

HOLSTEIN

— SPRING 2024 —

The cogent *difference*



MAXIMISE PROFIT POTENTIAL & HERD HEALTH WITH

www.cogentuk.com



PRECISIONCOW

THE BENEFITS AT A GLANCE

- ✓ IMPROVED REPRODUCTION RESULTS
- ✓ BETTER COW HEALTH AND A MORE PRODUCTIVE AND SUSTAINABLE HERD
- ✓ INCREASED LABOUR EFFICIENCY AND EFFECTIVENESS
- ✓ IMPROVED FARM MANAGEMENT WITH PROVEN TECHNOLOGY
- ✓ SAVING ON LABOUR, FERTILITY AND MEDICAL TREATMENT COSTS
- ✓ VITAL ELEMENT FOR ANIMAL-FRIENDLY AND SUSTAINABLE PRODUCTION

The cogent *difference*




SCAN QR CODE TO
FIND OUT MORE





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







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




Robot Ready sires produce daughters that are suitable for robot milking




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



HP Herd Plan



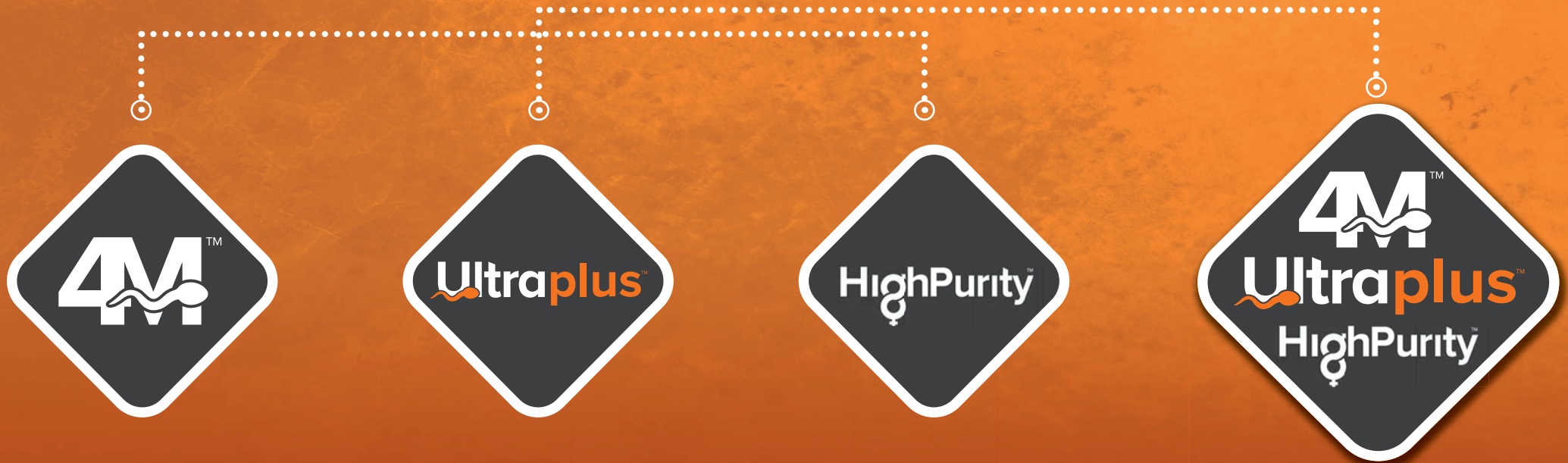
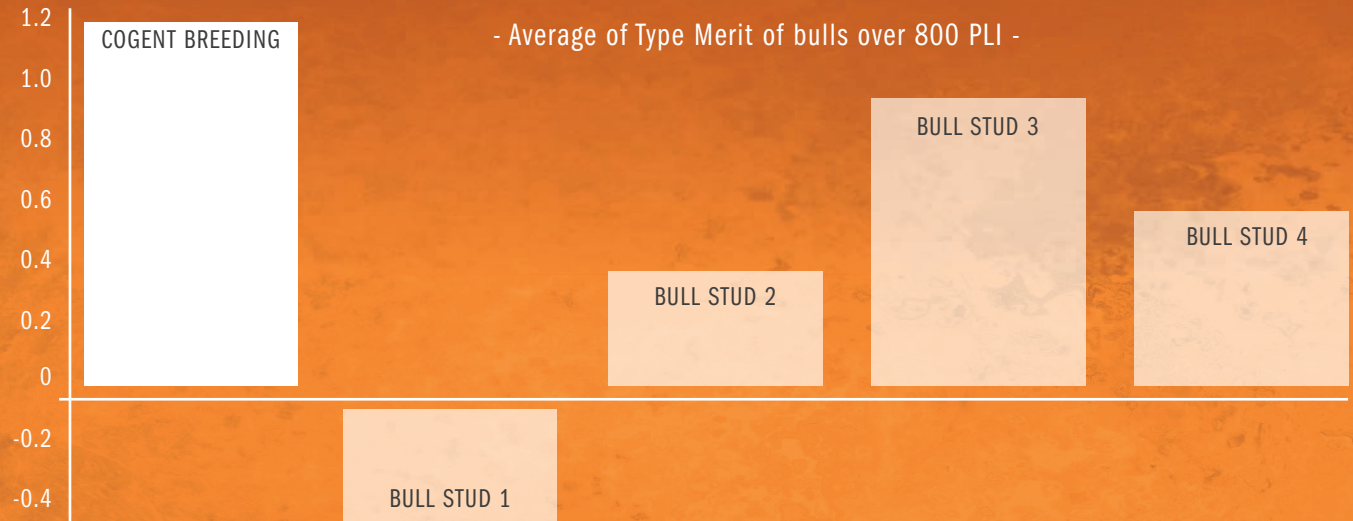
HPE Herd Plan Elite

Cogent abides by the AHDB Dairy and Holstein UK established Code of Advertising.
 Bulls tested free from genetic recessives may not show these codes for formatting reasons.
 Cover photo by Niké Schuurmans

YOU CAN HAVE IT ALL

Traditionally, bulls with a high PLI would display a low Type Merit. Contrary to this norm, Cogent bulls with an average PLI above 800 also exhibit a strong average Type Merit of 1.16. So, you no longer need to sacrifice Type Merit to achieve high PLI bulls.

Cogent has the most bulls occupying this space of simultaneously offering the highest PLI and Type Merit, providing a wide selection of optimum sires. Combine this with our innovative 4M Ultraplus HighPurity technology to revolutionise your breeding strategy. With 4 million sperm cells per straw, a significant 14% conception rate increase from original sexed technology and a gender accuracy of 96-97%, Cogent empowers you to enhance your herd quality with confidence.



Data supplied by AHDB April 2024

VOGUE A2P2 PP

Luster-P x Duke x Powerball-P



Photo Caption: Vogue A2P2-PP

NAAB: 724H002004 / AICode: H06720
 HBN: HOCAN00013446574 / Source: AHDB ITB
 Breeder: Vogue Cattle Co, CA / Photo Credit: Patty Jones

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

Sire: Cherry-Lily Zip Luster P by Zipit P
 Dam: Silverridge Duke Elsa P VG87 by Duke
 MGD: Silverridge V Pball Erna P VG86-2yr by Powerball P

Production Data		AHDB
£PLI	£314	83%R
Milk	442 kg	87%R
Fat	34.7 kg	0.20 %
Protein	18.0 kg	0.04 %
UK & Intl Dtrs	0 / 0	1808 / 912

Health + Management Data

Fertility Index	-6.1	Non-Improver
Lifespan (days)	-31	Non-Improver
Direct Calving Ease	-0.4	Harder
Maternal Calving Ease	1.0	Easier
Gestation Length (days)	1	Longer
Calf Survival	-2.4	Non-Improver
Somatic Cell Count	-13	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.2	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.86	Faster
Temperament	0.01	Curious
Maintenance (kg)	26	Sizeable
TB Advantage	2.1	Improver
HealthyCow	-8	Non-Improver
EnviroCow	1	Improver

Additional Indices

TPI®	2652	EcoFeed Hfr	-
NM\$	\$525	EcoFeed Cow	-
PTAT	1.87	RoboticCow	-
LPI	3506	Conformation	+13

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Type Data

Type Data	-2	-1	+1	+2	0 UK dtrs / 0 UK hrs	AHDB
Type Merit					1.98	Excellent
Mammary					2.76	Excellent
Legs + Feet					1.02	Excellent
Stature					1.47	Tall
Chest Width					2.11	Wide
Body Depth					2.35	Deep
Rib Structure					0.85	Open
Rump Angle					2.44	Sloped
Rump Width					2.80	Wide
Rear Legs SV					-0.36	Straight
Foot Angle					-0.08	Low
Fore Udder Att.					2.72	Strong
Rear Udder Ht.					3.01	High
Udder Support					0.62	Strong
Udder Depth					1.48	Shallow
Front Teat Pl.					-0.79	Apart
Teat Length					0.09	Long
Rear Teat Pl.					0.50	Close
Teat Position S					0.96	Apart
Locomotion					1.30	Excellent
Body Condition					2.04	Excellent

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDCB, LPI, CON, TPI® is registered trademark of Holstein USA.

R DG ALADDIN-RED

Entitle RC x Olympian RC x Detox



Photo Caption: R DG Aladdin Red

NAAB: 224H004617 / AICode: H04617
 HBN: HONLD000573341225 / Source: AHDB ITB
 Breeder: Diamond Genetics, NL / Photo Credit: Han Hopman

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

Sire: Stantons Entitle by Sympatico
 Dam: R DG Avira Red VG85 by Olympian
 MGD: BTS Avea Red VG89 by Detox

Production Data		AHDB
£PLI	£449	98%R
Milk	186 kg	99%R
Fat	14.8 kg	0.09 %
Protein	12.0 kg	0.07 %
UK & Intl Dtrs	2075 / 440	4431 / 1592

Health + Management Data

Fertility Index	3.7	Improver
Lifespan (days)	70	Improver
Direct Calving Ease	0.0	Harder
Maternal Calving Ease	-0.2	Harder
Gestation Length (days)	0	Shorter
Calf Survival	2.4	Improver
Somatic Cell Count	-18	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	2.7	Improver
Digital Dermatitis	1.0	Improver
Milking Speed	0.34	Faster
Temperament	-0.59	Standoffish
Maintenance (kg)	-4	Compact
TB Advantage	1.7	Improver
HealthyCow	200	Improver
EnviroCow	1.7	Improver

Additional Indices

TPI®	2395	EcoFeed Hfr	114
NM\$	\$406	EcoFeed Cow	87
PTAT	0.44	RoboticCow	3.9
LPI	3142	Conformation	+2

Milk Proteins

Kappa Casein	BB	Beta Casein	A1A2
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Type Data

Type Data	-2	-1	+1	+2	648 UK dtrs / 183 UK hrs	AHDB
Type Merit					1.57	Excellent
Mammary					1.62	Excellent
Legs + Feet					1.80	Excellent
Stature					-0.76	Short
Chest Width					0.36	Wide
Body Depth					-0.39	Shallow
Rib Structure					-0.56	Coarse
Rump Angle					0.57	Sloped
Rump Width					-1.74	Narrow
Rear Legs SV					1.99	Sickled
Foot Angle					-0.80	Low
Fore Udder Att.					2.64	Strong
Rear Udder Ht.					0.75	High
Udder Support					0.07	Strong
Udder Depth					1.70	Shallow
Front Teat Pl.					0.60	Close
Teat Length					-1.23	Short
Rear Teat Pl.					0.25	Close
Teat Position S					-0.13	Close
Locomotion					2.32	Excellent
Body Condition					0.69	Excellent

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDCB, LPI, CON, TPI® is registered trademark of Holstein USA.

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DG ALVIN RC

Lambeau x Mitchell x Argo



Photo Caption: MGD of Alvin: OH DG Agrorio Red GP84-2yr

NAAB: 515H000452 / AI Code: H07469
 HBN: HONLD000634723382 / Source: AHDB GBR
 Breeder: Diamond Genetics, NL / Photo Credit: Jane Steel

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

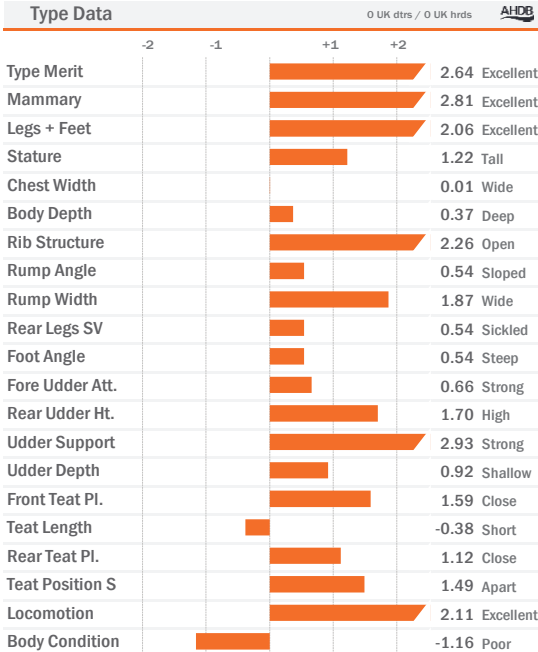
Sire: Westcoast Lambeau by Pursuit
 Dam: DG Oh Amira NC by Mitchell
 MGD: Oh DG Agrorio Red GP84 by Argo

Production Data		
£PLI	£599	66%R
Milk	961 kg	66%R
Fat	35.6 kg	-0.03 %
Protein	30.1 kg	-0.02 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		
Fertility Index	2.7	Improver
Lifespan (days)	76	Improver
Direct Calving Ease	-0.5	Harder
Maternal Calving Ease	0.7	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	0.2	Improver
Somatic Cell Count	-1	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.8	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	1.50	Faster
Temperament	1.06	Curious
Maintenance (kg)	7	Sizeable
TB Advantage	1.9	Improver
HealthyCow	135	Improver
EnviroCow	2.8	Improver

Additional Indices			
TPI®	2952	EcoFeed Hfr	-
NM\$	\$799	EcoFeed Cow	-
PTAT	2.83	RoboticCow	-
LPI	3698	Conformation	+9

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CM3, FMS, TPI®. PTAT, CDCB, LPI, CDF, CVF, DPF is registered trademark of Holstein USA.

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MYSTIQUE AMBITION RC

Ranger-Red x Rozume x Lambda



Photo Caption: Mystique Ambition

NAAB: 551H005280 / AI Code: H07871
 HBN: HOCAN000121051153 / Source: AHDB GBR
 Breeder: Ferme Mystique, CA / Photo Credit: Patty Jones

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

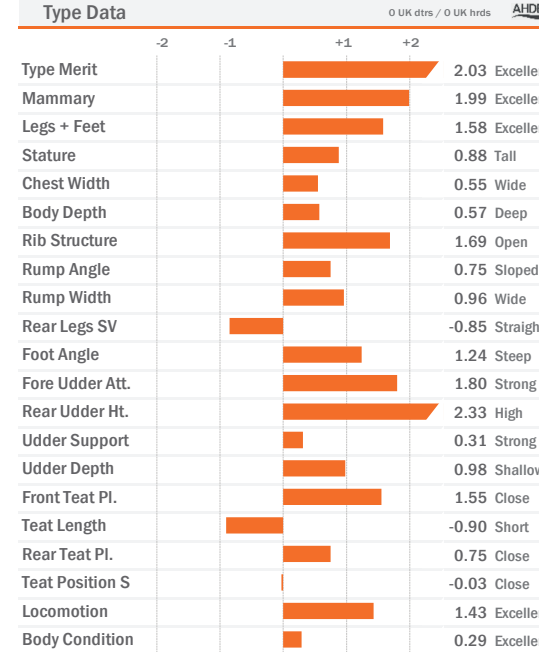
Sire: 3Star OH Ranger Red by Rubels
 Dam: Mystique Rozume Anicent VG87 by Rozume
 MGD: Mystique Lambda Anis VG89 by Lambda

Production Data		
£PLI	£523	66%R
Milk	580 kg	73%R
Fat	33.2 kg	0.11 %
Protein	22.7 kg	0.04 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		
Fertility Index	-3.7	Non-Improver
Lifespan (days)	61	Improver
Direct Calving Ease	-0.6	Harder
Maternal Calving Ease	0.3	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	0.4	Improver
Somatic Cell Count	-20	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.2	Improver
Digital Dermatitis	0.3	Improver
Milking Speed	-0.14	Slower
Temperament	0.53	Curious
Maintenance (kg)	8	Sizeable
TB Advantage	2.5	Improver
HealthyCow	98	Improver
EnviroCow	2.5	Improver

Additional Indices			
TPI®	2782	EcoFeed Hfr	96
NM\$	\$703	EcoFeed Cow	106
PTAT	2.58	RoboticCow	2.2
LPI	3655	Conformation	+12

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CM3, FMS, TPI®. PTAT, CDCB, LPI, CDF, CVF, DPF is registered trademark of Holstein USA.

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DG NH ARROW

Doc x Monterey x Mogul



Photo Caption: Arrow Dtrs at Anderstrup

Type Data	88 UK dtrs / 25 UK hrs				AHDB
	-2	-1	+1	+2	
Type Merit			[Bar]		1.39 Excellent
Mammary			[Bar]		2.03 Excellent
Legs + Feet			[Bar]		1.77 Excellent
Stature			[Bar]		1.85 Tall
Chest Width			[Bar]		1.34 Wide
Body Depth		[Bar]			0.28 Deep
Rib Structure		[Bar]			0.11 Open
Rump Angle		[Bar]			0.62 Sloped
Rump Width			[Bar]		1.55 Wide
Rear Legs SV		[Bar]			0.30 Sickled
Foot Angle		[Bar]			0.39 Steep
Fore Udder Att.			[Bar]		2.42 Strong
Rear Udder Ht.			[Bar]		1.63 High
Udder Support			[Bar]		2.00 Strong
Udder Depth			[Bar]		2.26 Shallow
Front Teat Pl.		[Bar]			0.65 Close
Teat Length	[Bar]				-1.40 Short
Rear Teat Pl.		[Bar]			1.17 Close
Teat Position S		[Bar]			0.42 Apart
Locomotion			[Bar]		1.86 Excellent
Body Condition			[Bar]		1.51 Excellent

Proof Source: April 2024, UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK

NAAB: 515H000353 / AICode: H05892
 HBN: HODEU000770753339 / Source: AHDB ITB
 Breeder: Diamond Genetics & M & N Nosbisch, DE / Photo Credit: AI Total

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

Sire: Woodcrest King Doc by KingDoc
 Dam: AL-Lew Monterey Ashley EX95 by Monterey
 MGD: AL-New MGL Astute 1207 EX91 by Mogul

Production Data			AHDB
£PLI	£265	90%R	
Milk	310 kg	97%R	
Fat	8.7 kg	-0.04 %	
Protein	11.9 kg	0.02 %	
UK & Intl Dtrs	105 / 33	1434 / 567	
	UK Dtrs/Hrds	Intl Dtrs/Hrds	

Health + Management Data			AHDB
Fertility Index	5.5	Improver	
Lifespan (days)	49	Improver	
Direct Calving Ease	-1.2	Harder	
Maternal Calving Ease	0.9	Easier	
Gestation Length (days)	1	Longer	
Calf Survival	2.9	Improver	
Somatic Cell Count	-7	Improver	
Mastitis Resistance (%)	-1	Improver	
Lameness Advantage	0.8	Improver	
Digital Dermatitis	0.4	Improver	
Milking Speed	1.27	Faster	
Temperament	0.38	Curious	
Maintenance (kg)	25	Sizeable	
TB Advantage	2.2	Improver	
HealthyCow	168	Improver	
EnviroCow	0.4	Improver	

Additional Indices			
TPI®	2640	EcoFeed Hfr	101
NM\$	\$467	EcoFeed Cow	88
PTAT	2.90	RoboticCow	4.5
LPI	3328	Conformation	+9

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A1

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

COGENT B ASPIRE

Ahead x Captain x Crimson



Photo Caption: Cogent B Aspire

Type Data	0 UK dtrs / 0 UK hrs				AHDB
	-2	-1	+1	+2	
Type Merit			[Bar]		0.70 Excellent
Mammary			[Bar]		1.00 Excellent
Legs + Feet			[Bar]		0.50 Excellent
Stature			[Bar]		0.43 Tall
Chest Width			[Bar]		0.70 Wide
Body Depth		[Bar]			-0.24 Shallow
Rib Structure		[Bar]			-0.03 Coarse
Rump Angle			[Bar]		0.85 Sloped
Rump Width			[Bar]		1.21 Wide
Rear Legs SV			[Bar]		0.27 Sickled
Foot Angle			[Bar]		0.55 Steep
Fore Udder Att.			[Bar]		1.08 Strong
Rear Udder Ht.			[Bar]		0.23 High
Udder Support			[Bar]		0.52 Strong
Udder Depth			[Bar]		1.15 Shallow
Front Teat Pl.			[Bar]		0.39 Close
Teat Length		[Bar]			-0.43 Short
Rear Teat Pl.		[Bar]			0.68 Close
Teat Position S			[Bar]		0.08 Apart
Locomotion			[Bar]		0.53 Excellent
Body Condition			[Bar]		0.91 Excellent

Proof Source: April 2024, UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FM\$, TPB\$, PTAT, CDCB, LPI, CDI, TPB is registered trademark of Holstein USA.

NAAB: 522H005840 / AICode: H07831
 HBN: HOGBR582935118080 / Source: AHDB GBR
 Breeder: Cogent Breeding, GB / Photo Credit: Han Hopman

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

Sire: Blumenfeld Renegade Ahead by Renegade
 Dam: Boghill Glamour Captain C Carlin P by Captain
 MGD: Boghill Glamour Crimson V Carlin D SP GP84 by Crimson

Production Data			AHDB
£PLI	£703	67%R	
Milk	487 kg	73%R	
Fat	37.7 kg	0.21 %	
Protein	27.2 kg	0.13 %	
UK & Intl Dtrs	0 / 0	0 / 0	
	UK Dtrs/Hrds	Intl Dtrs/Hrds	

Health + Management Data			AHDB
Fertility Index	10.8	Improver	
Lifespan (days)	107	Improver	
Direct Calving Ease	0.0	Harder	
Maternal Calving Ease	0.2	Easier	
Gestation Length (days)	-2	Shorter	
Calf Survival	0.1	Improver	
Somatic Cell Count	-7	Improver	
Mastitis Resistance (%)	-1	Improver	
Lameness Advantage	0.2	Improver	
Digital Dermatitis	-0.1	Non-Improver	
Milking Speed	0.06	Faster	
Temperament	0.03	Curious	
Maintenance (kg)	8	Sizeable	
TB Advantage	1.1	Improver	
HealthyCow	178	Improver	
EnviroCow	3.3	Improver	

Additional Indices			
TPI®	2997	EcoFeed Hfr	97
NM\$	\$907	EcoFeed Cow	96
PTAT	1.18	RoboticCow	6.7
LPI	3502	Conformation	+1

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

DROUNER K&L AUGUSTUS P-RED

Solitaire P x Silky x Bestboss



Photo Caption: Drouner K&L Augustus Red

NAAB: 522H004319 / AICode: H06358
 HBN: HONLD000840442679 / Source: AHDB ITB
 Breeder: Drouner Holsteins, NL / Photo Credit: Jane Steel

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

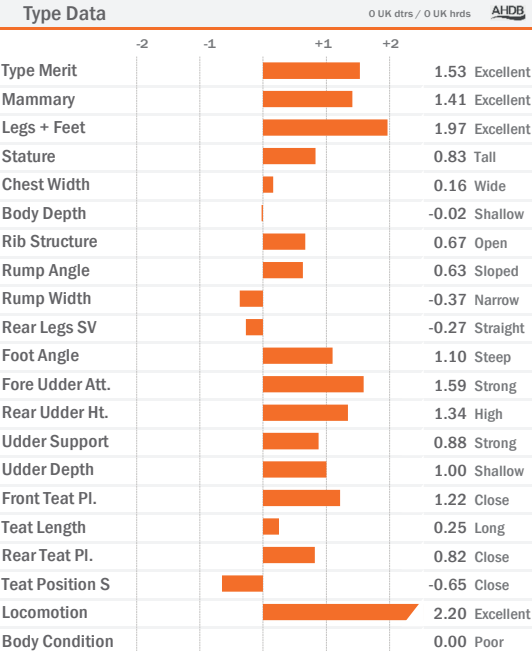
Sire: Caudumer Solitaire P by Salvatore
 Dam: Drouner K&L Aiko 1557 VG89 by Silky
 MGD: Drouner K&L Aiko 1398 VG89 by Kanu-P

Production Data			AHDB
£PLI	£445	71%R	
Milk	347 kg	79%R	
Fat	7.7 kg	-0.07 %	
Protein	16.0 kg	0.05 %	
UK & Intl Dtrs	0 / 0	52 / 41	
	UK Dtrs/Hrds	Intl Dtrs/Hrds	

Health + Management Data			AHDB
Fertility Index	3.8	Improver	
Lifespan (days)	162	Improver	
Direct Calving Ease	0.2	Easier	
Maternal Calving Ease	0.2	Easier	
Gestation Length (days)	-2	Shorter	
Calf Survival	1.1	Improver	
Somatic Cell Count	-25	Improver	
Mastitis Resistance (%)	-2	Improver	
Lameness Advantage	1.7	Improver	
Digital Dermatitis	0.4	Improver	
Milking Speed	-0.25	Slower	
Temperament	0.51	Curious	
Maintenance (kg)	7	Sizeable	
TB Advantage	0.1	Improver	
HealthyCow	235	Improver	
EnviroCow	2.1	Improver	

Additional Indices			
TPI®	2630	EcoFeed Hfr	100
NM\$	\$586	EcoFeed Cow	97
PTAT	1.50	RoboticCow	3.7
LPI	3244	Conformation	+5

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, LPI, CDM, TPI® is registered trademark of Holstein USA.

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DG AZZOPARDI BASKO

Lambeau x Diskjockey x Charley



Photo Caption: DG Azzopardi Basko

NAAB: 522H005080 / AICode: H07521
 HBN: HONLD000577125919 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

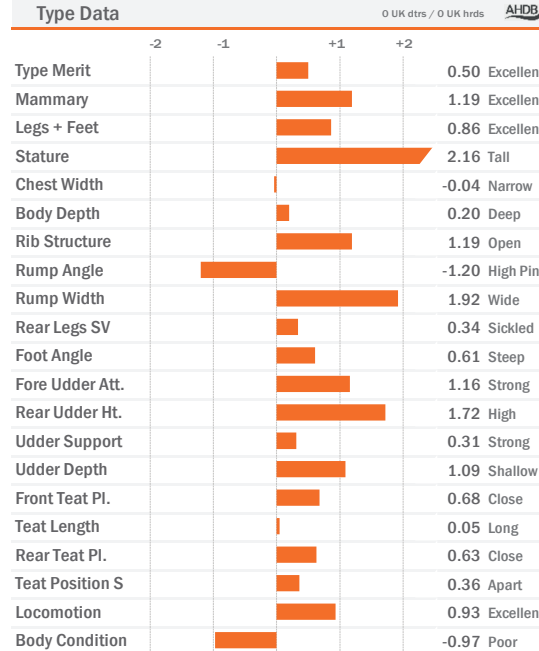
Sire: Westcoast Lambeau by Pursuit
 Dam: Go-Farm Bondida by Diskjockey
 MGD: Go-Farm Bolivia 3855 by Charley

Production Data			AHDB
£PLI	£637	66%R	
Milk	604 kg	73%R	
Fat	41.5 kg	0.19 %	
Protein	29.3 kg	0.11 %	
UK & Intl Dtrs	0 / 0	0 / 0	
	UK Dtrs/Hrds	Intl Dtrs/Hrds	

Health + Management Data			AHDB
Fertility Index	5	Improver	
Lifespan (days)	73	Improver	
Direct Calving Ease	-0.3	Harder	
Maternal Calving Ease	1.2	Easier	
Gestation Length (days)	-1	Shorter	
Calf Survival	0.9	Improver	
Somatic Cell Count	-8	Improver	
Mastitis Resistance (%)	0	Non-Improver	
Lameness Advantage	2.9	Improver	
Digital Dermatitis	0.7	Improver	
Milking Speed	1.12	Faster	
Temperament	0.73	Curious	
Maintenance (kg)	17	Sizeable	
TB Advantage	1.7	Improver	
HealthyCow	146	Improver	
EnviroCow	2.7	Improver	

Additional Indices			
TPI®	2922	EcoFeed Hfr	99
NM\$	\$809	EcoFeed Cow	69
PTAT	2.17	RoboticCow	5.7
LPI	3445	Conformation	+2

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, LPI, CDM, TPI® is registered trademark of Holstein USA.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

DG BLACKBURN

Davinci x Haniko x Undenied



Jane Steel



Photo Caption: DG Blackburn

NAAB: 515H000484 / AICode: H07684
 HBN: HODNK005051106531 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

Sire: EBA Davinci by Dylan
 Dam: Gen Bibian VG86 by Haniko
 MGD: Gen Brylo VG85 by Undenied

Production Data		
£PLI	£284	66%R
Milk	547 kg	73%R
Fat	9.9 kg	-0.14 %
Protein	18.1 kg	0.00 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		
Fertility Index	1.9	Improver
Lifespan (days)	31	Improver
Direct Calving Ease	-0.9	Harder
Maternal Calving Ease	0.1	Easier
Gestation Length (days)	1	Longer
Calf Survival	2.4	Improver
Somatic Cell Count	-9	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	0.2	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.41	Faster
Temperament	1.33	Curious
Maintenance (kg)	28	Sizeable
TB Advantage	3.5	Improver
HealthyCow	138	Improver
EnviroCow	0.6	Improver

Additional Indices			
TPI@	2501	EcoFeed Hfr	-
NMS	\$220	EcoFeed Cow	-
PTAT	3.65	RoboticCow	-
LPI	3336	Conformation	+15

Milk Proteins			
Kappa Casein	AE	Beta Casein	A1A2

GENOSOURCE CAPTAIN

Charl x Sabre x Ahead



Photo Caption: Daughters of Captain at Genosource

NAAB: 551H004119 / AICode: H06241
 HBN: H0840003147118734 / Source: AHDB ITB
 Breeder: Genosource, US / Photo Credit: STGenetics

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

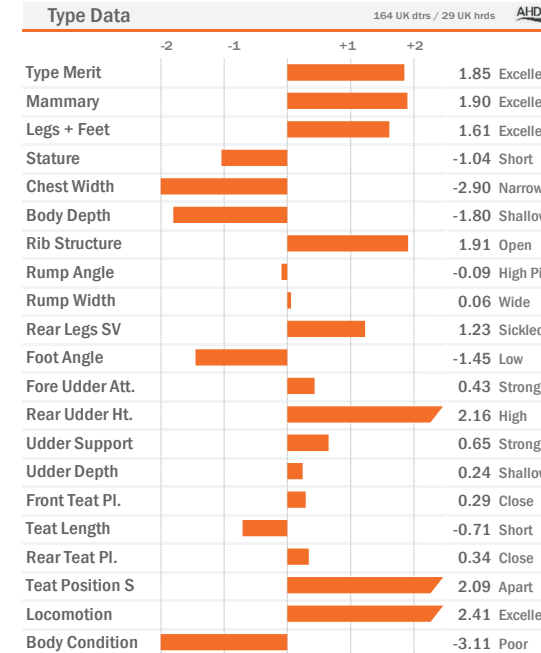
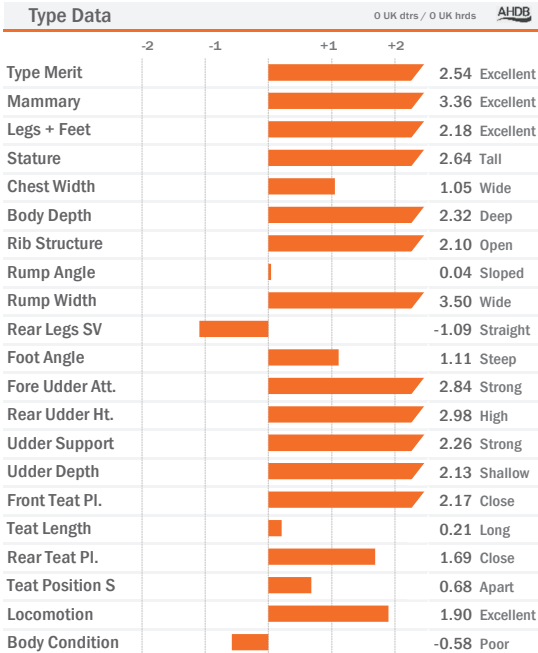
Sire: Hurtgenlea Richard Charl by Charley
 Dam: Genosource Sabre 35223 VG85 by Sabre
 MGD: Peak Menna Ahead 850 EX91 by Ahead

Production Data		
£PLI	£874	91%R
Milk	1187 kg	99%R
Fat	49.5 kg	0.02 %
Protein	37.6 kg	-0.02 %
UK & Intl Dtrs	492 / 53	4153 / 186

Health + Management Data		
Fertility Index	5	Improver
Lifespan (days)	104	Improver
Direct Calving Ease	0.3	Easier
Maternal Calving Ease	0.4	Easier
Gestation Length (days)	-3	Shorter
Calf Survival	2.8	Improver
Somatic Cell Count	-1	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.7	Improver
Digital Dermatitis	0.8	Improver
Milking Speed	-0.20	Slower
Temperament	-0.61	Standoffish
Maintenance (kg)	-32	Compact
TB Advantage	0.8	Improver
HealthyCow	180	Improver
EnviroCow	4.6	Improver

Additional Indices			
TPI@	3287	EcoFeed Hfr	99
NMS	\$1375	EcoFeed Cow	102
PTAT	1.18	RoboticCow	6.0
LPI	3761	Conformation	+0

Milk Proteins			
Kappa Casein	AA	Beta Casein	A2A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, PMS, TPI@, PTAT, CDCB, LPI, CON, TPI@ is registered trademark of Holstein USA.

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Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, PMS, TPI@, PTAT, CDCB, LPI, CON, TPI@ is registered trademark of Holstein USA.

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BOGHILL GLAMOUR

CAPTIVATE

Captain x Crimson x Verona



Jane Steel



Photo Caption: Boghill Glamour Captivate

NAAB: 522H004785 / AICode: H07117
 HBN: H0GBR949027118132 / Source: AHDB GBR
 Breeder: Boghill Glamour, GB / Photo Credit: Jane Steel

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

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

Production Data		AHDB
£PLI	£814	68%R
Milk	899 kg	74%R
Fat	41.1 kg	0.05 %
Protein	34.6 kg	0.05 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data AHDB

Fertility Index	6.4	Improver
Lifespan (days)	119	Improver
Direct Calving Ease	0.0	Harder
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	0	Shorter
Calf Survival	3.4	Improver
Somatic Cell Count	-9	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.5	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.25	Faster
Temperament	0.42	Curious
Maintenance (kg)	-12	Compact
TB Advantage	1.1	Improver
HealthyCow	192	Improver
EnviroCow	4.2	Improver

Additional Indices

TPI®	3038	EcoFeed Hfr	99
NM\$	\$1112	EcoFeed Cow	115
PTAT	0.65	RoboticCow	6.7
LPI	3575	Conformation	-2

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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COGENT

CARTELL

Alanzo x Captain x Sassafra



Jane Steel



Photo Caption: Cogent Cartell

NAAB: 522H005748 / AICode: H07868
 HBN: H0GBR728173400314 / Source: AHDB GBR
 Breeder: Cogent Breeding, GB / Photo Credit: Han Hopman

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

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

Production Data		AHDB
£PLI	£838	66%R
Milk	1104 kg	73%R
Fat	45.9 kg	0.02 %
Protein	39.4 kg	0.03 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data AHDB

Fertility Index	6.1	Improver
Lifespan (days)	88	Improver
Direct Calving Ease	0.1	Easier
Maternal Calving Ease	0.9	Easier
Gestation Length (days)	0	Shorter
Calf Survival	2.5	Improver
Somatic Cell Count	-7	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.7	Improver
Digital Dermatitis	0.3	Improver
Milking Speed	1.47	Faster
Temperament	-0.50	Standoffish
Maintenance (kg)	-13	Compact
TB Advantage	1.0	Improver
HealthyCow	165	Improver
EnviroCow	4.3	Improver

Additional Indices

TPI®	3095	EcoFeed Hfr	97
NM\$	\$1116	EcoFeed Cow	86
PTAT	1.63	RoboticCow	7.6
LPI	3753	Conformation	+2

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Type Data 0 UK dtrs / 0 UK hrs AHDB

Type Merit	-2	-1	+1	+2	Value	Category
Type Merit					0.72	Excellent
Mammary					0.87	Excellent
Legs + Feet					0.24	Excellent
Stature					-0.50	Short
Chest Width					-0.81	Narrow
Body Depth					-1.02	Shallow
Rib Structure					0.89	Open
Rump Angle					0.54	Sloped
Rump Width					-0.14	Narrow
Rear Legs SV					0.09	Sickled
Foot Angle					-0.43	Low
Fore Udder Att.					0.17	Strong
Rear Udder Ht.					0.83	High
Udder Support					-0.29	Broken
Udder Depth					0.27	Shallow
Front Teat Pl.					-0.29	Apart
Teat Length					-0.64	Short
Rear Teat Pl.					0.11	Close
Teat Position S					0.64	Apart
Locomotion					0.47	Excellent
Body Condition					-1.01	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, CLF, CNF, CVF, DPF, MWT, HH1T, HH2T, HH3T, HH4T, HH5T, HH6T. TPI® is registered trademark of Holstein USA.

Type Data 0 UK dtrs / 0 UK hrs AHDB

Type Merit	-2	-1	+1	+2	Value	Category
Type Merit					1.10	Excellent
Mammary					1.03	Excellent
Legs + Feet					0.70	Excellent
Stature					0.25	Tall
Chest Width					-1.85	Narrow
Body Depth					-0.73	Shallow
Rib Structure					2.08	Open
Rump Angle					0.32	Sloped
Rump Width					0.56	Wide
Rear Legs SV					0.39	Sickled
Foot Angle					-0.07	Low
Fore Udder Att.					1.17	Strong
Rear Udder Ht.					1.08	High
Udder Support					-0.47	Broken
Udder Depth					1.03	Shallow
Front Teat Pl.					0.21	Close
Teat Length					-1.30	Short
Rear Teat Pl.					-0.77	Apart
Teat Position S					-0.59	Close
Locomotion					0.84	Excellent
Body Condition					-3.00	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, CLF, CNF, CVF, DPF, MWT, HH1T, HH2T, HH3T, HH4T, HH5T, HH6T. TPI® is registered trademark of Holstein USA.

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DGF CASIMIR

Mojo x Helix x Supershot



Photo Caption: DGF Casimir

NAAB: 522H004469 / AICode: H06655
 HBN: HONLD000737303054 / Source: AHDB GBR
 Breeder: Diamond Genetics, NL / Photo Credit: Robert Morley

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

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

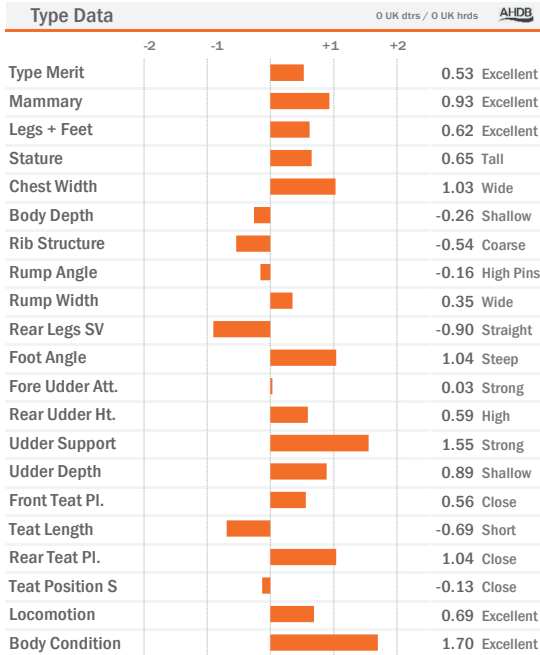
Production Data		
£PLI	£673	67%R
Milk	503 kg	73%R
Fat	25.5 kg	0.06 %
Protein	27.7 kg	0.13 %
UK & Intl Dtrs	0 / 0	0 / 0
	<small>UK Dtrs/Hds</small>	<small>Intl Dtrs/Hds</small>

Health + Management Data		
Fertility Index	9.2	Improver
Lifespan (days)	116	Improver
Direct Calving Ease	-0.8	Harder
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	-1.6	Non-Improver
Somatic Cell Count	-33	Improver
Mastitis Resistance (%)	-3	Improver
Lameness Advantage	2.0	Improver
Digital Dermatitis	0.5	Improver
Milking Speed	-0.54	Slower
Temperament	-0.01	Standoffish
Maintenance (kg)	13	Sizeable
TB Advantage	1.3	Improver
HealthyCow	223	Improver
EnviroCow	2.9	Improver

Additional Indices			
TPI®	2870	EcoFeed Hfr	91
NM\$	\$783	EcoFeed Cow	89
PTAT	1.41	RoboticCow	3.9
LPI	3500	Conformation	-1

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, CLF, CNF, CVF, DPF, MWT, HH1T, HH2T, HH3T, HH4T, HH5T, HH6T. LPI, CON, TPI® is registered trademark of Holstein USA.

DROUNER K&L CHASE

Pursuit x Superhero x Silver



Photo Caption: Dam of Chase, Drouner K&L Classy VG87

NAAB: 522H004359 / AICode: H06515
 HBN: HONLD000840442662 / Source: AHDB GBR
 Breeder: Drouner Holsteins, NL / Photo Credit: 3STAR Genetics

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

Sire: Pine-Tree S-S-1 Pursuit by Imax
 Dam: Drouner K&L Classy VG87 by Superhero
 MGD: Benthemmer K&L SV Classy by Silver

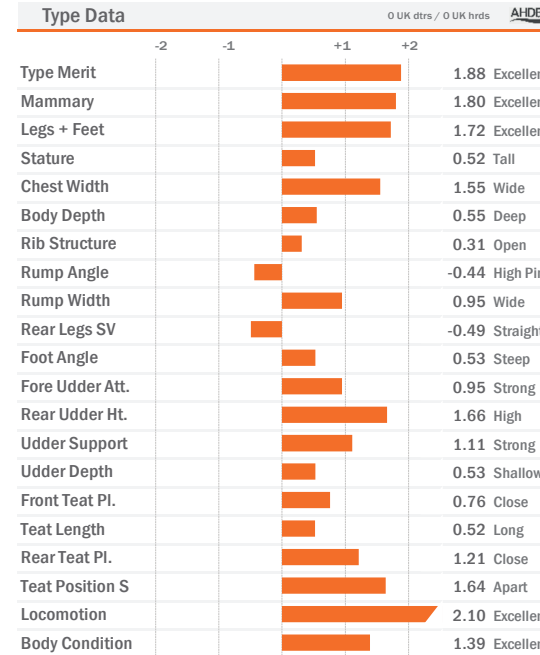
Production Data		
£PLI	£612	68%R
Milk	769 kg	74%R
Fat	35.8 kg	0.05 %
Protein	23.6 kg	-0.02 %
UK & Intl Dtrs	0 / 0	0 / 0
	<small>UK Dtrs/Hds</small>	<small>Intl Dtrs/Hds</small>

Health + Management Data		
Fertility Index	7.9	Improver
Lifespan (days)	88	Improver
Direct Calving Ease	-0.1	Harder
Maternal Calving Ease	0.9	Easier
Gestation Length (days)	1	Longer
Calf Survival	-0.2	Non-Improver
Somatic Cell Count	-12	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	2.7	Improver
Digital Dermatitis	0.7	Improver
Milking Speed	1.16	Faster
Temperament	0.43	Curious
Maintenance (kg)	14	Sizeable
TB Advantage	2.3	Improver
HealthyCow	198	Improver
EnviroCow	2.5	Improver

Additional Indices			
TPI®	2872	EcoFeed Hfr	102
NM\$	\$825	EcoFeed Cow	109
PTAT	1.48	RoboticCow	4.4
LPI	3522	Conformation	+4

Milk Proteins			
Kappa Casein	AA	Beta Casein	A1A2

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.



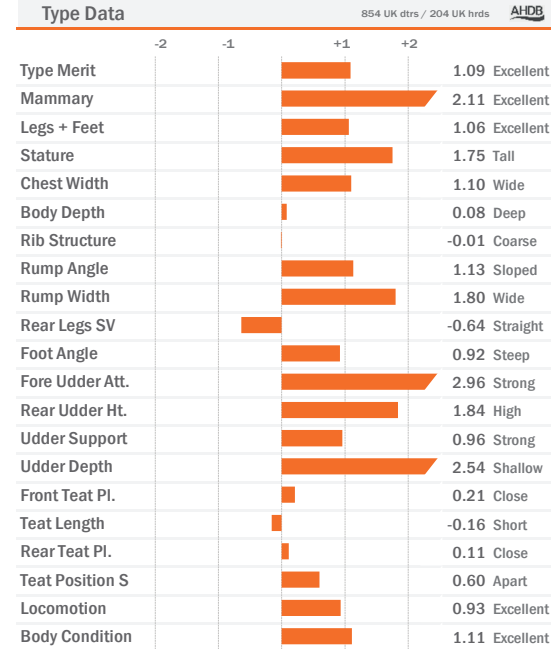
Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, CLF, CNF, CVF, DPF, MWT, HH1T, HH2T, HH3T, HH4T, HH5T, HH6T. LPI, CON, TPI® is registered trademark of Holstein USA.

STANTONS CHIEF

High Octane x Numero Uno x Observer



Photo Caption: Chief Daughters



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NMS, CMS, PMS, PTAT, CDBC, LPI, CDR, TPI® is registered trademark of Holstein USA.

NAAB: 513H003190 / AICode: H04889
 HBN: H0840003129015989 / Source: AHDB ITB
 Breeder: Stanton Bros, CA / Photo Credit: All.Nure

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

Sire: Stantons High Octane by McCutchen
 Dam: Rockymountain Uno Cheyanne VG85-2yr by Uno
 MGD: Larcrest Chevelle VG87 by Observer

Production Data			AHDB
£PLI	£252	98%R	
Milk	784 kg	99%R	
Fat	13.8 kg	-0.20 %	
Protein	19.1 kg	-0.07 %	
UK & Intl Dtrs	1202 / 272	26681/ 6961	
	UK Dtrs/Hrds	Intl Dtrs/Hrds	

Health + Management Data			AHDB
Fertility Index	-0.7	Non-Improver	
Lifespan (days)	18	Improver	
Direct Calving Ease	-1.6	Harder	
Maternal Calving Ease	0.7	Easier	
Gestation Length (days)	0	Shorter	
Calf Survival	1.5	Improver	
Somatic Cell Count	-15	Improver	
Mastitis Resistance (%)	0	Non-Improver	
Lameness Advantage	2.0	Improver	
Digital Dermatitis	0.2	Improver	
Milking Speed	0.64	Faster	
Temperament	1.57	Curious	
Maintenance (kg)	23	Sizeable	
TB Advantage	2.1	Improver	
HealthyCow	91	Improver	
EnviroCow	0.5	Improver	

Additional Indices			
TPI®	2243	EcoFeed Hfr	99
NM\$	\$-5	EcoFeed Cow	80
PTAT	2.08	RoboticCow	5.8
LPI	2957	Conformation	+9

Milk Proteins			
Kappa Casein	AA	Beta Casein	A2A2

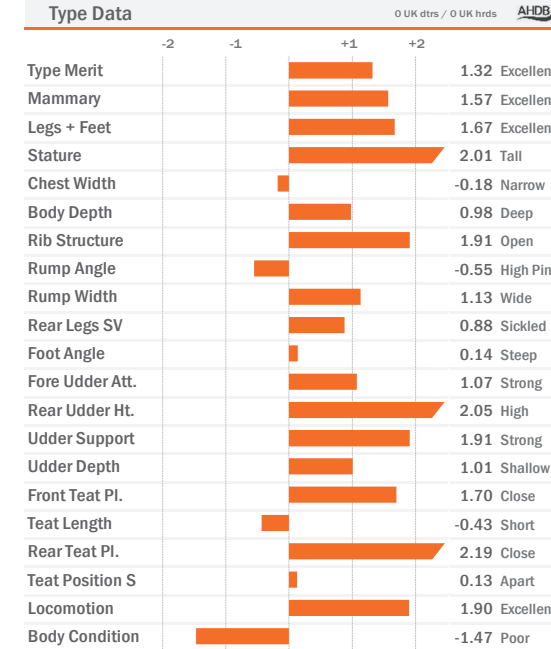
RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

WILTOR COSMO

King Doc x Modesty x Silver



Photo Caption: Wiltor Cosmo



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NMS, CMS, PMS, PTAT, CDBC, LPI, CDR, TPI® is registered trademark of Holstein USA.

NAAB: 522H004530 / AICode: H06744
 HBN: H0GBR728173500084 / Source: AHDB GBR
 Breeder: Wiltor & Sahara, GB / Photo Credit: Jane Steel

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

Sire: Woodcrest King Doc by Kingboy
 Dam: Wiltor Modesty Cosmopolitan 5 VG88 by Modesty
 MGD: Wiltor Silver Cosmopolitan VG88 by Silver

Production Data			AHDB
£PLI	£476	69%R	
Milk	563 kg	74%R	
Fat	23.0 kg	0.00 %	
Protein	20.0 kg	0.02 %	
UK & Intl Dtrs	0 / 0	0 / 0	
	UK Dtrs/Hrds	Intl Dtrs/Hrds	

Health + Management Data			AHDB
Fertility Index	8	Improver	
Lifespan (days)	110	Improver	
Direct Calving Ease	-1.0	Harder	
Maternal Calving Ease	1.2	Easier	
Gestation Length (days)	0	Shorter	
Calf Survival	0.1	Improver	
Somatic Cell Count	-6	Improver	
Mastitis Resistance (%)	-1	Improver	
Lameness Advantage	2.2	Improver	
Digital Dermatitis	0.7	Improver	
Milking Speed	0.42	Faster	
Temperament	0.36	Curious	
Maintenance (kg)	14	Sizeable	
TB Advantage	3.0	Improver	
HealthyCow	188	Improver	
EnviroCow	2.1	Improver	

Additional Indices			
TPI®	2772	EcoFeed Hfr	104
NM\$	\$655	EcoFeed Cow	100
PTAT	2.61	RoboticCow	5.1
LPI	3273	Conformation	+7

Milk Proteins			
Kappa Casein	BE	Beta Casein	A1A2

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

PINE-TREE GS CRUZER

Captain x Skywalker x Burley



Photo Caption: Pine-Tree Cruzler

Type Data	0 UK dtrs / 0 UK hrs		AHDB
Type Merit	-2	+2	1.64 Excellent
Mammary			1.25 Excellent
Legs + Feet			1.82 Excellent
Stature			-0.63 Short
Chest Width			-2.13 Narrow
Body Depth			-1.02 Shallow
Rib Structure			1.67 Open
Rump Angle			0.34 Sloped
Rump Width			-0.57 Narrow
Rear Legs SV			0.95 Sickled
Foot Angle			-0.90 Low
Fore Udder Att.			-0.04 Weak
Rear Udder Ht.			1.56 High
Udder Support			0.31 Strong
Udder Depth			0.42 Shallow
Front Teat Pl.			-0.29 Apart
Teat Length			-0.50 Short
Rear Teat Pl.			0.43 Close
Teat Position S			1.86 Apart
Locomotion			2.04 Excellent
Body Condition			-2.49 Poor

NAAB: 551H004686 / AICode: H07442
 HBN: H0840003216669828 / Source: AHDB GBR
 Breeder: Genosource, US / Photo Credit: Patty Jones

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

Sire: Genosource Captain by Charl
 Dam: Pine-Tree 7445 Skyw 8177 VG87 by Skywalker
 MGD: Pine-Tree 9839 Burl 7445 by Burley

Production Data			AHDB
£PLI	£839	68%R	
Milk	1079 kg	74%R	
Fat	41.1 kg	-0.02 %	
Protein	37.7 kg	0.02 %	
UK & Intl Dtrs	0 / 0	0 / 0	

Health + Management Data			AHDB
Fertility Index	5.9	Improver	
Lifespan (days)	107	Improver	
Direct Calving Ease	0.4	Easier	
Maternal Calving Ease	0.2	Easier	
Gestation Length (days)	-2	Shorter	
Calf Survival	2.6	Improver	
Somatic Cell Count	7	Non-Improver	
Mastitis Resistance (%)	1	Non-Improver	
Lameness Advantage	2.6	Improver	
Digital Dermatitis	1.0	Improver	
Milking Speed	1.22	Faster	
Temperament	-0.12	Standoffish	
Maintenance (kg)	-22	Compact	
TB Advantage	1.0	Improver	
HealthyCow	165	Improver	
EnviroCow	4.6	Improver	

Additional Indices			
TPI®	3074	EcoFeed Hfr	101
NM\$	\$1152	EcoFeed Cow	108
PTAT	1.10	RoboticCow	6.8
LPI	3586	Conformation	+1

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CNS, FWS, TPFB, PTAT, CDCS, LPI, CDA, TPB is registered trademark of Holstein USA.

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OCD THORSON DARTH VADER

Thorson x Captain x Tahiti



Photo Caption: OCD Thorson Darth Vader

Type Data	0 UK dtrs / 0 UK hrs		AHDB
Type Merit	-2	+2	1.33 Excellent
Mammary			1.06 Excellent
Legs + Feet			0.53 Excellent
Stature			-0.94 Short
Chest Width			-1.43 Narrow
Body Depth			-0.87 Shallow
Rib Structure			2.49 Open
Rump Angle			-0.88 High Pins
Rump Width			0.35 Wide
Rear Legs SV			2.36 Sickled
Foot Angle			-1.59 Low
Fore Udder Att.			-0.50 Weak
Rear Udder Ht.			1.98 High
Udder Support			0.55 Strong
Udder Depth			-1.10 Deep
Front Teat Pl.			0.73 Close
Teat Length			-0.38 Short
Rear Teat Pl.			2.17 Close
Teat Position S			1.78 Apart
Locomotion			0.79 Excellent
Body Condition			-2.87 Poor

NAAB: 551H005486 / AICode: H08002
 HBN: H0840003267664523 / Source: AHDB GBR
 Breeder: Oakfield Corners Dairy, US / Photo Credit: Frank Robinson

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

Sire: STGen Cowen Thorson by Cowen
 Dam: OCD Captain Liana 65615 by Captain
 MGD: BGP Sif Tahiti 18709 by Tahiti

Production Data			AHDB
£PLI	£798	66%R	
Milk	1122 kg	73%R	
Fat	57.1 kg	0.13 %	
Protein	37.5 kg	0.01 %	
UK & Intl Dtrs	0 / 0	0 / 0	

Health + Management Data			AHDB
Fertility Index	0	Non-Improver	
Lifespan (days)	46	Improver	
Direct Calving Ease	-0.1	Harder	
Maternal Calving Ease	0.3	Easier	
Gestation Length (days)	-1	Shorter	
Calf Survival	1.2	Improver	
Somatic Cell Count	-1	Improver	
Mastitis Resistance (%)	1	Non-Improver	
Lameness Advantage	2.4	Improver	
Digital Dermatitis	0.5	Improver	
Milking Speed	0.83	Faster	
Temperament	0.14	Curious	
Maintenance (kg)	-22	Compact	
TB Advantage	2.6	Improver	
HealthyCow	64	Improver	
EnviroCow	4.4	Improver	

Additional Indices			
TPI®	3342	EcoFeed Hfr	103
NM\$	\$1482	EcoFeed Cow	103
PTAT	1.29	RoboticCow	5.5
LPI	3550	Conformation	-5

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CNS, FWS, TPFB, PTAT, CDCS, LPI, CDA, TPB is registered trademark of Holstein USA.

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EBA DAVINCI

Dylan x Sillian x Kingboy



Jane Steel



Photo Caption: EBA Davinci

Type Data	0 UK dtrs / 0 UK hrds		AHDB
Type Merit	-2	+2	1.90 Excellent
Mammary	-1	+2	2.51 Excellent
Legs + Feet		+2	1.98 Excellent
Stature		+2	2.30 Tall
Chest Width		+1	0.81 Wide
Body Depth		+2	1.79 Deep
Rib Structure		+2	1.51 Open
Rump Angle		+1	0.18 Sloped
Rump Width		+2	2.72 Wide
Rear Legs SV	-1		-0.93 Straight
Foot Angle		+1	0.66 Steep
Fore Udder Att.		+2	1.94 Strong
Rear Udder Ht.		+2	2.49 High
Udder Support		+2	1.84 Strong
Udder Depth		+2	1.86 Shallow
Front Teat Pl.		+2	1.84 Close
Teat Length		+1	0.83 Long
Rear Teat Pl.		+1	1.12 Close
Teat Position S		-1	-0.11 Close
Locomotion		+2	1.89 Excellent
Body Condition		-1	-0.39 Poor

NAAB: 515H000383 / AICode: H06570
 HBN: HOFRA007261004257 / Source: AHDB GBR
 Breeder: GAEC Brilland EBA Holsteins, FR / Photo Credit: Jane Steel

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

Sire: Kings-Ransom G Dylan by Granite
 Dam: EBA Netty VG87-2yr by Sillian
 MGD: EBA Liza VG88 by Kingboy

Production Data	AHDB	
£PLI	£408	67%R
Milk	342 kg	73%R
Fat	20.3 kg	0.08 %
Protein	17.8 kg	0.08 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data AHDB

Fertility Index	4.4	Improver
Lifespan (days)	52	Improver
Direct Calving Ease	-0.5	Harder
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	0	Shorter
Calf Survival	2.7	Improver
Somatic Cell Count	-9	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	-0.3	Non-Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.52	Faster
Temperament	0.15	Curious
Maintenance (kg)	24	Sizeable
TB Advantage	0.9	Improver
HealthyCow	167	Improver
EnviroCow	1.3	Improver

Additional Indices

TPI®	2733	EcoFeed Hfr	-
NM\$	\$490	EcoFeed Cow	-
PTAT	3.12	RoboticCow	-
LPI	3382	Conformation	+11

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, PM\$, TPI®, PTAT, CDF, LPI, CNL, TPI® is registered trademark of Holstein USA.

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DG DILLON

Captain x Crimson x Charley



Jane Steel



Photo Caption: DG Dillon

Type Data	0 UK dtrs / 0 UK hrds		AHDB
Type Merit	-2	+2	1.46 Excellent
Mammary		+2	1.42 Excellent
Legs + Feet		+2	1.31 Excellent
Stature		-1	-0.88 Short
Chest Width	-1		-1.57 Narrow
Body Depth	-1		-1.34 Shallow
Rib Structure		+2	1.20 Open
Rump Angle		-1	-1.08 High Pins
Rump Width			0.00 Narrow
Rear Legs SV		-1	-0.59 Straight
Foot Angle		+1	0.09 Steep
Fore Udder Att.		+1	0.69 Strong
Rear Udder Ht.		+1	0.64 High
Udder Support		+1	0.41 Strong
Udder Depth		+1	0.46 Shallow
Front Teat Pl.		+1	0.88 Close
Teat Length	-1		-1.30 Short
Rear Teat Pl.		+1	1.03 Close
Teat Position S		+2	1.78 Apart
Locomotion		+2	1.82 Excellent
Body Condition		-1	-1.57 Poor

NAAB: 522H005007 / AICode: H07310
 HBN: HONLD000575219304 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

Sire: Genosource Captain by Charl
 Dam: Gen Durkje VG87 by Crimson
 MGD: DG Ariana GP84 by Charley

Production Data	AHDB	
£PLI	£868	68%R
Milk	761 kg	74%R
Fat	45.3 kg	0.16 %
Protein	32.6 kg	0.08 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data AHDB

Fertility Index	3.4	Improver
Lifespan (days)	131	Improver
Direct Calving Ease	0.6	Easier
Maternal Calving Ease	0.7	Easier
Gestation Length (days)	-3	Shorter
Calf Survival	3.0	Improver
Somatic Cell Count	-19	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	2.7	Improver
Digital Dermatitis	0.8	Improver
Milking Speed	-0.11	Slower
Temperament	-0.22	Standoffish
Maintenance (kg)	-21	Compact
TB Advantage	1.7	Improver
HealthyCow	230	Improver
EnviroCow	4.3	Improver

Additional Indices

TPI®	3002	EcoFeed Hfr	98
NM\$	\$1124	EcoFeed Cow	107
PTAT	0.79	RoboticCow	6.5
LPI	3679	Conformation	-1

Milk Proteins

Kappa Casein	AA	Beta Casein	A1A2
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Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, PM\$, TPI®, PTAT, CDF, LPI, CNL, TPI® is registered trademark of Holstein USA.

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SDG-PH DELUX DOMINANCE

Deluxe x Pursuit x Achiever



Photo Caption: SDG-Ph Delux Dominance

NAAB: 551H004795 / AI Code: H07441
 HBN: H084000324172811 / Source: AHDB GBR
 Breeder: N Johnson & J Vierhout, US / Photo Credit: STGenetics

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

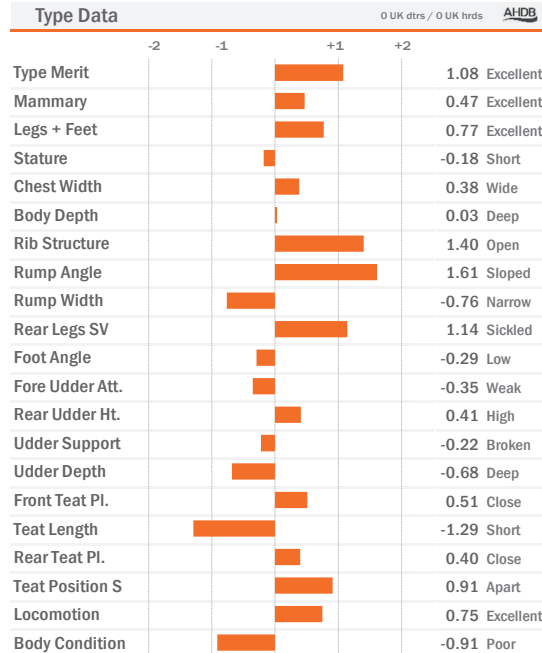
Sire: C-Haven Positive Deluxe by Positive
 Dam: SDG 2900 Pursuit 6998 by Pursuit
 MGD: Simple-Dreams 6037 by Achiever

Production Data		AHDB
£PLI	£753	67%R
Milk	717 kg	73%R
Fat	48.3 kg	0.22 %
Protein	30.0 kg	0.07 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		AHDB
Fertility Index	6.6	Improver
Lifespan (days)	113	Improver
Direct Calving Ease	0.1	Easier
Maternal Calving Ease	1.2	Easier
Gestation Length (days)	-4	Shorter
Calf Survival	0.8	Improver
Somatic Cell Count	-9	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.0	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	1.82	Faster
Temperament	0.11	Curious
Maintenance (kg)	-2	Compact
TB Advantage	3.0	Improver
HealthyCow	155	Improver
EnviroCow	3.9	Improver

Additional Indices			
TPI®	3150	EcoFeed Hfr	106
NM\$	\$1252	EcoFeed Cow	107
PTAT	0.74	RoboticCow	7.4
LPI	3592	Conformation	-1

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, LPI, CNF, MWT is registered trademark of Holstein USA.

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DG DONAGH

Renegade x Charl x Topshot



Photo Caption: DG Donagh

NAAB: 522H005013 / AI Code: H07311
 HBN: H0DEU001406512511 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

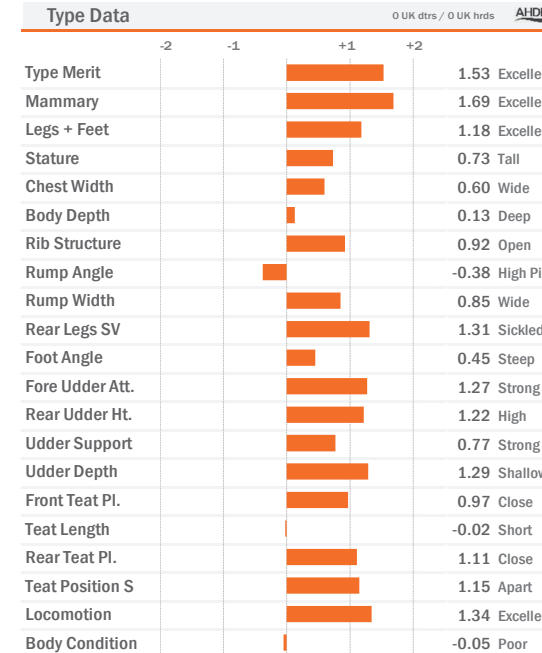
Sire: S-S-1 PR Renegade by JAltaOak
 Dam: DG OH Danica by Charl
 MGD: Schreur DG Oh Donna 2 by Topshot

Production Data		AHDB
£PLI	£553	68%R
Milk	570 kg	74%R
Fat	38.5 kg	0.18 %
Protein	23.0 kg	0.05 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		AHDB
Fertility Index	2.4	Improver
Lifespan (days)	55	Improver
Direct Calving Ease	-0.7	Harder
Maternal Calving Ease	1.0	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	1.6	Improver
Somatic Cell Count	-3	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	2.6	Improver
Digital Dermatitis	0.6	Improver
Milking Speed	-0.20	Slower
Temperament	-0.10	Standoffish
Maintenance (kg)	9	Sizeable
TB Advantage	1.4	Improver
HealthyCow	120	Improver
EnviroCow	2.4	Improver

Additional Indices			
TPI®	2905	EcoFeed Hfr	92
NM\$	\$829	EcoFeed Cow	92
PTAT	1.83	RoboticCow	5.3
LPI	3478	Conformation	+5

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, LPI, CNF, MWT is registered trademark of Holstein USA.

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DG OH DONTE

Skywalker x Topshot x Rubicon



Photo Caption: Daughter of Donte, Lymehouse Donte Polly VG85-2yr

Type Data	16 UK dtrs / 6 UK hrs		AHDB
Type Merit	-2	+1	1.36 Excellent
Mammary	-1	+1	1.41 Excellent
Legs + Feet	-1	+1	0.97 Excellent
Stature	-1	+1	0.68 Tall
Chest Width	-1	+1	0.07 Wide
Body Depth	-1	+1	1.25 Deep
Rib Structure	-1	+1	1.40 Open
Rump Angle	-1	+1	1.35 Sloped
Rump Width	-1	+1	-0.78 Narrow
Rear Legs SV	-1	+1	1.19 Sickled
Foot Angle	-1	+1	0.05 Steep
Fore Udder Att.	-1	+1	0.97 Strong
Rear Udder Ht.	-1	+1	0.81 High
Udder Support	-1	+1	1.15 Strong
Udder Depth	-1	+1	0.98 Shallow
Front Teat Pl.	-1	+1	0.46 Close
Teat Length	-1	+1	0.20 Long
Rear Teat Pl.	-1	+1	0.88 Close
Teat Position S	-1	+1	0.40 Apart
Locomotion	-1	+1	1.01 Excellent
Body Condition	-1	+1	-1.26 Poor

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK.

NAAB: 522H004270 / AICode: H06264
 HBN: HONLD000713112001 / Source: AHDB ITB
 Breeder: Diamond Genetics, DE / Photo Credit: Diamond Genetics

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

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

Production Data	AHDB	
£PLI	£497	79%R
Milk	750 kg	92%R
Fat	21.4 kg	-0.10 %
Protein	25.6 kg	0.01 %
UK & Intl Dtrs	52 / 22	52 / 22

Health + Management Data	AHDB	
Fertility Index	5	Improver
Lifespan (days)	73	Improver
Direct Calving Ease	-0.3	Harder
Maternal Calving Ease	1.0	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	0.4	Improver
Somatic Cell Count	-17	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.9	Improver
Digital Dermatitis	0.5	Improver
Milking Speed	0.43	Faster
Temperament	0.74	Curious
Maintenance (kg)	5	Sizeable
TB Advantage	1.3	Improver
HealthyCow	160	Improver
EnviroCow	2.1	Improver

Additional Indices		
TPI®	2676	EcoFeed Hfr 101
NM\$	\$743	EcoFeed Cow 118
PTAT	1.21	RoboticCow 4.0
LPI	3364	Conformation +3

Milk Proteins		
Kappa Casein	BB	Beta Casein A2A2

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GENOSOURCE DRUMROLL

Roztac x Captain x Dynamo



Photo Caption: Genosource Drumroll

Type Data	0 UK dtrs / 0 UK hrs		AHDB
Type Merit	-2	+2	1.90 Excellent
Mammary	-2	+2	2.71 Excellent
Legs + Feet	-2	+2	0.51 Excellent
Stature	-2	+2	0.02 Tall
Chest Width	-2	+2	-1.11 Narrow
Body Depth	-2	+2	-0.93 Shallow
Rib Structure	-2	+2	1.21 Open
Rump Angle	-2	+2	-1.62 High Pins
Rump Width	-2	+2	1.85 Wide
Rear Legs SV	-2	+2	0.26 Sickled
Foot Angle	-2	+2	-0.18 Low
Fore Udder Att.	-2	+2	2.06 Strong
Rear Udder Ht.	-2	+2	3.16 High
Udder Support	-2	+2	1.34 Strong
Udder Depth	-2	+2	1.26 Shallow
Front Teat Pl.	-2	+2	1.01 Close
Teat Length	-2	+2	-0.85 Short
Rear Teat Pl.	-2	+2	1.04 Close
Teat Position S	-2	+2	0.51 Apart
Locomotion	-2	+2	0.85 Excellent
Body Condition	-2	+2	-1.56 Poor

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CDF, CMF, FMS, TMR, PTAT, CDF, LPI, DDA, TMR is a registered trademark of Holstein USA.

NAAB: 551H005397 / AICode: H08001
 HBN: H0840003260127133 / Source: AHDB GBR
 Breeder: Genosource, US / Photo Credit: Frank Robinson

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

Sire: Siemers Roztac by Zaserilla
 Dam: Genosource Dru 49204 by Captain
 MGD: Genosource Dreaming Big EX90 by Dynamo

Production Data	AHDB	
£PLI	£721	66%R
Milk	886 kg	73%R
Fat	42.3 kg	0.07 %
Protein	36.7 kg	0.08 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data	AHDB	
Fertility Index	-4	Non-Improver
Lifespan (days)	79	Improver
Direct Calving Ease	-0.8	Harder
Maternal Calving Ease	0.8	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	2.1	Improver
Somatic Cell Count	-12	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	0.0	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.39	Faster
Temperament	0.03	Curious
Maintenance (kg)	-9	Compact
TB Advantage	1.4	Improver
HealthyCow	92	Improver
EnviroCow	3.8	Improver

Additional Indices		
TPI®	3244	EcoFeed Hfr 99
NM\$	\$1123	EcoFeed Cow 101
PTAT	2.88	RoboticCow 5.9
LPI	3575	Conformation +4

Milk Proteins		
Kappa Casein	AB	Beta Casein A2A2

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Web Portal	✓	✓
Chromosomal Mating	✓	✓
EcoFeed & RoboticCow	✓	✓
Milk Proteins (Kappa & Beta)	✓	✓
Calf Recumbency (MWT)	✓	✓
Genetic Conditions (HCD)	✗	✓
Haplotypes (HH1-6)	✗	✓
Polled Test	✓	✓
Red Test	✗	✓



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SANDY-VALLEY EL GRANDE

Parfect x Legacy x Rubicon



Photo Caption: Sandy-Valley El Grande

NAAB: 515H000431 / AI Code: H07586
 HBN: H0840003231725213 / Source: AHDB GBR
 Breeder: D P F & G Bauer, US / Photo Credit: Patty Jones

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

Sire: Siemers Rengd Parfect by Renegade
 Dam: Sandy-Valley Surreal VG85 by Legacy
 MGD: Sandy-Valley Eternity EX92 by Rubicon

Production Data		
£PLI	£519	67%R
Milk	681 kg	73%R
Fat	32.4 kg	0.06 %
Protein	22.0 kg	-0.01 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	2.1	Improver
Lifespan (days)	95	Improver
Direct Calving Ease	0.1	Easier
Maternal Calving Ease	0.8	Easier
Gestation Length (days)	1	Longer
Calf Survival	0.9	Improver
Somatic Cell Count	-7	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	0.7	Improver
Digital Dermatitis	0.0	Improver
Milking Speed	1.94	Faster
Temperament	0.09	Curious
Maintenance (kg)	3	Sizeable
TB Advantage	1.1	Improver
HealthyCow	121	Improver
EnviroCow	2.6	Improver

Additional Indices

TPI®	2939	EcoFeed Hfr	94
NM\$	\$921	EcoFeed Cow	91
PTAT	1.98	RoboticCow	5.8
LPI	3401	Conformation	+6

Milk Proteins

Kappa Casein	BE	Beta Casein	A1A2
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Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.90	Excellent
Mammary					1.51	Excellent
Legs + Feet					0.99	Excellent
Stature					-0.19	Short
Chest Width					1.14	Wide
Body Depth					0.64	Deep
Rib Structure					1.49	Open
Rump Angle					-0.14	High Pins
Rump Width					2.19	Wide
Rear Legs SV					0.71	Sickled
Foot Angle					-0.23	Low
Fore Udder Att.					0.91	Strong
Rear Udder Ht.					1.31	High
Udder Support					0.97	Strong
Udder Depth					0.24	Shallow
Front Teat Pl.					0.65	Close
Teat Length					-0.62	Short
Rear Teat Pl.					0.89	Close
Teat Position S					0.91	Apart
Locomotion					0.93	Excellent
Body Condition					0.05	Excellent

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPB\$, PTAT, CDDC, LPI, CDM, TPB in registered trademark of Holstein USA.

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COGENT EMERSON-RED

Crisalis x Hawai x Argo



Photo Caption: Cogent Emerson Red

NAAB: 522H005076 / AI Code: H07435
 HBN: H0GBR728173100213 / Source: AHDB GBR
 Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

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

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

Production Data		
£PLI	£532	65%R
Milk	583 kg	72%R
Fat	20.9 kg	-0.03 %
Protein	21.5 kg	0.03 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	9.2	Improver
Lifespan (days)	119	Improver
Direct Calving Ease	0.3	Easier
Maternal Calving Ease	1.0	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	0.8	Improver
Somatic Cell Count	-14	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.0	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	-0.55	Slower
Temperament	-0.45	Standoffish
Maintenance (kg)	5	Sizeable
TB Advantage	1.8	Improver
HealthyCow	204	Improver
EnviroCow	2.5	Improver

Additional Indices

TPI®	2640	EcoFeed Hfr	89
NM\$	\$602	EcoFeed Cow	94
PTAT	1.36	RoboticCow	4.3
LPI	3457	Conformation	+5

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.06	Excellent
Mammary					1.39	Excellent
Legs + Feet					0.46	Excellent
Stature					0.32	Tall
Chest Width					0.49	Wide
Body Depth					0.47	Deep
Rib Structure					0.46	Open
Rump Angle					-0.96	High Pins
Rump Width					1.78	Wide
Rear Legs SV					0.82	Sickled
Foot Angle					0.12	Steep
Fore Udder Att.					0.86	Strong
Rear Udder Ht.					1.38	High
Udder Support					0.76	Strong
Udder Depth					0.92	Shallow
Front Teat Pl.					1.69	Close
Teat Length					0.78	Long
Rear Teat Pl.					0.19	Close
Teat Position S					-0.34	Close
Locomotion					0.62	Excellent
Body Condition					-0.76	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPB\$, PTAT, CDDC, LPI, CDM, TPB in registered trademark of Holstein USA.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

SANDY-VALLEY EQ

Renegade x Frazzled x Modesty



Photo Caption: Sandy-Valley EQ

NAAB: 515H000386 / AICode: H07196
 HBN: H0840003209481288 / Source: AHDB GBR
 Breeder: D P F & G Bauer, US / Photo Credit: Patty Jones
 BYF CDF CLF CNF CVF DPF MWT
 HH1T HH2T HH3T HH4T HH5T HH6T
 Sire: S-S-I PR Renegade by JAltaOak
 Dam: Sandy-Valley Ecstasy VG87 by Frazzled
 MGD: Sandy-Valley Eden GP83-2yr by Modesty

Production Data		
£PLI	£566	68%R
Milk	733 kg	74%R
Fat	37.0 kg	0.08 %
Protein	25.1 kg	0.01 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	3.9	Improver
Lifespan (days)	49	Improver
Direct Calving Ease	-0.2	Harder
Maternal Calving Ease	1.3	Easier
Gestation Length (days)	1	Longer
Calf Survival	2.4	Improver
Somatic Cell Count	-1	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.5	Improver
Digital Dermatitis	0.3	Improver
Milking Speed	0.56	Faster
Temperament	-0.31	Standoffish
Maintenance (kg)	9	Sizeable
TB Advantage	1.3	Improver
HealthyCow	123	Improver
EnviroCow	2.4	Improver

Additional Indices

TPI®	2864	EcoFeed Hfr	102
NM\$	\$805	EcoFeed Cow	104
PTAT	1.29	RoboticCow	6.2
LPI	3437	Conformation	+6

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Type Data

Type	Value	Rank
Type Merit	1.15	Excellent
Mammary	1.32	Excellent
Legs + Feet	0.94	Excellent
Stature	0.41	Tall
Chest Width	1.00	Wide
Body Depth	-0.53	Shallow
Rib Structure	0.04	Open
Rump Angle	-0.04	High Pins
Rump Width	0.78	Wide
Rear Legs SV	0.43	Sickled
Foot Angle	0.11	Steep
Fore Udder Att.	1.31	Strong
Rear Udder Ht.	0.92	High
Udder Support	-0.24	Broken
Udder Depth	0.94	Shallow
Front Teat Pl.	-0.34	Apart
Teat Length	0.98	Long
Rear Teat Pl.	-0.27	Apart
Teat Position S	0.43	Apart
Locomotion	0.97	Excellent
Body Condition	1.01	Excellent

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPB, PFA, CDS, LPI, COM, TPB is registered trademark of Holstein USA.

CEDARWAL EVERLAST PP

Augustus P Red x Limelight P x Bight P



Photo Caption: Cedarwal Everlast PP

NAAB: 551H005015 / AICode: H07592
 HBN: HOCAN00013185535 / Source: AHDB GBR
 Breeder: Cedarwal Farms, CA / Photo Credit: Patty Jones
 BYF CDF CLF CNF CVF DPF POS RDC MWT
 HH1T HH2T HH3T HH4T HH5T HH6T
 Sire: Drouner K&L Augustus P Red by Voltaire P
 Dam: Vogue Limelight Ever-After PP GP84-2yr by Limelight P
 MGD: Vogue Bight Allie P VG87 by Bight P

Production Data		
£PLI	£548	66%R
Milk	372 kg	72%R
Fat	25.7 kg	0.12 %
Protein	25.4 kg	0.15 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	1.2	Improver
Lifespan (days)	61	Improver
Direct Calving Ease	0.6	Easier
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	1.1	Improver
Somatic Cell Count	-12	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.9	Improver
Digital Dermatitis	0.7	Improver
Milking Speed	-0.14	Slower
Temperament	0.09	Curious
Maintenance (kg)	3	Sizeable
TB Advantage	1.3	Improver
HealthyCow	125	Improver
EnviroCow	2.4	Improver

Additional Indices

TPI®	2700	EcoFeed Hfr	95
NM\$	\$678	EcoFeed Cow	92
PTAT	1.23	RoboticCow	4.5
LPI	3398	Conformation	+5

Milk Proteins

Kappa Casein	BB	Beta Casein	A1A2
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Type Data

Type	Value	Rank
Type Merit	1.64	Excellent
Mammary	1.26	Excellent
Legs + Feet	1.50	Excellent
Stature	0.22	Tall
Chest Width	0.42	Wide
Body Depth	0.41	Deep
Rib Structure	1.03	Open
Rump Angle	1.20	Sloped
Rump Width	0.92	Wide
Rear Legs SV	0.00	Straight
Foot Angle	0.79	Steep
Fore Udder Att.	1.63	Strong
Rear Udder Ht.	1.44	High
Udder Support	0.25	Strong
Udder Depth	0.50	Shallow
Front Teat Pl.	0.79	Close
Teat Length	-1.41	Short
Rear Teat Pl.	1.19	Close
Teat Position S	-0.27	Close
Locomotion	1.18	Excellent
Body Condition	-0.26	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPB, PFA, CDS, LPI, COM, TPB is registered trademark of Holstein USA.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

SIEMERS LAMBDA

HANIKO

Lambda x Monterey x Mogul



Photo Caption: Daughter of Haniko, Mattenhof Haniko Horsika VG85-2yr

NAAB: 288H000216 / AICode: H05811
 HBN: H0840003144882592 / Source: AHDB ITB
 Breeder: Siemers Holsteins, US / Photo Credit: Cybil Fisher

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

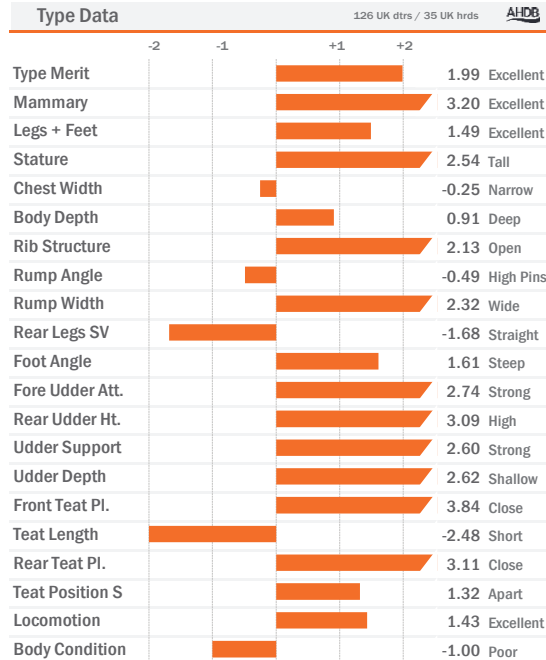
Sire: Farnear Delta-Lambda by Delta
 Dam: Siemers Monterey Hanika VG86 by Monterey
 MGD: Cookiecutter Mog Hanker EX94 by Mogul

Production Data			AHDB
£PLI	£273	92%R	
Milk	386 kg	98%R	
Fat	18.0 kg	0.03 %	
Protein	17.9 kg	0.06 %	
UK & Intl Dtrs	155 / 42	1439 / 564	
	<small>UK Dtrs/Hrds</small>	<small>Intl Dtrs/Hrds</small>	

Health + Management Data			AHDB
Fertility Index	-3.6	Non-Improver	
Lifespan (days)	40	Improver	
Direct Calving Ease	-0.6	Harder	
Maternal Calving Ease	0.5	Easier	
Gestation Length (days)	0	Shorter	
Calf Survival	0.9	Improver	
Somatic Cell Count	1	Non-Improver	
Mastitis Resistance (%)	2	Non-Improver	
Lameness Advantage	2.1	Improver	
Digital Dermatitis	0.6	Improver	
Milking Speed	1.36	Faster	
Temperament	2.07	Curious	
Maintenance (kg)	18	Sizeable	
TB Advantage	7.4	Improver	
HealthyCow	51	Improver	
EnviroCow	1.1	Improver	

Additional Indices			
TPI®	2588	EcoFeed Hfr	-
NM\$	\$381	EcoFeed Cow	-
PTAT	3.48	RoboticCow	-
LPI	3098	Conformation	+9

Milk Proteins			
Kappa Casein	BE	Beta Casein	A1A1



SJK HELIUM

Topstone x Blowtorch x Delta



Photo Caption: SJK Helium

NAAB: 522H004496 / AICode: H06670
 HBN: H0NLD000642467753 / Source: AHDB GBR
 Breeder: S.J Kat Holsteins, NL / Photo Credit: Jane Steel

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

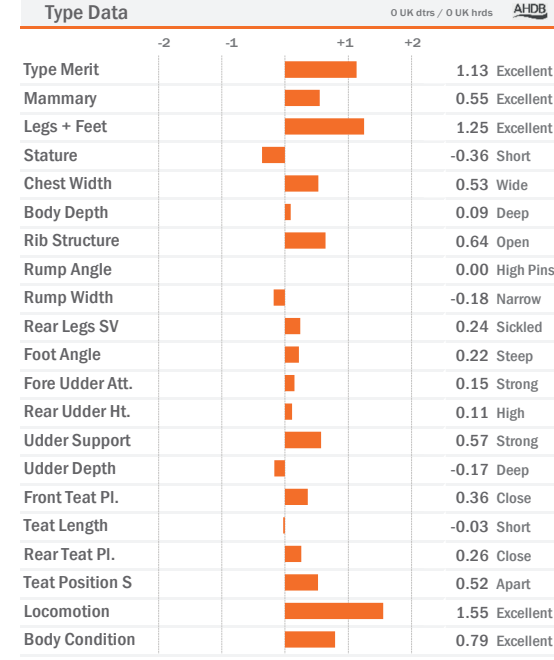
Sire: Topstone by Topshot
 Dam: Primeval Genetics 1372 VG86-2yr by Blowtorch
 MGD: A-L-H Delta Helios VG86 by Delta

Production Data			AHDB
£PLI	£714	67%R	
Milk	584 kg	73%R	
Fat	31.5 kg	0.09 %	
Protein	27.0 kg	0.09 %	
UK & Intl Dtrs	0 / 0	0 / 0	
	<small>UK Dtrs/Hrds</small>	<small>Intl Dtrs/Hrds</small>	

Health + Management Data			AHDB
Fertility Index	8.5	Improver	
Lifespan (days)	122	Improver	
Direct Calving Ease	0.1	Easier	
Maternal Calving Ease	0.5	Easier	
Gestation Length (days)	-2	Shorter	
Calf Survival	0.9	Improver	
Somatic Cell Count	-23	Improver	
Mastitis Resistance (%)	-3	Improver	
Lameness Advantage	1.9	Improver	
Digital Dermatitis	0.5	Improver	
Milking Speed	-0.41	Slower	
Temperament	-0.05	Standoffish	
Maintenance (kg)	-1	Compact	
TB Advantage	0.7	Improver	
HealthyCow	239	Improver	
EnviroCow	3.1	Improver	

Additional Indices			
TPI®	2828	EcoFeed Hfr	94
NM\$	\$825	EcoFeed Cow	110
PTAT	0.87	RoboticCow	3.5
LPI	3502	Conformation	+2

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2



Proof Source: April 2024, UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

Proof Source: April 2024, UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International: NM\$, CM\$, FM\$, PM\$, PTAT, CDS\$, LPI, CDM, TPI® is registered trademark of Holstein USA.

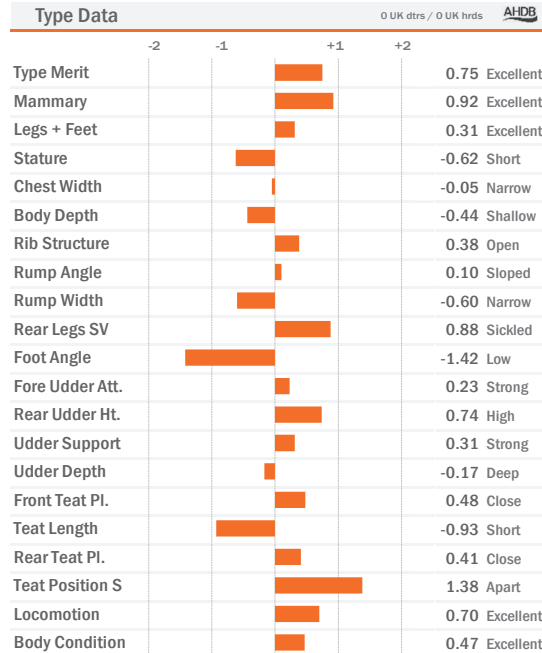
RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

DG HIGGS P

Monument-P x Charl x Imax



Photo Caption: DG Higgs P



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International: NM\$, CM\$, FM\$, TPI\$, PFI\$, CCSI\$, LPI\$, CDI\$, TPIB in registered trademarks of Holstein USA.

NAAB: 522H005003 / AI Code: H07312
 HBN: HODEU001406512635 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Eurogenes

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

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

Production Data			AHDB
£PLI	£653	67%R	
Milk	692 kg	74%R	
Fat	40.5 kg	0.14 %	
Protein	28.8 kg	0.07 %	
UK & Intl Dtrs	0 / 0	0 / 0	

Health + Management Data

Health + Management Data			AHDB
Fertility Index	-1	Non-Improver	
Lifespan (days)	79	Improver	
Direct Calving Ease	-0.7	Harder	
Maternal Calving Ease	0.0	Harder	
Gestation Length (days)	0	Shorter	
Calf Survival	1.6	Improver	
Somatic Cell Count	-7	Improver	
Mastitis Resistance (%)	-1	Improver	
Lameness Advantage	2.1	Improver	
Digital Dermatitis	0.6	Improver	
Milking Speed	0.29	Faster	
Temperament	0.04	Curious	
Maintenance (kg)	-7	Compact	
TB Advantage	1.9	Improver	
HealthyCow	91	Improver	
EnviroCow	3.4	Improver	

Additional Indices

TPI®	2920	EcoFeed Hfr	98
NM\$	\$1005	EcoFeed Cow	97
PTAT	0.94	RoboticCow	5.3
LPI	3348	Conformation	-3

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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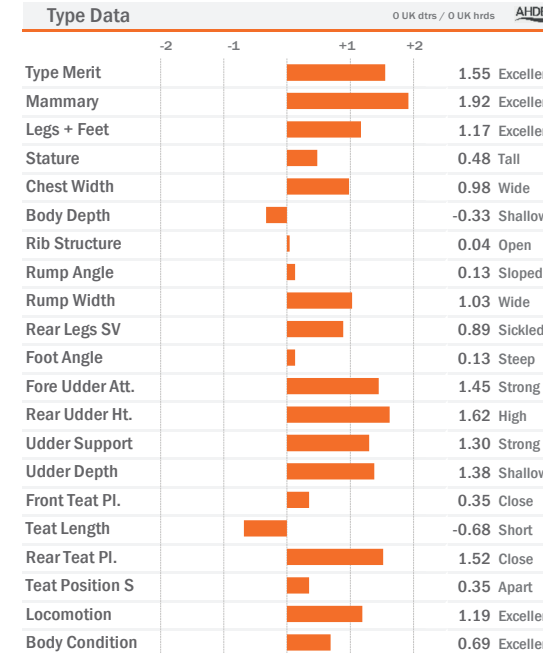
RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

STGEN MIAMI IKON

Miami x Medley x Frazzled



Photo Caption: STGEN Miami Ikon



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International: NM\$, CM\$, FM\$, TPI\$, PFI\$, CCSI\$, LPI\$, CDI\$, TPIB in registered trademarks of Holstein USA.

NAAB: 551H004665 / AI Code: H07342
 HBN: H0840003213126022 / Source: AHDB GBR
 Breeder: STGenetics, US. / Photo Credit: Frank Robinson

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

Sire: Famear Miami by Nightcap
 Dam: SDG 2960 Medley 4314 by Medley
 MGD: Simple-Dreams 1632 F2960 VG85 by Frazzled

Production Data			AHDB
£PLI	£622	67%R	
Milk	619 kg	73%R	
Fat	27.4 kg	0.03 %	
Protein	24.3 kg	0.04 %	
UK & Intl Dtrs	0 / 0	0 / 0	

Health + Management Data

Health + Management Data			AHDB
Fertility Index	7.4	Improver	
Lifespan (days)	122	Improver	
Direct Calving Ease	0.9	Easier	
Maternal Calving Ease	0.8	Easier	
Gestation Length (days)	-1	Shorter	
Calf Survival	0.9	Improver	
Somatic Cell Count	-26	Improver	
Mastitis Resistance (%)	-2	Improver	
Lameness Advantage	2.3	Improver	
Digital Dermatitis	0.6	Improver	
Milking Speed	-0.21	Slower	
Temperament	0.54	Curious	
Maintenance (kg)	10	Sizeable	
TB Advantage	3.0	Improver	
HealthyCow	252	Improver	
EnviroCow	2.4	Improver	

Additional Indices

TPI®	2922	EcoFeed Hfr	104
NM\$	\$879	EcoFeed Cow	109
PTAT	1.43	RoboticCow	5.0
LPI	3425	Conformation	+3

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

GENOSOURCE ILLUSION

Bigshot x Guzman x Dynamo



NAAB: 551H004936 / AICode: H07588
 HBN: H0840003233645748 / Source: AHDB GBR
 Breeder: Genosource, US / Photo Credit: Beth Herges

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

Sire: T-Spruce Renegade Bigshot by Renegade
 Dam: Genosource Daydream 46553 by Guzman
 MGD: Genosource Dreaming Big EX90 by Dynamo

Production Data		AHDB
£PLI	£760	67%R
Milk	1168 kg	73%R
Fat	50.4 kg	0.04 %
Protein	36.9 kg	-0.02 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	1.4	Improver
Lifespan (days)	64	Improver
Direct Calving Ease	-0.5	Harder
Maternal Calving Ease	0.2	Easier
Gestation Length (days)	1	Longer
Calf Survival	1.3	Improver
Somatic Cell Count	-5	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	2.1	Improver
Digital Dermatitis	0.5	Improver
Milking Speed	0.38	Faster
Temperament	-0.20	Standoffish
Maintenance (kg)	-10	Compact
TB Advantage	1.1	Improver
HealthyCow	103	Improver
EnviroCow	3.8	Improver

Additional Indices

TPI®	3005	EcoFeed Hfr	100
NM\$	\$1057	EcoFeed Cow	123
PTAT	1.08	RoboticCow	5.9
LPI	3648	Conformation	+1

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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GENOSOURCE JACK DANIELS

Hannity x Captain x Lionel



NAAB: 551H005238 / AICode: H08003
 HBN: H0840003260126888 / Source: AHDB GBR
 Breeder: Genosource, US / Photo Credit:

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

Sire: AOT Lariat Hannity by Lariat
 Dam: T-Spruce Jaela 47718 by Captain
 MGD: T-Spruce Lionel 13196 by Lionel

Production Data		AHDB
£PLI	£828	66%R
Milk	832 kg	73%R
Fat	52.5 kg	0.21 %
Protein	35.4 kg	0.09 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	4.4	Improver
Lifespan (days)	73	Improver
Direct Calving Ease	-0.1	Harder
Maternal Calving Ease	0.1	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	1.6	Improver
Somatic Cell Count	-22	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	0.4	Improver
Digital Dermatitis	0.0	Improver
Milking Speed	-0.11	Slower
Temperament	0.52	Curious
Maintenance (kg)	-4	Compact
TB Advantage	0.5	Improver
HealthyCow	160	Improver
EnviroCow	4	Improver

Additional Indices

TPI®	3196	EcoFeed Hfr	90
NM\$	\$1170	EcoFeed Cow	94
PTAT	1.64	RoboticCow	4.9
LPI	3826	Conformation	+3

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Photo Caption: Dam of Illusion, Genosource Dreaming Big EX90

Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.21	Excellent
Mammary					0.66	Excellent
Legs + Feet					1.39	Excellent
Stature					-0.68	Short
Chest Width					-0.27	Narrow
Body Depth					-0.76	Shallow
Rib Structure					0.96	Open
Rump Angle					-0.34	High Pins
Rump Width					0.69	Wide
Rear Legs SV					0.52	Sickled
Foot Angle					-0.28	Low
Fore Udder Att.					-0.40	Weak
Rear Udder Ht.					0.83	High
Udder Support					0.63	Strong
Udder Depth					-0.44	Deep
Front Teat Pl.					0.24	Close
Teat Length					-0.89	Short
Rear Teat Pl.					0.71	Close
Teat Position S					0.97	Apart
Locomotion					1.34	Excellent
Body Condition					-0.40	Poor

Proof Source: April 2024. UK Production, Health and Reproduction. AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPI®, PTAT, CDCB, LPI, CDF, TPI® is registered trademark of Holstein USA.



Photo Caption: Sire of Jack Daniels, AOT Lariat Hannity.

Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.13	Excellent
Mammary					1.40	Excellent
Legs + Feet					0.03	Excellent
Stature					0.38	Tall
Chest Width					-0.67	Narrow
Body Depth					-0.12	Shallow
Rib Structure					1.99	Open
Rump Angle					0.37	Sloped
Rump Width					1.02	Wide
Rear Legs SV					0.93	Sickled
Foot Angle					-0.63	Low
Fore Udder Att.					0.74	Strong
Rear Udder Ht.					2.21	High
Udder Support					0.39	Strong
Udder Depth					0.37	Shallow
Front Teat Pl.					0.09	Close
Teat Length					-0.55	Short
Rear Teat Pl.					-0.11	Apart
Teat Position S					0.88	Apart
Locomotion					-0.05	Poor
Body Condition					-1.80	Poor

Proof Source: April 2024. UK Production, Health and Reproduction. AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPI®, PTAT, CDCB, LPI, CDF, TPI® is registered trademark of Holstein USA.

THE TRAIT LEADERS | APRIL 2024

£PLI			MILK			FAT KG			PROTEIN KG			CFP		
1	DG PEACE	908	1	GENOSOURCE CAPTAIN	1187	1	OCD THORSON DARTH VADER	57.1	1	DG PEACE	41.3	1	OCD THORSON DARTH VADER	94.6
2	GENOSOURCE MAUI	880	2	GENOSOURCE CAP JERICK	1178	2	T-SPRUCE GAMEON	53.2	2	COGENT CARTELL	39.4	2	DG PEACE	88.2
3	GENOSOURCE CAPTAIN	874	3	GENOSOURCE ILLUSION	1168	3	GENOSOURCE JACK DANIELS	52.5	3	PINE-TREE GS CRUZER	37.7	3	GENOSOURCE JACK DANIELS	87.9
4	DG SPACE	873	4	OCD THORSON DARTH VADER	1122	4	STGEN COWEN THORSON	52.2	4	GENOSOURCE CAPTAIN	37.6	4	GENOSOURCE ILLUSION	87.3
5	DG DILLON	868	5	COGENT CARTELL	1104	5	GENOSOURCE JUJITSU	51.7	5	OCD THORSON DARTH VADER	37.5	5	GENOSOURCE CAPTAIN	87.1
6	COGENT KOEPON ROCKY	865	6	DG PEACE	1080	6	STGEN CAP COSTEAU	51.5	6	COGENT KOEPON ROCKY	37.4	6	COGENT CARTELL	85.3
7	PINE-TREE GS CRUZER	839	7	PINE-TREE GS CRUZER	1079	7	GENOSOURCE DIVERGENCE	50.6	7	GENOSOURCE ILLUSION	36.9	7	STGEN CAP COSTEAU	84.9
8	GENOSOURCE SECURITY	839	8	STGEN MYT JOBIN	1073	8	GENOSOURCE ILLUSION	50.4	8	SJK MONROE	36.7	8	STGEN COWEN THORSON	84.5
9	COGENT CARTELL	838	9	STGEN CAP COSTEAU	1067	9	GENOSOURCE SHERIFF	49.6	9	COGENT KOEPON RAZOR	36.7	9	SJK MONROE	84.4
10	GENOSOURCE JACK DANIELS	828	10	GENOSOURCE SHERIFF	1044	10	GENOSOURCE CAPTAIN	49.5	10	GENOSOURCE DRUMROLL	36.7	10	STGEN CHEESE REMY	83.8

FERTILITY			FAT %			PROTEIN %			ECOFEEED HEIFER			ECOFEEED COW		
1	STGEN HEIR XEROX	13.1	1	COGENT B CRUSADE	0.41	1	COGENT ZULU	0.26	1	R DG ALADDIN RED	114	1	GENOSOURCE ILLUSION	123
2	COGENT B WALLACE	11.8	2	COGENT ZULU	0.40	2	HAILSTONE PP	0.16	2	BOGHILL GLAMOUR SANTOS	107	2	COGENT B ROLLER	121
3	DG JIMBO	11.6	3	KOEPON CHARMER	0.34	3	CEDARWAL EVERLAST-PP	0.15	3	SDG-PH DELUX DOMINANCE	106	3	DG OH DONTE	118
4	NORTONHILL SUMERIAN	11.5	4	STGEN COWEN THORSON	0.28	4	NORTONHILL R2 D2	0.14	4	COGENT ZODIAC	106	4	EDG RUBICON	117
5	COGENT B ASPIRE	10.8	5	BOGHILL GLAMOUR SANTOS	0.28	5	COGENT B CRUSADE	0.13	5	STGEN MYT JOBIN	105	5	STGEN MYT JOBIN	116
6	PINE-TREE GARD JACKO	10.6	6	TIRSVAD ZAZZLE MONACO	0.27	6	COGENT B ASPIRE	0.13	6	PINE-TREE GARD JACKO	105	6	SIEMERS AUSTD PAULY	115
7	GENOSOURCE SECURITY	10.6	7	GENOSOURCE SECURITY	0.26	7	DGF CASIMIR	0.13	7	CYCLE MCGUCCI JORDY RED	105	7	DG JIMBO	115
8	DG HS NIXON	10.3	8	PINE-TREE GARD JACKO	0.23	8	TIRSVAD ZAZZLE MONACO	0.12	8	COGENT B ROLLER	104	8	BOGHILL GLAMOUR CAPTIVATE	115
9	OCD GOKU ROCHESTER	10.0	9	SDG-PH DELUX DOMINANCE	0.22	9	KOEPON CHARMER	0.11	9	STGEN MIAMI IKON	104	9	GENOSOURCE SECURITY	114
10	DG SPACE	9.3	10	NORTONHILL SUMERIAN	0.22	10	STGEN COWEN THORSON	0.11	10	COGENT ZULU	104	10	OCD GOKU ROCHESTER	113

TYPE MERIT			MAMMARY			PTAT (US)			TPI®			NM\$		
1	STANTONS RIGHT STUFF PP	2.71	1	DG BLACKBURN	3.36	1	FARNEAR AIRCRAFT	3.76	1	OCD THORSON DARTH VADER	3342	1	OCD THORSON DARRTH VADER	1482
2	DG ALVIN RC	2.64	2	SIEMERS LAMBDA HANIKO	3.20	2	DG BLACKBURN	3.65	2	GENOSOURCE CAPTAIN	3287	2	GENOSOURCE CAPTAIN	1375
3	DG BLACKBURN	2.54	3	MR AIJA AXL HATCHET	3.09	3	SIEMERS LAMBDA HANIKO	3.48	3	GENOSOURCE DRUMROLL	3244	3	GENOSOURCE MAUI	1327
4	DG PROTON	2.30	4	DG ALVIN RC	2.81	4	GENOSOURCE LIQUID COURAGE	3.41	4	OCD FUGLEMAN RAD	3229	4	STGEN COWEN THORSON	1284
5	GENOSOURCE JOHNBOY	2.16	5	VOGUE A2P2-PP	2.76	5	LADYS LAMBDA JERRY LEWIS	3.21	5	GENOSOURCE MAUI	3227	5	GENOSOURCE JUJITSU	1259
6	MYSTIQUE AMBITION	2.03	6	FARNEAR AIRCRAFT	2.71	6	EBA DAVINCI	3.12	6	DG TIQ TAQ	3218	6	SDG-PH DELUX DOMINANCE	1252
7	EDG RUBICON	2.02	7	GENOSOURCE DRUMROLL	2.71	7	CYCLE MCGUCCI JORDY RED	2.95	7	GENOSOURCE JACK DANIELS	3196	7	GENOSOURCE DIVERGENCE	1249
8	SIEMERS LAMBDA HANIKO	1.99	8	FARNEAR DELTA-LAMBDA	2.62	8	DG NH ARROW	2.90	8	DG STEWART	3190	8	DG TIQ TAQ	1241
9	VOGUE A2P2-PP	1.98	9	DG PROTON	2.60	9	GENOSOURCE DRUMROLL	2.88	9	DG SPACE	3186	9	OCD FUGLEMAN RAD	1226
10	FARNEAR AIRCRAFT	1.96	10	ECLIPSE MILIO	2.54	10	DG ALVIN RC	2.83	10	STGEN COWEN THORSON	3182	10	DG PEACE	1198

ROBOTIC COW INDEX

The Essence of RCI: Developed by the STgenetics® group, RCI is a groundbreaking tool specifically for Robotic Milking Systems, crafted from over one million daily milking records. It's the key to unlocking a cow's genetic potential for robotic milking.

The right genetics mean cows are naturally suited for robotic milking, from teat placement to calm milking behavior, ensuring smooth operations and more milk per day.

Data-Driven Breeding: Through extensive research, STgenetics® has pinpointed key genetic markers for traits like Milking Speed and Box Time, leading to cows that thrive in robotic systems and boost farm efficiency.

RCI Benefits: It combines crucial genetic traits for robotic milking, guiding breeders towards cows that excel in automated environments, enhancing productivity and sustainability.

Future Forward: With RCI, embrace genetics that match the innovation of Robotic Milking Systems, paving the way for a more efficient, animal-friendly, and productive dairy farming future.

>4 YEARS of data collected by STgenetics® | **>1,000,000** daily milking records

KEY INFO: ANYTHING OVER +5.0 WILL BE ASSIGNED ROBOT READY**

MILKING SPEED

The total pounds of milk produced per minute. Indicates how efficiently a cow milks out and is calculated as the total milk yield divided by total milking time, based on direct Robotic Milking data.

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

Average: 7.2 lbs/min
Std Dev of 1.24 lbs/min

BOX TIME

The time spent in the robot, between entrance and exit of a cow in the milking box. The time needed for identification, milking time, preparation or treatment time.

Box Time = Minutes per visit to the box

Average: 7.6 min/visit
Std Dev of 1.0 min/visit

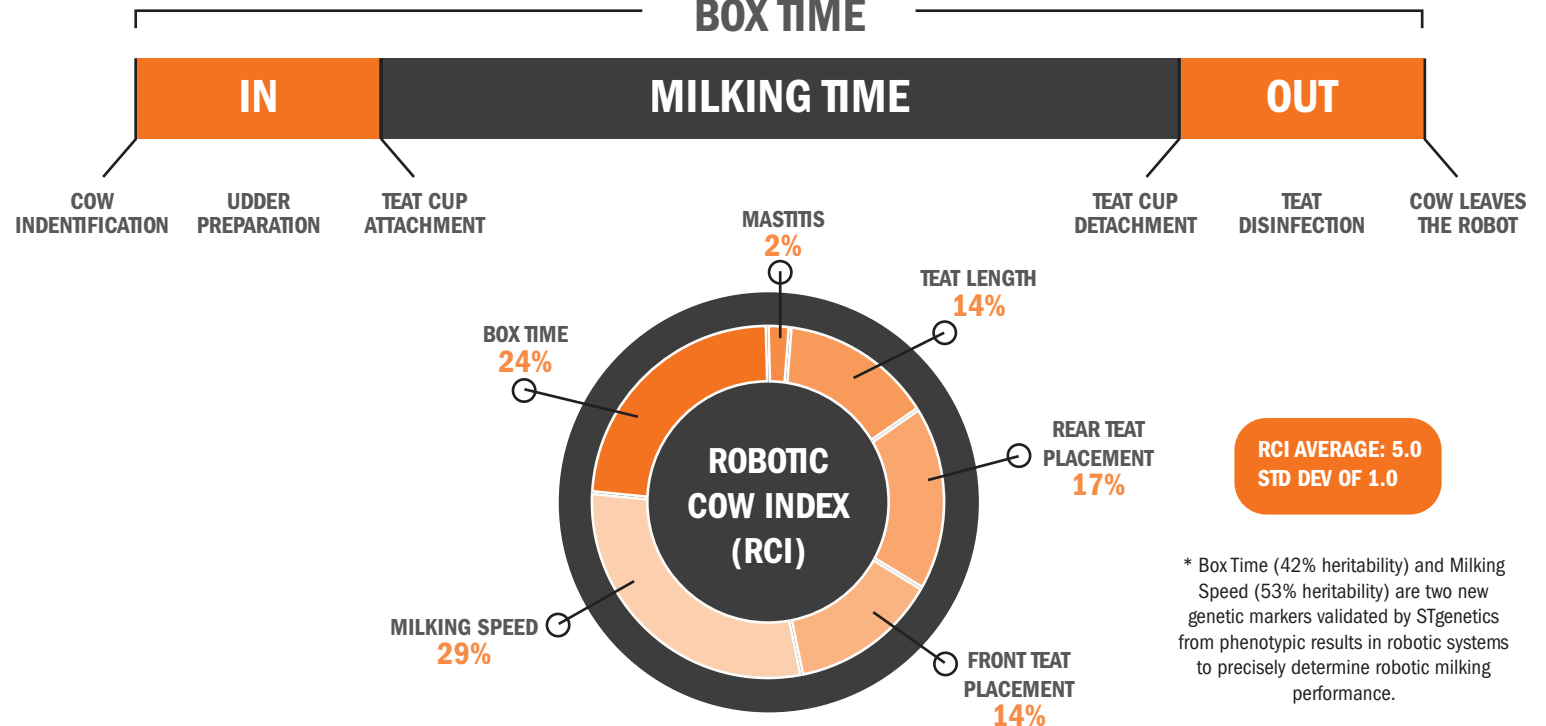
EFFECTIVE MILKING SPEED

The total pounds of milk produced per minute of box time. It measures how efficient the cow is when visiting the milking robot, thus directly impacting the capacity of the milking robot.

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

Average: 4.4 lbs/min
Std Dev of 0.54 lbs/min

BOX TIME



* 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.



**4 MILLION
SPERM CELLS
PER STRAW**



**+3%
CONCEPTION
RATE GAIN**



**96-97%
GENDER
ACCURACY**

The cogent *difference*



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FIND OUT MORE



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.



PINE-TREE GARD JACKO

Gardner x Pursuit x Dynasty



Photo Caption: Pine-Tree G Jacko

NAAB: 551H005067 / AI Code: H07730
 HBN: H0840003231545590 / Source: AHDB GBR
 Breeder: M Steiner, US / Photo Credit: Patty Jones

BYF CDF CLF CNF CVF DPF MWT
 HH 1T HH2T HH3T HH4T HH5T HH6T

Sire: Pine-Tree Gardner by Heroic
 Dam: Westcoast Prsuit Abyss 9344 by Pursuit
 MGD: Farnear Dynasty Abyss by Dynasty

Production Data		
£PLI	£668	66%R
Milk	383 kg	73%R
Fat	35.4 kg	0.23 %
Protein	20.6 kg	0.09 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	10.6	Improver
Lifespan (days)	162	Improver
Direct Calving Ease	0.3	Easier
Maternal Calving Ease	0.9	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	1.1	Improver
Somatic Cell Count	-10	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	2.7	Improver
Digital Dermatitis	0.8	Improver
Milking Speed	0.55	Faster
Temperament	-0.02	Standoffish
Maintenance (kg)	1	Sizeable
TB Advantage	1.6	Improver
HealthyCow	244	Improver
EnviroCow	3.1	Improver

Additional Indices

TPI®	2936	EcoFeed Hfr	105
NM\$	\$956	EcoFeed Cow	104
PTAT	0.91	RoboticCow	6.2
LPI	3683	Conformation	+5

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.30	Excellent
Mammary					0.96	Excellent
Legs + Feet					1.56	Excellent
Stature					-0.06	Short
Chest Width					0.31	Wide
Body Depth					-0.61	Shallow
Rib Structure					0.12	Open
Rump Angle					1.05	Sloped
Rump Width					1.12	Wide
Rear Legs SV					0.04	Sickled
Foot Angle					-0.13	Low
Fore Udder Att.					0.41	Strong
Rear Udder Ht.					0.51	High
Udder Support					0.67	Strong
Udder Depth					0.72	Shallow
Front Teat Pl.					0.69	Close
Teat Length					0.78	Long
Rear Teat Pl.					0.35	Close
Teat Position S					0.12	Apart
Locomotion					1.83	Excellent
Body Condition					0.10	Excellent

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International: NM\$, CM\$, FM\$, PM\$, TPAT, CPDS, LPI, CDM, TPB in registered trademarks of Holstein USA.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

LADYS LAMBDA JERRY LEWIS

Lambda x Sidekick x Windbrook



Photo Caption: MGD of Jerry Lewis, Idee Windbrook Lynzi EX95

NAAB: 551H005178 / AI Code: H07878
 HBN: H0840003240650309 / Source: AHDB ITB
 Breeder: Genosource, US / Photo Credit: STGenetics

BYF CDF CLF CNF CVF DPF MWT
 HH 1T HH2T HH3T HH4T HH5T HH6T

Sire: Farnear Delta-Lambda by Delta
 Dam: JM Valley Sidekick Lady EX94 by Sidekick
 MGD: Idee Windbrook Lynzi EX95 by Windbrook

Production Data		
£PLI	£337	69%R
Milk	515 kg	73%R
Fat	16.8 kg	-0.04 %
Protein	19.2 kg	0.03 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	-1.6	Non-Improver
Lifespan (days)	15	Improver
Direct Calving Ease	-1.0	Harder
Maternal Calving Ease	0.4	Easier
Gestation Length (days)	1	Longer
Calf Survival	1.0	Improver
Somatic Cell Count	-14	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.2	Improver
Digital Dermatitis	0.3	Improver
Milking Speed	0.57	Faster
Temperament	0.72	Curious
Maintenance (kg)	14	Sizeable
TB Advantage	4.0	Improver
HealthyCow	85	Improver
EnviroCow	1.2	Improver

Additional Indices

TPI®	2689	EcoFeed Hfr	95
NM\$	\$486	EcoFeed Cow	94
PTAT	3.21	RoboticCow	4.8
LPI	3347	Conformation	+13

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.52	Excellent
Mammary					2.45	Excellent
Legs + Feet					0.97	Excellent
Stature					1.74	Tall
Chest Width					0.09	Wide
Body Depth					0.75	Deep
Rib Structure					1.43	Open
Rump Angle					-0.73	High Pins
Rump Width					1.57	Wide
Rear Legs SV					0.63	Sickled
Foot Angle					0.78	Steep
Fore Udder Att.					2.43	Strong
Rear Udder Ht.					2.19	High
Udder Support					1.69	Strong
Udder Depth					1.91	Shallow
Front Teat Pl.					1.82	Close
Teat Length					1.55	Long
Rear Teat Pl.					0.67	Close
Teat Position S					-1.03	Close
Locomotion					0.73	Excellent
Body Condition					-0.31	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

DG JIMBO

Roz x Redrock x Kerrigan



Photo Caption: DG Jimbo

NAAB: 515H000417 / AI Code: H07160
 HBN: HONLD000575218503 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

Sire: Siemers Renegade Arrozo by Renegade
 Dam: PH Jezebel VG86-2yr by Redrock
 MGD: Simple-Dreams Ph Ruw Cookie VG85 by Kerrigan

Production Data		
£PLI	£754	67%R
Milk	962 kg	73%R
Fat	30.5 kg	-0.09 %
Protein	32.7 kg	0.01 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	11.6	Improver
Lifespan (days)	122	Improver
Direct Calving Ease	0.1	Easier
Maternal Calving Ease	1.0	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	1.1	Improver
Somatic Cell Count	-9	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.3	Improver
Digital Dermatitis	0.3	Improver
Milking Speed	0.34	Faster
Temperament	0.00	Standoffish
Maintenance (kg)	-18	Compact
TB Advantage	1.9	Improver
HealthyCow	221	Improver
EnviroCow	3.7	Improver

Additional Indices

TPI®	2872	EcoFeed Hfr	100
NM\$	\$933	EcoFeed Cow	115
PTAT	0.69	RoboticCow	5.0
LPI	3576	Conformation	+3

Milk Proteins

Kappa Casein	BB	Beta Casein	A2A2
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Type Data

Type Data	0 UK dtrs / 0 UK hrs	AHDB
Type Merit	0.80	Excellent
Mammary	1.18	Excellent
Legs + Feet	0.68	Excellent
Stature	-1.27	Short
Chest Width	-0.96	Narrow
Body Depth	-1.62	Shallow
Rib Structure	0.02	Open
Rump Angle	0.27	Sloped
Rump Width	0.02	Wide
Rear Legs SV	-1.22	Straight
Foot Angle	0.53	Steep
Fore Udder Att.	1.29	Strong
Rear Udder Ht.	1.46	High
Udder Support	-0.30	Broken
Udder Depth	0.80	Shallow
Front Teat Pl.	-0.17	Apart
Teat Length	-0.36	Short
Rear Teat Pl.	-0.26	Apart
Teat Position S	0.02	Apart
Locomotion	0.73	Excellent
Body Condition	-0.20	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International: NMS, CMS, FMS, TPI®. PTAT: CDS. LPI: CDM. TPI® is registered trademark of Holstein USA.

STGEN MYT JOBIN

Mytyme x Dedicate x Nightcap



Photo Caption: 7th dam of Jobin, Cookiecutter Gld Holler VG88

NAAB: 551H004984 / AI Code: H08006
 HBN: H0840003213129438 / Source: AHDB GBR
 Breeder: STGenetics, US / Photo Credit: Billy Heath

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

Sire: San-Dan Sahab Mytyme by Sahab
 Dam: Genosource Retain 43464 by Dedicate
 MGD: Genosource Revolt 38595 by Nightcap

Production Data		
£PLI	£792	66%R
Milk	1073 kg	73%R
Fat	37.6 kg	-0.06 %
Protein	35.5 kg	0.00 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	7.3	Improver
Lifespan (days)	107	Improver
Direct Calving Ease	-0.1	Harder
Maternal Calving Ease	0.8	Easier
Gestation Length (days)	0	Shorter
Calf Survival	1.8	Improver
Somatic Cell Count	-17	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	3.4	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	-0.06	Slower
Temperament	0.23	Curious
Maintenance (kg)	-21	Compact
TB Advantage	2.9	Improver
HealthyCow	204	Improver
EnviroCow	3.9	Improver

Additional Indices

TPI®	2991	EcoFeed Hfr	105
NM\$	\$1108	EcoFeed Cow	116
PTAT	0.50	RoboticCow	5.3
LPI	3519	Conformation	+0

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Type Data

Type Data	0 UK dtrs / 0 UK hrs	AHDB
Type Merit	0.48	Excellent
Mammary	0.52	Excellent
Legs + Feet	0.53	Excellent
Stature	-1.18	Short
Chest Width	-1.39	Narrow
Body Depth	-1.85	Shallow
Rib Structure	0.64	Open
Rump Angle	0.08	Sloped
Rump Width	-0.27	Narrow
Rear Legs SV	0.79	Sickled
Foot Angle	-0.31	Low
Fore Udder Att.	-0.34	Weak
Rear Udder Ht.	1.13	High
Udder Support	0.64	Strong
Udder Depth	-0.40	Deep
Front Teat Pl.	-0.35	Apart
Teat Length	0.11	Long
Rear Teat Pl.	1.04	Close
Teat Position S	0.53	Apart
Locomotion	0.73	Excellent
Body Condition	-1.38	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International: NMS, CMS, FMS, TPI®. PTAT: CDS. LPI: CDM. TPI® is registered trademark of Holstein USA.

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GENOSOURCE JOHNBOY

Redrock x Dynamo x Silver



Photo Caption: EDG Genosource 31702 EX90

NAAB: 551H004125 / AICode: H06208
HBN: H0840003200059526 / Source: AHDB ITB
Breeder: Genosource, US / Photo Credit: Frank Robinson

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

Sire: Redrock-View Klutch by Jedi
Dam: Genosource Jamacia 40631 VG87 by Dynamo
MGD: EDG Genosource 31702 EX90 by Silver

Production Data		
£PLI	£654	81%R
Milk	765 kg	86%R
Fat	36.1 kg	0.06 %
Protein	34.4 kg	0.10 %
UK & Intl Dtrs	0 / 0	700 / 204

Health + Management Data

Fertility Index	0.3	Improver
Lifespan (days)	37	Improver
Direct Calving Ease	-0.3	Harder
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	2.7	Improver
Somatic Cell Count	-12	Improver
Mastitis Resistance (%)	1	Non-Improver
Lameness Advantage	0.9	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.44	Faster
Temperament	0.15	Curious
Maintenance (kg)	4	Sizeable
TB Advantage	0.5	Improver
HealthyCow	114	Improver
EnviroCow	2.9	Improver

Additional Indices

TPI®	2830	EcoFeed Hfr	94
NM\$	\$778	EcoFeed Cow	85
PTAT	1.59	RoboticCow	4.7
LPI	3708	Conformation	+11

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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GENOSOURCE JUJITSU

Buxton x Captain x Lionel



Photo Caption: Genosource Jujitsu

NAAB: 551H005128 / AICode: H07999
HBN: H0840003244008937 / Source: AHDB GBR
Breeder: Genosource, US / Photo Credit: Frank Robinson

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

Sire: STGen Nash Buxton by Nashville
Dam: T-Spruce Jaela 47718 by Captain
MGD: T-Spruce Lionel 13196 by Lionel

Production Data		
£PLI	£810	66%R
Milk	809 kg	73%R
Fat	51.7 kg	0.21 %
Protein	30.0 kg	0.04 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	6.3	Improver
Lifespan (days)	92	Improver
Direct Calving Ease	0.6	Easier
Maternal Calving Ease	-0.2	Harder
Gestation Length (days)	-2	Shorter
Calf Survival	1.7	Improver
Somatic Cell Count	-16	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	2.1	Improver
Digital Dermatitis	0.5	Improver
Milking Speed	-0.06	Slower
Temperament	-0.07	Standoffish
Maintenance (kg)	-10	Compact
TB Advantage	1.0	Improver
HealthyCow	190	Improver
EnviroCow	3.9	Improver

Additional Indices

TPI®	3172	EcoFeed Hfr	99
NM\$	\$1259	EcoFeed Cow	111
PTAT	0.84	RoboticCow	5.9
LPI	3690	Conformation	-4

Milk Proteins

Kappa Casein	AA	Beta Casein	A2A2
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Type Data

Type Merit	-2	-1	+1	+2	Value	Category
Type Merit					2.16	Excellent
Mammary					1.97	Excellent
Legs + Feet					1.65	Excellent
Stature					0.33	Tall
Chest Width					0.48	Wide
Body Depth					1.10	Deep
Rib Structure					1.34	Open
Rump Angle					-0.57	High Pins
Rump Width					1.42	Wide
Rear Legs SV					0.94	Sickled
Foot Angle					0.10	Steep
Fore Udder Att.					1.73	Strong
Rear Udder Ht.					1.80	High
Udder Support					1.30	Strong
Udder Depth					0.49	Shallow
Front Teat Pl.					1.47	Close
Teat Length					-0.03	Short
Rear Teat Pl.					0.64	Close
Teat Position S					0.82	Apart
Locomotion					0.94	Excellent
Body Condition					-1.02	Poor

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CCCE, LPI, CDH, TPI® is registered trademark of Holstein USA.

Type Data

Type Merit	-2	-1	+1	+2	Value	Category
Type Merit					1.04	Excellent
Mammary					1.07	Excellent
Legs + Feet					0.83	Excellent
Stature					-0.45	Short
Chest Width					-0.71	Narrow
Body Depth					-0.81	Shallow
Rib Structure					0.66	Open
Rump Angle					-1.02	High Pins
Rump Width					0.69	Wide
Rear Legs SV					-0.48	Straight
Foot Angle					-0.03	Low
Fore Udder Att.					-0.09	Weak
Rear Udder Ht.					0.80	High
Udder Support					1.27	Strong
Udder Depth					-0.12	Deep
Front Teat Pl.					0.89	Close
Teat Length					-0.80	Short
Rear Teat Pl.					1.24	Close
Teat Position S					1.15	Apart
Locomotion					1.06	Excellent
Body Condition					-0.50	Poor

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CCCE, LPI, CDH, TPI® is registered trademark of Holstein USA.

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- 15% LESS METHANE EMITTED

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STGEN FRENZY KYRON P

Frenzy-P x Charl x Josuper



Frank Robinson



Photo Caption: STGEN Frenzy Kyron-P

NAAB: 551H004468 / AICode: H07663
 HBN: H0840003213134235 / Source: AHDB GBR
 Breeder: STGenetics, US. / Photo Credit: Frank Robinson

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

Sire: S-S-I Hodedoe Frenzy P by Hodedoe
 Dam: EDG 84790 by Charl
 MGD: EDG 57752 Josuper 32033 by Josuper

Production Data		AHDB
£PLI	£773	66%R
Milk	774 kg	73%R
Fat	44.1 kg	0.14 %
Protein	31.8 kg	0.07 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		AHDB
Fertility Index	7.2	Improver
Lifespan (days)	73	Improver
Direct Calving Ease	0.2	Easier
Maternal Calving Ease	0.8	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	3.9	Improver
Somatic Cell Count	-9	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.8	Improver
Digital Dermatitis	0.5	Improver
Milking Speed	0.88	Faster
Temperament	0.14	Curious
Maintenance (kg)	-1	Compact
TB Advantage	1.0	Improver
HealthyCow	176	Improver
EnviroCow	3.6	Improver

Additional Indices			
TPI®	2896	EcoFeed Hfr	97
NM\$	\$924	EcoFeed Cow	99
PTAT	0.79	RoboticCow	6.6
LPI	3455	Conformation	-2

Milk Proteins			
Kappa Casein	AA	Beta Casein	A2A2

GENOSOURCE LIQUID COURAGE

Lambda x Unix x Doorman



Photo Caption: Dam of Liquid Courage, Ladyrose Caught Your Eye EX94

NAAB: 551H005528 / AICode: H07875
 HBN: H0840003249969032 / Source: AHDB GBR
 Breeder: Genosource, US / Photo Credit: Genosource

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

Sire: Famear Delta-Lambda by Delta
 Dam: Ladyrose Caught Your Eye EX94 by Unix
 MGD: Rosedale Achievers Legacy VG89-2yr by Doorman

Production Data		AHDB
£PLI	£102	69%R
Milk	597 kg	74%R
Fat	12.6 kg	-0.13 %
Protein	11.5 kg	-0.09 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		AHDB
Fertility Index	-3.1	Non-Improver
Lifespan (days)	-24	Non-Improver
Direct Calving Ease	-0.9	Harder
Maternal Calving Ease	0.1	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	1.0	Improver
Somatic Cell Count	-1	Improver
Mastitis Resistance (%)	1	Non-Improver
Lameness Advantage	0.7	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	0.63	Faster
Temperament	1.40	Curious
Maintenance (kg)	21	Sizeable
TB Advantage	1.3	Improver
HealthyCow	3	Improver
EnviroCow	0.1	Improver

Additional Indices			
TPI®	2423	EcoFeed Hfr	99
NM\$	\$195	EcoFeed Cow	96
PTAT	3.41	RoboticCow	4.2
LPI	3158	Conformation	+15

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Type Data	0 UK dtrs / 0 UK hrs		AHDB
Type Merit	-2	+2	0.35 Excellent
Mammary	-1	+1	0.80 Excellent
Legs + Feet	-1	+1	0.11 Excellent
Stature	-1	+1	0.52 Tall
Chest Width	-1	+1	-0.68 Narrow
Body Depth	-1	+1	-0.58 Shallow
Rib Structure	-1	+1	0.60 Open
Rump Angle	-1	+1	0.09 Sloped
Rump Width	-1	+1	-0.13 Narrow
Rear Legs SV	-1	+1	1.20 Sickled
Foot Angle	-1	+1	-0.60 Low
Fore Udder Att.	-1	+1	0.68 Strong
Rear Udder Ht.	-1	+1	0.95 High
Udder Support	-1	+1	-0.22 Broken
Udder Depth	-1	+1	0.53 Shallow
Front Teat Pl.	-1	+1	-0.05 Apart
Teat Length	-1	+1	-0.31 Short
Rear Teat Pl.	-1	+1	0.04 Close
Teat Position S	-1	+1	0.24 Apart
Locomotion	-1	+1	-0.02 Poor
Body Condition	-1	+1	-0.69 Poor

Type Data	0 UK dtrs / 0 UK hrs		AHDB
Type Merit	-2	+2	1.45 Excellent
Mammary	-2	+2	2.00 Excellent
Legs + Feet	-2	+2	0.82 Excellent
Stature	-2	+2	1.97 Tall
Chest Width	-2	+2	0.96 Wide
Body Depth	-2	+2	2.36 Deep
Rib Structure	-2	+2	2.09 Open
Rump Angle	-2	+2	-0.97 High Pins
Rump Width	-2	+2	2.68 Wide
Rear Legs SV	-2	+2	1.15 Sickled
Foot Angle	-2	+2	0.08 Steep
Fore Udder Att.	-2	+2	1.49 Strong
Rear Udder Ht.	-2	+2	2.12 High
Udder Support	-2	+2	2.09 Strong
Udder Depth	-2	+2	0.47 Shallow
Front Teat Pl.	-2	+2	1.87 Close
Teat Length	-2	+2	-0.42 Short
Rear Teat Pl.	-2	+2	1.94 Close
Teat Position S	-2	+2	0.86 Apart
Locomotion	-2	+2	0.62 Excellent
Body Condition	-2	+2	-0.33 Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDF, LPI, CDR, TPI® is registered trademark of Holstein USA.

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Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK.

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GEGANIA INSEME MAITAI

Mahomes x Freemax x Gymnast



Photo Caption: Gegania Inseme Maitai

Type Data	0 UK dtrs / 0 UK hrds	AHDB
Type Merit	1.13	Excellent
Mammary	1.12	Excellent
Legs + Feet	0.62	Excellent
Stature	-0.24	Short
Chest Width	0.27	Wide
Body Depth	-0.21	Shallow
Rib Structure	0.64	Open
Rump Angle	-0.98	High Pins
Rump Width	1.00	Wide
Rear Legs SV	0.23	Sickled
Foot Angle	-0.41	Low
Fore Udder Att.	1.13	Strong
Rear Udder Ht.	1.45	High
Udder Support	-0.06	Broken
Udder Depth	0.46	Shallow
Front Teat Pl.	0.12	Close
Teat Length	0.08	Long
Rear Teat Pl.	-0.13	Apart
Teat Position S	0.00	Close
Locomotion	0.67	Excellent
Body Condition	0.85	Excellent

NAAB: 643H000311 / AICode: H08017
 HBN: HOITA028990497146 / Source: AHDB GBR
 Breeder: Inseme, IT / Photo Credit: Inseme

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

Sire: Progenesis Mahomes by Eldorado
 Dam: NH Evolution Free Manila by Freemax
 MGD: NH Sunview Gym Mystery by Gymnast

Production Data		AHDB
£PLI	£706	66%R
Milk	792 kg	73%R
Fat	45.7 kg	0.15 %
Protein	31.7 kg	0.06 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		AHDB
Fertility Index	5.6	Improver
Lifespan (days)	40	Improver
Direct Calving Ease	0.7	Easier
Maternal Calving Ease	0.8	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	2.0	Improver
Somatic Cell Count	-6	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.5	Improver
Digital Dermatitis	0.3	Improver
Milking Speed	-0.86	Slower
Temperament	0.29	Curious
Maintenance (kg)	-2	Compact
TB Advantage	2.2	Improver
HealthyCow	134	Improver
EnviroCow	3	Improver

Additional Indices			
TPI®	2830	EcoFeed Hfr	93
NM\$	\$774	EcoFeed Cow	88
PTAT	1.41	RoboticCow	5.2
LPI	3555	Conformation	+2

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FM\$, TP\$, PTAT, CDCB, LPI, CON, TPI® is registered trademark of Holstein USA.

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FARNEAR MIAMI

Nightcap x Dynamo x Rubicon



Photo Caption: MGD of Farnear Miami, Farnear Mami 1307 EX90

Type Data	0 UK dtrs / 0 UK hrds	AHDB
Type Merit	1.24	Excellent
Mammary	1.36	Excellent
Legs + Feet	0.90	Excellent
Stature	0.72	Tall
Chest Width	0.04	Wide
Body Depth	-0.76	Shallow
Rib Structure	1.26	Open
Rump Angle	-0.75	High Pins
Rump Width	1.96	Wide
Rear Legs SV	2.11	Sickled
Foot Angle	-0.49	Low
Fore Udder Att.	0.51	Strong
Rear Udder Ht.	1.26	High
Udder Support	2.21	Strong
Udder Depth	0.93	Shallow
Front Teat Pl.	1.93	Close
Teat Length	-1.43	Short
Rear Teat Pl.	3.23	Close
Teat Position S	0.76	Apart
Locomotion	1.38	Excellent
Body Condition	-1.08	Poor

NAAB: 551H003970 / AICode: H06409
 HBN: H0840003147223731 / Source: AHDB ITB
 Breeder: Farnear Holsteins, US / Photo Credit: Beth Herges

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

Sire: Mr Nightcap by Spring
 Dam: Farnear Dyno Maude 40140 by Dynamo
 MGD: Farnear Mami 1307 EX90 by Rubicon

Production Data		AHDB
£PLI	£594	83%R
Milk	732 kg	86%R
Fat	26.3 kg	-0.03 %
Protein	25.6 kg	0.02 %
UK & Intl Dtrs	0 / 0	2214 / 277

Health + Management Data		AHDB
Fertility Index	8.9	Improver
Lifespan (days)	110	Improver
Direct Calving Ease	1.0	Easier
Maternal Calving Ease	1.2	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	2.8	Improver
Somatic Cell Count	-13	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	2.0	Improver
Digital Dermatitis	0.7	Improver
Milking Speed	0.99	Faster
Temperament	0.38	Curious
Maintenance (kg)	4	Sizeable
TB Advantage	2.8	Improver
HealthyCow	235	Improver
EnviroCow	2.4	Improver

Additional Indices			
TPI®	2903	EcoFeed Hfr	102
NM\$	\$913	EcoFeed Cow	112
PTAT	1.63	RoboticCow	4.8
LPI	3124	Conformation	+0

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FM\$, TP\$, PTAT, CDCB, LPI, CON, TPI® is registered trademark of Holstein USA.

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COGENT B MIRAGE

Casimir x Einstein x Agronaut



Photo Caption: Cogent B Mirage

NAAB: 522H005749 / AICode: H07830
HBN: H0GBR582935717358 / Source: AHDB GBR
Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

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

Sire: DGF Casimir by Mojo
Dam: 3Star OH Mironna VG87-2yr by Einstein
MGD: K&L OH Mirror GP82 by Agronaut

Production Data		AHDB
£PLI	£689	66%R
Milk	662 kg	73%R
Fat	31.7 kg	0.06 %
Protein	28.5 kg	0.07 %
UK & Intl Dtrs	0 / 0	0 / 0
	<small>UK Dtrs/Hrds</small>	<small>Intl Dtrs/Hrds</small>

Health + Management Data		AHDB
Fertility Index	7.1	Improver
Lifespan (days)	116	Improver
Direct Calving Ease	-0.5	Harder
Maternal Calving Ease	0.4	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	0.4	Improver
Somatic Cell Count	-24	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	1.3	Improver
Digital Dermatitis	0.1	Improver
Milking Speed	-0.10	Slower
Temperament	0.41	Curious
Maintenance (kg)	3	Sizeable
TB Advantage	2.2	Improver
HealthyCow	193	Improver
EnviroCow	3.3	Improver

Additional Indices			
TPI®	2917	EcoFeed Hfr	100
NM\$	\$856	EcoFeed Cow	92
PTAT	1.20	RoboticCow	4.5
LPI	3650	Conformation	+1

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Type Data	0 UK dtrs / 0 UK hrds		AHDB
Type Merit	-2	+2	0.76 Excellent
Mammary			0.61 Excellent
Legs + Feet			0.45 Excellent
Stature			-0.18 Short
Chest Width			0.80 Wide
Body Depth			0.22 Deep
Rib Structure			0.30 Open
Rump Angle			0.47 Sloped
Rump Width			1.07 Wide
Rear Legs SV			-0.58 Straight
Foot Angle			0.24 Steep
Fore Udder Att.			-0.17 Weak
Rear Udder Ht.			1.14 High
Udder Support			1.17 Strong
Udder Depth			-0.07 Deep
Front Teat Pl.			0.62 Close
Teat Length			-0.30 Short
Rear Teat Pl.			1.02 Close
Teat Position S			0.72 Apart
Locomotion			0.46 Excellent
Body Condition			0.69 Excellent

COGENT MIRAMAR

Fortnite x Pursuit x Granite



Photo Caption: Cogent Miramar

NAAB: 522H004969 / AICode: H07325
HBN: H0GBR728173300194 / Source: AHDB GBR
Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

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

Sire: Peak Fortnite by Positive
Dam: K&L OH Maribel by Pursuit
MGD: K&L OH Mabel VG87 by Granite

Production Data		AHDB
£PLI	£682	67%R
Milk	668 kg	73%R
Fat	31.3 kg	0.05 %
Protein	29.0 kg	0.08 %
UK & Intl Dtrs	0 / 0	0 / 0
	<small>UK Dtrs/Hrds</small>	<small>Intl Dtrs/Hrds</small>

Health + Management Data		AHDB
Fertility Index	0.5	Improver
Lifespan (days)	104	Improver
Direct Calving Ease	-0.1	Harder
Maternal Calving Ease	1.2	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	1.2	Improver
Somatic Cell Count	-16	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.4	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	0.75	Faster
Temperament	0.03	Curious
Maintenance (kg)	-2	Compact
TB Advantage	0.9	Improver
HealthyCow	152	Improver
EnviroCow	3.5	Improver

Additional Indices			
TPI®	2861	EcoFeed Hfr	101
NM\$	\$929	EcoFeed Cow	85
PTAT	0.72	RoboticCow	4.3
LPI	3427	Conformation	+5

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2

Type Data	0 UK dtrs / 0 UK hrds		AHDB
Type Merit	-2	+2	1.54 Excellent
Mammary			1.87 Excellent
Legs + Feet			1.11 Excellent
Stature			-0.30 Short
Chest Width			0.15 Wide
Body Depth			-0.65 Shallow
Rib Structure			0.00 Coarse
Rump Angle			1.08 Sloped
Rump Width			0.62 Wide
Rear Legs SV			0.44 Sickled
Foot Angle			0.09 Steep
Fore Udder Att.			1.31 Strong
Rear Udder Ht.			0.92 High
Udder Support			0.91 Strong
Udder Depth			0.80 Shallow
Front Teat Pl.			2.51 Close
Teat Length			-0.87 Short
Rear Teat Pl.			1.94 Close
Teat Position S			-0.15 Close
Locomotion			1.07 Excellent
Body Condition			0.96 Excellent

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI®, PTAT, CDCB, LPI, CDM, TPI® is registered trademark of Holstein USA.

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AURORA MITCHELL

Mitchell x Bombero x Mayfield



Photo Caption: Mitchell Daughters at Willsbro Holsteins

Type Data	99 UK dtrs / 23 UK hrs				AHDB
	-2	-1	+1	+2	
Type Merit			[Bar]		1.31 Excellent
Mammary			[Bar]		1.44 Excellent
Legs + Feet			[Bar]		1.07 Excellent
Stature			[Bar]		1.39 Tall
Chest Width	[Bar]				-0.62 Narrow
Body Depth			[Bar]		1.34 Deep
Rib Structure			[Bar]		2.39 Open
Rump Angle		[Bar]			-0.47 High Plins
Rump Width			[Bar]		1.54 Wide
Rear Legs SV		[Bar]			-0.16 Straight
Foot Angle			[Bar]		0.80 Steep
Fore Udder Att.			[Bar]		0.89 Strong
Rear Udder Ht.			[Bar]		2.10 High
Udder Support		[Bar]			0.37 Strong
Udder Depth			[Bar]		0.65 Shallow
Front Teat Pl.			[Bar]		0.17 Close
Teat Length			[Bar]		-0.04 Short
Rear Teat Pl.		[Bar]			-0.35 Apart
Teat Position S			[Bar]		0.28 Apart
Locomotion			[Bar]		1.47 Excellent
Body Condition	[Bar]				-1.69 Poor

NAAB: 515H000318 / AICode: H05817
 HBN: H0840003138948156 / Source: AHDB ITB
 Breeder: Aurora Ridge Dairy, US / Photo Credit: AI>Total

BYF CDF CLF CNF CVF DPF MWT
 HH1T HH2C HH3T HH4T HH5T HH6T

Sire: Wet Tatum Mitchell by Tatum
 Dam: Aurora Bombero 15902 GP83 by Bombero
 MGD: Aurora Mayfield 13965 VG85 by Mayfield

Production Data		AHDB
£PLI	£497	94%R
Milk	634 kg	98%R
Fat	30.0 kg	0.05 %
Protein	23.2 kg	0.03 %
UK & Intl Dtrs	195 / 45	4561 / 939
	UK Dtrs/Hds	Intl Dtrs/Hds

Health + Management Data		AHDB
Fertility Index	2.6	Improver
Lifespan (days)	52	Improver
Direct Calving Ease	-0.3	Harder
Maternal Calving Ease	-0.1	Harder
Gestation Length (days)	-1	Shorter
Calf Survival	-0.5	Non-Improver
Somatic Cell Count	-21	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	1.2	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	-0.73	Slower
Temperament	-1.09	Standoffish
Maintenance (kg)	5	Sizeable
TB Advantage	-1.0	Non-Improver
HealthyCow	132	Improver
EnviroCow	2.1	Improver

Additional Indices			
TPI®	2815	EcoFeed Hfr	-
NM\$	\$654	EcoFeed Cow	-
PTAT	2.34	RoboticCow	-
LPI	3335	Conformation	+5

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FMS, TPI®, PTAT, CDCR, LPI, CCR, TPI® is registered trademark of Holstein USA.

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SJK MONROE

Moline x Kenobi x Granite



Photo Caption: SJK Monroe

NAAB: 522H004782 / AICode: H07084
 HBN: HONLD000578269612 / Source: AHDB GBR
 Breeder: S.J Kat Holsteins, NL / Photo Credit: Jane Steel

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

Sire: Peak Moline by Positive
 Dam: K&L OH Manoa by Kenobi
 MGD: K&L OH Mabel by Granite

Production Data		AHDB
£PLI	£738	67%R
Milk	923 kg	73%R
Fat	47.7 kg	0.12 %
Protein	36.7 kg	0.07 %
UK & Intl Dtrs	0 / 0	0 / 0
	UK Dtrs/Hds	Intl Dtrs/Hds

Health + Management Data		AHDB
Fertility Index	-0.6	Non-Improver
Lifespan (days)	55	Improver
Direct Calving Ease	1.2	Easier
Maternal Calving Ease	0.4	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	1.1	Improver
Somatic Cell Count	-4	Improver
Mastitis Resistance (%)	1	Non-Improver
Lameness Advantage	1.7	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	1.96	Faster
Temperament	-0.26	Standoffish
Maintenance (kg)	-8	Compact
TB Advantage	2.8	Improver
HealthyCow	68	Improver
EnviroCow	3.8	Improver

Additional Indices			
TPI®	2894	EcoFeed Hfr	98
NM\$	\$972	EcoFeed Cow	92
PTAT	1.18	RoboticCow	6.2
LPI	3428	Conformation	+1

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

Type Data	0 UK dtrs / 0 UK hrs				AHDB
	-2	-1	+1	+2	
Type Merit			[Bar]		1.12 Excellent
Mammary			[Bar]		1.58 Excellent
Legs + Feet			[Bar]		-0.09 Poor
Stature			[Bar]		-0.28 Short
Chest Width		[Bar]			-0.45 Narrow
Body Depth			[Bar]		-0.18 Shallow
Rib Structure			[Bar]		1.18 Open
Rump Angle			[Bar]		0.08 Sloped
Rump Width			[Bar]		0.27 Wide
Rear Legs SV			[Bar]		0.94 Sickled
Foot Angle		[Bar]			-1.36 Low
Fore Udder Att.			[Bar]		1.09 Strong
Rear Udder Ht.			[Bar]		1.21 High
Udder Support			[Bar]		-0.16 Broken
Udder Depth			[Bar]		0.70 Shallow
Front Teat Pl.			[Bar]		0.46 Close
Teat Length			[Bar]		0.48 Long
Rear Teat Pl.			[Bar]		0.31 Close
Teat Position S			[Bar]		-0.17 Close
Locomotion			[Bar]		-0.28 Poor
Body Condition			[Bar]		-0.65 Poor

Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

CEH MUSIC

Pursuit x Gymnast x Silver



Photo Caption: CEH Music

Type Data	0 UK dtrs / 0 UK hrs		AHDB	
Type Merit	-2	-1	+1 +2	1.81 Excellent
Mammary				1.86 Excellent
Legs + Feet				1.55 Excellent
Stature				1.01 Tall
Chest Width				0.82 Wide
Body Depth				0.86 Deep
Rib Structure				1.27 Open
Rump Angle				-0.68 High Pins
Rump Width				1.21 Wide
Rear Legs SV				-0.11 Straight
Foot Angle				0.11 Steep
Fore Udder Att.				0.75 Strong
Rear Udder Ht.				2.74 High
Udder Support				1.11 Strong
Udder Depth				0.49 Shallow
Front Teat Pl.				0.32 Close
Teat Length				1.48 Long
Rear Teat Pl.				0.64 Close
Teat Position S				1.40 Apart
Locomotion				1.85 Excellent
Body Condition				-0.42 Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPB, PTAT, CDCB, LPI, CON. TPB is registered trademark of Holstein USA.

NAAB: 522H004358 / AICode: H06528
 HBN: HODEU000540816136 / Source: AHDB GBR
 Breeder: CEH Holsteins, DE / Photo Credit: Jane Steel

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

Sire: Pine-Tree S-S-I Pursuit by Imax
 Dam: CEH Melody 100 VG86 by Gymnast
 MGD: CEH Melina 13 VG87 by Silver

Production Data			AHDB
£PLI	£549	70%R	
Milk	691 kg	77%R	
Fat	31.1 kg	0.04 %	
Protein	22.2 kg	-0.01 %	
UK & Intl Dtrs	9 / 5	0 / 0	

Health + Management Data			AHDB
Fertility Index	3.8	Improver	
Lifespan (days)	107	Improver	
Direct Calving Ease	-0.1	Harder	
Maternal Calving Ease	0.5	Easier	
Gestation Length (days)	0	Shorter	
Calf Survival	-1.1	Non-Improver	
Somatic Cell Count	-23	Improver	
Mastitis Resistance (%)	-3	Improver	
Lameness Advantage	2.0	Improver	
Digital Dermatitis	0.5	Improver	
Milking Speed	-0.46	Slower	
Temperament	-0.24	Standoffish	
Maintenance (kg)	12	Sizeable	
TB Advantage	1.0	Improver	
HealthyCow	193	Improver	
EnviroCow	2.4	Improver	

Additional Indices			
TPI@	2870	EcoFeed Hfr	97
NM\$	\$834	EcoFeed Cow	110
PTAT	1.78	RoboticCow	4.1
LPI	3583	Conformation	+7

Milk Proteins			
Kappa Casein	AA	Beta Casein	A1A2

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

DG HS NIXON

Renegade x Medley x Jedi



Photo Caption: DG HS Nixon

Type Data	0 UK dtrs / 0 UK hrs		AHDB	
Type Merit	-2	-1	+1 +2	1.40 Excellent
Mammary				1.72 Excellent
Legs + Feet				0.99 Excellent
Stature				-0.38 Short
Chest Width				0.96 Wide
Body Depth				-0.53 Shallow
Rib Structure				-0.46 Coarse
Rump Angle				0.01 Sloped
Rump Width				-0.92 Narrow
Rear Legs SV				-0.14 Straight
Foot Angle				0.31 Steep
Fore Udder Att.				1.67 Strong
Rear Udder Ht.				0.92 High
Udder Support				0.48 Strong
Udder Depth				1.08 Shallow
Front Teat Pl.				0.32 Close
Teat Length				-0.48 Short
Rear Teat Pl.				0.09 Close
Teat Position S				1.28 Apart
Locomotion				1.09 Excellent
Body Condition				1.79 Excellent

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPB, PTAT, CDCB, LPI, CON. TPB is registered trademark of Holstein USA.

NAAB: 522H004962 / AICode: H07275
 HBN: HODEU001406512548 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

Sire: S-S-I PR Renegade by JAltaOak
 Dam: HS DG Nanny by Medley
 MGD: DG HS Nadja by Jedi

Production Data			AHDB
£PLI	£744	68%R	
Milk	568 kg	74%R	
Fat	40.0 kg	0.19 %	
Protein	27.1 kg	0.09 %	
UK & Intl Dtrs	0 / 0	0 / 0	

Health + Management Data			AHDB
Fertility Index	10.3	Improver	
Lifespan (days)	113	Improver	
Direct Calving Ease	0.6	Easier	
Maternal Calving Ease	1.4	Easier	
Gestation Length (days)	0	Shorter	
Calf Survival	0.1	Improver	
Somatic Cell Count	-7	Improver	
Mastitis Resistance (%)	-1	Improver	
Lameness Advantage	2.8	Improver	
Digital Dermatitis	0.7	Improver	
Milking Speed	-0.61	Slower	
Temperament	-0.73	Standoffish	
Maintenance (kg)	3	Sizeable	
TB Advantage	1.0	Improver	
HealthyCow	219	Improver	
EnviroCow	3.2	Improver	

Additional Indices			
TPI@	2958	EcoFeed Hfr	95
NM\$	\$917	EcoFeed Cow	100
PTAT	1.12	RoboticCow	4.9
LPI	3614	Conformation	+3

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A2

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GEN PARELLI

Aerosmith x Nacash x Gymnast



Photo Caption: Gen Parelli

NAAB: 643H005683 / AICode: H08018
 HBN: HONLD000922406764 / Source: AHDB GBR
 Breeder: Olanda, NL / Photo Credit: Inseme

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

Sire: Stantons Aerosmith by Aristocrat
 Dam: Gen Platina by Nacash
 MGD: Col DG Peggy by Gymnast

Production Data		
£PLI	£641	66%R
Milk	781 kg	73%R
Fat	30.6 kg	-0.01 %
Protein	29.3 kg	0.04 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	6	Improver
Lifespan (days)	85	Improver
Direct Calving Ease	0.0	Harder
Maternal Calving Ease	1.3	Easier
Gestation Length (days)	0	Shorter
Calf Survival	0.7	Improver
Somatic Cell Count	-20	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.3	Improver
Digital Dermatitis	0.3	Improver
Milking Speed	-0.71	Slower
Temperament	0.36	Curious
Maintenance (kg)	10	Sizeable
TB Advantage	1.7	Improver
HealthyCow	196	Improver
EnviroCow	2.6	Improver

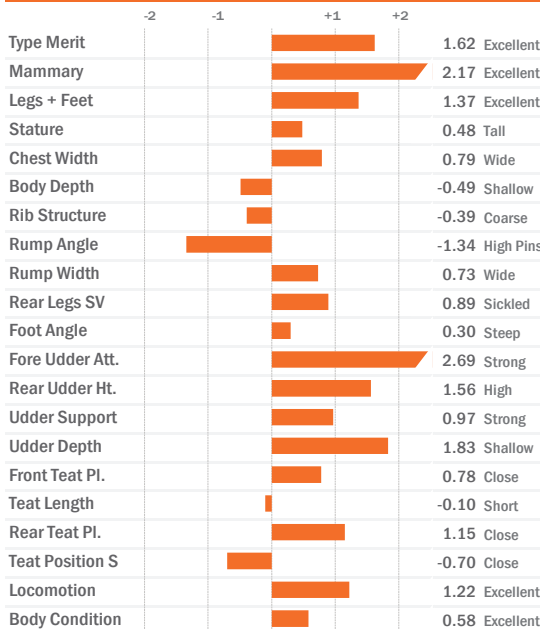
Additional Indices

TPI®	2851	EcoFeed Hfr	98
NM\$	\$770	EcoFeed Cow	97
PTAT	1.44	RoboticCow	5.1
LPI	3861	Conformation	+6

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Type Data



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDF, LP, CDN, TPI® is registered trademark of Holstein USA.

SIEMERS ASTD PAULY 34945

Austad x Legacy x Lambda



Photo Caption: 2nd Dam of Pauly, Siemers Lambda Paris 27856 EX91

NAAB: 551H004658 / AICode: H07497
 HBN: H0840003218556308 / Source: AHDB GBR
 Breeder: Siemers Holstein Farms, US / Photo Credit: Frank Robinson

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

Sire: Peak Austad by Positive
 Dam: Siemers Legacy Paris 31379 VG85 by Legacy
 MGD: Siemers Lambda Paris 27856 EX91 by Lambda

Production Data		
£PLI	£536	67%R
Milk	662 kg	73%R
Fat	31.0 kg	0.05 %
Protein	25.6 kg	0.04 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	-1.9	Non-Improver
Lifespan (days)	70	Improver
Direct Calving Ease	0.1	Easier
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	0.5	Improver
Somatic Cell Count	-9	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.6	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.71	Faster
Temperament	0.02	Curious
Maintenance (kg)	-3	Compact
TB Advantage	2.3	Improver
HealthyCow	95	Improver
EnviroCow	2.7	Improver

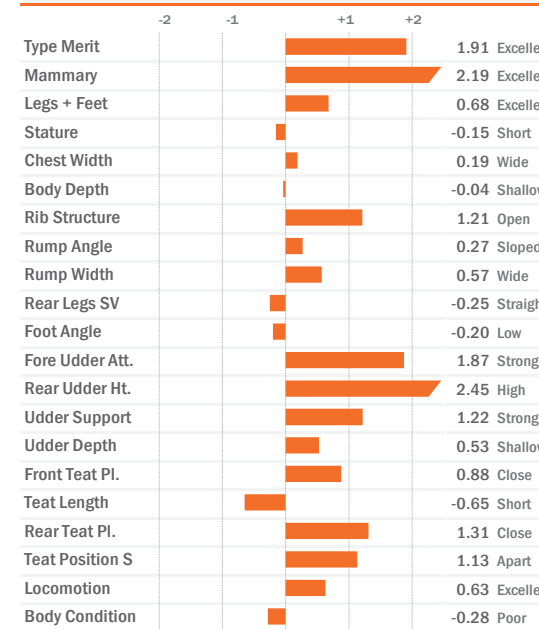
Additional Indices

TPI®	2930	EcoFeed Hfr	103
NM\$	\$870	EcoFeed Cow	115
PTAT	2.30	RoboticCow	4.7
LPI	3478	Conformation	+7

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Type Data



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDF, LP, CDN, TPI® is registered trademark of Holstein USA.

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DG PEACE

Captain x Redrock x Kerrigan



Photo Caption: DG Peace

NAAB: 515H000416 / AICode: H07159
 HBN: HONLD000575217865 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

Sire: Genosource Captain by Charl
 Dam: PH Jezebel VG86-2yr by Redrock
 MGD: Simple-Dreams Ph Ruw Cookie VG85 by Kerrigan

Production Data			AHDB
£PLI	£908	68%R	
Milk	1080 kg	74%R	
Fat	46.9 kg	0.04 %	
Protein	41.3 kg	0.06 %	
UK & Intl Dtrs	0 / 0	0 / 0	
	<small>UK Dtrs/Hds</small>	<small>Intl Dtrs/Hds</small>	

Health + Management Data			AHDB
Fertility Index	3.8	Improver	
Lifespan (days)	95	Improver	
Direct Calving Ease	0.3	Easier	
Maternal Calving Ease	0.3	Easier	
Gestation Length (days)	-2	Shorter	
Calf Survival	1.4	Improver	
Somatic Cell Count	-14	Improver	
Mastitis Resistance (%)	-2	Improver	
Lameness Advantage	1.9	Improver	
Digital Dermatitis	0.6	Improver	
Milking Speed	-0.09	Slower	
Temperament	-0.62	Standoffish	
Maintenance (kg)	-25	Compact	
TB Advantage	2.3	Improver	
HealthyCow	161	Improver	
EnviroCow	4.8	Improver	

Additional Indices			
TPI®	3112	EcoFeed Hfr	93
NM\$	\$1198	EcoFeed Cow	101
PTAT	0.77	RoboticCow	4.1
LPI	3705	Conformation	+0

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

DG PROTON

Captain x Rubicon x Flagship



Photo Caption: DG Proton

NAAB: 522H005081 / AICode: H07438
 HBN: HONLD000634721014 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

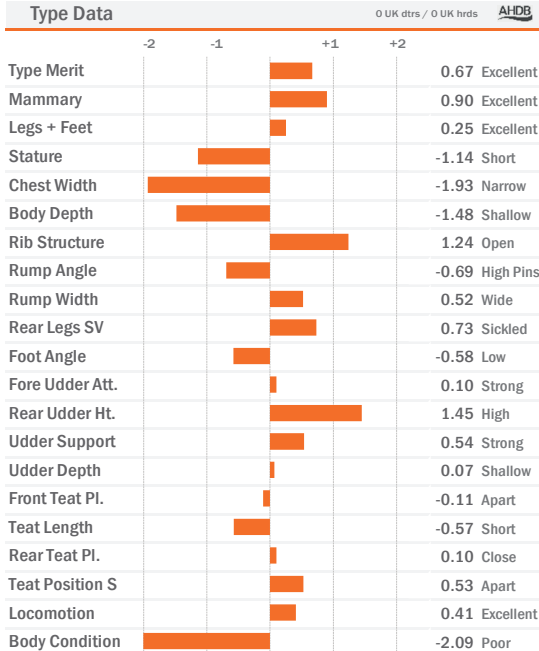
Sire: Genosource Captain by Charl
 Dam: Buiteneid DG Garbine by Rubicon
 MGD: DG Garbine by Flagship

Production Data			AHDB
£PLI	£599	68%R	
Milk	914 kg	74%R	
Fat	40.0 kg	0.04 %	
Protein	30.4 kg	0.00 %	
UK & Intl Dtrs	0 / 0	0 / 0	
	<small>UK Dtrs/Hds</small>	<small>Intl Dtrs/Hds</small>	

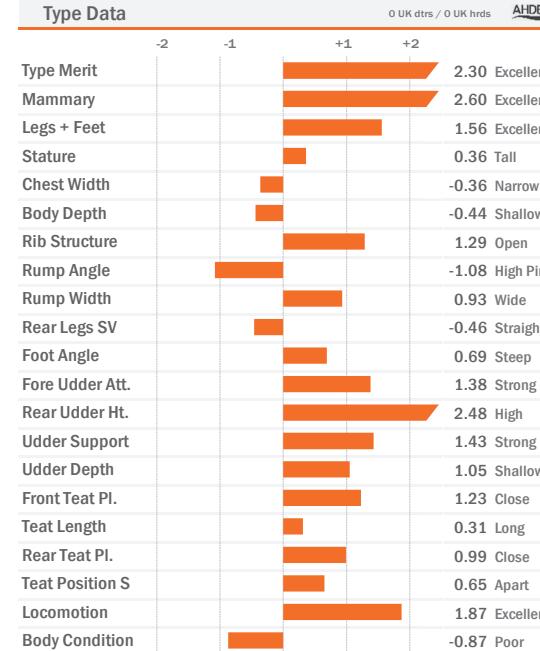
Health + Management Data			AHDB
Fertility Index	-2.6	Non-Improver	
Lifespan (days)	34	Improver	
Direct Calving Ease	-0.6	Harder	
Maternal Calving Ease	0.0	Harder	
Gestation Length (days)	-2	Shorter	
Calf Survival	1.3	Improver	
Somatic Cell Count	-6	Improver	
Mastitis Resistance (%)	0	Non-Improver	
Lameness Advantage	1.6	Improver	
Digital Dermatitis	0.4	Improver	
Milking Speed	0.13	Faster	
Temperament	0.24	Curious	
Maintenance (kg)	-2	Compact	
TB Advantage	2.6	Improver	
HealthyCow	80	Improver	
EnviroCow	2.9	Improver	

Additional Indices			
TPI®	2890	EcoFeed Hfr	102
NM\$	\$866	EcoFeed Cow	111
PTAT	1.61	RoboticCow	5.0
LPI	3536	Conformation	+6

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPB\$, PTAT, CDCS, LPI, CDN, TPB is registered trademark of Holstein USA.



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPB\$, PTAT, CDCS, LPI, CDN, TPB is registered trademark of Holstein USA.

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NORTONHILL R2 D2

Skywalker x Superhero x Yoder



Jane Steel



Photo Caption: Nortonhill R2D2

NAAB: 522H004219 / AICode: H06113
 HBN: H0GBR103122503444 / Source: AHDB ITB
 Breeder: D Wilcox & A Robson, GB / Photo Credit: Jane Steel

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

Sire: Bomaz Skywalker by Jedi
 Dam: Prismagen Miss Saratoga by Superhero
 MGD: PG Miss Sweden GP84-2yr by Yoder

Production Data		
£PLI	£584	88%R
Milk	397 kg	99%R
Fat	31.8 kg	0.18 %
Protein	24.9 kg	0.14 %
UK & Intl Dtrs	603 / 111	648 / 121

Health + Management Data

Fertility Index	6.3	Improver
Lifespan (days)	73	Improver
Direct Calving Ease	-0.2	Harder
Maternal Calving Ease	1.6	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	1.9	Improver
Somatic Cell Count	-3	Improver
Mastitis Resistance (%)	2	Non-Improver
Lameness Advantage	2.9	Improver
Digital Dermatitis	0.6	Improver
Milking Speed	-0.05	Slower
Temperament	0.82	Curious
Maintenance (kg)	5	Sizeable
TB Advantage	2.2	Improver
HealthyCow	149	Improver
EnviroCow	2.5	Improver

Additional Indices

TPI®	2678	EcoFeed Hfr	-
NM\$	\$699	EcoFeed Cow	-
PTAT	1.40	RoboticCow	3.5
LPI	3478	Conformation	+5

Milk Proteins

Kappa Casein	BB	Beta Casein	A1A2
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OCD FUGLEMAN RAD

Fugleman x Captain x Coffee



Photo Caption: Sixth Dam of Ram, Sandy-Valley Robust Ruby

NAAB: 551H005039 / AICode: H07906
 HBN: H0840003250286221 / Source: AHDB GBR
 Breeder: Oakfield Corners Dairy, US / Photo Credit: Beth Herges

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

Sire: Peak Fugleman by Zazzle
 Dam: OCD Captain Rae 63785 by Captain
 MGD: OCD Coffee Rae 52467 VG85 by Coffee

Production Data		
£PLI	£805	66%R
Milk	957 kg	73%R
Fat	40.8 kg	0.03 %
Protein	33.4 kg	0.02 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	5.9	Improver
Lifespan (days)	146	Improver
Direct Calving Ease	0.2	Easier
Maternal Calving Ease	0.5	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	2.2	Improver
Somatic Cell Count	-12	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	2.5	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	0.92	Faster
Temperament	0.21	Curious
Maintenance (kg)	-16	Compact
TB Advantage	1.7	Improver
HealthyCow	209	Improver
EnviroCow	4.3	Improver

Additional Indices

TPI®	3229	EcoFeed Hfr	98
NM\$	\$1226	EcoFeed Cow	102
PTAT	2.26	RoboticCow	8.0
LPI	3775	Conformation	+5

Milk Proteins

Kappa Casein	BE	Beta Casein	A1A2
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Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.73	Excellent
Mammary					1.34	Excellent
Legs + Feet					1.24	Excellent
Stature					0.38	Tall
Chest Width					0.68	Wide
Body Depth					1.30	Deep
Rib Structure					1.62	Open
Rump Angle					-0.51	High Pins
Rump Width					0.40	Wide
Rear Legs SV					1.15	Sickled
Foot Angle					-0.88	Low
Fore Udder Att.					0.52	Strong
Rear Udder Ht.					1.82	High
Udder Support					-0.50	Broken
Udder Depth					0.77	Shallow
Front Teat Pl.					-1.02	Apart
Teat Length					1.16	Long
Rear Teat Pl.					-1.09	Apart
Teat Position S					-0.03	Close
Locomotion					1.30	Excellent
Body Condition					-0.13	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPB, PTAT, CDS, LPI, CDN, TPB is registered trademark of Holstein USA.

Type Data

Type	-2	-1	+1	+2	Value	Category
Type Merit					1.48	Excellent
Mammary					1.74	Excellent
Legs + Feet					0.72	Excellent
Stature					-0.09	Short
Chest Width					-1.90	Narrow
Body Depth					-1.34	Shallow
Rib Structure					1.70	Open
Rump Angle					-0.43	High Pins
Rump Width					0.50	Wide
Rear Legs SV					0.51	Sickled
Foot Angle					-0.04	Low
Fore Udder Att.					1.75	Strong
Rear Udder Ht.					1.67	High
Udder Support					-0.02	Broken
Udder Depth					1.25	Shallow
Front Teat Pl.					-0.54	Apart
Teat Length					0.02	Long
Rear Teat Pl.					-0.18	Apart
Teat Position S					-0.16	Close
Locomotion					1.01	Excellent
Body Condition					-2.71	Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPB, PTAT, CDS, LPI, CDN, TPB is registered trademark of Holstein USA.

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STANTONS RIGHT STUFF PP

Remover PP x Bundle x Bightit-P



NAAB: 724H002031 / AICode: H07733
 HBN: HOCAN000014062859 / Source: AHDB GBR
 Breeder: Stanton Bros, CA / Photo Credit: Patty Jones
 BYF CDF CLF CNF CVF DPF POS MWT
 HH1T HH2T HH3T HH4T HH5T HH6T
 Sire: Stantons Remover PP by Luster P
 Dam: Stantons What It Takes P by Bundle
 MGD: Stantons Bightit Melody VG85 by Bightit P

Production Data		AHDB
£PLI	£531	66%R
Milk	1003 kg	73%R
Fat	29.2 kg	-0.12 %
Protein	30.2 kg	-0.03 %
UK & Intl Dtrs	0 / 0	0 / 0
<small>UK Dtrs/Hds</small>		<small>Intl Dtrs/Hds</small>

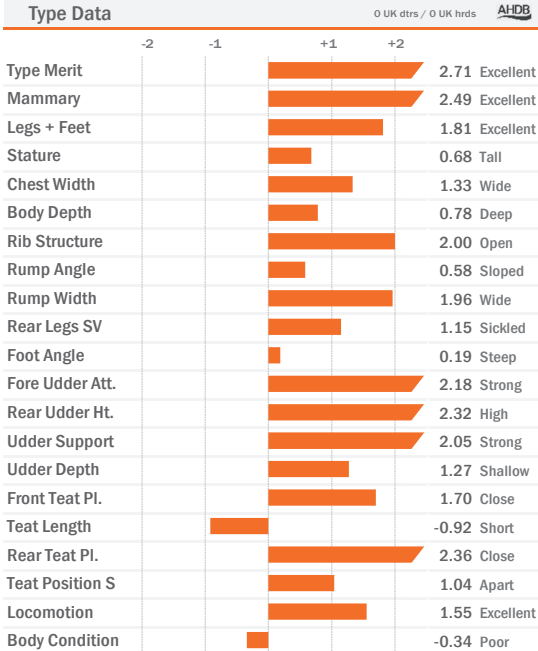
Health + Management Data		AHDB
Fertility Index	1.1	Improver
Lifespan (days)	43	Improver
Direct Calving Ease	0.3	Easier
Maternal Calving Ease	0.9	Easier
Gestation Length (days)	0	Shorter
Calf Survival	0.9	Improver
Somatic Cell Count	-6	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.4	Improver
Digital Dermatitis	0.2	Improver
Milking Speed	0.05	Faster
Temperament	-0.02	Standoffish
Maintenance (kg)	11	Sizeable
TB Advantage	1.4	Improver
HealthyCow	118	Improver
EnviroCow	2.2	Improver

Additional Indices			
TPI@	2768	EcoFeed Hfr	-
NM\$	\$649	EcoFeed Cow	-
PTAT	2.47	RoboticCow	-
LPI	3551	Conformation	+9

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2



Photo Caption: MGD of Right Stuff, Stantons Bightit Melody VG85



Proof Source: April 2024. UK Production, Health and Reproduction; AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI@, PTAT, CDCB, LPI, CDN. TPI@ is registered trademark of Holstein USA.

RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

KOEPON OH ROBIN-RED

Rubels Red x Salvatore x Rubicon

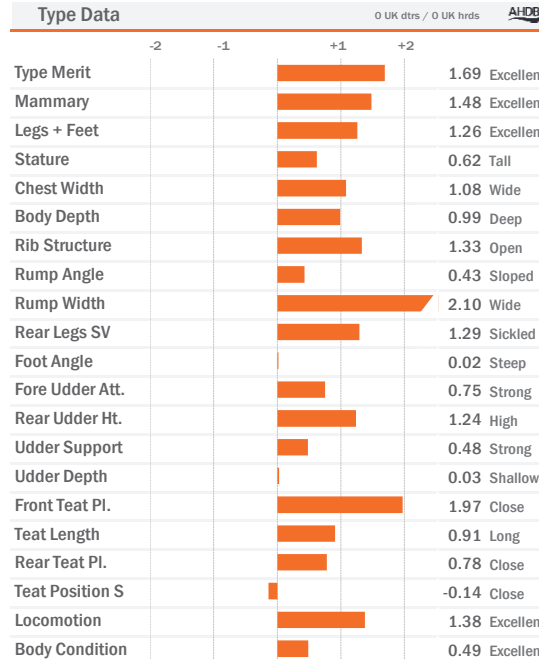


NAAB: 522H004321 / AICode: H06359
 HBN: HONLD000571815324 / Source: AHDB GBR
 Breeder: M'bedrijf de Oosterhof, NL / Photo Credit: Jane Steel
 BYF CDF CLF CNF CVF DPF MWT
 HH1T HH2T HH3T HH4T HH5T HH6T
 Sire: Hoogerhorst DG Oh Rubels Red by Argo
 Dam: Lakeside Ups Red Range VG86 by Salvatore
 MGD: De Oosterhof Dg Rose VG89 by Rubicon

Production Data		AHDB
£PLI	£527	69%R
Milk	810 kg	74%R
Fat	30.9 kg	-0.02 %
Protein	25.5 kg	-0.01 %
UK & Intl Dtrs	0 / 0	0 / 0
<small>UK Dtrs/Hds</small>		<small>Intl Dtrs/Hds</small>



Photo Caption: Daughter of Robin-Red; Tarshaw Robin Morag Red 3 VG85



Health + Management Data		AHDB
Fertility Index	2.1	Improver
Lifespan (days)	88	Improver
Direct Calving Ease	-0.9	Harder
Maternal Calving Ease	1.0	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	-2.1	Non-Improver
Somatic Cell Count	-25	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	0.6	Improver
Digital Dermatitis	0.1	Improver
Milking Speed	-0.02	Slower
Temperament	0.78	Curious
Maintenance (kg)	10	Sizeable
TB Advantage	0.4	Improver
HealthyCow	123	Improver
EnviroCow	2.5	Improver

Additional Indices			
TPI@	2645	EcoFeed Hfr	104
NM\$	\$611	EcoFeed Cow	96
PTAT	1.82	RoboticCow	4.2
LPI	3497	Conformation	+7

Milk Proteins			
Kappa Casein	BB	Beta Casein	A1A1

Proof Source: April 2024. UK Production, Health and Reproduction; AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, FMS, TPI@, PTAT, CDCB, LPI, CDN. TPI@ is registered trademark of Holstein USA.

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COGENT 3STAR OH **ROCK-RED**

Camden x Rubels x Salvatore



Photo Caption: Cogent 3Star Oh Rock-Red

NAAB: 522H005077 / AICode: H07586
 HBN: H0GBR728173100269 / Source: AHDB GBR
 Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

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

Sire: Koepon Camden by Solitair P
 Dam: 3Star OH Red Rose VG86-2yr by Rubels
 MGD: Lakeside Ups Red Range VG86 by Salvatore

Production Data		AHDB
£PLI	£731	66%R
Milk	868 kg	72%R
Fat	37.0 kg	0.02 %
Protein	29.7 kg	0.01 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	4.1	Improver
Lifespan (days)	134	Improver
Direct Calving Ease	0.1	Easier
Maternal Calving Ease	0.9	Easier
Gestation Length (days)	0	Shorter
Calf Survival	0.5	Improver
Somatic Cell Count	-28	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	1.4	Improver
Digital Dermatitis	0.6	Improver
Milking Speed	-0.01	Slower
Temperament	0.43	Curious
Maintenance (kg)	-12	Compact
TB Advantage	0.5	Improver
HealthyCow	208	Improver
EnviroCow	3.6	Improver

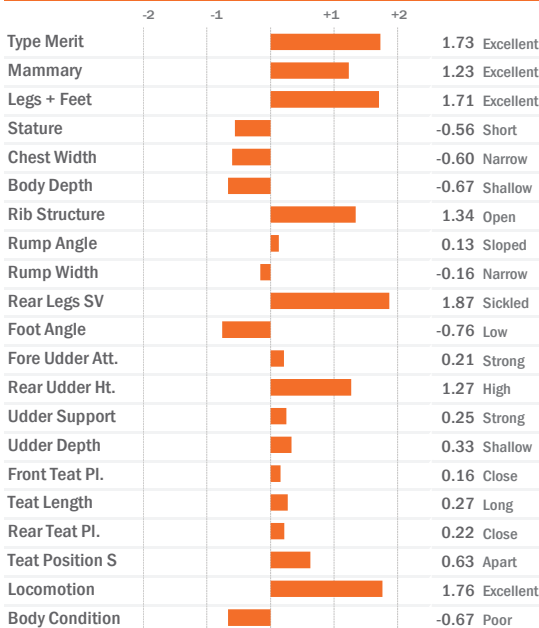
Additional Indices

TPI®	2943	EcoFeed Hfr	97
NM\$	\$1060	EcoFeed Cow	97
PTAT	1.18	RoboticCow	5.0
LPI	3636	Conformation	+5

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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Type Data



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FMS, TPI®, PTAT, CDCB, LPI, CDF, TPI® is registered trademark of Holstein USA.

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COGENT KOEPON **ROCKY**

Captain x Kenobi x Topshot



Photo Caption: Cogent Koepon Rocky

NAAB: 522H004788 / AICode: H07033
 HBN: H0GBR728173600162 / Source: AHDB GBR
 Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

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

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

Production Data		AHDB
£PLI	£865	68%R
Milk	914 kg	74%R
Fat	44.3 kg	0.08 %
Protein	37.4 kg	0.08 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data

Fertility Index	3.8	Improver
Lifespan (days)	95	Improver
Direct Calving Ease	0.5	Easier
Maternal Calving Ease	0.7	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	2.1	Improver
Somatic Cell Count	-14	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	2.4	Improver
Digital Dermatitis	0.7	Improver
Milking Speed	-0.14	Slower
Temperament	0.14	Curious
Maintenance (kg)	-24	Compact
TB Advantage	2.6	Improver
HealthyCow	163	Improver
EnviroCow	4.5	Improver

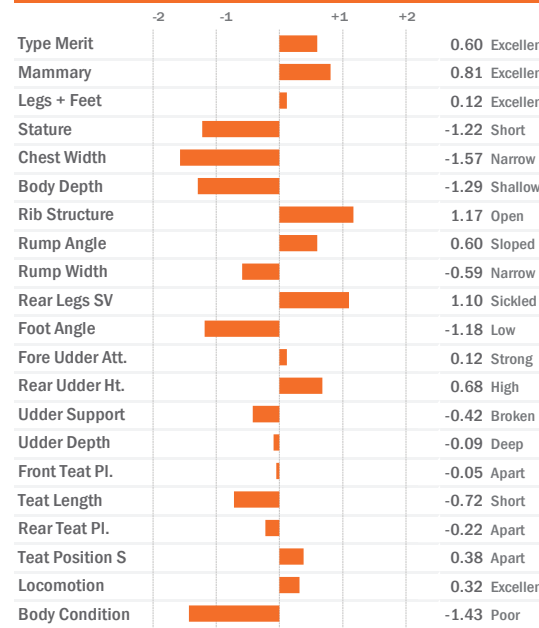
Additional Indices

TPI®	3020	EcoFeed Hfr	97
NM\$	\$1167	EcoFeed Cow	109
PTAT	0.51	RoboticCow	4.6
LPI	3501	Conformation	-3

Milk Proteins

Kappa Casein	AB	Beta Casein	A2A2
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Type Data



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy, UK Type: Holstein UK, International Metrics: NM\$, CM\$, FMS, TPI®, PTAT, CDCB, LPI, CDF, TPI® is registered trademark of Holstein USA.

RoboticCow & EcoFeed are enabled by STGenetics and are exclusive to the STGenetics Group.

COGENT B **ROLLER**

Buffalo Bill x Miami x High Noon



Photo Caption: Cogent B Roller

NAAB: 522H005075 / AICode: H07570
HBN: H0GBR582935716805 / Source: AHDB GBR
Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

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

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

Production Data		
£PLI	£654	66%R
Milk	459 kg	73%R
Fat	22.9 kg	0.05 %
Protein	20.1 kg	0.06 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		
Fertility Index	7.7	Improver
Lifespan (days)	171	Improver
Direct Calving Ease	0.9	Easier
Maternal Calving Ease	0.9	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	3.1	Improver
Somatic Cell Count	-20	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	3.0	Improver
Digital Dermatitis	0.7	Improver
Milking Speed	0.21	Faster
Temperament	-0.04	Standoffish
Maintenance (kg)	-13	Compact
TB Advantage	0.1	Improver
HealthyCow	294	Improver
EnviroCow	3.1	Improver

Additional Indices			
TPI@	3008	EcoFeed Hfr	104
NM\$	\$1094	EcoFeed Cow	121
PTAT	1.67	RoboticCow	5.5
LPI	3545	Conformation	+3

Milk Proteins			
Kappa Casein	AB	Beta Casein	A1A2

TRENT-WAY **ROPER-RED**

Ranger-Red x Salvo x Splendid P



Photo Caption: Trent-Way Roper-Red

NAAB: 551H005180 / AICode: H07873
HBN: H0840003240737637 / Source: AHDB GBR
Breeder: T & K Hendrickson / Photo Credit: Patty Jones

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

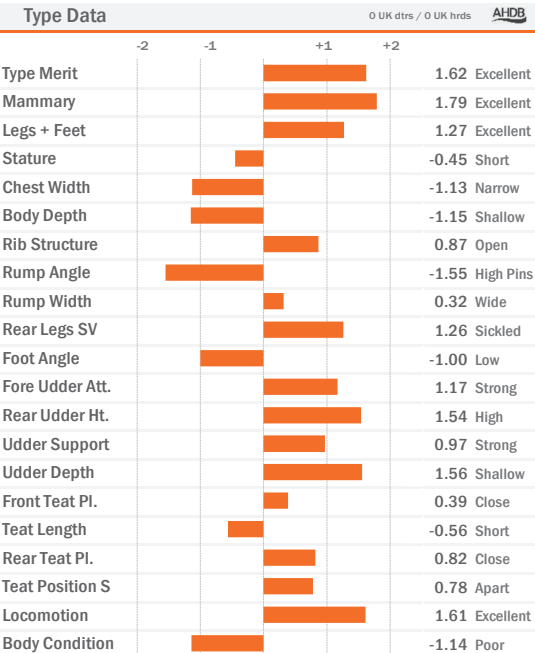
Sire: 3Star OH Ranger Red by Rubels
Dam: Trent-Way JS Rolvo Red by Salvo
MGD: Trent-Way JS Revamp-Red by Splendid

Production Data		
£PLI	£680	66%R
Milk	697 kg	73%R
Fat	35.8 kg	0.09 %
Protein	25.2 kg	0.02 %
UK & Intl Dtrs	0 / 0	0 / 0

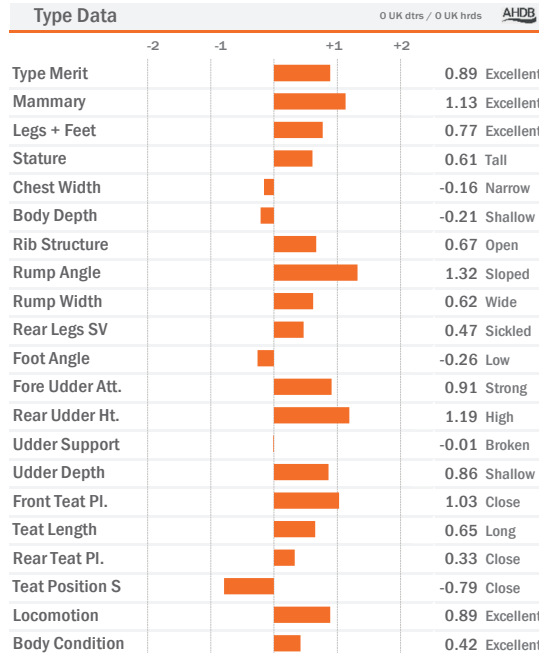
Health + Management Data		
Fertility Index	7.8	Improver
Lifespan (days)	113	Improver
Direct Calving Ease	0.2	Easier
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	0.8	Improver
Somatic Cell Count	-27	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	0.5	Improver
Digital Dermatitis	0.0	Improver
Milking Speed	-0.20	Slower
Temperament	0.39	Curious
Maintenance (kg)	3	Sizeable
TB Advantage	1.7	Improver
HealthyCow	218	Improver
EnviroCow	3.1	Improver

Additional Indices			
TPI@	2881	EcoFeed Hfr	96
NM\$	\$882	EcoFeed Cow	104
PTAT	1.21	RoboticCow	4.2
LPI	3659	Conformation	+4

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, PMS, TPI@, PTAT, CDCB, LPI, CDM, TPI@ is registered trademark of Holstein USA.



Proof Source: April 2024 UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CMS, PMS, TPI@, PTAT, CDCB, LPI, CDM, TPI@ is registered trademark of Holstein USA.

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EDG RUBICON

Mogul x Robust x Planet



Photo Caption: Daughter of Rubicon, Antoinette de Chateau Lebrun VG88

Type Data

1856 UK dtrs / 318 UK hrds

	-2	-1	+1	+2	
Type Merit			[Bar]		2.02 Excellent
Mammary			[Bar]		1.28 Excellent
Legs + Feet			[Bar]		2.10 Excellent
Stature			[Bar]		0.24 Tall
Chest Width			[Bar]		1.21 Wide
Body Depth			[Bar]		0.40 Deep
Rib Structure			[Bar]		0.99 Open
Rump Angle		[Bar]			-1.07 High Pins
Rump Width			[Bar]		0.89 Wide
Rear Legs SV			[Bar]		0.44 Sickled
Foot Angle		[Bar]			-0.18 Low
Fore Udder Att.			[Bar]		0.34 Strong
Rear Udder Ht.			[Bar]		0.71 High
Udder Support			[Bar]		0.26 Strong
Udder Depth				[Bar]	0.00 Deep
Front Teat Pl.			[Bar]		1.45 Close
Teat Length			[Bar]		0.50 Long
Rear Teat Pl.			[Bar]		1.10 Close
Teat Position S			[Bar]		0.86 Apart
Locomotion			[Bar]		2.71 Excellent
Body Condition			[Bar]		0.63 Excellent

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPI®, PTA, CCS, LPI, CDA, TPI® is registered trademark of Holstein USA.

NAAB: 151H000681 / AI Code: H03632
 HBN: HOUSA000072128125 / Source: AHDB ITB
 Breeder: Elite Dairy Genomics, US / Photo Credit: STGenetics

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

Sire: Mountfield S-S-1 Dcy Mogul by Mogul
 Dam: Sandy-Valley Robust Ruby EX90 by Robust
 MGD: Sandy-Valley Plane Sapphire VG87 by Planet

Production Data		
£PLI	£462	99%R
Milk	591 kg	99%R
Fat	41.4 kg	0.20 %
Protein	23.9 kg	0.05 %
UK & Intl Dtrs	3688 / 556	37773 / 6364

UK Dtrs/Hrds Intl Dtrs/Hrds

Health + Management Data

Fertility Index	-9.4	Non-Improver
Lifespan (days)	34	Improver
Direct Calving Ease	-0.5	Harder
Maternal Calving Ease	1.2	Easier
Gestation Length (days)	0	Shorter
Calf Survival	-1.2	Non-Improver
Somatic Cell Count	-11	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	0.9	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	0.79	Faster
Temperament	-0.14	Standoffish
Maintenance (kg)	8	Sizeable
TB Advantage	2.3	Improver
HealthyCow	-1	Non-Improver
EnviroCow	2.4	Improver

Additional Indices

TPI®	2619	EcoFeed Hfr	104
NM\$	\$696	EcoFeed Cow	117
PTAT	1.05	RoboticCow	3.7
LPI	3373	Conformation	+4

Milk Proteins

Kappa Casein	BE	Beta Casein	A1A2
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RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

GENOSOURCE SECURITY

Upside x Renegade x Achiever



Photo Caption: Genosource Security

Type Data

0 UK dtrs / 0 UK hrds

	-2	-1	+1	+2	
Type Merit			[Bar]		0.89 Excellent
Mammary			[Bar]		0.09 Excellent
Legs + Feet			[Bar]		1.57 Excellent
Stature			[Bar]		0.16 Tall
Chest Width				[Bar]	-0.01 Narrow
Body Depth			[Bar]		-0.24 Shallow
Rib Structure			[Bar]		0.75 Open
Rump Angle			[Bar]		0.13 Sloped
Rump Width			[Bar]		-0.41 Narrow
Rear Legs SV			[Bar]		0.71 Sickled
Foot Angle		[Bar]			-0.50 Low
Fore Udder Att.			[Bar]		-0.31 Weak
Rear Udder Ht.			[Bar]		-0.33 Low
Udder Support			[Bar]		0.03 Strong
Udder Depth				[Bar]	-0.13 Deep
Front Teat Pl.			[Bar]		0.24 Close
Teat Length			[Bar]		-0.88 Short
Rear Teat Pl.			[Bar]		0.38 Close
Teat Position S			[Bar]		0.75 Apart
Locomotion			[Bar]		1.90 Excellent
Body Condition			[Bar]		-0.30 Poor

Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPI®, PTA, CCS, LPI, CDA, TPI® is registered trademark of Holstein USA.

NAAB: 551H004908 / AI Code: H07955
 HBN: HO840003010354682 / Source: AHDB GBR
 Breeder: Genosource, US / Photo Credit: Frank Robinson

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

Sire: Famear Upside by Charl
 Dam: Winstar Renegade 6771 by Renegade
 MGD: Ms 9882 Achiever 4522 by Achiever

Production Data		
£PLI	£839	67%R
Milk	652 kg	73%R
Fat	49.4 kg	0.26 %
Protein	28.5 kg	0.08 %
UK & Intl Dtrs	0 / 0	0 / 0

UK Dtrs/Hrds Intl Dtrs/Hrds

Health + Management Data

Fertility Index	10.6	Improver
Lifespan (days)	122	Improver
Direct Calving Ease	-0.2	Harder
Maternal Calving Ease	1.4	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	2.7	Improver
Somatic Cell Count	-16	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	3.0	Improver
Digital Dermatitis	0.9	Improver
Milking Speed	-1.32	Slower
Temperament	0.16	Curious
Maintenance (kg)	0	Compact
TB Advantage	2.4	Improver
HealthyCow	254	Improver
EnviroCow	3.8	Improver

Additional Indices

TPI®	3083	EcoFeed Hfr	98
NM\$	\$1133	EcoFeed Cow	114
PTAT	0.60	RoboticCow	4.4
LPI	3700	Conformation	-1

Milk Proteins

Kappa Casein	AB	Beta Casein	A1A2
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RoboticCow & EcoFeed are evaluated by STGenetics and are exclusive to the STGenetics Group.

GENOSOURCE SHERIFF

Captain x Solution x Redrock



Photo Caption: Genosource Sheriff

NAAB: 551H004806 / AICode: H07809
 HBN: H0840003233645629 / Source: AHDB GBR
 Breeder: Genosource, US / Photo Credit: Patty Jones

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

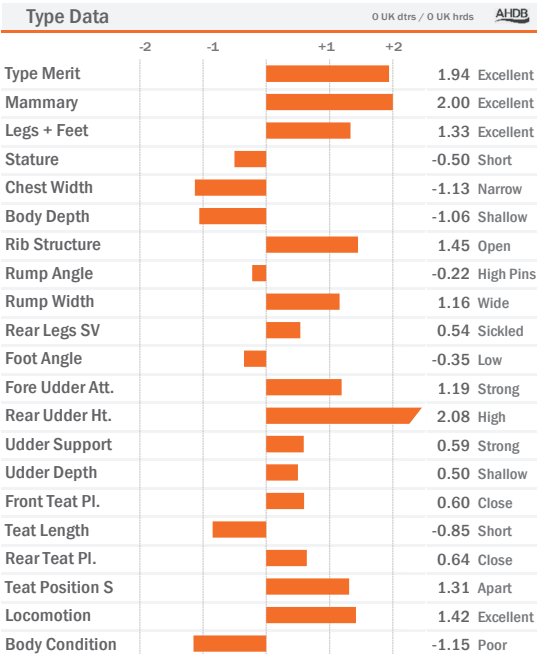
Sire: Genosource Captain by Charl
 Dam: Genosource Mitzy 8214 by Solution
 MGD: Genosource Redrock 41446 by Redrock

Production Data		
£PLI	£783	68%R
Milk	1044 kg	74%R
Fat	49.6 kg	0.08 %
Protein	32.2 kg	-0.02 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		
Fertility Index	3.9	Improver
Lifespan (days)	110	Improver
Direct Calving Ease	0.3	Easier
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	1.6	Improver
Somatic Cell Count	-2	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.8	Improver
Digital Dermatitis	0.6	Improver
Milking Speed	1.09	Faster
Temperament	0.07	Curious
Maintenance (kg)	-15	Compact
TB Advantage	0.6	Improver
HealthyCow	161	Improver
EnviroCow	4.1	Improver

Additional Indices			
TPI®	3123	EcoFeed Hfr	103
NM\$	\$1173	EcoFeed Cow	106
PTAT	1.32	RoboticCow	7.1
LPI	3693	Conformation	+2

Milk Proteins			
Kappa Casein	AE	Beta Casein	A1A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, LPI, CDF, TPI® is registered trademark of Holstein USA.

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DG SPACE

Captain x Charl x Jedi



Photo Caption: DG Space

NAAB: 515H000420 / AICode: H07158
 HBN: HONLD000740210705 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

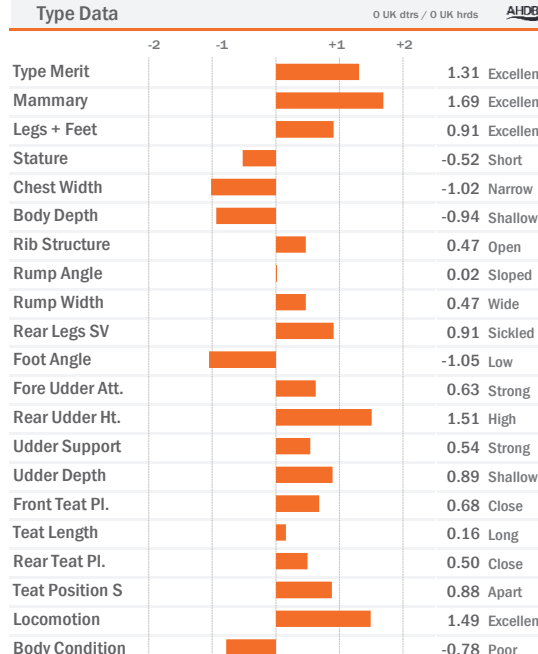
Sire: Genosource Captain by Charl
 Dam: Catharinas DG DV Silka by Charl
 MGD: DE Volmer Sabine by Jedi

Production Data		
£PLI	£873	68%R
Milk	691 kg	74%R
Fat	41.6 kg	0.15 %
Protein	32.9 kg	0.11 %
UK & Intl Dtrs	0 / 0	0 / 0

Health + Management Data		
Fertility Index	9.3	Improver
Lifespan (days)	98	Improver
Direct Calving Ease	0.5	Easier
Maternal Calving Ease	1.0	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	2.9	Improver
Somatic Cell Count	-22	Improver
Mastitis Resistance (%)	-2	Improver
Lameness Advantage	1.9	Improver
Digital Dermatitis	0.6	Improver
Milking Speed	-1.44	Slower
Temperament	0.08	Curious
Maintenance (kg)	-12	Compact
TB Advantage	0.7	Improver
HealthyCow	259	Improver
EnviroCow	3.9	Improver

Additional Indices			
TPI®	3186	EcoFeed Hfr	97
NM\$	\$1192	EcoFeed Cow	100
PTAT	1.20	RoboticCow	4.4
LPI	3684	Conformation	+2

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NM\$, CM\$, FM\$, TPI®, PTAT, CDCB, LPI, CDF, TPI® is registered trademark of Holstein USA.

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DG STEWART

Captain x SubZero x Doc



NAAB: 522H005012 / AICode: H07346
 HBN: HONLD000634724626 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

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

Production Data		
£PLI	£762	68%R
Milk	622 kg	74%R
Fat	38.1 kg	0.15 %
Protein	30.1 kg	0.11 %
UK & Intl Dtrs	0 / 0	0 / 0

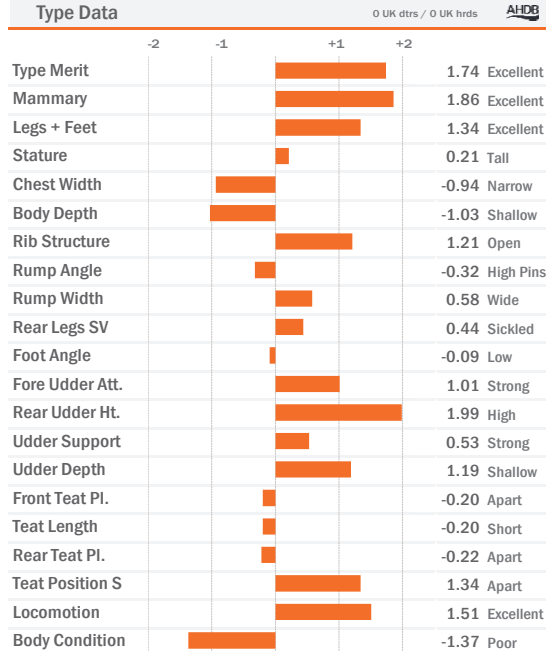
Health + Management Data		
Fertility Index	7.4	Improver
Lifespan (days)	98	Improver
Direct Calving Ease	-0.5	Harder
Maternal Calving Ease	0.3	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	2.3	Improver
Somatic Cell Count	-5	Improver
Mastitis Resistance (%)	-1	Improver
Lameness Advantage	0.3	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	0.80	Faster
Temperament	0.17	Curious
Maintenance (kg)	-7	Compact
TB Advantage	1.8	Improver
HealthyCow	188	Improver
EnviroCow	3.8	Improver

Additional Indices			
TPI®	3190	EcoFeed Hfr	101
NM\$	\$1114	EcoFeed Cow	100
PTAT	2.08	RoboticCow	6.4
LPI	3662	Conformation	+3

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2



Photo Caption: DG Stewart



Proof Source: April 2024. UK Production, Health and Reproduction: AHDB Dairy. UK Type: Holstein UK. International Metrics: NMS, CMS, FMS, TPI®, PTAT, CDF, LPI, CNF, TPI® is registered trademark of Holstein USA.

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STGEN COWEN THORSON

Cowen x Charl x Director



NAAB: 551H004520 / AICode: H07390
 HBN: H0840003213134253 / Source: AHDB GBR
 Breeder: STGenetics, US. / Photo Credit: Han Hopman

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

Sire: Pine-Tree Lionel Cowen by Lionel
 Dam: San-Dan Charl 597 by Charl
 MGD: Mormann Director 56713 by Director

Production Data		
£PLI	£756	66%R
Milk	673 kg	73%R
Fat	52.2 kg	0.28 %
Protein	32.3 kg	0.11 %
UK & Intl Dtrs	0 / 0	0 / 0

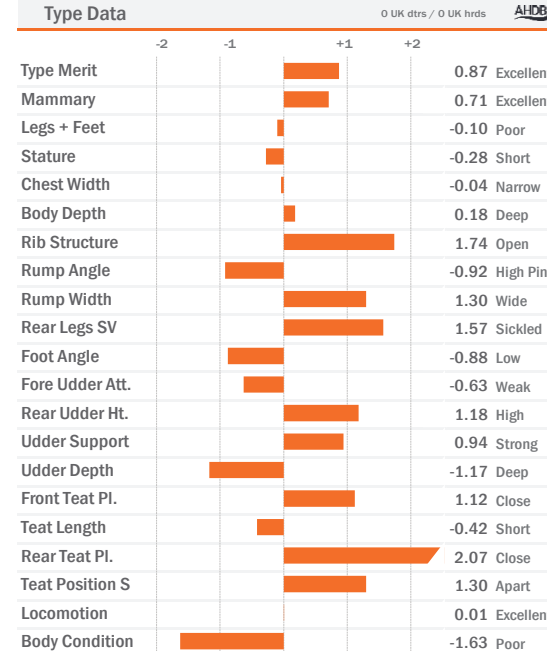
Health + Management Data		
Fertility Index	4.5	Improver
Lifespan (days)	49	Improver
Direct Calving Ease	-0.4	Harder
Maternal Calving Ease	0.6	Easier
Gestation Length (days)	0	Shorter
Calf Survival	2.2	Improver
Somatic Cell Count	-4	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	1.9	Improver
Digital Dermatitis	0.1	Improver
Milking Speed	0.22	Faster
Temperament	0.07	Curious
Maintenance (kg)	-6	Compact
TB Advantage	0.2	Improver
HealthyCow	109	Improver
EnviroCow	3.7	Improver

Additional Indices			
TPI®	3182	EcoFeed Hfr	100
NM\$	\$1284	EcoFeed Cow	101
PTAT	0.89	RoboticCow	5.3
LPI	3381	Conformation	-6

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2



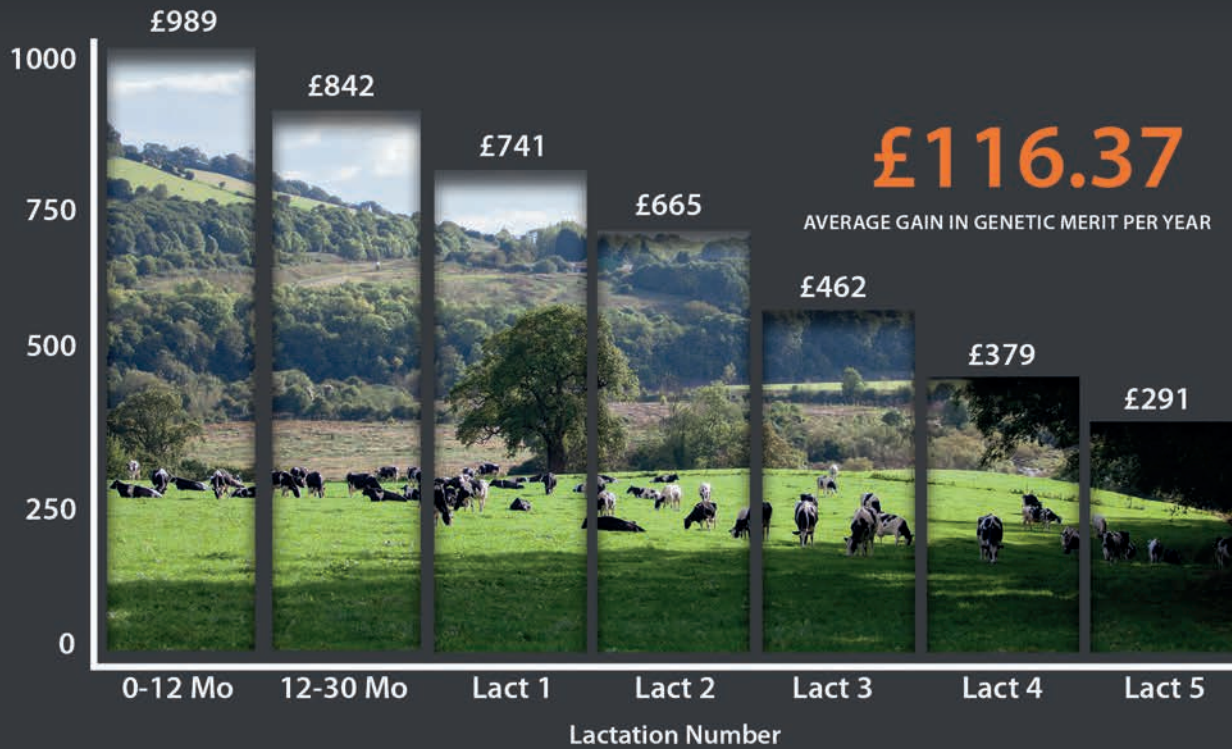
Photo Caption: STGEN Cowen Thorson



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SCAN QR CODE TO FIND OUT MORE



The cogent *difference*



DG TIQ TAQ

Captain x Charl x Jedi



Photo Caption: DG Tiq Taq

Type Data	0 UK dtrs / 0 UK hrds		AHDB		
	-2	-1	+1	+2	
Type Merit					1.20 Excellent
Mammary					0.86 Excellent
Legs + Feet					1.11 Excellent
Stature					-0.63 Short
Chest Width					-1.03 Narrow
Body Depth					-0.37 Shallow
Rib Structure					1.36 Open
Rump Angle					-1.31 High Pins
Rump Width					0.23 Wide
Rear Legs SV					0.46 Sickled
Foot Angle					-0.74 Low
Fore Udder Att.					-0.05 Weak
Rear Udder Ht.					0.82 High
Udder Support					0.60 Strong
Udder Depth					-0.48 Deep
Front Teat Pl.					0.56 Close
Teat Length					-0.65 Short
Rear Teat Pl.					0.70 Close
Teat Position S					1.94 Apart
Locomotion					1.56 Excellent
Body Condition					-1.52 Poor

NAAB: 522H005078 / AICode: H07443
 HBN: HONLD000575219823 / Source: AHDB GBR
 Breeder: Diamond Genetics, DE / Photo Credit: Jane Steel

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

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

Production Data		AHDB
£PLI	£755	68%R
Milk	893 kg	74%R
Fat	47.8 kg	0.13 %
Protein	32.5 kg	0.03 %
UK & Intl Dtrs	0 / 0	0 / 0
<small>UK Dtrs/Hrds</small>		<small>Intl Dtrs/Hrds</small>

Health + Management Data		AHDB
Fertility Index	2.1	Improver
Lifespan (days)	40	Improver
Direct Calving Ease	-0.1	Harder
Maternal Calving Ease	0.4	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	2.3	Improver
Somatic Cell Count	-8	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	2.2	Improver
Digital Dermatitis	0.7	Improver
Milking Speed	0.12	Faster
Temperament	0.00	Standoffish
Maintenance (kg)	-15	Compact
TB Advantage	0.5	Improver
HealthyCow	116	Improver
EnviroCow	3.8	Improver

Additional Indices			
TPI®	3218	EcoFeed Hfr	101
NM\$	\$1241	EcoFeed Cow	93
PTAT	1.31	RoboticCow	6.7
LPI	3546	Conformation	-3

Milk Proteins			
Kappa Casein	AA	Beta Casein	A2A2

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NOVUM UNIMOG

Ranger-Red x Alcove x Eugenio



Photo Caption: Novum Unimog

Type Data	0 UK dtrs / 0 UK hrds		AHDB		
	-2	-1	+1	+2	
Type Merit					1.36 Excellent
Mammary					1.12 Excellent
Legs + Feet					0.97 Excellent
Stature					0.36 Tall
Chest Width					1.45 Wide
Body Depth					0.87 Deep
Rib Structure					0.76 Open
Rump Angle					2.12 Sloped
Rump Width					1.37 Wide
Rear Legs SV					0.46 Sickled
Foot Angle					-0.22 Low
Fore Udder Att.					0.63 Strong
Rear Udder Ht.					1.62 High
Udder Support					-0.73 Broken
Udder Depth					0.09 Shallow
Front Teat Pl.					0.86 Close
Teat Length					0.56 Long
Rear Teat Pl.					-0.66 Apart
Teat Position S					-0.12 Close
Locomotion					1.05 Excellent
Body Condition					1.02 Excellent

NAAB: 551H005191 / AICode:
 HBN: HOCAN00014241112 / Source: AHDB GBR
 Breeder: / Photo Credit: Patty Jones

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

Sire: 3Star OH Ranger Red by Rubels
 Dam: Novum Mercredi Alcove 6558 by Alcove
 MGD: Progenesis Eugenio Mercedes by Eugenio

Production Data		AHDB
£PLI	£552	66%R
Milk	783 kg	73%R
Fat	30.5 kg	-0.01 %
Protein	26.2 kg	0.00 %
UK & Intl Dtrs	0 / 0	0 / 0
<small>UK Dtrs/Hrds</small>		<small>Intl Dtrs/Hrds</small>

Health + Management Data		AHDB
Fertility Index	4.7	Improver
Lifespan (days)	61	Improver
Direct Calving Ease	-0.2	Harder
Maternal Calving Ease	1.1	Easier
Gestation Length (days)	-2	Shorter
Calf Survival	0.6	Improver
Somatic Cell Count	-15	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	0.2	Improver
Digital Dermatitis	0.1	Improver
Milking Speed	0.74	Faster
Temperament	0.84	Curious
Maintenance (kg)	11	Sizeable
TB Advantage	1.7	Improver
HealthyCow	129	Improver
EnviroCow	2.5	Improver

Additional Indices			
TPI®	2724	EcoFeed Hfr	101
NM\$	\$653	EcoFeed Cow	103
PTAT	1.59	RoboticCow	4.1
LPI	3637	Conformation	+8

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2

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COGENT B WALLACE

Upside x Acura x Samaritan



Photo Caption: Cogent B Wallace

NAAB: 522H005069 / AICode: H07571
HBN: H0GBR582935216506 / Source: AHDB GBR
Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

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

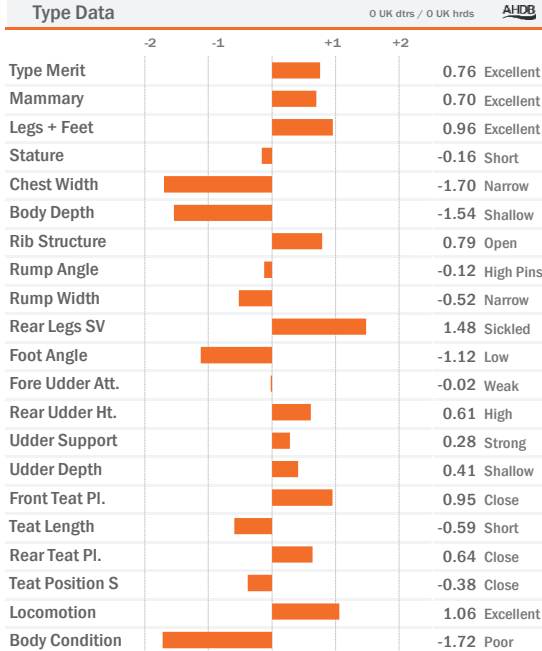
Sire: Farnear Upside by Charl
Dam: Pine-Tree 8178 Acura 8667 by Acura
MGD: Pine-Tree 7593 Sama 8178 by Samaritan

Production Data		
£PLI	£729	67%R
Milk	759 kg	73%R
Fat	33.9 kg	0.04 %
Protein	29.8 kg	0.05 %
UK & Intl Dtrs	0 / 0	0 / 0
	<small>UK Dtrs/Hrds</small>	<small>Intl Dtrs/Hrds</small>

Health + Management Data		
Fertility Index	11.8	Improver
Lifespan (days)	85	Improver
Direct Calving Ease	-0.7	Harder
Maternal Calving Ease	0.9	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	1.7	Improver
Somatic Cell Count	-8	Improver
Mastitis Resistance (%)	0	Non-Improver
Lameness Advantage	2.1	Improver
Digital Dermatitis	0.4	Improver
Milking Speed	0.09	Faster
Temperament	0.62	Curious
Maintenance (kg)	-14	Compact
TB Advantage	0.7	Improver
HealthyCow	200	Improver
EnviroCow	3.5	Improver

Additional Indices			
TPI®	3079	EcoFeed Hfr	94
NM\$	\$1166	EcoFeed Cow	103
PTAT	0.28	RoboticCow	5.0
LPI	3552	Conformation	-3

Milk Proteins			
Kappa Casein	BB	Beta Casein	A2A2



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COGENT ZODIAC

Wavelength x Rubi-Agronaut x Delta



Photo Caption: Cogent Zodiac

NAAB: 522H004434 / AICode: H06685
HBN: H0GBR103122203644 / Source: AHDB GBR
Breeder: Cogent Breeding, GB / Photo Credit: Jane Steel

BYF CDF CLF CNF CVF DPF MWT
HH1C HH2T HH3T HH4T HH5T HH6T

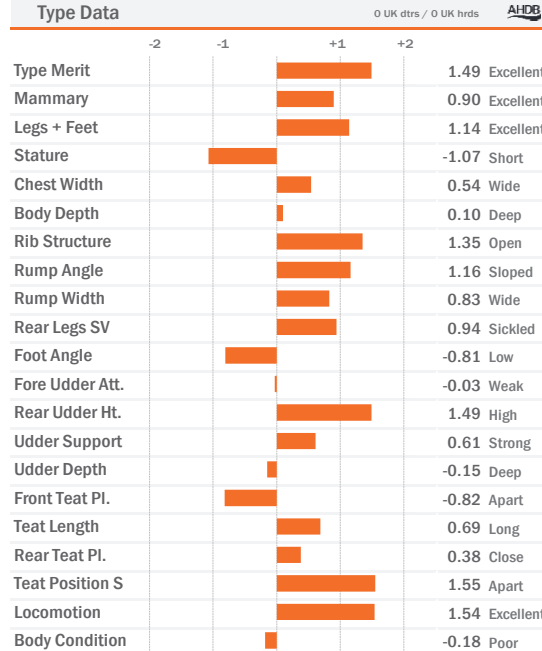
Sire: Wisselview Wavelength by Imax
Dam: I'pride R'dane Agronaut Zoe 2 VG87 by Agronaut
MGD: I'pride R'dane Delta Zoe GP84 by Delta

Production Data		
£PLI	£575	68%R
Milk	748 kg	74%R
Fat	34.6 kg	0.05 %
Protein	28.8 kg	0.05 %
UK & Intl Dtrs	0 / 0	0 / 0
	<small>UK Dtrs/Hrds</small>	<small>Intl Dtrs/Hrds</small>

Health + Management Data		
Fertility Index	4.4	Improver
Lifespan (days)	34	Improver
Direct Calving Ease	-0.2	Harder
Maternal Calving Ease	0.8	Easier
Gestation Length (days)	-1	Shorter
Calf Survival	-1.4	Non-Improver
Somatic Cell Count	-2	Improver
Mastitis Resistance (%)	2	Non-Improver
Lameness Advantage	2.3	Improver
Digital Dermatitis	1.0	Improver
Milking Speed	0.07	Faster
Temperament	-0.46	Standoffish
Maintenance (kg)	-9	Compact
TB Advantage	4.7	Improver
HealthyCow	65	Improver
EnviroCow	2.8	Improver

Additional Indices			
TPI®	2674	EcoFeed Hfr	106
NM\$	\$772	EcoFeed Cow	95
PTAT	0.56	RoboticCow	5.4
LPI	3607	Conformation	+3

Milk Proteins			
Kappa Casein	AB	Beta Casein	A2A2



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