



December Proofs 2011



www.cogentuk.com



Welcome to Cogent's December 2011 proofs. We have once again strengthened our position as the out-and-out leader in British genetics as graduates from our Visions young sire programme are ranked as the number one and two UK-tested Holstein bulls for PLI.

Ballycairn Tiergan and **Cogent Twist**, who have PLIs of £216 and £199 respectively, are two outstanding production bulls that can go a long way in helping you boost your milk cheque.

Another standout bull is **Woodmarsh Asterix** whose world-class pedigree and genetics are living up to all expectations.

With **Woodmarsh Throttle**, **Aintree Nannerch** and **Catrrona Hotshot**, Cogent are adding three new Shottle sons to the line-up who are all combining solid type figures with plenty of milk.

New addition and high-milk transmitter **Cogent Rasputin** offers an outcross pedigree being a son of Cogent's very own Joylan Roxell.















Finally we are very excited about our British Friesian bull **Bradash Tournament *RC** who has graduated with outstanding figures for both type and production and about our Jersey graduate **Potterswalls Belles Pride** who makes his debut with tremendous type figures.

I hope you find this proof catalogue useful and thank you for your continued support.

A handwritten signature in dark ink, appearing to be 'G. Andringa', written over a light, textured background.

Gerbrich Andringa
Cogent Export Manager

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Did you know that Cogent was the first company in the world to offer sexed semen commercially?

With more than 10 years of on-farm experience Cogent has been able to improve the product greatly from its original form with the implementation of various new techniques including world leading quality controls and a world exclusive freezing technique.

Cogent use more quality control in the semen sexing process than any other stud in the world.

Cogent developed and uses the Harmony Freeze technique - an incredible process that leaves a significantly higher proportion of live, healthy sperm after thawing than any other commercial freezing method available.



More live healthy semen means more pregnancies!

Cogent offers the most comprehensive list of bulls available sexed, combined with the most robust and reliable product, tried and tested around the world.

"Using Cogent sexed semen I've had 120 calvings, of which 117 were heifers. I inseminate 60% of the herd with Cogent sexed semen and have a massive surplus of heifers."

James Neale, Production for R & B Farms, Wiltshire, UK 2006

The Benefits of sexed semen



Increase your herd size

Sexed Semen is a great way of increasing your herd size without having to spend large amounts on replacement heifers, and avoiding the disease risk of bringing in heifers from other farms.



Breed more heifers to sell

With a high demand in your country for heifers, using Sexed Semen is an ideal way to breed more females and sell the surplus on the market.



Easier Calvings

With Sexed Semen you will get more heifer calves, who are born easier than bull calves. This means lower veterinary costs, less future fertility problems, and an easier life for you.



More Genetic Progress

Breeding heifers from maiden heifers and your best animals gives you maximum genetic progress.



Breed more beef crosses

Using Cogent Sexed Semen frees up more cows to use high quality beef on.



With over 1.2 million heifer calves born all over the world using Cogent sexed semen...
Is it any wonder we have satisfied customers?

Getting it Right

Cogent Sexed Semen can make you so much money. Success is all about careful planning and preparation of both animal and semen.

By adhering to some basic principles, from choosing the right cows and heifers, followed by handling the semen correctly, Sexed Semen can provide fit and healthy heifer calves for your dairy herd.

An information leaflet with Your Guide to Success in using Cogent Sexed Semen is available for downloading from our website at:

<http://www.cogentuk.com/international/>

This leaflet covers all the issues that are important for achieving good conception rates:

- ➔ Choosing the right animals
- ➔ Nutrition and health
- ➔ Handling sexed semen
- ➔ Service Time



Global Success

South African dairy farmer Andrew Rabie, Dasvlei Holsteins, milks 260 cows and had been struggling to increase his herd size.

He has now been using sexed semen for almost two years on all his heifers and some of the milking cows inseminating with Cogent Easter, Cogent Twist, Hydaways Goldmine, Willsbro Red Razzle, Sterndale Roseman Red and recently, Woodmarsh Metallic. Andrew has been really impressed with Cogent sexed semen and out of the 40 calvings he has had only two bull calves.

"I've had much less calving problems because I'm getting more heifers. The Twist calves are very lively, robust and strong and I hope to get quite a few more. Our summers are very hot here in the Western Cape so to increase conception rates I only use sexed semen during the cooler months of the year, so far I have only seen a very small difference in conception rates between sexed semen and conventional semen if the semen is handled properly."

A photograph of Andrew Rabie, a South African dairy farmer, standing in a barn with a black and white Red Razzle calf. He is wearing a light blue polo shirt, green pants, and a blue cap. The calf is standing on a bed of straw. The background is a light-colored wall with some stains.

Andrew Rabie
with a Red Razzle calf

Cogent Twist

Shottle x VG88 Major x VG86 Winchester

World leading Shottle son



 Cogent Twist EX92

Production UK Dtrs 79 UK Herds 47 Rel 93%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
603	36.9	+0.16	22.9	+0.04	£52	£199	+0.1	-3.8	-0.8	-13

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.3
Feet & Legs	Poor								Excellent	1.8
Udders	Poor								Excellent	0.8
Temperament	Poor								Good	1.9
Ease of Milking	Slow								Fast	-0.3
Locomotion	Poor								Excellent	1.6
Stature	130 cm								154 cm	1.6
Chest Width	Narrow								Wide	0.9
Body Depth	Shallow								Deep	0.9
Angularity	Coarse								Open Rib	0.5
Rump Angle	High Pins								Low Pins	2.1
Rump Width	Narrow								Wide	2.3
Rear Legs Side	Straight								Sickled	-0.4
Foot Angle	Low								Steep	-0.1
Fore Udder Attach	Loose								Tight	0.3
Rear Udder Height	Very Low								Very High	0.4
Udder Support	Broken								Strong	0.0
Udder Depth	Below								20cm Above	-0.3
Front Teat Place	Outside								Close	-0.1
Teat Pos Side	Close								Apart	1.4
Teat Length	Short								Long	0.8
Rear Teat Place	Apart								Close	-0.7
Condition Score	Low								High	1.0

UK dtrs/UK herds 52/31 80% Rel



Cogent Progeny Evaluator

Andy Smith

“There is no doubt that with his credentials, Twist screams sire of sons material. His daughters ooze dairy strength, have width and power throughout with wide muzzles allowing them to be aggressive eaters. His stylish daughters have tremendous frames and are long with deep open ribs and clean bone.

Udders are held high and wide with strong central ligaments and have outstanding quality, texture and veination, allowing them to have the ability to produce high volumes of quality milk. Being extremely functional cows, they move with ease and have tremendous locomotion. His proof shows good overall type combined with phenomenal production, health and fitness traits - making him a bull not to be missed by today’s forward thinking dairy producers.”



➔ Dtr: Shirewood Twist Braakensiek VG87 - 3rd lact



➔ Dtr: Netherholme Twist Grace EX90

Ballycairn Tiergan

Goldwyn x VG87 Garter x EX90 Boudewijn

The UK's No.1 PLI sire



 Dtr: Barnell Tiergan Lucilla

Production UK Dtrs 71 UK Herds 47 Rel 92%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
397	31.3	+0.19	18.6	+0.07	£46	£216	+0.2	+1.7	+0.8	-18

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.8
Feet & Legs	Poor								Excellent	1.3
Udders	Poor								Excellent	1.8
Temperament	Poor								Good	-0.1
Ease of Milking	Slow								Fast	-0.6
Locomotion	Poor								Excellent	1.9
Stature	130 cm								154 cm	1.0
Chest Width	Narrow								Wide	0.7
Body Depth	Shallow								Deep	1.3
Angularity	Coarse								Open Rib	0.7
Rump Angle	High Pins								Low Pins	0.0
Rump Width	Narrow								Wide	0.4
Rear Legs Side	Straight								Sickled	-1.7
Foot Angle	Low								Steep	2.0
Fore Udder Attach	Loose								Tight	1.3
Rear Udder Height	Very Low								Very High	2.4
Udder Support	Broken								Strong	1.3
Udder Depth	Below								20cm Above	0.9
Front Teat Place	Outside								Close	0.2
Teat Pos Side	Close								Apart	0.4
Teat Length	Short								Long	0.6
Rear Teat Place	Apart								Close	0.4
Condition Score	Low								High	-0.3

UK dtrs/UK herds 55/38 79% Rel



Owner's Pride

Hugh Neilson, Overside Holsteins, Scotland

"I am milking three Tiergan heifers, two of which are coming to the end of their first lactation and have milked consistently well throughout. I admire the dairy-ness combined with the overall strength that the bull has stamped them with.

They all excel for dairy strength, with one scoring EX90 in this category. They are clean boned youthful heifers with outstanding veination, quality and texture to their udders. They are a pleasure to work with and have got back in-calf easily."



Dtr: Broomhouse Tiergan Diva 2722 VG86



Dtr: Walfordmanor Tiergan Mattie 2

Woodmarsh Asterix

Shottle x EX91 Durham x EX96 Encore

Shottle from the Ashlyns



 Dtr: Channelbank Asterix Diamond VG86

Production UK Dtrs 98 UK Herds 71 Rel 94%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
350	4.0	-0.12	10.7	-0.01	£12	£81	+0.2	-2.0	+0.1	-11

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	2.3
Feet & Legs	Poor								Excellent	2.1
Udders	Poor								Excellent	2.0
Temperament	Poor								Good	3.1
Ease of Milking	Slow								Fast	1.8
Locomotion	Poor								Excellent	2.1
Stature	130 cm								154 cm	2.5
Chest Width	Narrow								Wide	0.8
Body Depth	Shallow								Deep	1.6
Angularity	Coarse								Open Rib	1.2
Rump Angle	High Pins								Low Pins	0.5
Rump Width	Narrow								Wide	2.2
Rear Legs Side	Straight								Sickled	-0.1
Foot Angle	Low								Steep	0.7
Fore Udder Attach	Loose								Tight	1.0
Rear Udder Height	Very Low								Very High	1.3
Udder Support	Broken								Strong	1.8
Udder Depth	Below								20cm Above	1.2
Front Teat Place	Outside								Close	1.2
Teat Pos Side	Close								Apart	1.7
Teat Length	Short								Long	-0.6
Rear Teat Place	Apart								Close	0.7
Condition Score	Low								High	-0.2

UK dtrs/UK herds 91/73 86% Rel



Cogent Progeny Evaluator

Andy Smith

“Asterix daughters are very black, stylish, deep bodied heifers with snug, well attached, wide udders. They have outstanding veination, texture and overall quality. They move freely and easily on an excellent set of legs and feet. This bull will breed animals with dairy strength and style.

If you are looking for a bull to produce daughters with class then this is the bull for you. He is bred from one of the greatest show winning families in the world and will continue the legacy of this great family.”



Dtr: Bowlandview Asterix Lys VG86



Dtr: Boyesland Asterix Maria VG86

Woodmarsh Throttle

Shottle x VG89 Dutch Boy x EX90 Convincer

A breed leader for rear udders



 Dtr: Shirewood Throttle Adam VG85

Production UK Dtrs 57 UK Herds 38 Rel 90%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
575	17.7	-0.06	7.4	-0.13	£11	£64	+0.2	-5.8	+0.9	-15

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.8
Feet & Legs	Poor								Excellent	1.4
Udders	Poor								Excellent	1.7
Temperament	Poor								Good	1.7
Ease of Milking	Slow								Fast	0.1
Locomotion	Poor								Excellent	1.4
Stature	130 cm								154 cm	1.8
Chest Width	Narrow								Wide	0.8
Body Depth	Shallow								Deep	2.3
Angularity	Coarse								Open Rib	2.1
Rump Angle	High Pins								Low Pins	0.8
Rump Width	Narrow								Wide	1.0
Rear Legs Side	Straight								Sickled	0.6
Foot Angle	Low								Steep	0.0
Fore Udder Attach	Loose								Tight	1.4
Rear Udder Height	Very Low								Very High	2.0
Udder Support	Broken								Strong	3.2
Udder Depth	Below								20cm Above	1.1
Front Teat Place	Outside								Close	1.1
Teat Pos Side	Close								Apart	2.0
Teat Length	Short								Long	0.7
Rear Teat Place	Apart								Close	2.0
Condition Score	Low								High	-0.6

UK dtrs/UK herds 49/30 77% Rel



Cogent Progeny Evaluator

Andy Smith

The Throttle daughters I have seen have been predominantly black. They have hard tops and are clean in the bone. The Throttles have all got super legs and feet, good heal depth and excellent locomotion but the most impressive part is the udders. They have super udders which are attached high and wide. For a big milk bull the quality, height and attachments is incredible.



→ Dtr: Shirewood Throttle Doutzen GP82



→ Dtr: Sharp Throttle VG87 (non pedigree)

Hydaways Goldmine

Goldwyn x EX92 Patron x EX95-3E Inspiration

Complete package Goldwyn son



→ Dtr: Hillstar Goldmine Lessie GP84

Production UK Dtrs 94 UK Herds 47 Rel 94%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
546	22.6	+0.01	12.3	-0.07	£24	£149	+0.3	+1.8	+0.6	-22

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.6
Feet & Legs	Poor								Excellent	1.7
Udders	Poor								Excellent	1.4
Temperament	Poor								Good	-0.2
Ease of Milking	Slow								Fast	1.5
Locomotion	Poor								Excellent	1.8
Stature	130 cm								154 cm	1.4
Chest Width	Narrow								Wide	0.1
Body Depth	Shallow								Deep	1.4
Angularity	Coarse								Open Rib	1.5
Rump Angle	High Pins								Low Pins	-0.8
Rump Width	Narrow								Wide	1.4
Rear Legs Side	Straight								Sickled	0.2
Foot Angle	Low								Steep	0.3
Fore Udder Attach	Loose								Tight	0.9
Rear Udder Height	Very Low								Very High	1.4
Udder Support	Broken								Strong	1.2
Udder Depth	Below								20cm Above	0.3
Front Teat Place	Outside								Close	1.0
Teat Pos Side	Close								Apart	-0.7
Teat Length	Short								Long	-0.1
Rear Teat Place	Apart								Close	1.3
Condition Score	Low								High	-1.0

UK dtrs/UK herds 67/41 81% Rel



Owner's Pride.

Harry Jolly, 125 cows, Lancashire

“My four milking Goldmine heifers are very good to work with and I am very happy with them. Their temperaments are very good and as they look after themselves well - I hardly notice them.

They have well attached udders with good legs and feet. He stamps them with strength, depth and openness of rib. They are good to manage and I will be using Goldmine again.

I have no complaints with them at all.”



Dtr: Hillhead Goldmine Majik VG86



Dtr: Hillhead Goldmine Vision VG85

Cogent Azure

O-man x VG89 Aaron x VG86 Winchester

Strong, fertile cattle that carry condition



 Dtr: Lachstone Azure Rose EX91

Production UK Dtrs 85 UK Herds 55 Rel 94%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
735	17.6	-0.13	22.8	-0.01	£33	£141	+0.1	+3.4	+1.2	+4

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	0.8
Feet & Legs	Poor								Excellent	1.2
Udders	Poor								Excellent	0.5
Temperament	Poor								Good	-1.1
Ease of Milking	Slow								Fast	0.5
Locomotion	Poor								Excellent	0.8
Stature	130 cm								154 cm	0.5
Chest Width	Narrow								Wide	1.1
Body Depth	Shallow								Deep	0.7
Angularity	Coarse								Open Rib	0.1
Rump Angle	High Pins								Low Pins	0.9
Rump Width	Narrow								Wide	-0.5
Rear Legs Side	Straight								Sickled	-0.2
Foot Angle	Low								Steep	0.2
Fore Udder Attach	Loose								Tight	0.1
Rear Udder Height	Very Low								Very High	0.8
Udder Support	Broken								Strong	1.3
Udder Depth	Below								20cm Above	1.2
Front Teat Place	Outside								Close	0.6
Teat Pos Side	Close								Apart	-1.1
Teat Length	Short								Long	-1.0
Rear Teat Place	Apart								Close	1.3
Condition Score	Low								High	0.2

UK dtrs/UK herds 60/37 81% Rel



Owner's Pride.

Jeremy Platt, 500 cows, Cheshire

“My favourite Azure was the highest producing heifer in the herd and gave 10,467kgs at 3.4%F, 3.2%P, she got back in-calf first time and calved again only 11 months later. She has now calved three times in under three years and is classified EX91.

They are very robust, well-balanced cows which carry a little more condition and give a superb yield throughout lactation. Being great in cubicles, they are very easy to manage and are the type of cow you don't notice.”



 Dtr: Alsan Azure Joan 38 VG87

Kepeculloch Douglas

Shottle x EX91-2E Rudolph x EX90 Chief Eddy

Health trait king with high type



➔ Dtr: Painley Douglas Jemima 9 VG87

Production UK Dtrs 112 UK Herds 67 Rel 95%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
67	18.9	+0.20	2.2	0.00	£17	£123	+0.3	+3.8	-0.1	-12

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	2.0
Feet & Legs	Poor								Excellent	1.7
Udders	Poor								Excellent	1.6
Temperament	Poor								Good	1.1
Ease of Milking	Slow								Fast	0.6
Locomotion	Poor								Excellent	1.3
Stature	130 cm								154 cm	1.1
Chest Width	Narrow								Wide	0.8
Body Depth	Shallow								Deep	0.1
Angularity	Coarse								Open Rib	-0.6
Rump Angle	High Pins								Low Pins	0.5
Rump Width	Narrow								Wide	0.7
Rear Legs Side	Straight								Sickled	0.0
Foot Angle	Low								Steep	-0.7
Fore Udder Attach	Loose								Tight	1.7
Rear Udder Height	Very Low								Very High	0.9
Udder Support	Broken								Strong	0.4
Udder Depth	Below								20cm Above	2.1
Front Teat Place	Outside								Close	0.5
Teat Pos Side	Close								Apart	0.2
Teat Length	Short								Long	-0.5
Rear Teat Place	Apart								Close	-0.1
Condition Score	Low								High	0.3

UK dtrs/UK herds 85/56 84% Rel



Owner's Pride.

Ed Seaton, 200 cows, Shropshire

"All my Douglas daughters are very easy to manage. They are trouble free cattle which have all held to their first service and are a pleasure to work with. They are correct, very well put together and are maturing into really good cows. They have excellent legs and feet with really tight udders.

They are all an improvement on their dams and I am back using him with both sexed and conventional semen."



→ Dtr: Shanael Douglas Belle GP83



→ Dtr: Styche Douglas Hilgonda VG88

Cogent Loader

Morty x VG88 Tugolo x VG85 Celsius

Milk and Power



 Dtr: Kilnhall Emblem 16 GP84

Production UK Dtrs 143 UK Herds 91 Rel 96%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
737	8.4	-0.24	12.9	-0.13	£9	£45	-0.1	-0.1	-0.3	+2

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	2.5
Feet & Legs	Poor								Excellent	2.8
Udders	Poor								Excellent	1.9
Temperament	Poor								Good	0.9
Ease of Milking	Slow								Fast	0.6
Locomotion	Poor								Excellent	3.1
Stature	130 cm								154 cm	1.3
Chest Width	Narrow								Wide	0.8
Body Depth	Shallow								Deep	1.2
Angularity	Coarse								Open Rib	1.0
Rump Angle	High Pins								Low Pins	-2.1
Rump Width	Narrow								Wide	-0.9
Rear Legs Side	Straight								Sickled	-2.1
Foot Angle	Low								Steep	2.4
Fore Udder Attach	Loose								Tight	1.5
Rear Udder Height	Very Low								Very High	1.4
Udder Support	Broken								Strong	0.6
Udder Depth	Below								20cm Above	0.6
Front Teat Place	Outside								Close	1.6
Teat Pos Side	Close								Apart	1.2
Teat Length	Short								Long	-0.1
Rear Teat Place	Apart								Close	0.8
Condition Score	Low								High	0.2

UK dtrs/UK herds 97/63 86% Rel



Owner's Pride.

Stuart Campbell, 80 cows, Staffordshire

"I am milking five Loaders which are all outstanding. One has given 11,500kgs and the rest 9,000kgs as heifers. All five got back in-calf with their first service and have excellent feet and legs. Being so pleased with progeny, I have bought more semen and I'm also using him sexed."



➔ Dtr: Catshead Burobis 16 VG85



➔ Dtr: Seaville Loader Angela VG89

Cogent Destiny

Shottle x EX90 BW Marshall x VG88 Decision

High milk and easy calving



→ Dtr: Shirewood Destiny Orlando VG85

Production UK Dtrs 86 UK Herds 42 Rel 93%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
791	22.7	-0.10	17.3	-0.10	£26	£88	0.0	-8.1	+1.2	-19

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.3
Feet & Legs	Poor								Excellent	1.0
Udders	Poor								Excellent	1.2
Temperament	Poor								Good	2.1
Ease of Milking	Slow								Fast	1.1
Locomotion	Poor								Excellent	0.9
Stature	130 cm								154 cm	0.7
Chest Width	Narrow								Wide	-0.6
Body Depth	Shallow								Deep	-0.1
Angularity	Coarse								Open Rib	0.6
Rump Angle	High Pins								Low Pins	1.1
Rump Width	Narrow								Wide	-0.2
Rear Legs Side	Straight								Sickled	-0.2
Foot Angle	Low								Steep	-0.2
Fore Udder Attach	Loose								Tight	0.8
Rear Udder Height	Very Low								Very High	0.7
Udder Support	Broken								Strong	1.3
Udder Depth	Below								20cm Above	0.5
Front Teat Place	Outside								Close	0.6
Teat Pos Side	Close								Apart	0.5
Teat Length	Short								Long	-0.3
Rear Teat Place	Apart								Close	0.8
Condition Score	Low								High	-0.4

UK dtrs/UK herds 55/31 79% Rel



Cogent Determined

Best x VG87 Decision x EX91 Luke

High fat & protein transmitter



Dtr: Westcott Deter Holly N/C

Production UK Dtrs 91 UK Herds 49 Rel 94%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
561	22.0	0.00	19.9	+0.02	£36	£101	0.0	-8.5	+1.4	+15

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.4
Feet & Legs	Poor								Excellent	1.9
Udders	Poor								Excellent	0.9
Temperament	Poor								Good	0.6
Ease of Milking	Slow								Fast	0.8
Locomotion	Poor								Excellent	2.0
Stature	130 cm								154 cm	-0.2
Chest Width	Narrow								Wide	0.9
Body Depth	Shallow								Deep	0.6
Angularity	Coarse								Open Rib	0.2
Rump Angle	High Pins								Low Pins	0.0
Rump Width	Narrow								Wide	-0.9
Rear Legs Side	Straight								Sickled	-1.3
Foot Angle	Low								Steep	1.5
Fore Udder Attach	Loose								Tight	0.9
Rear Udder Height	Very Low								Very High	1.2
Udder Support	Broken								Strong	1.1
Udder Depth	Below								20cm Above	-0.1
Front Teat Place	Outside								Close	0.2
Teat Pos Side	Close								Apart	-0.1
Teat Length	Short								Long	0.6
Rear Teat Place	Apart								Close	0.8
Condition Score	Low								High	0.2

UK dtrs/UK herds 60/36 79% Rel



Cogent Disciple

Goldwyn x EX90 BW Marshall x VG88 Decision

High milk Goldwyn son



 Dtr: Langshaw Carrie 26 N/C

Production UK Dtrs 69 UK Herds 45 Rel 92%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
628	24.1	-0.01	17.5	-0.03	£32	£109	0.0	-5.9	-0.9	-9

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor					1			Excellent	1.0
Feet & Legs	Poor					1			Excellent	1.5
Udders	Poor					1			Excellent	0.7
Temperament	Poor					1			Good	1.5
Ease of Milking	Slow					2			Fast	2.2
Locomotion	Poor					1			Excellent	1.5
Stature	130 cm					1			154 cm	1.5
Chest Width	Narrow					1			Wide	0.2
Body Depth	Shallow					2			Deep	2.3
Angularity	Coarse					2			Open Rib	1.8
Rump Angle	High Pins					1			Low Pins	0.3
Rump Width	Narrow					1			Wide	0.7
Rear Legs Side	Straight					1			Sickled	-0.4
Foot Angle	Low					1			Steep	0.8
Fore Udder Attach	Loose					1			Tight	0.7
Rear Udder Height	Very Low					1			Very High	1.1
Udder Support	Broken					1			Strong	1.0
Udder Depth	Below					1			20cm Above	-0.4
Front Teat Place	Outside					1			Close	1.1
Teat Pos Side	Close					1			Apart	0.6
Teat Length	Short					1			Long	-0.3
Rear Teat Place	Apart					1			Close	1.1
Condition Score	Low					1			High	-1.4

UK dtrs/UK herds 30/21 70% Rel



Cattrona Hotshot

Shottle x EX90-3E Gibson x EX90-2E Clyde

NEW SIRE DECEMBER 2011

Adds strength and capacity



 Dtr: Kirktonfield Hotshot Shiela GP84

Production UK Dtrs 65 UK Herds 38 Rel 91%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
481	15.8	-0.04	9.8	-0.07	£16	£86	+0.3	-4.6	-1.6	-3

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.7
Feet & Legs	Poor								Excellent	1.5
Udders	Poor								Excellent	1.7
Temperament	Poor								Good	1.5
Ease of Milking	Slow								Fast	0.3
Locomotion	Poor								Excellent	1.4
Stature	130 cm								154 cm	0.8
Chest Width	Narrow								Wide	0.8
Body Depth	Shallow								Deep	1.7
Angularity	Coarse								Open Rib	1.4
Rump Angle	High Pins								Low Pins	1.0
Rump Width	Narrow								Wide	2.1
Rear Legs Side	Straight								Sickled	-0.5
Foot Angle	Low								Steep	1.0
Fore Udder Attach	Loose								Tight	1.6
Rear Udder Height	Very Low								Very High	1.3
Udder Support	Broken								Strong	1.2
Udder Depth	Below								20cm Above	1.0
Front Teat Place	Outside								Close	0.4
Teat Pos Side	Close								Apart	0.8
Teat Length	Short								Long	0.7
Rear Teat Place	Apart								Close	0.4
Condition Score	Low								High	-0.2

UK dtrs/UK herds 44/28 76% Rel



Woodmarsh Metallic

Titanic x EX90-3E Mtoto x EX92-2E Formation

High type fitness specialist



 Dtr: Weirston Metallic Raquel VG86

Production UK Dtrs 88 UK Herds 47 Rel 94%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
609	18.3	-0.07	12.4	-0.09	£19	£124	+0.1	+4.4	+1.4	-22

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	2.1
Feet & Legs	Poor								Excellent	1.1
Udders	Poor								Excellent	2.0
Temperament	Poor								Good	-1.7
Ease of Milking	Slow								Fast	0.6
Locomotion	Poor								Excellent	1.2
Stature	130 cm								154 cm	1.5
Chest Width	Narrow								Wide	0.0
Body Depth	Shallow								Deep	-0.6
Angularity	Coarse								Open Rib	-0.3
Rump Angle	High Pins								Low Pins	0.1
Rump Width	Narrow								Wide	0.9
Rear Legs Side	Straight								Sickled	-2.5
Foot Angle	Low								Steep	2.4
Fore Udder Attach	Loose								Tight	1.5
Rear Udder Height	Very Low								Very High	2.7
Udder Support	Broken								Strong	2.2
Udder Depth	Below								20cm Above	1.6
Front Teat Place	Outside								Close	1.2
Teat Pos Side	Close								Apart	0.4
Teat Length	Short								Long	-1.7
Rear Teat Place	Apart								Close	1.5
Condition Score	Low								High	1.1

UK dtrs/UK herds 65/42 83% Rel



Cogent Mordor

Shaker x EX90 Mtoto x VG87 Bellwood

SCC improver with outstanding lifespan



 Dtr: Zootomic Mordor Diana GP81

Production UK Dtrs 72 UK Herds 45 Rel 93%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
744	18.2	-0.13	15.4	-0.10	£21	£114	+0.3	-2.3	+0.5	-17

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.2
Feet & Legs	Poor								Excellent	0.9
Udders	Poor								Excellent	1.3
Temperament	Poor								Good	1.6
Ease of Milking	Slow								Fast	-0.6
Locomotion	Poor								Excellent	0.8
Stature	130 cm								154 cm	-0.7
Chest Width	Narrow								Wide	-1.0
Body Depth	Shallow								Deep	0.1
Angularity	Coarse								Open Rib	1.2
Rump Angle	High Pins								Low Pins	0.6
Rump Width	Narrow								Wide	0.6
Rear Legs Side	Straight								Sickled	-0.5
Foot Angle	Low								Steep	0.5
Fore Udder Attach	Loose								Tight	0.6
Rear Udder Height	Very Low								Very High	1.5
Udder Support	Broken								Strong	1.2
Udder Depth	Below								20cm Above	0.2
Front Teat Place	Outside								Close	1.1
Teat Pos Side	Close								Apart	1.0
Teat Length	Short								Long	0.6
Rear Teat Place	Apart								Close	0.2
Condition Score	Low								High	-1.3

UK dtrs/UK herds 50/32 78% Rel



Denmire Mr Motivator

Mr Sam x EX90 Morty x EX91 Convincer

Mr Sam son with strength and width



 Dtr: Shanael Motivator Belle VG86

Production UK Dtrs 83 UK Herds 50 Rel 93%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
294	16.6	+0.06	7.4	-0.03	£18	£72	+0.1	-5.6	-0.9	+1

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	2.1
Feet & Legs	Poor								Excellent	2.1
Udders	Poor								Excellent	1.7
Temperament	Poor								Good	0.7
Ease of Milking	Slow								Fast	1.8
Locomotion	Poor								Excellent	2.4
Stature	130 cm								154 cm	1.5
Chest Width	Narrow								Wide	2.0
Body Depth	Shallow								Deep	1.6
Angularity	Coarse								Open Rib	0.1
Rump Angle	High Pins								Low Pins	-0.4
Rump Width	Narrow								Wide	1.4
Rear Legs Side	Straight								Sickled	-0.6
Foot Angle	Low								Steep	0.4
Fore Udder Attach	Loose								Tight	1.9
Rear Udder Height	Very Low								Very High	2.1
Udder Support	Broken								Strong	0.7
Udder Depth	Below								20cm Above	1.0
Front Teat Place	Outside								Close	1.4
Teat Pos Side	Close								Apart	0.2
Teat Length	Short								Long	-0.3
Rear Teat Place	Apart								Close	0.6
Condition Score	Low								High	1.6

UK dtrs/UK herds 59/44 82% Rel



Aintree Nannerch

Shottle x EX93-2E Addison x EX91-2E Aeroline

NEW SIRE DECEMBER 2011

Breed leading SCC improver



 Dtr: Budworth Nannerch Ruby

Production UK Dtrs 62 UK Herds 38 Rel 91%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
617	18.5	-0.07	18.5	-0.02	£30	£124	+0.1	-6.0	+0.5	-22

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.8
Feet & Legs	Poor								Excellent	0.9
Udders	Poor								Excellent	2.0
Temperament	Poor								Good	2.8
Ease of Milking	Slow								Fast	1.4
Locomotion	Poor								Excellent	1.2
Stature	130 cm								154 cm	1.8
Chest Width	Narrow								Wide	2.7
Body Depth	Shallow								Deep	2.8
Angularity	Coarse								Open Rib	1.0
Rump Angle	High Pins								Low Pins	-0.3
Rump Width	Narrow								Wide	1.5
Rear Legs Side	Straight								Sickled	-0.6
Foot Angle	Low								Steep	0.7
Fore Udder Attach	Loose								Tight	1.2
Rear Udder Height	Very Low								Very High	1.8
Udder Support	Broken								Strong	2.4
Udder Depth	Below								20cm Above	0.7
Front Teat Place	Outside								Close	1.0
Teat Pos Side	Close								Apart	1.4
Teat Length	Short								Long	2.3
Rear Teat Place	Apart								Close	1.5
Condition Score	Low								High	0.9

UK dtrs/UK herds 29/23 69% Rel



Bilsrow Oscar

Champion x EX92-2E Gibson x VG89 Gibbon

Fertile daughters with wide rumps



 Dtr: Bilsrow Oscar Peg EX92 - 3rd lact

Production UK Dtrs 90 UK Herds 44 Rel 94%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
417	11.6	-0.06	12.3	-0.02	£19	£110	+0.2	+2.8	0.0	-7

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor					1			Excellent	1.1
Feet & Legs	Poor					1			Excellent	1.6
Udders	Poor					1			Excellent	0.9
Temperament	Poor					0.5			Good	0.4
Ease of Milking	Slow					0.5			Fast	0.7
Locomotion	Poor					1			Excellent	1.3
Stature	130 cm					1			154 cm	1.4
Chest Width	Narrow					1			Wide	0.0
Body Depth	Shallow					1			Deep	1.7
Angularity	Coarse					1.5			Open Rib	2.0
Rump Angle	High Pins				0.5				Low Pins	-0.6
Rump Width	Narrow					1			Wide	1.7
Rear Legs Side	Straight					0.5			Sickled	0.2
Foot Angle	Low				0.5				Steep	-0.4
Fore Udder Attach	Loose					0.5			Tight	-0.2
Rear Udder Height	Very Low					1			Very High	0.9
Udder Support	Broken					1			Strong	1.0
Udder Depth	Below				0.5				20cm Above	-0.6
Front Teat Place	Outside					0.5			Close	0.3
Teat Pos Side	Close				0.5				Apart	-0.7
Teat Length	Short					1			Long	1.0
Rear Teat Place	Apart					0.5			Close	0.0
Condition Score	Low				0.5				High	-1.2

UK dtrs/UK herds 61/33 80% Rel



Cogent Prestwick

Stormatic x VG85 Mattie G x VG87 Luke

The locomotion specialist



 Dtr: Rhydgaled Prestwick Nerys VG86

Production UK Dtrs 68 UK Herds 44 Rel 93%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
330	10.1	-0.04	10.3	0.00	£17	£77	0.0	+1.2	-0.8	+4

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.7
Feet & Legs	Poor								Excellent	2.7
Udders	Poor								Excellent	0.8
Temperament	Poor								Good	1.7
Ease of Milking	Slow								Fast	0.6
Locomotion	Poor								Excellent	3.0
Stature	130 cm								154 cm	-0.7
Chest Width	Narrow								Wide	0.1
Body Depth	Shallow								Deep	-0.8
Angularity	Coarse								Open Rib	-0.8
Rump Angle	High Pins								Low Pins	0.6
Rump Width	Narrow								Wide	-0.5
Rear Legs Side	Straight								Sickled	-2.1
Foot Angle	Low								Steep	2.9
Fore Udder Attach	Loose								Tight	1.1
Rear Udder Height	Very Low								Very High	0.9
Udder Support	Broken								Strong	0.1
Udder Depth	Below								20cm Above	0.6
Front Teat Place	Outside								Close	-0.1
Teat Pos Side	Close								Apart	-1.4
Teat Length	Short								Long	-0.7
Rear Teat Place	Apart								Close	-0.8
Condition Score	Low								High	1.3

UK dtrs/UK herds 43/30 76% Rel



Cogent Rasputin

Roxell x EX90 Aaron x VG89 Bellwood

Son of longevity specialist Roxell



→ Dtr: Stoneyknoll Natty 531 GP83

Production UK Dtrs 70 UK Herds 41 Rel 92%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
636	12.6	-0.15	13.7	-0.08	£16	£68	+0.2	-2.2	0.0	+10

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	0.9
Feet & Legs	Poor								Excellent	0.7
Udders	Poor								Excellent	0.8
Temperament	Poor								Good	0.6
Ease of Milking	Slow								Fast	0.3
Locomotion	Poor								Excellent	0.7
Stature	130 cm								154 cm	0.3
Chest Width	Narrow								Wide	-0.3
Body Depth	Shallow								Deep	-0.3
Angularity	Coarse								Open Rib	0.0
Rump Angle	High Pins								Low Pins	-0.5
Rump Width	Narrow								Wide	0.2
Rear Legs Side	Straight								Sickled	-2.1
Foot Angle	Low								Steep	1.8
Fore Udder Attach	Loose								Tight	1.4
Rear Udder Height	Very Low								Very High	1.3
Udder Support	Broken								Strong	0.1
Udder Depth	Below								20cm Above	0.7
Front Teat Place	Outside								Close	-0.1
Teat Pos Side	Close								Apart	1.0
Teat Length	Short								Long	-0.9
Rear Teat Place	Apart								Close	0.7
Condition Score	Low								High	-0.1

UK dtrs/UK herds 39/24 73% Rel



Huddlestone Spooky

Spock x EX90 Mtoto x VG85 Rudolph

Calving ease sire with high fat and protein



 Dtr: Huddlestone H Spooky Edith EX90

Production UK Dtrs 431 UK Herds 164 Rel 98%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
431	15.1	-0.02	20.7	+0.08	£36	£135	+0.3	-7.2	+2.0	-10

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	0.1
Feet & Legs	Poor								Excellent	0.3
Udders	Poor								Excellent	0.1
Temperament	Poor								Good	-0.5
Ease of Milking	Slow								Fast	-0.3
Locomotion	Poor								Excellent	0.3
Stature	130 cm								154 cm	-0.9
Chest Width	Narrow								Wide	2.3
Body Depth	Shallow								Deep	0.9
Angularity	Coarse								Open Rib	-0.1
Rump Angle	High Pins								Low Pins	-1.6
Rump Width	Narrow								Wide	1.2
Rear Legs Side	Straight								Sickled	1.1
Foot Angle	Low								Steep	-1.1
Fore Udder Attach	Loose								Tight	0.5
Rear Udder Height	Very Low								Very High	-0.2
Udder Support	Broken								Strong	-0.3
Udder Depth	Below								20cm Above	-0.1
Front Teat Place	Outside								Close	1.1
Teat Pos Side	Close								Apart	-1.4
Teat Length	Short								Long	-1.8
Rear Teat Place	Apart								Close	0.5
Condition Score	Low								High	0.5

UK dtrs/UK herds 174/82 92% Rel



Woodmarsh Talented

Talent x EX92-2E Mtoto x EX92-2E Formation

Wide, deep-bodied cows with fantastic udders



➔ Dtr: Styche Talented Cactus VG85

Production UK Dtrs 89 UK Herds 46 Rel 94%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
383	2.6	-0.15	12.7	0.00	£13	£85	+0.3	-3.8	+0.8	-14

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.8
Feet & Legs	Poor								Excellent	0.8
Udders	Poor								Excellent	2.0
Temperament	Poor								Good	-0.8
Ease of Milking	Slow								Fast	1.2
Locomotion	Poor								Excellent	0.6
Stature	130 cm								154 cm	1.1
Chest Width	Narrow								Wide	2.0
Body Depth	Shallow								Deep	1.7
Angularity	Coarse								Open Rib	0.2
Rump Angle	High Pins								Low Pins	0.8
Rump Width	Narrow								Wide	2.1
Rear Legs Side	Straight								Sickled	1.1
Foot Angle	Low								Steep	-0.9
Fore Udder Attach	Loose								Tight	1.6
Rear Udder Height	Very Low								Very High	1.8
Udder Support	Broken								Strong	1.0
Udder Depth	Below								20cm Above	1.3
Front Teat Place	Outside								Close	0.6
Teat Pos Side	Close								Apart	-0.1
Teat Length	Short								Long	-0.6
Rear Teat Place	Apart								Close	-0.1
Condition Score	Low								High	0.7

UK dtrs/UK herds 53/32 79% Rel



Trait Leaders

Milk (Kg)	
DESTINY	+ 791
MORDOR	+ 744
LOADER	+ 737
AZURE	+ 735
DISCIPLE	+ 628

Mammary	
TALENTED	+ 2.0
ASTERIX	+ 2.0
METALIC	+ 2.0
NANNERCH	+ 2.0
LOADER	+ 1.9

Fat %	
DOUGLAS	+ 0.20
TIERGAN	+ 0.19
TWIST	+ 0.16
MR MOTIVATOR	+ 0.06
GOLDMINE	+ 0.01

Legs & feet	
LOADER	+ 2.8
PRESTWICK	+ 2.7
ASTERIX	+ 2.1
MR MOTIVATOR	+ 2.1
DETERMINED	+ 1.9

Protein %	
SPOOKY	+ 0.08
TIERGAN	+ 0.07
TWIST	+ 0.04
DETERMINED	+ 0.02
DOUGLAS	+ 0.00

Type Merit	
LOADER	+ 2.5
ASTERIX	+ 2.3
METALIC	+ 2.1
MR MOTIVATOR	+ 2.1
DOUGLAS	+ 2.0

Life Span	
SHAKER	+ 0.4
DOUGLAS	+ 0.3
HOTSHOT	+ 0.3
GOLDMINE	+ 0.3
TALENTED	+ 0.3

SCC	
GOLDMINE	- 22
NANNERCH	- 22
METALIC	- 22
DESTINY	- 19
TIERGAN	- 18

Calving Ease	
SPOOKY	+ 2.0
DETERMINED	+ 1.4
METALIC	+ 1.4
AZURE	+ 1.2
DESTINY	+ 1.2

Daughter Fertility	
METALIC	+ 4.4
DOUGLAS	+ 3.8
AZURE	+ 3.4
OSCAR	+ 2.8
GOLDMINE	+ 1.8

Baileys Red Rock

Talent x EX95-5E Ranger x VG87 Blackstar

RED HOLSTEIN

All-round Talent son with longevity



→ Dtr: SLH Red Rock Goldrose VG86 (Milking in Germany)

Production UK Dtrs 310 UK Herds 131 Rel 98%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
125	0.3	-0.06	0.0	-0.05	£3	£27	+0.3	+0.5	-1.1	-1

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.1
Feet & Legs	Poor								Excellent	0.7
Udders	Poor								Excellent	1.1
Temperament	Poor								Good	-0.4
Ease of Milking	Slow								Fast	1.2
Locomotion	Poor								Excellent	0.5
Stature	130 cm								154 cm	1.8
Chest Width	Narrow								Wide	-0.5
Body Depth	Shallow								Deep	0.7
Angularity	Coarse								Open Rib	0.8
Rump Angle	High Pins								Low Pins	-0.7
Rump Width	Narrow								Wide	1.9
Rear Legs Side	Straight								Sickled	0.0
Foot Angle	Low								Steep	0.9
Fore Udder Attach	Loose								Tight	-0.2
Rear Udder Height	Very Low								Very High	0.5
Udder Support	Broken								Strong	1.3
Udder Depth	Below								20cm Above	0.0
Front Teat Place	Outside								Close	0.9
Teat Pos Side	Close								Apart	1.6
Teat Length	Short								Long	0.3
Rear Teat Place	Apart								Close	0.8
Condition Score	Low								High	-0.9

UK dtrs/UK herds 147/79 91% Rel



Willsbro Red Razzle

Mr Burns x EX95-3E Faber x EX90 Integrity

Red Mr Burns son



➔ Willsbro Red Razzle

FH3294 HBN: 0100639516 aAa 243



Stardale Judge-Red

Wisconsin-Red x VG88 Redman x EX Rudolph

From the greatest Red and White cow family



➔ G Dam: Fradon Rudolph Jodie*RC EX

HO1295 HBN: 0100647389 aAa: N/A



RED HOLSTEIN

Potterswalls Belles Pride

Simbas Pride x EX95-5E Just Wait x EX91-2E Counciller

Your source of strength and fantastic udders



Dtr: Sandymount Prides Lynn Lady N/C

JERSEY

Production UK Dtrs 27 UK Herds 16 Rel 78%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
-36	3.1	+0.10	0.9	+0.05	£5	£51	+0.2	-0.2	N/A	+17

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	2.4
Feet & Legs	Poor								Excellent	1.8
Udders	Poor								Excellent	2.4
Temperament	Poor								Good	N/A
Ease of Milking	Slow								Fast	N/A
Locomotion	Poor								Excellent	1.3
Dairy Strength	Poor								Excellent	1.2
Stature	130 cm								154 cm	1.5
Chest Width	Narrow								Wide	0.2
Body Depth	Shallow								Deep	1.1
Angularity	Coarse								Open Rib	0.8
Rump Angle	High Pins								Low Pins	0.2
Rump Width	Narrow								Wide	3.2
Rear Legs Side	Straight								Sickled	-1.2
Foot Angle	Low								Steep	1.5
Fore Udder Attach	Loose								Tight	1.4
Rear Udder Height	Very Low								Very High	1.3
Udder Support	Broken								Strong	1.1
Udder Depth	Below								20cm Above	2.0
Front Teat Place	Outside								Close	1.0
Teat Pos Side	Close								Apart	1.6
Teat Length	Short								Long	0.2

UK dtrs/UK herds 19/7 61% Rel



Parkplace Escalades Gold

Escalade x EX90 Berretta x EX90 Fascinator

JERSEY

Lots of milk and very good locomotion



 Dtr: Whiteoaks Gold Amber

Production UK Dtrs 118 UK Herds 41 Rel 95%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
384	8.5	-0.21	11.2	-0.06	£16	£51	-0.1	0.0	N/A	+12

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	0.7
Feet & Legs	Poor								Excellent	1.1
Udders	Poor								Excellent	0.5
Temperament	Poor								Good	-0.4
Ease of Milking	Slow								Fast	0.6
Locomotion	Poor								Excellent	1.0
Dairy Strength	Poor								Excellent	0.3
Stature	130 cm								154 cm	0.9
Chest Width	Narrow								Wide	0.3
Body Depth	Shallow								Deep	0.1
Angularity	Coarse								Open Rib	-0.4
Rump Angle	High Pins								Low Pins	-0.6
Rump Width	Narrow								Wide	0.2
Rear Legs Side	Straight								Sickled	-1.3
Foot Angle	Low								Steep	0.6
Fore Udder Attach	Loose								Tight	0.4
Rear Udder Height	Very Low								Very High	0.4
Udder Support	Broken								Strong	-0.4
Udder Depth	Below								20cm Above	0.3
Front Teat Place	Outside								Close	-0.6
Teat Pos Side	Close								Apart	-2.0
Teat Length	Short								Long	0.8

UK dtrs/UK herds 44/12 76% Rel



Shellen Engage

Action x EX90-2E Paramount x EX90 Zeebull

5 generations VG & EX behind this young 'Action' son



Shellen Engage

J2214 HBN 40 55452 aAa 462



Parkplace Flagship

Iatola x EX90 Berretta x EX90 Fascinator

Dam is former world record holder for fat production



Dtr: Alderston Flagship Walnut

J2072 HBN 40 55014 aAa 564



Shellen Precision

Action x EX93-2E Connection x EX94-8E Nemo

The complete package of type and production



➔ Shellen Precision

J2215 HBN 40 55461 aAa 561



Lagangreen Roy Boy

DJ Lirsk x VG86 Impuls x EX90 Sambo

Outstanding production & longevity



➔ Dam: Lagangreen Impuls Anneka VG86-2yr

J2216 HBN 40 55510 aAa 261



JERSEY

Bradash Tournament *RC

Glen Albyn x EX91(F) Mr Frosty x EX93(F) Discovery 3

BRITISH FRIESIAN

Red factor Friesian with exceptional milk production



 Dtr: Kirkby Rosa 17

Production UK Dtrs 58 UK Herds 24 Rel 89%

Milk	Fat	Fat %	Prot	Prot %	PIN	PLI	LS	FI	CE	SCC
451	17.9	-0.02	11.8	-0.05	22	113	0.1	-0.6	1.4	-12

Conformation

		-3	-2	-1	0	1	2	3		
Type Merit	Poor								Excellent	1.1
Feet & Legs	Poor								Excellent	1.1
Udders	Poor								Excellent	1.0
Temperament	Poor								Good	-0.3
Ease of Milking	Slow								Fast	-0.3
Locomotion	Poor								Excellent	0.7
Stature	130 cm								154 cm	-1.2
Chest Width	Narrow								Wide	-0.2
Body Depth	Shallow								Deep	0.2
Angularity	Coarse								Open Rib	0.8
Rump Angle	High Pins								Low Pins	0.1
Rump Width	Narrow								Wide	0.7
Rear Legs Side	Straight								Sickled	0.4
Foot Angle	Low								Steep	0.4
Fore Udder Attach	Loose								Tight	0.1
Rear Udder Height	Very Low								Very High	1.0
Udder Support	Broken								Strong	-0.1
Udder Depth	Below								20cm Above	-0.1
Front Teat Place	Outside								Close	0.8
Teat Pos Side	Close								Apart	1.1
Teat Length	Short								Long	-0.4
Rear Teat Place	Apart								Close	-0.1
Condition Score	Low								High	-1.4

UK dtrs/UK herds 48/22 73% Rel



Catlane Carl

Speaker x EX92-3E(F) Bureaucrat x EX92-5E(F) Beta

Impressive Milk Production Family



Dam: Catlane Buro Christine BFE92-3E

FH3289 HBN: 20 634581 aAa 651423



BRITISH FRIESIAN

Kirkby Monarch

Frontier x EX91-3E (F) Emperor x Ex91 (F) Beta

Strong, jet-black bull from a longevity family



Dam: Kirkby Monica 7 EX91-3E

BF1022 HBN: 20 646644



Skyhigh Hartland

Peterslund x R Drama

Expect healthier cows with great fertility and longevity and improved udder health



 Skyhigh Hartland

SR2023 HBN: 22 102 aAa 462531



Skyhigh Samson

K Lens x Rapid

His dam has produced over 100 tonnes of milk



 Skyhigh Samson

SR2037 HBN 22 246 aAa N/A

Montoya

Plumitif X Mohair X VG86 Ezozo




Perfect combination of milk, components and fertility



 Montoya

Montoya is bred from one of the finest French Montbeliarde cow families. His dam, Usuelle, is a daughter of high-ranking sire, Mohair, and in her first lactation produced 7,487kgs milk at 4.46% fat and 3.82% protein in 305 days. Montoya's sire, Plumitif, is one of the highest milk transmitters in the breed and offers solid conformation, with feet and legs being his strongest point.

The Montbeliarde breed offers:

-  **Low somatic cell counts**
-  **Very good daughter fertility**
-  **Excellent legs and feet**



MB2062 HBN: 28 528886959 aAa: 513



A SELECTION OF COGENT VISIONS BULL DAMS



Koepon Shottle Classy 17 VG85

Shottle x VG86 Simon x VG88 Merrill

Planet son tested



Wintersell Mila 10 EX93-2E

Goldwyn x EX94-6E Ford x VG85 Storm

O-man son tested

Guide to our symbols



> 450 kgs of milk



≥ 1.5 Type Merit



$\geq +0.3$ calving ease



> 0 Lifespan (LS)



≤ -10 Somatic Cell Count



> 0 Fertility Index (FI)



Second crop proof at 99% rel



Sexed Semen available



BB k-casein



A2A2 milk gene

Top-class beef sires for the dairy herd



www.cogentuk.com

Cogent has a comprehensive range of beef bulls available with outstanding qualities.

We currently have 15 different beef breeds in our stud, offering a blend of low birth weight, excellent conformation, weight gain, muscle development and, most importantly, calving ease. Quality and reliability are assured with new bulls graduating through Cogent's renowned Visions Young Sire Beef Programme, giving you complete confidence in the bulls you choose.



Available bulls UK proofs December 2011

	PLI	Milk	Fat	Fat %	Prot	Prot %	Type Merit
BALLYCAIRN TIERGAN	£216	397	31.3	0.19	18.6	0.07	1.8
COGENT TWIST	£199	603	36.9	0.16	22.9	0.04	1.3
COGENT MAESTRO *CV	£184	736	31.0	0.02	23.5	0.00	1.8
HYDAWAYS GOLDMINE	£149	546	22.6	0.01	12.3	-0.07	1.6
COGENT AZURE	£141	735	17.6	-0.13	22.8	-0.01	0.8
HUDDLESTONE SPOOKY	£135	431	15.1	-0.02	20.7	0.08	0.1
COGENT ELVINA	£130	438	21.1	0.05	18.6	0.05	1.1
AINTREE NANNERCH <i>NEW</i>	£124	617	18.5	-0.07	18.5	-0.02	1.8
WOODMARSH METALIC	£124	609	18.3	-0.07	12.4	-0.09	2.1
KEPCULLOCH DOUGLAS	£123	67	18.9	0.20	2.2	0.00	2.0
COGENT LOADED	£114	471	25.3	0.08	10.1	-0.06	1.6
COGENT MORDOR	£114	744	18.2	-0.13	15.4	-0.10	1.2
BILSROW OSCAR	£110	417	11.6	-0.06	12.3	-0.02	1.1
COGENT DISCIPLE	£109	628	24.1	-0.01	17.5	-0.03	1.0
COGENT DETERMINED	£101	561	22.0	0.00	19.9	0.02	1.4
STAIR JB FRON	£88	1041	11.4	-0.33	28.0	-0.06	1.3
COGENT DESTINY	£88	791	22.7	-0.10	17.3	-0.10	1.3
NETHERSIDE DYNAMO	£87	824	27.1	-0.06	25.2	-0.02	0.3
COGENT ADMIRAL	£87	970	4.6	-0.38	24.4	-0.08	1.3
CATTRONA HOTSHOT <i>NEW</i>	£86	481	15.8	-0.04	9.8	-0.07	1.7
WOODMARSH TALENTED	£85	383	2.6	-0.15	12.7	0.00	1.8
WOODMARSH ASTERIX	£81	350	4.0	-0.12	10.7	-0.01	2.3
PICSTON SHAKER	£79	154	13.5	0.09	8.2	0.04	0.6
DALBYTOP PHIL	£78	74	13.3	0.13	5.5	0.04	1.7
COGENT AVENGER	£78	510	11.4	-0.10	20.0	0.04	1.6
COGENT PRESTWICK	£77	330	10.1	-0.04	10.3	0.00	1.7
DENMIRE MR MOTIVATOR	£72	294	16.6	0.06	7.4	-0.03	2.1
COGENT EASTER	£70	186	4.2	-0.04	13.6	0.09	1.4
COGENT RASPUTIN <i>NEW</i>	£68	636	12.6	-0.15	13.7	-0.08	0.9
LISCABANK CONCORD	£66	666	12.6	-0.16	15.6	-0.07	0.5
WOODMARSH THROTTLE <i>NEW</i>	£64	575	17.7	-0.06	7.4	-0.13	1.8
KAPERSHOEK MATCHO <i>NEW</i>	£63	429	9.7	-0.09	9.7	-0.05	1.8
WOODMARSH CONFORMER	£58	724	17.3	-0.13	13.1	-0.12	0.9
OVERSIDE DICTATOR	£54	426	9.3	-0.09	7.1	-0.08	0.7
CURTISMILL MASTER RORY	£52	486	12.7	-0.08	9.8	-0.07	1.7
COGENT LOADER	£45	737	8.4	-0.24	12.9	-0.13	2.5
DALBYTOP SUPERSONIC	£41	410	13.6	-0.03	5.5	-0.09	1.3
ERROLSTON KLONDIKE *RC	£38	483	2.9	-0.19	16.5	0.01	0.3
DOUBLE TROUBLE FORBIDDEN	£35	10	7.5	0.09	3.0	0.03	2.6
COGENT MANTRA	£34	429	10.6	-0.08	9.0	-0.06	0.8
AQUILA PATRON LUCENTE	-£29	487	9.9	-0.11	8.9	-0.08	1.1

Mammary	Legs & feet	Life Span	SCC	Fert Index	Calving Ease	aAa	Pedigree
1.8	1.3	0.2	-18	1.7	0.8	N/A	Goldwyn x Garter
0.8	1.8	0.1	-13	-3.8	-0.8	453	Shottle x Major
1.5	1.3	0.1	7	2.3	-0.5	534	Lukas x Labelle
1.4	1.7	0.3	-22	1.8	0.6	312	Goldwyn x Patron
0.5	1.2	0.1	4	3.4	1.2	234	O-man x Aaron
0.1	0.3	0.3	-10	-7.2	2.0	351	Spock x Mtoto
0.7	1.3	-0.1	13	2.6	-0.4	531	Maestro x R Marshall
2.0	0.9	0.1	-22	-6.0	0.5	N/A	Shottle x Addison
2.0	1.1	0.1	-22	4.4	1.4	465	Titanic x Mtoto
1.6	1.7	0.3	-12	3.8	-0.1	213	Shottle x Rudolph
1.2	1.7	-0.1	-4	5.2	0.8	156	Titanic x Tugolo
1.3	0.9	0.3	-17	-2.3	0.5	231	Shaker x Mtoto
0.9	1.6	0.2	-7	2.8	0.0	156	Champion x Gibson
0.7	1.5	0.0	-9	-5.9	-0.9	132	Goldwyn x BW Marshall
0.9	1.9	0.0	15	-8.5	1.4	135	Best x Decision
1.4	0.8	-0.1	2	-4.0	-0.1	153	Jocko x Dannix
1.2	1.0	0.0	-19	-8.1	1.2	423	Shottle x BW Marshall
0.0	1.1	-0.3	0	-11.5	0.4	315	Decision x Corky
1.2	0.7	0.3	-7	-6.0	0.5	435	Addison x Winchester
1.7	1.5	0.3	-3	-4.6	-1.6	N/A	Shottle x Gibson
2.0	0.8	0.3	-14	-3.8	0.8	513	Talent x Mtoto
2.0	2.1	0.2	-11	-2.0	0.1	243	Shottle x Durham
0.9	0.2	0.4	-11	-12.0	-0.1	135	Dominator x Aerostar
1.5	1.2	-0.3	12	10.0	-0.8	423	Principal x Lucente
1.8	0.9	-0.2	18	-2.4	-0.3	N/A	Principal x Fatal
0.8	2.7	0.0	4	1.2	-0.8	216	Stormatic x Mattie G
1.7	2.1	0.1	1	-5.6	-0.9	243	Mr Sam x Morty
1.2	1.3	-0.2	4	0.5	0.6	351	Courier x Mtoto
0.8	0.7	0.2	10	-2.2	0.0	N/A	Roxell x Aaron
0.5	0.4	0.0	-6	-2.7	1.8	153	Courier x Mtoto
1.7	1.4	0.2	-15	-5.8	0.9	N/A	Shottle x Dutch Boy
1.4	1.7	0.1	-20	-4.9	-1.1	N/A	Shottle x Aaron
0.8	0.8	-0.2	-7	1.8	0.4	243	Convincer x Formation
0.9	0.1	0.3	-1	-2.3	0.1	135	Ford x Convincer
1.4	1.9	0.1	-5	-7	0.1	N/A	Mr Sam x Mtoto
1.9	2.8	-0.1	2	-0.1	-0.3	651	Morty x Tugolo
1.2	0.6	0.0	-6	-1.4	-1.7	432	Shottle x Lucente
0.4	0.0	0.0	-4	-8.3	-1.0	N/A	Talent x Convincer
2.9	0.9	-0.1	5	-3.5	0.1	231	Forbidden x Lucky Leo
0.6	0.8	0.2	-6	-10.5	0.3	153	Lucente x Lukas
1.1	0.7	-0.2	7	-14.7	0.6	531	Patron x Luke

Available bulls US Conversions December 2011

	TPI	NM	Milk	Fat	Fat %
COGENT TWIST	2,044	\$598	783	99	0.27
BALLYCAIRN TIERGAN	1,855	\$457	163	52	0.17
COGENT MAESTRO *CV	1,839	\$435	655	62	0.14
KEPCULLOCH DOUGLAS	1,807	\$395	-90	56	0.22
WOODMARSH ASTERIX	1,797	\$240	-160	-13	-0.03
WOODMARSH METALIC	1,769	\$341	727	37	0.04
COGENT DESTINY	1,746	\$328	1,487	55	0.00
COGENT AZURE	1,736	\$243	1,536	41	-0.06
KAPERSHOEK MATCHO <i>NEW</i>	1,721	\$225	649	21	-0.02
COGENT MORDOR	1,712	\$352	1,078	37	-0.01
COGENT ADMIRAL	1,699	\$225	1,874	-7	-0.27
COGENT LOADED	1,694	\$331	1,123	64	0.08
HYDAWAYS GOLDMINE	1,683	\$275	341	29	0.06
AINTREE NANNERCH <i>NEW</i>	1,646	\$180	503	33	0.06
COGENT PRESTWICK	1,644	\$256	71	25	0.09
HUDDLESTONE SPOOKY	1,632	\$287	240	26	0.06
WOODMARSH THROTTLE <i>NEW</i>	1,624	\$122	1,191	36	-0.02
COGENT LOADER	1,615	\$116	1,639	36	-0.09
COGENT DISCIPLE	1,604	\$172	725	46	0.08
DALBYTOP SUPERSONIC	1,594	\$189	274	20	0.04
CATTRONA HOTSHOT <i>NEW</i>	1,589	\$131	946	41	0.03
DOUBLE TROUBLE FORBIDDEN	1,571	\$141	-407	14	0.12
LISCABANK CONCORD	1,569	\$260	1,439	25	-0.11
STAIR JB FRON	1,569	\$248	1,425	19	-0.11
WOODMARSH TALENTED	1,558	\$131	-2	-22	-0.09
OVERSIDE DICTATOR	1,552	\$109	98	14	0.04
DENMIRE MR MOTIVATOR	1,528	\$102	-125	39	0.17
COGENT RASPUTIN <i>NEW</i>	1,517	\$88	878	43	0.05
COGENT ELVINA	1,499	\$129	169	38	0.12
NETHERSIDE DYNAMO	1,483	\$163	1,096	65	0.09
PICSTON SHAKER	1,482	\$237	-296	28	0.15
COGENT DETERMINED	1,479	\$156	588	50	0.11
BILSROW OSCAR	1,467	\$106	213	7	0.01
DALBYTOP PHIL	1,454	\$64	-758	23	0.19
WOODMARSH CONFORMER	1,439	\$22	698	24	0.00
COGENT MANTRA	1,403	\$48	327	12	0.00
COGENT AVENGER	1,397	-\$6	343	19	0.02
COGENT EASTER	1,329	-\$76	-360	-7	0.02
ERROLSTON KLONDIKE *RC	1,319	-\$19	116	-14	-0.07
CURTISMILL MASTER RORY	1,308	-\$57	144	22	0.06
AQUILA PATRON LUCENTE	1,235	-\$30	499	16	0.00

	Prot	Prot %	PTAT	Mamm	Legs & Feet	PL	SCC
	41	0.07	1.39	0.35	0.47	3.1	2.85
	23	0.06	1.25	1.43	1.17	2.4	2.69
	35	0.06	0.60	1.39	1.03	2.7	3.04
	4	0.03	1.50	1.53	0.60	3.1	2.89
	8	0.05	2.67	1.82	2.29	3.3	2.79
	17	-0.01	1.33	1.49	1.48	1.2	2.58
	36	-0.03	1.31	0.97	1.17	0.2	2.72
	51	0.02	1.20	1.06	1.41	-0.4	3.19
	19	0.00	1.88	1.90	1.12	1.1	2.70
	19	-0.05	0.83	1.25	0.76	2.9	2.69
	57	0.01	0.84	0.45	1.08	1.0	2.91
	26	-0.03	0.86	0.48	1.10	0.3	2.84
	2	-0.04	1.95	1.48	0.82	1.8	2.63
	30	0.06	1.63	1.01	0.62	-0.3	2.60
	21	0.08	0.70	0.29	2.63	0.7	3.06
	35	0.11	0.08	0.04	-0.70	1.1	2.91
	18	-0.07	1.77	0.84	0.54	0.3	2.89
	32	-0.06	1.58	1.00	1.79	-2.7	3.10
	26	0.02	1.40	0.33	1.75	-1.5	2.85
	0	-0.03	1.17	1.67	0.29	2.0	2.85
	28	0.00	1.59	0.37	1.33	-0.2	2.96
	-1	0.04	1.96	1.97	1.26	0.3	3.06
	38	-0.02	0.03	-0.39	-0.31	0.9	2.77
	43	0.00	0.20	0.14	-0.08	1.1	2.99
	14	0.05	1.50	1.51	-0.06	2.6	2.83
	0	-0.01	1.27	1.59	-0.10	1.2	3.00
	9	0.05	1.71	1.37	1.79	-1.7	2.92
	27	0.01	0.94	0.47	1.39	-1.8	3.14
	28	0.08	0.14	0.14	0.80	-0.5	3.16
	46	0.05	0.11	-1.21	0.26	-1.1	3.09
	5	0.05	0.32	0.11	0.45	3.4	2.68
	30	0.05	0.54	0.22	0.92	-0.9	3.38
	13	0.03	0.77	0.08	0.44	1.5	2.80
	-3	0.08	0.69	1.08	0.70	-0.2	3.15
	12	-0.03	1.15	0.49	1.89	-2.6	2.87
	10	0.00	0.68	0.08	1.07	0.4	2.98
	29	0.07	0.68	0.11	0.17	-2.2	3.24
	17	0.10	0.54	0.24	0.27	-1.8	3.09
	16	0.05	0.34	0.73	-0.01	-0.9	2.89
	0	-0.02	0.94	0.71	0.41	-2.2	2.90
	7	-0.03	0.18	0.50	0.29	-1.3	3.22

Explanation of Proofs

PTA

All indexes are expressed as a PTA (Predicted Transmitting Ability) – The PTA indicates the amount of a particular trait an animal is predicted to pass on to its progeny. For example, a milk kg PTA can be of value +500kg. This indicates this animal, on average, is expected to pass on an extra 500kgs to its progeny. All animal breeding potentials can be directly compared within breed, but not across breeds.

Genetic base

Every five years the genetic base gets reset to zero to keep it current. The current base level, against which proofs are expressed, is set for cows born in 2005 and this was reset in 2010. You will sometimes see the reference PTA2010 indicating this base definition.

Rel %

Reliability is a measure of the accuracy of the animal's evaluation (PTA). The higher the reliability the more confidence you can have in the figures. (Low reliability <55%; high reliability >90%).

SCC

Somatic Cell Counts PTAs are expressed as a percentage with a general range of +/- 20. For every 1% in SCC PTA a change of 1% in cow SCC is predicted. It is important to note that a negative %PTA SCC indicates a reduction and is therefore good.

LS

Lifespan PTA is expressed in lactations with a general range of +/- 0.5 lactations. The PTA indicates the increase or reduction in lactations which daughters of a bull are predicted to survive in the herd relative to the daughters of a bull with a PTA of zero.

*

FI

Fertility Index PTAs are expressed as a financial value on the same scale as PIN and PLI (see below). Made up of the principal components; Calving Interval and Non-Return rate, the index provides a guide to the fertility of the daughters of a bull. The range is around +/- £10 with positive proofs indicating that the daughters' fertility is better than average.

Type PTAs

Type PTAs, unlike other PTAs, are expressed in a standardised form on a scale of +/- 3. These standardised scores allow animals to be ranked by how extreme an animal is for a particular trait compared with the population. For example animals above +2 are in the top 2.5% of the population.

£PIN

Production Profit Index. The PTAs for Milk, Fat and Protein Yield are combined into a single financial value indicating the profit expected per lactation from production alone. The PIN index allows animals to be easily compared for their genetic production potential.

£PLI

Profitable Life Index is used as the national UK ranking index. PLI is an extension of PIN and includes a number of additional traits weighted by their relative economic value. PLI includes the production traits Milk, Fat and Protein and the other traits of Lifespan, SCC, Locomotion and Fertility where available.

(Source: MDC Breeding+)

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