIGH CONTRAST

High Class x Captain x Crimson



NAAB: 522H006323 / AICode: H08093
HBN: H0GBR582935619009 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B High Contrast

Sire: DG High Class by Renegade
Dam: BG Captain CR Carlin S by Captain
MGD: BG Crimson V Carlin C by Crimson

Production Traits		0 d / h	
TPI®	3152	CM\$	\$705
NM\$	\$682	FM\$	\$627
Milk	1246 lbs	79%R	
Fat	94 lbs	0.15 %	
Protein	54 lbs	0.05 %	

Health and Management Traits	
Cow Concep Rate (CCR)	0.0
Hfr Concep Rate (HCR)	-0.4
Dtr Preg Rate (DPR)	-0.9
Fertility Index	-0.2
Somatic Cell (SCS)	3.02
Mastitis	1.2
Livability	-2.3
Heifer Livability	0.4
Productive Life (PL)	1.6
Gestation Length	-1
Sire Calving Ease (SCE)	2.5
Dtr Calving Ease (DCE)	2.3

Cogent Traits		
RoboticCow	4.7	Eco\$ \$849
Milking Speed	7.7	Ecofeed Hfr 92
Box Time	8.2	Ecofeed Cow 93

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Other Metrics			
gEFI	11.4	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Genetics (IGI), CMS, FMS, TP1B, PTAT: CDCB. TP1B is registered trademark of Holstein USA.

Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				-0.28 Poor
UDC				0.25 Excellent
FLC				-0.01 Poor
Stature				-0.52 Short
Strength				-0.66 Narrow
Body Depth				-0.84 Shallow
Dairy Form				-0.21 Coarse
Rump Angle				0.22 Sloped
Thurl Width				-0.73 Narrow
Rear Legs Side				-0.15 Straight
Rear Legs Rear				-0.06 Hock In
Foot Angle				-0.07 Low
Feet + Legs				-0.13 Poor
Fore Udder Att.				0.11 Strong
Rear Udder Ht.				0.71 High
Rear Udder Wth.				0.19 Wide
Udder Cleft				-0.55 Broken
Udder Depth				0.08 Shallow
Front Teat Pl.				-0.92 Apart
Rear Teat Pl.				-0.82 Apart
Teat Length				-0.05 Short

Proof Source: April 2025
International Genetics (IGI), CMS, FMS, TP1B, PTAT: CDCB. TP1B is registered trademark of Holstein USA.

Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				0.19 Excellent
UDC				0.00 Poor
FLC				0.27 Excellent
Stature				0.18 Tall
Strength				-0.10 Narrow
Body Depth				-0.07 Shallow
Dairy Form				0.51 Open
Rump Angle				0.81 Sloped
Thurl Width				0.00 Narrow
Rear Legs Side				0.35 Sickled
Rear Legs Rear				0.34 Straight
Foot Angle				-0.05 Low
Feet + Legs				0.30 Excellent
Fore Udder Att.				0.06 Strong
Rear Udder Ht.				0.25 High
Rear Udder Wth.				0.47 Wide
Udder Cleft				-0.38 Broken
Udder Depth				-0.19 Deep
Front Teat Pl.				-0.44 Apart
Rear Teat Pl.				-0.40 Apart
Teat Length				0.20 Long

Proof Source: April 2025
International Genetics (IGI), CMS, FMS, TP1B, PTAT: CDCB. TP1B is registered trademark of Holstein USA.

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TRIPLE IMPACT**

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Part of the STgenetics group.
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COGENT B HIGH PACE

High Class x Captain x Crimson



Type Traits	d / h			
	-2	-1	+1	+2
PTAT				0.33 Excellent
UDC				0.38 Excellent
FLC				0.23 Excellent
Stature				-0.14 Short
Strength				-0.07 Narrow
Body Depth				-0.11 Shallow
Dairy Form				0.44 Open
Rump Angle				-1.04 High Pins
Thurl Width				0.52 Wide
Rear Legs Side				0.96 Sickled
Rear Legs Rear				0.34 Straight
Foot Angle				-0.12 Low
Feet + Legs				0.19 Excellent
Fore Udder Att.				0.33 Strong
Rear Udder Ht.				0.33 High
Rear Udder Wth.				0.56 Wide
Udder Cleft				0.46 Strong
Udder Depth				0.14 Shallow
Front Teat Pl.				0.08 Close
Rear Teat Pl.				0.31 Close
Teat Length				0.30 Long

NAAB: 522H006329 / AICode: H08086
HBN: H0GBR582935719262 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B High PaceSire: DG High Class by Renegade
Dam: BG Captain CR Carlin P by Captain
MGD: BG Crimson V Carlin D GP84 by Crimson

Production Traits		0 d / h	
TPI®	3264	CM\$	\$815
NM\$	\$768	FM\$	\$655
Milk	605 lbs	79%R	
Fat	102 lbs	0.29 %	
Protein	51 lbs	0.12 %	

Health and Management Traits

Cow Concep Rate (CCR)	1.6
Hfr Concep Rate (HCR)	-0.5
Dtr Preg Rate (DPR)	0.5
Fertility Index	0.9
Somatic Cell (SCS)	2.91
Mastitis	1.4
Livability	-2.6
Heifer Livability	0.2
Productive Life (PL)	2.0
Gestation Length	0
Sire Calving Ease (SCE)	2.7
Dtr Calving Ease (DCE)	2.9

Cogent Traits

RoboticCow	6.0	Eco\$	\$978
Milking Speed	8.7	Ecofeed Hfr	90
Box Time	7.3	Ecofeed Cow	104

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Other Metrics

gEFI	11.1	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Service Units, CM\$, FM\$, TP100, PTAT: CDCB, TP100 is registered trademark of Holstein USA.

COGENT T HIGH SPEED

High Class x Captain x Crimson



Type Traits		d / h			
		-2	-1	+1	+2
PTAT					0.59 Excellent
UDC					0.66 Excellent
FLC					0.52 Excellent
Stature					0.93 Tall
Strength					-0.16 Narrow
Body Depth					0.01 Deep
Dairy Form					0.61 Open
Rump Angle					0.84 Sloped
Thurl Width					0.00 Narrow
Rear Legs Side					0.22 Sickled
Rear Legs Rear					0.78 Straight
Foot Angle					0.26 Steep
Feet + Legs					0.68 Excellent
Fore Udder Att.					0.83 Strong
Rear Udder Ht.					1.21 High
Rear Udder Wth.					0.98 Wide
Udder Cleft					0.19 Strong
Udder Depth					0.91 Shallow
Front Teat Pl.					-0.09 Apart
Rear Teat Pl.					0.11 Close
Teat Length					0.74 Long

NAAB: 522H006335 / AICode: H08095
HBN: H0GBR580134702593 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Cogent Breeding & J Howie & Family, GB / Credit: Jane Steel
Photo Caption: Sire of High Speed, DG High ClassSire: DG High Class by Renegade
Dam: BG Captain CR Carlin G by Crimson
MGD: BG Crimson V Carlin C by Crimson

Production Traits		0 d / h	
TPI®	3195	CM\$	\$645
NM\$	\$621	FM\$	\$564
Milk	814 lbs	79%R	
Fat	79 lbs	0.17 %	
Protein	41 lbs	0.05 %	

Health and Management Traits

Cow Concep Rate (CCR)	3.1
Hfr Concep Rate (HCR)	1.4
Dtr Preg Rate (DPR)	1.5
Fertility Index	2.2
Somatic Cell (SCS)	2.94
Mastitis	0.8
Livability	-1.1
Heifer Livability	0.3
Productive Life (PL)	2.8
Gestation Length	0
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	2.0

Cogent Traits

RoboticCow	5.8	Eco\$	\$879
Milking Speed	8.8	Ecofeed Hfr	93
Box Time	7.4	Ecofeed Cow	103

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Other Metrics

gEFI	11.5	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Service Units, CM\$, FM\$, TP100, PTAT: CDCB, TP100 is registered trademark of Holstein USA.

COGENT HYDRO

Hannity x Zazzle x Crimson



Type Traits	0 d / 0 h			
PTAT	-2	-1	+1	+2
UDC				
FLC				
Stature				
Strength				
Body Depth				
Dairy Form				
Rump Angle				
Thurl Width				
Rear Legs Side				
Rear Legs Rear				
Foot Angle				
Feet + Legs				
Fore Udder Att.				
Rear Udder Ht.				
Rear Udder Wth.				
Udder Cleft				
Udder Depth				
Front Teat Pl.				
Rear Teat Pl.				
Teat Length				

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TP10, PTAT: CDCB. TP10 is registered trademark of Holstein USA.

NAAB: 522H006121 / AICode: H07966
HBN: H0GBR728173400377 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Hydro

Sire: AOT Lariat Hannity by Lariat
Dam: BG Zazzle C Carlin Q by Zazzle
MGD: BG Crimson V Carlin C by Crimson

Production Traits			0 d / h
TPI®	3063	CM\$	\$689
NM\$	\$645	FM\$	\$545
Milk	-37 lbs		81%R
Fat	73 lbs		0.28 %
Protein	28 lbs		0.11 %

Health and Management Traits

Cow Concep Rate (CCR)	1.7
Hfr Concep Rate (HCR)	1.3
Dtr Preg Rate (DPR)	0.8
Fertility Index	1.1
Somatic Cell (SCS)	2.88
Mastitis	0.0
Livability	0.7
Heifer Livability	-0.3
Productive Life (PL)	2.4
Gestation Length	-1
Sire Calving Ease (SCE)	1.7
Dtr Calving Ease (DCE)	2.1

Cogent Traits

RoboticCow	7.1	Eco\$	\$630
Milking Speed	10.6	Ecofeed Hfr	89
Box Time	6.7	Ecofeed Cow	89

Milk Proteins

Kappa Casein	BB	Beta Casein	A2A2
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Other Metrics

gEFI	12.8	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.

WILDER HYPE-P

Hypnotic x Monument-P x Limelight



Type Traits	0 d / 0 h			
PTAT	-2	-1	+1	+2
UDC				
FLC				
Stature				
Strength				
Body Depth				
Dairy Form				
Rump Angle				
Thurl Width				
Rear Legs Side				
Rear Legs Rear				
Foot Angle				
Feet + Legs				
Fore Udder Att.				
Rear Udder Ht.				
Rear Udder Wth.				
Udder Cleft				
Udder Depth				
Front Teat Pl.				
Rear Teat Pl.				
Teat Length				

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TP10, PTAT: CDCB. TP10 is registered trademark of Holstein USA.

NAAB: 522H006248 / AICode: H08284
HBN: H0DEU000542776956 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Wilder Holsteins, DE / Credit: Luca Noll
Photo Caption: Wilder Hype-P

Sire: Cookiecutter Hypnotic by Moonshiner
Dam: TTM BD Monument Eiffel by Monument-P
MGD: TTM Limelight Exuberant by Limelight-P

Production Traits			0 d / h
TPI®	3099	CM\$	\$635
NM\$	\$604	FM\$	\$535
Milk	865 lbs	80%R	
Fat	40 lbs	0.02 %	
Protein	44 lbs	0.06 %	

Health and Management Traits

Cow Concep Rate (CCR)	1.6
Hfr Concep Rate (HCR)	0.8
Dtr Preg Rate (DPR)	0.6
Fertility Index	1.2
Somatic Cell (SCS)	2.71
Mastitis	3.0
Livability	0.1
Heifer Livability	0.7
Productive Life (PL)	4.1
Gestation Length	0
Sire Calving Ease (SCE)	1.7
Dtr Calving Ease (DCE)	2.2

Cogent Traits

RoboticCow	6.0	Eco\$	\$678
Milking Speed	8.4	Ecofeed Hfr	89
Box Time	7.8	Ecofeed Cow	96

Milk Proteins

Kappa Casein	BB	Beta Casein	A2A2
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Other Metrics

gEFI	12.3	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.

BEEFIMPACT

Data Driven Decisions

More **DATA** More **RELIABLE** More **PROFITABLE**



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FIND OUT MORE



COGENT GC LIBERTY

Captain x Dedicate x Modesty



NAAB: 522H004790 / AICode: H07030
HBN: H0GBR728173300152 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent GC Liberty

Sire: Genosource Captain by Charl
Dam: STGEN 85105 by Dedicate
MGD: Fairmont Modesty Lemon by Modesty

Production Traits				0 d / h
TPI®	3161	CM\$	\$824	
NM\$	\$810	FM\$	\$778	
Milk	868 lbs	81%R		
Fat	81 lbs	0.17 %		
Protein	36 lbs	0.03 %		

Health and Management Traits	
Cow Concep Rate (CCR)	1.1
Hfr Concep Rate (HCR)	0.8
Dtr Preg Rate (DPR)	0.4
Fertility Index	1.0
Somatic Cell (SCS)	3.02
Mastitis	0.4
Livability	0.9
Heifer Livability	0.2
Productive Life (PL)	3.4
Gestation Length	-1
Sire Calving Ease (SCE)	1.6
Dtr Calving Ease (DCE)	2.1

Cogent Traits			
RoboticCow	6.8	Eco\$	\$768
Milking Speed	11.4	Ecofeed Hfr	101
Box Time	7.2	Ecofeed Cow	88

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Other Metrics			
gEFI	11.9	aAa	324

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPB®, PTAT: CDCB. TPB® is registered trademark of Holstein USA.

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.

COGENT GC LINCOLN

Captain x Dedicate x Modesty



NAAB: 522H004791 / AICode: H07071
HBN: H0GBR728173500161 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent GC Lincoln

Sire: Genosource Captain by Charl
Dam: STGEN 85105 by Dedicate
MGD: Fairmont Modesty Lemon by Modesty

Production Traits				0 d / h
TPI®	3119	CM\$	\$741	
NM\$	\$711	FM\$	\$641	
Milk	224 lbs	81%R		
Fat	82 lbs	0.27 %		
Protein	27 lbs	0.07 %		

Health and Management Traits	
Cow Concep Rate (CCR)	1.8
Hfr Concep Rate (HCR)	0.5
Dtr Preg Rate (DPR)	0.8
Fertility Index	1.5
Somatic Cell (SCS)	2.92
Mastitis	1.2
Livability	0.4
Heifer Livability	0.8
Productive Life (PL)	2.9
Gestation Length	-1
Sire Calving Ease (SCE)	1.6
Dtr Calving Ease (DCE)	1.6

Cogent Traits			
RoboticCow	6.5	Eco\$	\$736
Milking Speed	10.9	Ecofeed Hfr	94
Box Time	7.4	Ecofeed Cow	94

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics			
gEFI	12.1	aAa	324

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPB®, PTAT: CDCB. TPB® is registered trademark of Holstein USA.

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.

COGENT B **MAGNUM-ET**

Thorson x Captain x Crimson

NAAB: 522H006432 / AI Code: H08213
HBN: H0GBR582935419553 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B MagnumSire: STgen Cowen Thorson by Cowen
Dam: BG Captain CR Carlin M by Captain
MGD: BG Crimson V Carlin C by Crimson

Production Traits		0 d / h	
TPI®	3359	CM\$	\$1032
NM\$	\$1007	FM\$	\$946
Milk	1390 lbs		80%R
Fat	113 lbs		0.20 %
Protein	60 lbs		0.05 %

Health and Management Traits	
Cow Concep Rate (CCR)	1.2
Hfr Concep Rate (HCR)	1.6
Dtr Preg Rate (DPR)	-0.4
Fertility Index	0.8
Somatic Cell (SCS)	3.01
Mastitis	-0.1
Livability	0.0
Heifer Livability	0.3
Productive Life (PL)	3.3
Gestation Length	-1
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	2.0

Cogent Traits			
RoboticCow	6.5	Eco\$	\$919
Milking Speed	10.3	Ecofeed Hfr	96
Box Time	7.6	Ecofeed Cow	82

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics			
gEFI	12.5	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Metrics. NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TP1® is registered trademark of Holstein USA.

COGENT W **MILLENIUM**

Hannity x Captain x Crimson

NAAB: 522H006122 / AI Code: H07965
HBN: H0GBR728173100374 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent W MillenniumSire: Aot Lariat Hannity by Lariat
Dam: BG Captain CR Carlin M by Captain
MGD: BG Crimson V Carlin C by Crimson

Production Traits		0 d / h	
TPI®	3189	CM\$	\$792
NM\$	\$745	FM\$	\$637
Milk	532 lbs		81%R
Fat	95 lbs		0.27 %
Protein	48 lbs		0.11 %

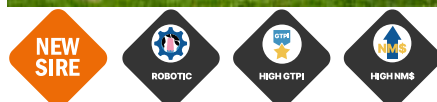
Health and Management Traits	
Cow Concep Rate (CCR)	0.0
Hfr Concep Rate (HCR)	0.8
Dtr Preg Rate (DPR)	-0.8
Fertility Index	0.0
Somatic Cell (SCS)	2.93
Mastitis	0.0
Livability	-0.6
Heifer Livability	0.3
Productive Life (PL)	2.2
Gestation Length	-2
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	1.9

Cogent Traits			
RoboticCow	5.0	Eco\$	\$823
Milking Speed	8.7	Ecofeed Hfr	90
Box Time	8.8	Ecofeed Cow	91

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2

Other Metrics			
gEFI	12.8	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by International Metrics. NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TP1® is registered trademark of Holstein USA.



Type Traits	d / h			
	-2	-1	+1	+2
PTAT				0.22 Excellent
UDC				0.58 Excellent
FLC				-0.94 Poor
Stature				-0.45 Short
Strength				-0.65 Narrow
Body Depth				-0.48 Shallow
Dairy Form				0.92 Open
Rump Angle				0.02 Sloped
Thurl Width				0.70 Wide
Rear Legs Side				1.21 Sickled
Rear Legs Rear				-1.30 Hock In
Foot Angle				-1.10 Low
Feet + Legs				-0.81 Poor
Fore Udder Att.				0.45 Strong
Rear Udder Ht.				0.89 High
Rear Udder Wth.				1.12 Wide
Udder Cleft				-0.56 Broken
Udder Depth				-0.14 Deep
Front Teat Pl.				0.13 Close
Rear Teat Pl.				0.03 Close
Teat Length				-0.24 Short

Proof Source: April 2025
International Metrics. NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TP1® is registered trademark of Holstein USA.

Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				0.53 Excellent
UDC				0.53 Excellent
FLC				-0.41 Poor
Stature				0.80 Tall
Strength				0.11 Wide
Body Depth				0.26 Deep
Dairy Form				1.24 Open
Rump Angle				0.81 Sloped
Thurl Width				1.02 Wide
Rear Legs Side				0.19 Sickled
Rear Legs Rear				-0.32 Hock In
Foot Angle				-0.39 Low
Feet + Legs				-0.16 Poor
Fore Udder Att.				0.27 Strong
Rear Udder Ht.				1.27 High
Rear Udder Wth.				1.52 Wide
Udder Cleft				-0.22 Broken
Udder Depth				0.18 Shallow
Front Teat Pl.				-0.22 Apart
Rear Teat Pl.				-0.32 Apart
Teat Length				-0.04 Short

Proof Source: April 2025
International Metrics. NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TP1® is registered trademark of Holstein USA.



Packed full of possibilities.

Bringing together all our innovation in gender-sorted semen technology, 4M UltraPlus HighPurity is your ultimate sexed semen solution. 4 million sperm cells in each straw, 14% conception rate increase compared to original gender-sorted technology and 96-97% gender accuracy – whether you require female dairy calves or male beef calves. Increase your opportunity, accuracy and profitability with our most reliable, innovation-driven solution yet.

The cogent *difference*



COGENT B **MIRAGE**

Casimir x Einstein x Rubi-Agronaut

NAAB: 522H005749 / AI Code: H07830
HBN: H0GBR5829357 17358 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B MirageSire: DGF Casimir by Mojo
Dam: 3Star OH Mironna VG87 by Einstein
MGD: K&L OH Mirror by Agronaut

Production Traits		0 d / h	
TPI®	3014	CM\$	\$478
NM\$	\$443	FM\$	\$365
Milk	362 lbs		80%R
Fat	45 lbs		0.11 %
Protein	32 lbs		0.08 %

Health and Management Traits

Cow Concep Rate (CCR)	2.2
Hfr Concep Rate (HCR)	2.6
Dtr Preg Rate (DPR)	1.0
Fertility Index	1.8
Somatic Cell (SCS)	2.76
Mastitis	0.3
Livability	0.3
Heifer Livability	0.1
Productive Life (PL)	3.0
Gestation Length	1
Sire Calving Ease (SCE)	2.2
Dtr Calving Ease (DCE)	2.1

Cogent Traits

RoboticCow	4.8	Eco\$	\$663
Milking Speed	7.2	Ecofeed Hfr	101
Box Time	9.0	Ecofeed Cow	96

Milk Proteins

Kappa Casein	BB	Beta Casein	A2A2
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Other Metrics

gEFI	12.7	aAa	345
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and submitted to the STGenetics Group.

COGENT **OCEAN**

Alanzo x Captain x Sassafras

NAAB: 522H006118 / AI Code: H07969
HBN: H0GBR728173600358 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6CBreeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: COGENT OCEANSire: Peak Alanzo by Zazzle
Dam: BG Captain SS Carlin O VG85 by Captain
MGD: BG Sassa V Carlin A SP GP84 by Sassafras

Production Traits		0 d / h	
TPI®	3163	CM\$	\$719
NM\$	\$685	FM\$	\$603
Milk	460 lbs		81%R
Fat	85 lbs		0.25 %
Protein	39 lbs		0.09 %

Health and Management Traits

Cow Concep Rate (CCR)	1.0
Hfr Concep Rate (HCR)	0.6
Dtr Preg Rate (DPR)	-0.2
Fertility Index	0.6
Somatic Cell (SCS)	3.07
Mastitis	-0.1
Livability	0.9
Heifer Livability	0.7
Productive Life (PL)	1.6
Gestation Length	-1
Sire Calving Ease (SCE)	1.9
Dtr Calving Ease (DCE)	2.1

Cogent Traits

RoboticCow	6.3	Eco\$	\$801
Milking Speed	11.3	Ecofeed Hfr	94
Box Time	7.2	Ecofeed Cow	95

Milk Proteins

Kappa Casein	BE	Beta Casein	A1A2
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Other Metrics

gEFI	13.2	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and submitted to the STGenetics Group.

COGENT T OUTBOUND

Outreach x Zazzle x Entity



NAAB: 522H006325 / AICode: H08091
HBN: H0GBR580134402548 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & J Howie & Family, GB / Credit: Jane Steel
Photo Caption: Cogent T Outbound

Sire: STgen Outreach by Outcome
Dam: BG Zazzle E Carlin B by Zazzle
MGD: BG Entity D Carl by Entity

Production Traits				0 d / h
TPI®	3180	CM\$	\$762	
NM\$	\$727	FM\$	\$645	
Milk	454 lbs	79%R		
Fat	97 lbs	0.29 %		
Protein	37 lbs	0.08 %		

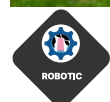
Health and Management Traits	
Cow Concep Rate (CCR)	-1.1
Hfr Concep Rate (HCR)	-0.2
Dtr Preg Rate (DPR)	-1.5
Fertility Index	-1.0
Somatic Cell (SCS)	2.87
Mastitis	0.4
Livability	-0.3
Heifer Livability	-0.3
Productive Life (PL)	2.1
Gestation Length	-1
Sire Calving Ease (SCE)	1.8
Dtr Calving Ease (DCE)	2.2

Cogent Traits			
RoboticCow	5.5	Eco\$	\$920
Milking Speed	9.3	Ecofeed Hfr	98
Box Time	7.7	Ecofeed Cow	102

Milk Proteins			
Kappa Casein	AE	Beta Casein	A1A2

Other Metrics			
gEFI	13.1	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.



Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				0.96 Excellent
UDC				1.08 Excellent
FLC				0.19 Excellent
Stature				0.61 Tall
Strength				-0.39 Narrow
Body Depth				-0.01 Shallow
Dairy Form				1.39 Open
Rump Angle				-0.01 High Pins
Thurl Width				1.07 Wide
Rear Legs Side				0.41 Sickled
Rear Legs Rear				0.22 Straight
Foot Angle				0.24 Steep
Feet + Legs				0.34 Excellent
Fore Udder Att.				1.03 Strong
Rear Udder Ht.				1.49 High
Rear Udder Wth.				1.36 Wide
Udder Cleft				0.99 Strong
Udder Depth				0.73 Shallow
Front Teat Pl.				1.22 Close
Rear Teat Pl.				1.44 Close
Teat Length				-0.63 Short

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT: CDCB. TPI® is registered trademark of Holstein USA.

COGENT T OUTPACE

Outreach x Zazzle x Entity



NAAB: 522H006327 / AICode: H08090
HBN: H0GBR580134702558 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & J Howie & Family, GB / Credit: Jane Steel
Photo Caption: Cogent T Outpace

Sire: STgen Outreach by Outcome
Dam: BG Zazzle E Carlin A VG85 by Zazzle
MGD: BG Entity D Carlin A GP84 by Entity

Production Traits				0 d / h
TPI®	3143	CM\$	\$658	
NM\$	\$629	FM\$	\$561	
Milk	570 lbs	79%R		
Fat	75 lbs	0.19 %		
Protein	36 lbs	0.06 %		

Health and Management Traits	
Cow Concep Rate (CCR)	-0.4
Hfr Concep Rate (HCR)	-0.4
Dtr Preg Rate (DPR)	-0.5
Fertility Index	-0.2
Somatic Cell (SCS)	2.86
Mastitis	1.4
Livability	0.6
Heifer Livability	0.1
Productive Life (PL)	2.7
Gestation Length	1
Sire Calving Ease (SCE)	2.3
Dtr Calving Ease (DCE)	2.1

Cogent Traits			
RoboticCow	5.3	Eco\$	\$798
Milking Speed	8.1	Ecofeed Hfr	89
Box Time	8.1	Ecofeed Cow	101

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics			
gEFI	13.9	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed and Box Time are all evaluated by STGenomics and exclusive to the STGenomics Group.



Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				1.49 Excellent
UDC				0.91 Excellent
FLC				0.37 Excellent
Stature				1.35 Tall
Strength				0.50 Wide
Body Depth				0.58 Deep
Dairy Form				1.09 Open
Rump Angle				-0.17 High Pins
Thurl Width				1.40 Wide
Rear Legs Side				0.10 Sickled
Rear Legs Rear				0.49 Straight
Foot Angle				1.05 Steep
Feet + Legs				0.64 Excellent
Fore Udder Att.				1.57 Strong
Rear Udder Ht.				1.34 High
Rear Udder Wth.				1.08 Wide
Udder Cleft				0.23 Strong
Udder Depth				1.23 Shallow
Front Teat Pl.				0.62 Close
Rear Teat Pl.				0.36 Close
Teat Length				0.28 Long

Proof Source: April 2025
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT: CDCB. TPI® is registered trademark of Holstein USA.

DG PHOENIX

Perfect x Moline x Soundcloud



NAAB: 522H005797 / AI Code: H08050
HBN: HONLD000577128444 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Diamond Genetics, DE / Credit: Luca Noll
Photo Caption: DG Phoenix

Sire: Siemers Rengd Perfect by Renegade
Dam: Wilder Moline Charlina by Moline
MGD: HET SC Charlene SP VG87 by Soundcloud

Production Traits		0 d / h	
TPI®	3110	CM\$	\$505
NM\$	\$479	FM\$	\$418
Milk	85 lbs		81%R
Fat	73 lbs		0.26 %
Protein	20 lbs		0.07 %

Health and Management Traits

Cow Concep Rate (CCR)	0.1
Hfr Concep Rate (HCR)	2.0
Dtr Preg Rate (DPR)	-0.5
Fertility Index	0.1
Somatic Cell (SCS)	2.93
Mastitis	2.4
Livability	-1.5
Heifer Livability	0.6
Productive Life (PL)	1.6
Gestation Length	2
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	1.7

Cogent Traits

RoboticCow	6.0	Eco\$	\$661
Milking Speed	9.3	Ecofeed Hfr	100
Box Time	7.4	Ecofeed Cow	86

Milk Proteins

Kappa Casein	BB	Beta Casein	A1A2
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Other Metrics

gEFI	11.6	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and submitted to the STGenetics Group.

COGENT REVERENCE

Thorson x Captain x Diversity



NAAB: 522H006324 / AI Code: H08092
HBN: H0GBR728173300383 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Reverence

Sire: STgen Cowen Thorson by Cowen
Dam: Jook Captain 1294 by Captain
MGD: Jook Diversity 20186 VG-85 by Medley

Production Traits		0 d / h	
TPI®	3371	CM\$	\$1012
NM\$	\$982	FM\$	\$912
Milk	1032 lbs		81%R
Fat	130 lbs		0.32 %
Protein	52 lbs		0.07 %

Health and Management Traits

Cow Concep Rate (CCR)	-0.1
Hfr Concep Rate (HCR)	2.1
Dtr Preg Rate (DPR)	-1.8
Fertility Index	0.0
Somatic Cell (SCS)	2.99
Mastitis	0.7
Livability	-0.8
Heifer Livability	0.2
Productive Life (PL)	2.7
Gestation Length	1
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	2.1

Cogent Traits

RoboticCow	6.4	Eco\$	\$1,124
Milking Speed	10.4	Ecofeed Hfr	93
Box Time	7.2	Ecofeed Cow	105

Milk Proteins

Kappa Casein	BE	Beta Casein	A1A2
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Other Metrics

gEFI	12.3	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and submitted to the STGenetics Group.

Proof Source: April 2025.
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

Proof Source: April 2025.
International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

KOEPEON OH **ROBIN-RED**

Rubels Red x Salvatore x Rubicon

NAAB: 522H004321 / AICode: H06359
HBN: HONLD000571815324 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: M'bedrijf de Oosterhof, NL / Credit: Ella Wright
Photo Caption: Daughter of Robin Red, Corlane Robin Sparkle VG85 2yrSire: Hoogerhorst DG Oh Rubels Red by Argo
Dam: Lakeside Ups Red Range VG86 by Salvatore
MGD: De Oosterhof Dg Rose VG89 by Rubicon

Production Traits			971 d / 401 h
TPI®	2792	CM\$	\$259
NM\$	\$254	FM\$	\$244
Milk	567 lbs		92%R
Fat	17 lbs		-0.02 %
Protein	18 lbs		0.00 %

Health and Management Traits

Cow Concep Rate (CCR)	-1.2
Hfr Concep Rate (HCR)	1.5
Dtr Preg Rate (DPR)	-0.5
Fertility Index	-0.7
Somatic Cell (SCS)	2.80
Mastitis	-0.2
Livability	1.1
Heifer Livability	-0.4
Productive Life (PL)	2.4
Gestation Length	-1
Sire Calving Ease (SCE)	2.5
Dtr Calving Ease (DCE)	2.1

Cogent Traits

RoboticCow	3.6	Eco\$	\$443
Milking Speed	7.3	Ecofeed Hfr	103
Box Time	9.5	Ecofeed Cow	90

Milk Proteins

Kappa Casein	BB	Beta Casein	A1A1
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Other Metrics

gEFI	12.2	aAa	342156
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Proof Source: April 2025.
EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by S1Genomics and exclusive to the S1Genomics Group.COGENT 3STAR OH **ROCK-RED**

Camden x Rubels x Salvatore

NAAB: 522H005077 / AICode: H07586
HBN: H0GBR728173100269 / Source: CDCBBYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6TBreeder: Cogent Breeding & 3Star Genetics, GB / Credit: Jane Steel
Photo Caption: Cogent 3Star Oh Rock RedSire: Koepon Camden by Solitair P
Dam: 3Star OH Red Rose VG86-2yr by Rubels
MGD: Lakeside Ups Red Range VG86 by Salvatore

Production Traits			0 d / h
TPI®	3046	CM\$	\$726
NM\$	\$700	FM\$	\$644
Milk	556 lbs		80%R
Fat	54 lbs		0.12 %
Protein	31 lbs		0.05 %

Health and Management Traits

Cow Concep Rate (CCR)	-0.1
Hfr Concep Rate (HCR)	1.4
Dtr Preg Rate (DPR)	-0.8
Fertility Index	-0.4
Somatic Cell (SCS)	2.73
Mastitis	0.8
Livability	2.9
Heifer Livability	0.4
Productive Life (PL)	4.3
Gestation Length	1
Sire Calving Ease (SCE)	1.9
Dtr Calving Ease (DCE)	1.8

Cogent Traits

RoboticCow	4.8	Eco\$	\$735
Milking Speed	8.1	Ecofeed Hfr	103
Box Time	9.1	Ecofeed Cow	97

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Other Metrics

gEFI	11.8	aAa	243
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Proof Source: April 2025.
EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by S1Genomics and exclusive to the S1Genomics Group.

COGENT B ROLLER

Buffalo Bill x Miami x High Noon



Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				0.79 Excellent
UDC				1.30 Excellent
FLC				0.47 Excellent
Stature				-1.01 Short
Strength				-1.40 Narrow
Body Depth				-1.21 Shallow
Dairy Form				0.44 Open
Rump Angle				-1.16 High Pins
Thurl Width				0.52 Wide
Rear Legs Side				1.89 Sickled
Rear Legs Rear				0.21 Straight
Foot Angle				-1.02 Low
Feet + Legs				0.40 Excellent
Fore Udder Att.				0.89 Strong
Rear Udder Ht.				1.31 High
Rear Udder Wth.				0.92 Wide
Udder Cleft				0.62 Strong
Udder Depth				1.24 Shallow
Front Teat Pl.				0.11 Close
Rear Teat Pl.				0.29 Close
Teat Length				-0.27 Short

Proof Source: April 2025
International: TPI®, NM\$, CM\$, FM\$, TPB®, PTAT®, CDCR, TPB® is registered trademark of Holstein USA.

NAAB: 522H005075 / AI Code: H07570
HBN: H0GBR582935716805 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Roller

Sire: Genosource Buffalo Bill by Captain
Dam: Genosource Rolette 47172 by Miami
MGD: Genosource High Roller by High Noon

Production Traits			0 d / h
TPI®	3124	CM\$	\$781
NM\$	\$755	FM\$	\$697
Milk	386 lbs	81%R	
Fat	38 lbs	0.08 %	
Protein	27 lbs	0.05 %	

Health and Management Traits	
Cow Concep Rate (CCR)	2.0
Hfr Concep Rate (HCR)	3.0
Dtr Preg Rate (DPR)	1.0
Fertility Index	1.9
Somatic Cell (SCS)	2.79
Mastitis	1.8
Livability	4.3
Heifer Livability	1.0
Productive Life (PL)	5.4
Gestation Length	0
Sire Calving Ease (SCE)	1.5
Dtr Calving Ease (DCE)	1.4

Cogent Traits			
RoboticCow	5.5	Eco\$	\$803
Milking Speed	8.3	Ecofeed Hfr	106
Box Time	8.6	Ecofeed Cow	109

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Other Metrics			
gEFI	12.2	aAa	234

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and available in the STGenetics Group.

COGENT KOEPON ROLO

Captain x Lawson x Hotline



Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				1.11 Excellent
UDC				1.16 Excellent
FLC				0.59 Excellent
Stature				0.43 Tall
Strength				-0.45 Narrow
Body Depth				-0.40 Shallow
Dairy Form				0.92 Open
Rump Angle				-0.78 High Pins
Thurl Width				0.85 Wide
Rear Legs Side				1.17 Sickled
Rear Legs Rear				0.39 Straight
Foot Angle				-0.13 Low
Feet + Legs				0.80 Excellent
Fore Udder Att.				1.24 Strong
Rear Udder Ht.				1.47 High
Rear Udder Wth.				1.63 Wide
Udder Cleft				0.08 Strong
Udder Depth				1.16 Shallow
Front Teat Pl.				0.33 Close
Rear Teat Pl.				0.00 Apart
Teat Length				-0.23 Short

Proof Source: April 2025
International: TPI®, NM\$, CM\$, FM\$, TPB®, PTAT®, CDCR, TPB® is registered trademark of Holstein USA.

NAAB: 522H004789 / AI Code: H07032
HBN: H0GBR728173600155 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Koepon Rolo

Sire: Genosource Captain by Charl
Dam: Koepon Lawson Ruby 25 VG85 by Lawson
MGD: Koepon Hotline Ruby 11 by Hotline

Production Traits			0 d / h
TPI®	3171	CM\$	\$725
NM\$	\$687	FM\$	\$595
Milk	514 lbs		82%R
Fat	82 lbs		0.23 %
Protein	43 lbs		0.10 %

Health and Management Traits	
Cow Concep Rate (CCR)	-0.9
Hfr Concep Rate (HCR)	0.6
Dtr Preg Rate (DPR)	-1.4
Fertility Index	-0.2
Somatic Cell (SCS)	3.00
Mastitis	1.0
Livability	-1.8
Heifer Livability	1.0
Productive Life (PL)	1.7
Gestation Length	-2
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	2.3

Cogent Traits			
RoboticCow	6.6	Eco\$	\$840
Milking Speed	9.6	Ecofeed Hfr	103
Box Time	6.8	Ecofeed Cow	94

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics			
gEFI	11.9	aAa	243

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and available in the STGenetics Group.

COGENT KOEPON RUBEN

Captain x Kenobi x Topshot



Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				0.43 Excellent
UDC				0.52 Excellent
FLC				-0.27 Poor
Stature				-0.66 Short
Strength				-0.82 Narrow
Body Depth				-0.51 Shallow
Dairy Form				0.72 Open
Rump Angle				-0.16 High Pins
Thurl Width				-0.14 Narrow
Rear Legs Side				-0.40 Straight
Rear Legs Rear				-0.84 Hock In
Foot Angle				-0.88 Low
Feet + Legs				-0.22 Poor
Fore Udder Att.				0.19 Strong
Rear Udder Ht.				0.89 High
Rear Udder Wth.				0.78 Wide
Udder Cleft				-0.08 Broken
Udder Depth				0.01 Shallow
Front Teat Pl.				-0.81 Apart
Rear Teat Pl.				-0.64 Apart
Teat Length				0.02 Long

Proof Source: April 2025
International Metrics: NM\$, CMS, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

NAAB: 522H004794 / AICode: H07073
HBN: H0GBR728173400167 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6C

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Koepon Ruben

Sire: Genosource Captain by Charl
Dam: Koepon Kenobi Ruby 28 by Kenobi
MGD: Koepon Topshot Ruby 5 VG85 by Topshot

Health and Management Traits

Cow Concep Rate (CCR)	-1.2
Hfr Concep Rate (HCR)	-0.6
Dtr Preg Rate (DPR)	-1.4
Fertility Index	-0.7
Somatic Cell (SCS)	3.04
Mastitis	2.3
Livability	-0.1
Heifer Livability	1.1
Productive Life (PL)	3.5
Gestation Length	-2
Sire Calving Ease (SCE)	1.4
Dtr Calving Ease (DCE)	2.0

Cogent Traits

RoboticCow	5.0	Eco\$	\$914
Milking Speed	8.7	Ecofeed Hfr	100
Box Time	8.0	Ecofeed Cow	106

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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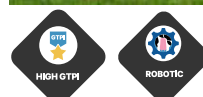
Other Metrics

gEFI	12.0	aAa	234
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

DG STEWART

Captain x SubZero x Doc



Type Traits	0 d / 0 h			
	-2	-1	+1	+2
PTAT				1.22 Excellent
UDC				1.06 Excellent
FLC				0.68 Excellent
Stature				0.77 Tall
Strength				-0.36 Narrow
Body Depth				-0.03 Shallow
Dairy Form				1.57 Open
Rump Angle				0.01 Sloped
Thurl Width				0.96 Wide
Rear Legs Side				0.09 Sickled
Rear Legs Rear				0.57 Straight
Foot Angle				0.03 Steep
Feet + Legs				0.91 Excellent
Fore Udder Att.				1.10 Strong
Rear Udder Ht.				1.93 High
Rear Udder Wth.				1.49 Wide
Udder Cleft				-0.15 Broken
Udder Depth				1.29 Shallow
Front Teat Pl.				-0.73 Apart
Rear Teat Pl.				-0.82 Apart
Teat Length				-0.14 Short

Proof Source: April 2025
International Metrics: NM\$, CMS, FM\$, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

NAAB: 522H005012 / AICode: H07346
HBN: H0NLD000634724626 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5C HH6T

Breeder: Diamond Genetics, DE / Credit: Jane Steel
Photo Caption: DG Stewart

Sire: Genosource Captain by Charl
Dam: Suami by SubZero
MGD: Comestar Laumabia Doc by Doc

Health and Management Traits

Cow Concep Rate (CCR)	0.9
Hfr Concep Rate (HCR)	1.0
Dtr Preg Rate (DPR)	0.5
Fertility Index	1.0
Somatic Cell (SCS)	3.00
Mastitis	1.8
Livability	0.7
Heifer Livability	0.7
Productive Life (PL)	2.7
Gestation Length	-1
Sire Calving Ease (SCE)	2.5
Dtr Calving Ease (DCE)	2.7

Cogent Traits

RoboticCow	6.0	Eco\$	\$937
Milking Speed	10.6	Ecofeed Hfr	101
Box Time	7.6	Ecofeed Cow	98

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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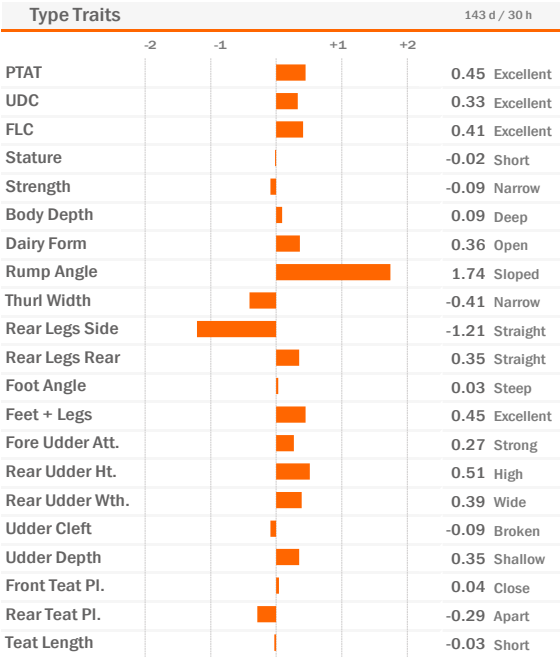
Other Metrics

gEFI	10.3	aAa	423
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by STGenetics and exclusive to the STGenetics Group.

NORTONHILL SUMERIAN

Atrium x Brook x Superhero



Proof Source: April 2025
International Metrics: Milk, CMS, FMS, TPV, PTAT, CDCB. TPV is registered trademark of Holstein USA.

NAAB: 522H004361 / AICode: H06514
HBN: H0GBR103122603655 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: D Wilcox & A Robson, GB / Credit: Jane Steel
Photo Caption: Nortonhill Sumerian

Sire: DeNovo Atrium by Achiever
Dam: Brockafeld Brook Saratoga by Brook
MGD: Prismagen Miss Saratoga by Superhero

Production Traits			459 d / 87 h
TPI®	2793	CM\$	\$473
NM\$	\$447	FM\$	\$387
Milk	-310 lbs	88%R	
Fat	46 lbs	0.23 %	
Protein	8 lbs	0.07 %	

Health and Management Traits	
Cow Concep Rate (CCR)	-0.3
Hfr Concep Rate (HCR)	-1.4
Dtr Preg Rate (DPR)	-0.3
Fertility Index	-0.2
Somatic Cell (SCS)	2.91
Mastitis	0.6
Livability	0.9
Heifer Livability	0.4
Productive Life (PL)	1.8
Gestation Length	-1
Sire Calving Ease (SCE)	2.0
Dtr Calving Ease (DCE)	1.8

Cogent Traits			
RoboticCow	4.2	Eco\$	\$639
Milking Speed	6.3	Ecofeed Hfr	97
Box Time	8.8	Ecofeed Cow	114

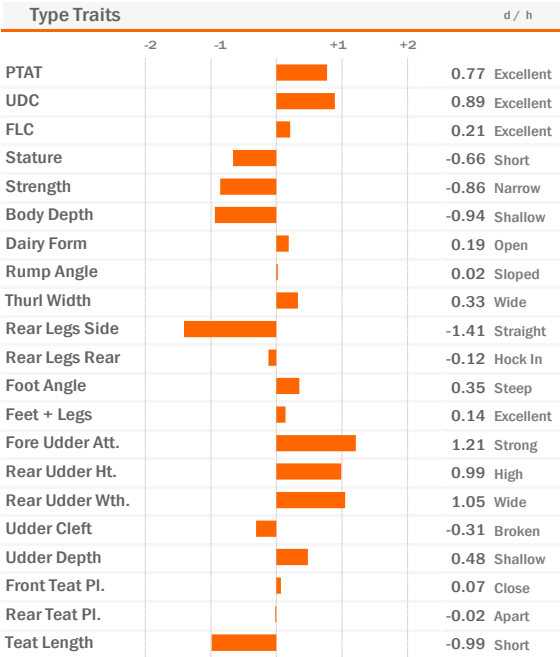
Milk Proteins			
Kappa Casein	BE	Beta Casein	A1A2

Other Metrics		
gEFI	12.1	aAa 423

EcoFeed, Eco\$ RoboticCow, Milking Speed, and Box Time are all evaluated by S1Genomics and exclusive to the S1Genomics Group.

COGENT HLYWD SUNSET

Hollywood x Gameday x Legacy



Proof Source: April 2025
International Metrics: Milk, CMS, FMS, TPV, PTAT, CDCB. TPV is registered trademark of Holstein USA.

NAAB: 522H005845 / AICode: H07923
HBN: H0GBR728173600330 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Hlywd Sunset

Sire: Welcome-Tel To Hollywood by Heir
Dam: Cherrypencol G 6138 by Gameday
MGD: Cherrypencol Lindy by Legacy

Production Traits			0 d / h
TPI®	3146	CM\$	\$758
NM\$	\$716	FM\$	\$620
Milk	173 lbs	81%R	
Fat	52 lbs	0.17 %	
Protein	31 lbs	0.10 %	

Health and Management Traits	
Cow Concep Rate (CCR)	3.5
Hfr Concep Rate (HCR)	1.1
Dtr Preg Rate (DPR)	1.4
Fertility Index	2.2
Somatic Cell (SCS)	2.71
Mastitis	2.5
Livability	1.2
Heifer Livability	1.2
Productive Life (PL)	4.9
Gestation Length	0
Sire Calving Ease (SCE)	1.7
Dtr Calving Ease (DCE)	2.7

Cogent Traits			
RoboticCow	5.0	Eco\$	\$745
Milking Speed	8.1	Ecofeed Hfr	93
Box Time	9.7	Ecofeed Cow	101

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Other Metrics		
gEFI	12.5	aAa 423

EcoFeed, Eco\$ RoboticCow, Milking Speed, and Box Time are all evaluated by S1Genomics and exclusive to the S1Genomics Group.

COGENT **TARROO**

Thorson x Captain x Diversity



Type Traits		d / h			
	-2	-1	+1	+2	
PTAT			■		0.27 Excellent
UDC			■		0.11 Excellent
FLC		■			-0.15 Poor
Stature			■		0.38 Tall
Strength			■		0.11 Wide
Body Depth			■		0.35 Deep
Dairy Form			■	■	1.40 Open
Rump Angle			■		0.35 Sloped
Thurl Width			■	■	1.13 Wide
Rear Legs Side			■		0.75 Sickled
Rear Legs Rear		■			-0.34 Hock In
Foot Angle		■			-0.52 Low
Feet + Legs		■			0.08 Excellent
Fore Udder Att.			■		-0.02 Broken
Rear Udder Ht.			■		0.35 High
Rear Udder Wth.			■	■	1.31 Wide
Udder Cleft			■		-0.20 Broken
Udder Depth		■			-0.62 Deep
Front Teat Pl.			■		0.58 Close
Rear Teat Pl.			■		0.51 Close
Teat Length		■			-1.14 Short

Proof Source: April 2025. International Metrics: NMS, CMS, FMS, TPB, P3AD, CDCB, TPB is registered trademark of Holstein USA.

NAAB: 522H006326 / AICode: H08096
HBN: H0GBR728173500385 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding, GB / Credit: Jane Steel
Photo Caption: Cogent Tarroo

Sire: STgen Cowen Thorson by Cowen
Dam: Jook Captain 1294 by Captain
MGD: Jook Diversity 20186 VG-85 by Medley

Production Traits		0 d / h	
TPI®	3402	CM\$	\$1005
NM\$	\$987	FM\$	\$944
Milk	1444 lbs		81%R
Fat	132 lbs		0.26 %
Protein	55 lbs		0.03 %

Health and Management Traits

Cow Concep Rate (CCR)	0.4
Hfr Concep Rate (HCR)	2.5
Dtr Preg Rate (DPR)	-1.7
Fertility Index	0.3
Somatic Cell (SCS)	2.88
Mastitis	1.7
Livability	-0.8
Heifer Livability	0.3
Productive Life (PL)	3.3
Gestation Length	1
Sire Calving Ease (SCE)	2.3
Dtr Calving Ease (DCE)	1.9

Cogent Traits

RoboticCow	6.2	Eco\$	\$1,135
Milking Speed	10.0	Ecofeed Hfr	95
Box Time	8.1	Ecofeed Cow	102

Milk Proteins

Kappa Casein	AE	Beta Casein	A1A2
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Other Metrics

gEFI	12.4	aAa	0
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by S1Genetics and exclusive to the S1Genetics Group.

DG **TIQ TAQ**

Captain x Charl x Jedi



Type Traits		d / h			
	-2	-1	+1	+2	
PTAT			■		0.54 Excellent
UDC			■		0.11 Excellent
FLC		■			0.11 Excellent
Stature			■		-0.26 Short
Strength		■			-0.49 Narrow
Body Depth			■		-0.04 Shallow
Dairy Form			■	■	1.37 Open
Rump Angle		■			-0.84 High Pins
Thurl Width			■		0.53 Wide
Rear Legs Side			■		0.37 Sickled
Rear Legs Rear			■		-0.21 Hock In
Foot Angle		■			-0.88 Low
Feet + Legs		■			0.19 Excellent
Fore Udder Att.			■		-0.17 Broken
Rear Udder Ht.			■		0.64 High
Rear Udder Wth.			■		0.77 Wide
Udder Cleft			■		-0.35 Broken
Udder Depth		■			-0.64 Deep
Front Teat Pl.			■		-0.38 Apart
Rear Teat Pl.			■		-0.52 Apart
Teat Length		■			-0.56 Short

Proof Source: April 2025. International Metrics: NMS, CMS, FMS, TPB, P3AD, CDCB, TPB is registered trademark of Holstein USA.

NAAB: 522H005078 / AICode: H07443
HBN: HONLD000575219823 / Source: CDCB

BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Diamond Genetics, DE / Credit: Jane Steel
Photo Caption: DG Tiq Taq

Sire: Genosource Captain by Charl
Dam: DG DV Saskia GP84 by Charl
MGD: De Volmer Sabine by Jedi

Production Traits		0 d / h	
TPI®	3309	CM\$	\$920
NM\$	\$892	FM\$	\$826
Milk	1231 lbs		81%R
Fat	117 lbs		0.24 %
Protein	56 lbs		0.06 %

Health and Management Traits

Cow Concep Rate (CCR)	-0.4
Hfr Concep Rate (HCR)	0.3
Dtr Preg Rate (DPR)	-1.3
Fertility Index	-0.1
Somatic Cell (SCS)	2.93
Mastitis	0.6
Livability	-1.6
Heifer Livability	0.9
Productive Life (PL)	2.4
Gestation Length	-2
Sire Calving Ease (SCE)	1.9
Dtr Calving Ease (DCE)	2.0

Cogent Traits

RoboticCow	5.8	Eco\$	\$966
Milking Speed	9.8	Ecofeed Hfr	101
Box Time	8.1	Ecofeed Cow	88

Milk Proteins

Kappa Casein	AA	Beta Casein	A2A2
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Other Metrics

gEFI	11.6	aAa	432
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EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by S1Genetics and exclusive to the S1Genetics Group.

COGENT B **TULSA ET**

Trooper x Zazzle x Crimson



Type Traits		0 d / 0 h			
		-2	-1	+1	+2
PTAT					0.60 Excellent
UDC					0.16 Excellent
FLC					0.50 Excellent
Stature					0.29 Tall
Strength					0.46 Wide
Body Depth					0.08 Deep
Dairy Form					-0.03 Coarse
Rump Angle					0.40 Sloped
Thurl Width					0.08 Wide
Rear Legs Side					0.00 Straight
Rear Legs Rear					0.84 Straight
Foot Angle					0.58 Steep
Feet + Legs					0.43 Excellent
Fore Udder Att.					0.72 Strong
Rear Udder Ht.					0.80 High
Rear Udder Wth.					0.68 Wide
Udder Cleft					-0.89 Broken
Udder Depth					-0.20 Deep
Front Teat Pl.					-0.71 Apart
Rear Teat Pl.					-0.65 Apart
Teat Length					1.11 Long

Proof Source: April 2025. International Metrics: TMS, CMS, FMS, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

NAAB: 522H006328 / AI Code: H08085
HBN: H0GBR582935119256 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: AllTotal
Photo Caption: Dam of Tulsa, BG Zazzle C Carlin K VG86

Sire: Plain-Knoll Renegade Trooper by Renegade
Dam: BG Zazzle C Carlin K VG86 by Zazzle
MGD: BG Crimson V Carlin C by Crimson

Production Traits		0 d / h	
TPI®	3148	CM\$	\$657
NM\$	\$618	FM\$	\$524
Milk	562 lbs		81%R
Fat	95 lbs		0.27 %
Protein	46 lbs		0.10 %

Health and Management Traits	
Cow Concep Rate (CCR)	0.6
Hfr Concep Rate (HCR)	0.7
Dtr Preg Rate (DPR)	-0.6
Fertility Index	0.2
Somatic Cell (SCS)	3.08
Mastitis	-0.5
Livability	-1.3
Heifer Livability	0.2
Productive Life (PL)	1.5
Gestation Length	0
Sire Calving Ease (SCE)	2.1
Dtr Calving Ease (DCE)	2.5

Cogent Traits			
RoboticCow	5.6	Eco\$	\$714
Milking Speed	9.5	Ecofeed Hfr	101
Box Time	6.7	Ecofeed Cow	75

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2

Other Metrics			
gEFI	12.3	aAa	0

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by 51Genetics and exclusive to the 51Genetics Group.

COGENT B **WALLACE**

Upside x Acura x Samaritan



Type Traits		0 d / 0 h			
		-2	-1	+1	+2
PTAT					0.03 Excellent
UDC					0.23 Excellent
FLC					0.17 Excellent
Stature					0.28 Tall
Strength					-0.83 Narrow
Body Depth					-0.26 Shallow
Dairy Form					1.39 Open
Rump Angle					0.07 Sloped
Thurl Width					0.09 Wide
Rear Legs Side					1.84 Sickled
Rear Legs Rear					-0.07 Hock In
Foot Angle					-1.11 Low
Feet + Legs					0.48 Excellent
Fore Udder Att.					0.00 Broken
Rear Udder Ht.					0.14 High
Rear Udder Wth.					0.55 Wide
Udder Cleft					0.47 Strong
Udder Depth					0.08 Shallow
Front Teat Pl.					0.73 Close
Rear Teat Pl.					0.82 Close
Teat Length					-0.18 Short

Proof Source: April 2025. International Metrics: TMS, CMS, FMS, TPI®, PTAT, CDCB, TPI® is registered trademark of Holstein USA.

NAAB: 522H005069 / AI Code: H07571
HBN: H0GBR582935216506 / Source: CDCB
BYF CDF CLF CNF CVF DPF MWT
HH1T HH2T HH3T HH4T HH5T HH6T

Breeder: Cogent Breeding & Balmangan Farms, GB / Credit: Jane Steel
Photo Caption: Cogent B Wallace

Sire: Famear Upside by Charl
Dam: Pine-Tree Acura 8667 by Acura
MGD: Pine-Tree 7593 Sama 8178 by Samaritan

Production Traits		0 d / h	
TPI®	3198	CM\$	\$806
NM\$	\$788	FM\$	\$746
Milk	1596 lbs		82%R
Fat	71 lbs		0.02 %
Protein	60 lbs		0.03 %

Health and Management Traits	
Cow Concep Rate (CCR)	1.5
Hfr Concep Rate (HCR)	3.3
Dtr Preg Rate (DPR)	0.1
Fertility Index	1.3
Somatic Cell (SCS)	2.94
Mastitis	-0.2
Livability	0.1
Heifer Livability	0.3
Productive Life (PL)	2.3
Gestation Length	0
Sire Calving Ease (SCE)	2.4
Dtr Calving Ease (DCE)	1.7

Cogent Traits			
RoboticCow	5.2	Eco\$	\$928
Milking Speed	8.7	Ecofeed Hfr	93
Box Time	8.2	Ecofeed Cow	107

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Other Metrics			
gEFI	12.9	aAa	243

EcoFeed, Eco\$, RoboticCow, Milking Speed, and Box Time are all evaluated by 51Genetics and exclusive to the 51Genetics Group.

GTPI		NET MERIT (\$)		MILK (LBS)		FAT (LBS)		PROTEIN (LBS)	
TARROO	3402	MAGNUM	1007	AREND-P	1669	TARROO	132	MAGNUM	60
REVERENCE	3371	TARROO	987	WALLACE	1596	REVERENCE	130	WALLACE	60
MAGNUM	3359	REVERENCE	982	TARROO	1444	TIQ TAQ	117	TIQ TAQ	56
TIQ TAQ	3309	TIQ TAQ	892	MAGNUM	1390	MAGNUM	113	TARROO	55
STEWART	3281	CARBONATE	875	HIGH CONTRAST	1246	ACCELERATE	103	HIGH CONTRAST	54
HIGH PACE	3264	LIBERTY	810	TIQ TAQ	1231	HIGH PACE	102	REVERENCE	52
HIGH CALIBRE	3210	WALLACE	788	CARTELL	1206	OUTBOUND	97	HIGH PACE	51
CARBONATE	3202	ADVANTAGE	776	ATACAMA	1075	CARBONATE	96	AREND-P	51
WALLACE	3198	CAPTIVATE	775	RUBEN	1073	TULSA	95	CAPTIVATE	50
HIGH SPEED	3195	HIGH PACE	768	REVERENCE	1032	MILLENIUM	95	MILLENIUM	48

DPR		FERTILITY INDEX		PRODUCTIVE LIFE		SCE		SCS	
CASIMIR	2.6	CASIMIR	3.6	ROLLER	5.4	RUBEN	1.4	CASIMIR	2.58
AUGUSTUS-P-RED	2	ASPIRE	3.6	SUNSET	4.9	ROLLER	1.5	ATLANTIC	2.64
ADVANTAGE	1.8	SUNSET	3.5	ROCK-RED	4.3	AREND-P	1.6	AUGUSTUS-P-RED	2.7
HIGH SPEED	1.5	ADVANTAGE	3.3	AUGUSTUS-P-RED	4.1	DONTE	1.6	HYPE-P	2.71
ASPIRE	1.5	HIGH SPEED	3.1	HYPE-P	4.1	LIBERTY	1.6	SUNSET	2.71
SUNSET	1.4	ATACAMA	2.6	ALITUDE	3.8	LINCOLN	1.6	ROCK-RED	2.73
ALADDIN-RED	1.3	ASCENSION	2.3	ADVANTAGE	3.8	CARTELL	1.7	MIRAGE	2.76
ATACAMA	1.1	MIRAGE	2.2	CAPTIVATE	3.5	SUNSET	1.7	ROLLER	2.79
ROLLER	1	ROLLER	2	RUBEN	3.5	HYPE-P	1.7	ALADDIN-RED	2.79
MIRAGE	1	LINCOLN	1.8	CARBONATE	3.4	HYDRO	1.7	ROBIN RED	2.8

PTAT		UDDERS		LEGS AND FEET		ECO\$		ROBOTIC COW INDEX	
PHOENIX	1.88	PHOENIX	1.48	PHOENIX	1.78	TARROO	1135	CARBONATE	8.1
HAZELMAN	1.53	ROLLER	1.3	AUGUSTUS-P-RED	1.63	REVERENCE	1124	ACCELERATE	8.0
OUTPACE	1.49	HAZELMAN	1.28	ROBIN RED	1.36	HIGH PACE	978	CARTELL	7.5
ROBIN RED	1.4	ROLO	1.16	HAZELMAN	1.17	CAPTIVATE	971	HYDRO	7.1
HARVEY	1.25	AREND-P	1.11	ROCK-RED	0.84	TIQ TAQ	966	ATACAMA	6.8
ANTONIO	1.23	OUTBOUND	1.08	STEWART	0.68	CARBONATE	951	LIBERTY	6.8
STEWART	1.22	STEWART	1.06	ROLO	0.59	STEWART	937	HIGH CALIBRE	6.6
OCEAN	1.15	ANTONIO	0.99	EMERSON RED	0.58	WALLACE	928	ROLO	6.6
ROLO	1.11	OUTPACE	0.91	MIRAGE	0.54	OUTBOUND	920	ALITUDE	6.5
CHASE	1.03	SUNSET	0.89	HARVEY	0.52	MAGNUM	919	ASCENSION	6.5