GRAZING

SPRING 2023

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7	LIC Kilvoige AARON	NEW
8	Coolnasoon ALVI	
9	Bopuru BRO	NEW
10	Millgrove CHOICE	
11	Brooklawn M ECLIPSE	
12	Kilronan HIGH	
13	Nextgen IMPOSSIBLE	NEW
14	Knocknaseed JACK	
15	Santry LION KING	
16	Hanrahan MAGNIFICO	
17	Moorehill MAX	
20	Ballydehob MYSTIC 2544	
21	Shandangan REX	
22	Beline R+O	
23	Nextgen SERGEANT	
24	Crohanedairy SONNY	
25	LIC Tinnashrule TROJAN	NEW
26	Berginsview TURBO	
27	Castleterry VICTOR	
28	Ballinborta VIGOUR	
29	Ballymaddock WARRIOR	
30	Cillwalsh WONDER	

35	Glanton Desi BANFF	NEW
36	Riverview AND DEXTER S2J	NEW
37	Ulmarra TT GALLIVANT	NEW
38	Glenui Super LAMAR	NEW
39	Paspalum OI LIMELIGHT	NEW
40	Tironui SUPERMAN	NEW
41	Thornwood Degree TRIGGER	NEW
42	Heuven Super WISEGUY	NEW
44	Rivermead Cassino ADDICTION	
44	STgen BETTERMENT	
45	Bankhouse BRAVEHEART	NEW
45	Goonhily CARLYON	
46	Tog CASSELTON 39774	NEW
46	Bradash CONTENDER	
47	SJK HELIUM	
47	Inch JAKE	
48	Inch JAY	
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49	3Star OH LARS P	NEW
49	Cogent GC LINCOLN	
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WELCOME TO THE SPRING 2023 COGENT GRAZING CATALOGUE

As Cogent's strength on both the €EBI and £SCI/£ACI bases continues to grow, you can be confident in the genetics we can offer your herd - with a total of 47 bulls, including eight new sires, this is our largest range of grazing genetics ever.

The first half of the catalogue contains 22 sires on an Irish EBI base. This proof run, a new Sub Index has been added to €EBI – this is the Carbon Sub Index. See P.5

Eleven of the sires in the €EBI section rank in the top 50 €EBI sires available, and 12 score over €300 for EBI. Furthermore, 18 of these bulls score over €100 for Fertility Sub Index.

Among them is the #1 Jersey cross bull, Ballinborta Vigour, at €368 EBI.

Two new Danish Jerseys also join our stud offering high Fat and Protein and exceptional fertility. You will see within this catalogue we have included eight New Zealand Jersey sires, which become part of our offering following our recent partnership with LIC. See P.32-34 for more information on Breeding Worth, New Zealand's profit evaluation and how to read the data.

We are very pleased to be able to announce that for the spring 2023 breeding period we will also be able to offer Ultraplus fresh sexed across a range of our industry-leading grazing genetics.

For more information on our Fresh sexed product, head to P.18-19.

ECONOMIC BREEDING INDEX (€EBI) EXPLAINED

The EBI base was developed in 2000 to ensure continued genetic gain on Irish farms. Farms that are typically grazing their herds for the majority of the year and that require cows to produce high quality milk from grass alone. It is also important for Irish cows to calve regularly, ensuring calving blocks stay tight and the most can be made of the summer grazing months.

EBI SIRES HAVE ALLOWED IRISH FARMERS TO WORK TOWARDS THE FOLLOWING KEY GOALS:

- **80% of the herd calving within six weeks**
- **Achieving less than 10% empty cows per year from 12 weeks of breeding**
- **Average cow in herd lasting five to six lactations**
- **Breeding cows that produce 8%+ solids (3.7% protein and 4.3% fat)**
- **Breeding cows that can produce 0.8-1.0kf milk solids per kg of body weight from grass each year**

NEW

CARBON SUB INDEX

Increases the economic weight of traits which contribute towards the reduction of greenhouse gas emissions, including Calving Interval and Days to Slaughter.

MILK SUB INDEX	FERTILITY SUB INDEX	CALVING SUB INDEX
Takes into account component production with a small emphasis on volume	Includes both Calving Interval and Survival, fertile cows last longer in the herd and will reduce calving interval	Direct and Maternal Calving ease and Gestation length are included in this figure with easy calving and lower gestation being desirable
BEEF SUB INDEX	**MAINTENANCE SUB INDEX**	**HEALTH SUB INDEX**
High value indicates better cull cow value and carcase weight with a direct correlation to calf value.	Reduced stature and a balanced body condition will yield a high value here, meaning reduced maintenance costs	High index indicates a reduction in Mastitis, SCC and Lameness incidence

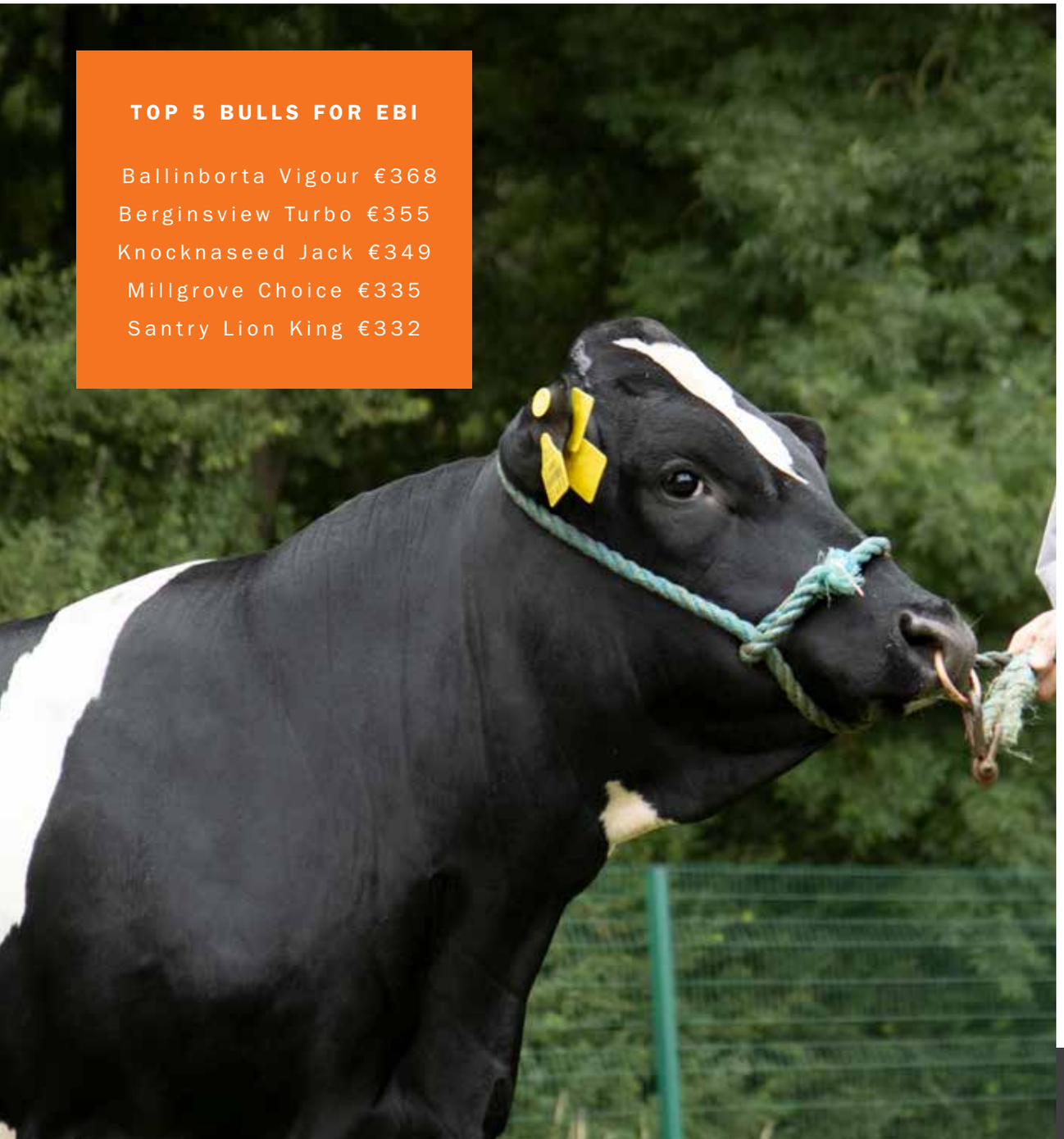
CALVING INTERVAL	Bulls with negative figures for Calving Interval will reduce calving interval of their daughters by the number of days indicated
SURVIVAL %	Bulls with a positive value will increase longevity of their daughters
DCE	Measured as a percentage, with this being the percentage of difficult calvings seen with that bull
GESTATION LENGTH	A negative figure is a reduction in the average gestation length of a HO/FR of 282 days, low Gestation Length bulls will suit late season breeding
MILKING SPEED	A lower figure indicates a quicker milking speed with the figure measured in seconds
SCC AND MASTITIS	Lower figures are desirable and will reduce incidence of both
LAMENESS	Lower figures are desirable and will reduce lameness

Production and fitness data supplied by AHDB.

Bulls tested free for genetic recessives will not show these codes for formatting reasons

- E B I -

ECONOMIC BREEDING INDEX



TOP 5 BULLS FOR EBI

Ballinborta Vigour €368
Berginsview Turbo €355
Knocknaseed Jack €349
Millgrove Choice €335
Santry Lion King €332

NEW

COMPS – LAMENESS – CALVING EASE – MAINTENANCE

Ultraplus

LIC Kilvoige AARON

G-Force x Triplestar x Allstar

ACI/SCI Data

AHDB — PRODUCTION DTRS 0 HERDS 0 | DEC 2022 | SOURCE CONV

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	
-403	9.3	-1.7	N/A	SCI £224
Rel%	Fat%	Prot%	£ACI rlb	
62	0.57	0.26	N/A	ACI £201

Fertility Index	10.0	Improver	Lifespan	30	Improver
Calving Ease	N/A	---	Maintenance	N/A	---
Somatic Cell	N/A	---	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	11/02/2020	277	4822	5.47	4.33
2	09/03/2021	280	6079	5.67	4.24
3	29/03/2022	216	5775	5.47	4.27
4	NULL	NULL	NULL	NULL	NULL

EBI Data

HBN: HOLIRLM216786771684 AI Code: CB0157
Dam: 372216786771528
G Dam: IE141766781142
3rd Dam: IE141766771026

Haplotypes: -
Breed: HO(28.13%), FR(9.38%), JE(62.5%)| Pedigree Status: NON-PED

icbf — PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €271
-239	20.0	6.5	77%	
Caseins	Fat%	Pro%		Rel%
---	0.53	0.27		64%

Sub Indexes (€)		Pc
Milk	101	70%
Health	12	40%
Fertility	110	70%
Calving	36	40%
Management	2	50%
Maintenance	44	90%
Beef	-63	5%
Carbon	30	90%

Health			12 65%
Somatic Cell	-0.1	Improver	
Mastitis	-0.05	Improver	
Lameness	-0.05	Improver	
TB %	7.86%	Improver	
Fertility			110 47%
Calving Interval	-6.02	Shorter	
Survival Rate %	2.72	Improver	
Calving			36 86%
Risk of DHC	Low		
Maternal Calving Ease	5.30%	Easier	
Heifer DCE	4.99%	Easier	
Cow DCE	2.00%	Easier	
Gestation Length	-2.6	Earlier	
Mortality	-0.18	Improver	

Maintenance		44 48%	**Management**		2 60%
Stature	-2.39	Shorter	Tempera.	-0.06	Non-Imp.
Live Weight	-46	Lighter	Ease of Milk	-11.8	Faster

Conformation		Pc
Mammary	-0.77	40%
Feet+Legs	1.65	90%
Stature	-2.39	10%
Chest Width	-0.47	40%
Body Depth	-0.86	40%
Locomotion	2.74	95%

Data Supplied by ICBF & AHDB.

COMPS – LOCOMOTION – CALF MORTALITY – GESTATION LENGTH

Coolnasoon ALVI

Albert x Manzello x Aristotle

EBI Data

HBN: HOLIRLM219081653906 AI Code: HO6606
Dam: IE141827822316
G Dam: Coolnasoon Viola 25 GP83
3rd Dam: Coolnasoon Viola 15 GP82

Haplotypes: TL TY TN TV TD TC

Breed: HO(53.13%), FR(18.75%), JE(25%), UN(3.13%)| Pedigree Status: NON-PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €242
146	20.7	15.1	78%	
Caseins	Fat%	Pro%		Rel%
AB - A1A2	0.26	0.17		65%

Sub Indexes (€)		Pc
Milk	119	90%
Health	-5	5%
Fertility	66	50%
Calving	56	95%
Management	10	95%
Maintenance	10	50%
Beef	-7	60%
Carbon	-8	30%

Health	-5	65%
Somatic Cell	-0.01	Improver
Mastitis	0.01	Non-Imp.
Lameness	-0.01	Improver
TB %	9.29%	Non-Imp.

Fertility	66	48%
Calving Interval	-3.03	Shorter
Survival Rate %	2.24	Improver

Calving	56	84%
Risk of DHC	Low	
Maternal Calving Ease	5.24%	Easier
Heifer DCE	5.84%	Easier
Cow DCE	2.32%	Easier
Gestation Length	-5.5	Earlier
Mortality	-0.74	Improver

Maintenance	10	50%
Stature	-0.55	Shorter
Live Weight	0	Average

Management	10	58%
Tempera.	0.11	Improver
Ease of Milk	-20.7	Faster

Conformation	-0.33	Pc
Mammary	-0.73	40%
Feet+Legs	0.67	70%
Stature	-0.55	40%
Chest Width	-0.36	40%
Body Depth	-0.30	50%
Locomotion	0.96	80%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £258
35	13.2	8.8	63	
Rel%	Fat%	Prot%	£ACI rlb	ACI £272
66	0.23	0.15	63	

Fertility Index	5.9	Improver	Lifespan	24	Improver
Calving Ease	1.3	Easier	Maintenance	7	Larger
Somatic Cell	4	Non-Imp.	Calf Survival	1.3	Improver
Mastitis	1	Non-Imp.	Digital Derma	0.2	Improver

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	02/02/2017	266	4623	4.78	3.9
2	08/02/2018	305	6003	4.76	4.23
3	05/02/2019	305	6576	4.78	4.21
4	31/01/2020	305	6273	4.88	4.21

NEW

Only available in Ultraplus HighPurity

COMPS – SCC – FERTILITY – MAINTENANCE

Bopuru BRO

Cairo x Hammer x Camelot

EBI Data

HBN: HOLIRLM219169911368 AI Code: HO7304
Dam: Bopuru Jenny
G Dam: IE341338740302
3rd Dam: IE341338760114

Haplotypes: TL TY TN TV TD TC

Breed: HO(59.38%), FR(31.25%), JE(9.38%)| Pedigree Status: NON-PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €316
91	24.7	13.2	78%	
Caseins	Fat%	Pro%		Rel%
AB - A1A2	0.36	0.17		63%

Sub Indexes (€)		Pc
Milk	121	90%
Health	23	70%
Fertility	142	90%
Calving	29	30%
Management	-2	10%
Maintenance	24	80%
Beef	-34	10%
Carbon	13	70%

Health	23	62%
Somatic Cell	-0.19	Improver
Mastitis	-0.07	Improver
Lameness	-0.05	Improver
TB %	6.34%	Improver

Fertility	142	49%
Calving Interval	-8.22	Shorter
Survival Rate %	3.13	Improver

Calving	29	58%
Risk of DHC	Moderate	
Maternal Calving Ease	5.32%	Easier
Heifer DCE	7.25%	Harder
Cow DCE	3.16%	Harder
Gestation Length	-3.5	Earlier
Mortality	-0.04	Improver

Maintenance	24	46%
Stature	-1.67	Shorter
Live Weight	-19	Lighter

Management	-2	55%
Tempera.	-0.13	Non-Imp.
Ease of Milk	-7.7	Faster

Conformation	-0.44	Pc
Mammary	-0.37	50%
Feet+Legs	-1.02	20%
Stature	-1.67	20%
Chest Width	0.44	70%
Body Depth	-0.39	50%
Locomotion	-0.88	30%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £206
47	3.5	7.3	65	
Rel%	Fat%	Prot%	£ACI rlb	ACI £224
69	0.03	0.11	65	

Fertility Index	2.8	Improver	Lifespan	60	Improver
Calving Ease	1.4	Easier	Maintenance	-4	Compact
Somatic Cell	-4	Improver	Calf Survival	1.0	Improver
Mastitis	0	Average	Digital Derma	0.1	Improver

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	30/03/2014	239	5226	5.03	3.7
2	06/03/2015	263	6450	4.76	3.85
3	22/02/2016	280	7317	4.8	3.82
4	07/03/2017	276	7308	4.77	3.66

EBI – COMPS – FERTILITY – SURVIVAL

Only available in Ultraplus HighPurity

Millgrove CHOICE

Seville x Anton x Mount Everest

EBI Data

HBN: HOLIRLM216962681527 AI Code: HO7307
Dam: Millgrove Claire 1353
G Dam: Millgrove PKR Claire
3rd Dam: Millgrove LCM Claire

Haplotypes: TL TY TN TV TD TC

Breed: HO(78.13%), FR(18.75%), UN(3.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €335
113	19.3	12.3	77%	
Caseins	Fat%	Pro%		Rel%
AB - A1A2	0.25	0.14		61%

Sub Indexes (€)		Pc
Milk	102	70%
Health	9	40%
Fertility	156	95%
Calving	51	80%
Management	0	30%
Maintenance	9	50%
Beef	0	80%
Carbon	6	60%

Health			9 65%
Somatic Cell	-0.07	Improver	
Mastitis	-0.04	Improver	
Lameness	-0.02	Improver	
TB %	7.41%	Improver	
Fertility			**156 45%**
Calving Interval	-9.16	Shorter	
Survival Rate %	3.24	Improver	
Calving			**51 57%**
Risk of DHC	Low		
Maternal Calving Ease	5.57%	Harder	
Heifer DCE	5.22%	Easier	
Cow DCE	2.14%	Easier	
Gestation Length	-4.9	Earlier	
Mortality	-0.5	Improver	

Maintenance			9 43%
Stature	-1.11	Shorter	
Live Weight	1	Heavier	

Management			0 56%
Tempera.	-0.08	Non-Imp.	
Ease of Milk	-10.2	Faster	

Conformation		Pc
Mammary	-1.41	20%
Feet+Legs	-0.30	50%
Stature	-1.11	30%
Chest Width	0.43	70%
Body Depth	-1.26	30%
Locomotion	-1.02	20%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £316
-143	11.3	3.4	62	
Rel%	Fat%	Prot%	£ACI rlb	ACI £304
65	0.35	0.17	62	

Fertility Index	9.3	Improver	Lifespan	24	Improver
Calving Ease	1.4	Easier	Maintenance	6	Larger
Somatic Cell	0	Average	Calf Survival	0.8	Improver
Mastitis	0	Average	Digital Derma	0.7	Improver

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	29/01/2021	299	4897	4.16	3.68
2	05/03/2022	236	5703	3.99	3.56
3	NULL	NULL	NULL	NULL	NULL
4	NULL	NULL	NULL	NULL	NULL

Production and fitness data supplied by AHDB.

MAINTENANCE – LAMENESS – SCC – CALVING EASE

Ultraplus

Brooklawn M ECLIPSE

Epic x Executive x Wizard

EBI Data

HBN: JERIRLM223422792308 AI Code: J2785
Dam: IE182349841158
G Dam: IE182349830555
3rd Dam: IE182349890395

Haplotypes: TL TY TN TV TD TC

Breed: HO(40.63%), FR(9.38%), JE(50%)| Pedigree Status: NON-PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €262
17	16.0	12.7	78%	
Caseins	Fat%	Pro%		Rel%
BB - A2A2	0.27	0.21		65%

Sub Indexes (€)		Pc
Milk	107	70%
Health	8	30%
Fertility	90	60%
Calving	34	40%
Management	7	80%
Maintenance	49	95%
Beef	-56	5%
Carbon	23	90%

Health			8 64%
Somatic Cell	-0.08	Improver	
Mastitis	0	Average	
Lameness	-0.04	Improver	
TB %	7.31%	Improver	
Fertility			**90 48%**
Calving Interval	-4.64	Shorter	
Survival Rate %	2.56	Improver	
Calving			**34 83%**
Risk of DHC	Low		
Maternal Calving Ease	5.20%	Easier	
Heifer DCE	4.60%	Easier	
Cow DCE	1.97%	Easier	
Gestation Length	-2.4	Earlier	
Mortality	0.36	Non-Imp.	

Maintenance			49 46%
Stature	-1.90	Shorter	
Live Weight	-52	Lighter	

Management			7 58%
Tempera.	-0.02	Non-Imp.	
Ease of Milk	-25.8	Faster	

Conformation		Pc
Mammary	-0.36	50%
Feet+Legs	0.61	70%
Stature	-1.90	20%
Chest Width	-0.81	30%
Body Depth	-0.49	50%
Locomotion	1.45	80%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2022 | SOURCE CONV

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £179
-266	6.2	1.4	N/A	
Rel%	Fat%	Prot%	£ACI rlb	ACI £167
62	0.37	0.22	N/A	

Fertility Index	7.6	Improver	Lifespan	24	Improver
Calving Ease	N/A	---	Maintenance	N/A	---
Somatic Cell	N/A	---	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	20/02/2016	282	5520	4.79	4.03
2	11/02/2017	290	7290	5.55	4.3
3	14/02/2018	295	7526	5.89	4.3
4	21/02/2019	280	7766	4.83	4.23

Production and fitness data supplied by AHDB.

CALVING EASE – MAINTENANCE – COMPS – MAMMARY

Kilronan HIGH

Whisper x Kenny x Rakuna

Dam Kilronan HMY Susie 1112

EBI Data

HBN: HOLIRLM222476011495 AI Code: HO5604
Dam: Kilronan HMY Susie 1112
G Dam: Kilronan Susie 2
3rd Dam: Kilronan Susie

Haplotypes: -
Breed: HO(75%), FR(21.88%), JE(3.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 1405 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €238
51	17.3	6.4	99%	
Caseins	Fat%	Pro%		Rel%
---	0.27	0.08		90%

Sub Indexes (€)		Pc
Milk	69	30%
Health	12	40%
Fertility	99	70%
Calving	57	95%
Management	-1	20%
Maintenance	21	70%
Beef	-29	20%
Carbon	10	70%

ACI/SCI Data

AHDB PRODUCTION DTRS 73 HERDS 16 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £282
-90	7.7	1.4	82	
Rel%	Fat%	Prot%	£ACI rlb	ACI £279
92	0.23	0.09	82	

Fertility Index	12.1	Improver	Lifespan	85	Improver
Calving Ease	1.0	Easier	Maintenance	-12	Compact
Somatic Cell	0	Average	Calf Survival	-1.3	Non-Imp.
Mastitis	0	Average	Digital Derma	0.3	Improver

Health		12 82%
Somatic Cell	-0.08	Improver
Mastitis	-0.01	Improver
Lameness	-0.02	Improver
TB %	6.06%	Improver
Fertility		**99 79%**
Calving Interval	-5.24	Shorter
Survival Rate %	2.69	Improver
Calving		**57 97%**
Risk of DHC	Low	
Maternal Calving Ease	5.50%	Harder
Heifer DCE	4.90%	Easier
Cow DCE	2.02%	Easier
Gestation Length	-5.4	Earlier
Mortality	-0.52	Improver

Maintenance		21 88%	Management		-1 73%
Stature	-0.99	Shorter	Tempera.	0.07	Improver
Live Weight	-14	Lighter	Ease of Milk	12.6	Slower

Conformation		-0.18 Pc
Mammary	0.34	70%
Feet+Legs	-1.84	10%
Stature	-0.99	30%
Chest Width	-1.08	20%
Body Depth	-2.18	10%
Locomotion	-0.91	30%

Dam Lactation

No.	Date	Days	Yield	Fat %	Protein %
1	14/02/2016	297	4448	5.09	4.02
2	10/02/2017	305	5219	5.17	4.01
3	20/02/2018	300	6310	5.41	3.85
4	23/02/2019	305	6889	4.8	3.97

Production and fitness data supplied by AHDB.

Data Supplied by ICBF & AHDB.

NEW

CALVING EASE – COMPS – FERTILITY – SCC

Ultraplus HighPurity

Nextgen IMPOSSIBLE

Gallivant x Jester x Jono

EBI Data

HBN: JERIRLM2260446226l5 AI Code: J2872
Dam: Nextgen Hillstar Penny VG87
G Dam: Nextgen Hugestar
3rd Dam: Ballyholly Twilight

Haplotypes: TL TY TN TV TD TC
Breed: JE(100%)| Pedigree Status: -

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €277
-247	19.5	7.3	75%	
Caseins	Fat%	Pro%		Rel%
BB - A2A2	0.53	0.28		60%

Sub Indexes (€)		Pc
Milk	105	70%
Health	11	40%
Fertility	109	70%
Calving	28	20%
Management	7	80%
Maintenance	57	95%
Beef	-74	5%
Carbon	35	95%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £361
-395	9.5	0.1	54	
Rel%	Fat%	Prot%	£ACI rlb	ACI £291
55	0.57	0.29	54	

Fertility Index	2.6	Improver	Lifespan	48	Improver
Calving Ease	N/A	---	Maintenance	-46	Compact
Somatic Cell	12	Non-Imp.	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---

Health		11 64%
Somatic Cell	-0.08	Improver
Mastitis	-0.03	Improver
Lameness	-0.05	Improver
TB %	7.39%	Improver
Fertility		**109 44%**
Calving Interval	-5.4	Shorter
Survival Rate %	3.29	Improver
Calving		**28 58%**
Risk of DHC	Low	
Maternal Calving Ease	5.80%	Harder
Heifer DCE	3.06%	Easier
Cow DCE	1.30%	Easier
Gestation Length	-1.4	Earlier
Mortality	0.66	Non-Imp.

Maintenance		57 45%	Management		7 63%
Stature	-3.14	Shorter	Tempera.	0.05	Improver
Live Weight	-63	Lighter	Ease of Milk	-15.5	Faster

Conformation		1.03 Pc
Mammary	-0.56	40%
Feet+Legs	3.91	99%
Stature	-3.14	5%
Chest Width	-1.56	20%
Body Depth	-0.32	50%
Locomotion	5.86	99%

Dam Lactation

No.	Date	Days	Yield	Fat %	Protein %
1	19/01/2016	298	4016	5.82	4.31
2	20/02/2017	287	4386	5.95	4.35
3	12/02/2018	291	4498	5.91	4.63
4	14/02/2019	301	5049	5.83	4.64

Production and fitness data supplied by AHDB.

Data Supplied by ICBF & AHDB.

EBI – COMPS – FERTILITY – SCC

Knocknaseed JACK

Seville x Norman x Timothy

Dam Knocknaseed Josie 1216

EBI Data

HBN: HOLIRLM218479081336 AI Code: HO7107
Dam: Knocknaseed Josie 1216
G Dam: Knocknaseed YKZ Josie 1013
3rd Dam: Knocknaseed DVJ Josie

Haplotypes: TL TY TN TV TD TC
Breed: HO(78.13%), FR(21.88%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €349
-20	13.1	9.8	78%	
Caseins	Fat%	Pro%		Rel%
AB - A2A2	0.24	0.18		62%

Sub Indexes (€)		Pc
Milk	87	50%
Health	15	60%
Fertility	167	95%
Calving	56	95%
Management	7	80%
Maintenance	12	60%
Beef	-4	70%
Carbon	11	70%

Health			15 67%
Somatic Cell	-0.15	Improver	
Mastitis	-0.06	Improver	
Lameness	0	Average	
TB %	6.77%	Improver	

Fertility			167 46%
Calving Interval	-10.97	Shorter	
Survival Rate %	2.34	Improver	

Calving			56 58%
Risk of DHC	Low		
Maternal Calving Ease	5.77%	Harder	
Heifer DCE	4.24%	Easier	
Cow DCE	2.01%	Easier	
Gestation Length	-5.3	Earlier	
Mortality	-0.38	Improver	

Maintenance			12 43%
Stature	-0.28	Shorter	
Live Weight	-2	Lighter	

Management			7 59%
Tempera.	0.06	Improver	
Ease of Milk	-14.4	Faster	

Conformation		0.41 Pc
Mammary	0.26	70%
Feet+Legs	0.76	80%
Stature	-0.28	50%
Chest Width	1.49	90%
Body Depth	-0.65	40%
Locomotion	1.08	80%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £324
8	13.2	9.5	62	
Rel%	Fat%	Prot%	£ACI rlb	ACI £320
65	0.25	0.18	62	

Fertility Index	7.4	Improver	Lifespan	0	Average
Calving Ease	1.5	Easier	Maintenance	4	Larger
Somatic Cell	-3	Improver	Calf Survival	-0.1	Non-Imp.
Mastitis	0	Average	Digital Derma	0.5	Improver

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	11/02/2021	284	5298	4.2	3.56
2	15/02/2022	275	5812	4.72	3.37
3	NULL	NULL	NULL	NULL	NULL
4	NULL	NULL	NULL	NULL	NULL

Production and fitness data supplied by AHDB.

IRISH HOLSTEIN FRIESIAN

EBI – COMPS – FERTILITY – SURVIVAL

Santry LION KING

Pivotal x Harry x OJI Frank

Dam Santry Queen 617 VG86

EBI Data

HBN: HOLIRLM216064121613 AI Code: HO6613
Dam: Santry Queen 617 VG86
G Dam: Santry Queen 449 EX90
3rd Dam: Santry Queen 397 VG86

Haplotypes: TL TY TN TV TD TC
Breed: HO(84.38%), FR(12.5%), UN(3.13%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €332
22	21.5	10.5	80%	
Caseins	Fat%	Pro%		Rel%
AA - A2A2	0.36	0.17		66%

Sub Indexes (€)		Pc
Milk	104	70%
Health	0	10%
Fertility	167	95%
Calving	43	60%
Management	6	80%
Maintenance	8	50%
Beef	-3	70%
Carbon	7	60%

Health			0 68%
Somatic Cell	-0.04	Improver	
Mastitis	-0.04	Improver	
Lameness	-0.04	Improver	
TB %	10.10%	Non-Imp.	

Fertility			167 46%
Calving Interval	-9.49	Shorter	
Survival Rate %	3.79	Improver	

Calving			43 92%
Risk of DHC	Low		
Maternal Calving Ease	5.07%	Easier	
Heifer DCE	5.98%	Easier	
Cow DCE	2.54%	Harder	
Gestation Length	-3.9	Earlier	
Mortality	-0.62	Improver	

Maintenance			8 43%
Stature	0.15	Taller	
Live Weight	3	Heavier	

Management			6 58%
Tempera.	0.06	Improver	
Ease of Milk	-12.5	Faster	

Conformation		-0.86 Pc
Mammary	-1.30	30%
Feet+Legs	0.48	70%
Stature	0.15	60%
Chest Width	0.54	70%
Body Depth	-0.81	40%
Locomotion	0.48	70%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £363
-106	10.1	6.7	64	
Rel%	Fat%	Prot%	£ACI rlb	ACI £366
67	0.30	0.21	64	

Fertility Index	14.8	Improver	Lifespan	18	Improver
Calving Ease	0.6	Easier	Maintenance	10	Larger
Somatic Cell	-2	Improver	Calf Survival	2.4	Improver
Mastitis	0	Average	Digital Derma	-0.1	Non-Imp.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	06/02/2018	298	5168	5.09	3.94
2	30/01/2019	305	6258	4.76	3.87
3	15/03/2020	274	6333	4.19	3.77
4	17/03/2021	305	10301	4.71	3.92

Production and fitness data supplied by AHDB.

EBI – COMPS – LAMENESS – CALVING EASE

Hanrahan MAGNIFICO

Pivotal x Interstice x Cremin

Dam & Gdam of Hanrahan Magnifico

EBI Data

HBN: HOLIRLM2136752110055 AI Code: HO6605
Dam: Hanrahan S2304 Maureen EX90
G Dam: Hanrahan DGC Maureen EX90
3rd Dam: Hanrahan Uphill Maureen G79

Haplotypes: TL TY TN TV TD TC

Breed: HO(87.5%), FR(12.5%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €322
91	23.2	11.9	80%	
Caseins	Fat%	Pro%		Rel%
BB - A2A2	0.34	0.15		66%

Sub Indexes (€)		Pc
Milk	110	80%
Health	18	60%
Fertility	128	80%
Calving	64	99%
Management	4	60%
Maintenance	9	50%
Beef	-14	50%
Carbon	3	50%

Health		18 69%
Somatic Cell	-0.09	Improver
Mastitis	-0.11	Improver
Lameness	-0.14	Improver
TB %	9.27%	Non-Imp.

Fertility		128 46%
Calving Interval	-6.67	Shorter
Survival Rate %	3.51	Improver

Calving		64 89%
Risk of DHC	Low	
Maternal Calving Ease	4.43%	Easier
Heifer DCE	3.86%	Easier
Cow DCE	1.95%	Easier
Gestation Length	-5.1	Earlier
Mortality	-0.46	Improver

Maintenance		9 47%
Stature	-0.40	Shorter
Live Weight	2	Heavier

Management		4 59%
Tempera.	-0.07	Non-Imp.
Ease of Milk	-21.3	Faster

Conformation		0.17 Pc
Mammary	0.03	60%
Feet+Legs	0.78	80%
Stature	-0.40	50%
Chest Width	-0.14	50%
Body Depth	-0.16	60%
Locomotion	0.72	70%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £421
-97	16.3	9.3	63	
Rel%	Fat%	Prot%	£ACI rlb	ACI £444
66	0.41	0.26	63	

Fertility Index	8.8	Improver	Lifespan	67	Improver
Calving Ease	0.1	Easier	Maintenance	1	Larger
Somatic Cell	-3	Improver	Calf Survival	3.4	Improver
Mastitis	0	Average	Digital Derma	0.2	Improver

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	19/03/2018	276	5882	4.63	3.72
2	27/01/2019	294	6573	4.9	3.8
3	07/02/2020	305	9039	4.47	3.69
4	28/02/2021	292	8759	4.31	3.62

COMPS – SCC – FERTILITY – MAINTENANCE

Moorehill MAX

Cairo x Obsidian x Abraxas

EBI Data

HBN: HOLIRLM226595034949 AI Code: HO6714
Dam: IE351272167295
G Dam: IE351272126335
3rd Dam: IE351272173931

Haplotypes: TL TY TN TV TD TC

Breed: HO(53.13%), FR(18.75%), JE(25%), MO(3.13%)| Pedigree Status: NON-PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €296
-21	17.8	9.5	77%	
Caseins	Fat%	Pro%		Rel%
BB - A2A2	0.33	0.18		63%

Sub Indexes (€)		Pc
Milk	95	60%
Health	2	10%
Fertility	141	90%
Calving	48	70%
Management	8	90%
Maintenance	24	80%
Beef	-40	10%
Carbon	19	80%

Health		2 60%
Somatic Cell	-0.12	Improver
Mastitis	-0.02	Improver
Lameness	0.03	Non-Imp.
TB %	8.69%	Non-Imp.

Fertility		141 45%
Calving Interval	-8.12	Shorter
Survival Rate %	3.1	Improver

Calving		48 79%
Risk of DHC	Low	
Maternal Calving Ease	5.44%	Harder
Heifer DCE	4.48%	Easier
Cow DCE	1.76%	Easier
Gestation Length	-4.1	Earlier
Mortality	0.28	Non-Imp.

Maintenance		24 45%
Stature	-1.84	Shorter
Live Weight	-19	Lighter

Management		8 54%
Tempera.	0.08	Improver
Ease of Milk	-15.3	Faster

Conformation		-0.25 Pc
Mammary	-0.41	50%
Feet+Legs	-0.38	40%
Stature	-1.84	20%
Chest Width	0.22	60%
Body Depth	-0.25	60%
Locomotion	0.06	60%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £315
-175	5.1	3.8	63	
Rel%	Fat%	Prot%	£ACI rlb	ACI £296
67	0.26	0.20	63	

Fertility Index	6.1	Improver	Lifespan	39	Improver
Calving Ease	2.0	Easier	Maintenance	-12	Compact
Somatic Cell	2	Non-Imp.	Calf Survival	1.0	Improver
Mastitis	0	Average	Digital Derma	0.2	Improver

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	30/01/2015	298	3856	6.07	3.91
2	07/02/2016	288	5364	5.58	3.95
3	06/02/2017	289	6226	5.4	4.05
4	01/02/2018	300	5748	6.24	3.92

FRESH SEXED SEMEN DRIVES 80% THREE-WEEK IN-CALF RATE

"WE WILL 100% BE USING COGENT'S FRESH SEXED SEMEN AGAIN, IT WORKED SO WELL I CAN'T SEE US USING ANYTHING ELSE NOW," GEORGE WADE

George Wade milks 380 cows on an autumn-block calving grazing system near Lutterworth, Leicestershire.

In November 2021 George served 80 maiden heifers following a five-day Cidr synchronisation programme.

With a target age at first calving of 23-24 months old, the heifers were served with Cogent's fresh Ultraplus semen at about 14 months old, and with the help of a Cogent AI Technician, they achieved a conception rate of 68% to first service. Any heifers seen returning to heat for the first three weeks following the synchronisation were served again which resulted in a three-week in-calf rate of 80%.

Following the three- to four-week period of service to dairy sires, any remaining open heifers are put to an Aberdeen-Angus bull. Across the heifers and cows, the aim is to produce about 100 heifer replacements per year, and George says they are easily achieving this target with the help of Ultraplus semen.

"We will 100% be using Cogent's fresh sexed semen again, it worked so well I can't see us using anything else now," says George.

At Honey Pot Farm, the cows graze from March to October. The planned start of breeding falls in late November with a view to commencing the autumn calving period at the start of September.

The herd comprises Holstein Friesian cows mostly derived from Irish genetics. George aims to breed a 600kg cow which produces an average yield of 8,000 litres per lactation. When selecting bulls, George uses the Irish Economic Breeding Index (EBI) and focuses on moderate stature, high Milk, positive Fertility Index, good feet and legs and robust conformation.

George says: "We have tried lots of breeds, but we went to Ireland to buy some cows and we were really pleased, they were smaller cows which produced the same amount of milk, fat and protein; they fit well into our system."

Once again for the 2022 breeding period, Cogent will be offering the option of fresh Ultraplus across a range of its high EBI Irish grazing bulls for use on synchronisation programmes.

For more information contact your local Genetic Consultant or
FREEPHONE 0800 783 7258

COMPS – LOCOMOTION – FERTILITY – MAINTENANCE

Ultraplus

Ballydehob MYSTIC 2544

Mystic x Samir x Oman

EBI Data

HBN: HOLIRLM224529752544 AI Code: HO7105
Dam: Ballydehob Amir Patsy VG85
G Dam: Ballydehob Oman Patsy 2 EX92(4)
3rd Dam: Ballydehob GMI Patsy EX90

Haplotypes: TL TY TN TV TD TC HH5C
Breed: HO(90.63%), FR(9.38%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €279
178	21.5	11.6	73%	
Caseins	Fat%	Pro%		Rel%
BE - A1A1	0.25	0.09		58%

Sub Indexes (€)		Pc
Milk	97	60%
Health	10	40%
Fertility	130	80%
Calving	44	60%
Management	-2	10%
Maintenance	19	70%
Beef	-24	30%
Carbon	6	60%

Health			10	63%
Somatic Cell	-0.1	Improver		
Mastitis	-0.03	Improver		
Lameness	-0.04	Improver		
TB %	7.73%	Improver		
Fertility			**130**	**40%**
Calving Interval	-6.97	Shorter		
Survival Rate %	3.38	Improver		
Calving			**44**	**58%**
Risk of DHC	Low			
Maternal Calving Ease	4.95%	Easier		
Heifer DCE	5.29%	Easier		
Cow DCE	2.04%	Easier		
Gestation Length	-3.3	Earlier		
Mortality	-0.6	Improver		
Maintenance			**19**	**42%**
Stature	-1.07	Shorter		
Live Weight	-12	Lighter		
Management			**-2**	**54%**
Tempera.	-0.16	Non-Imp.		
Ease of Milk	-10.9	Faster		
Conformation			**0.33**	**Pc**
Mammary			0.45	70%
Feet+Legs			1.18	80%
Stature			-1.07	30%
Chest Width			-1.66	10%
Body Depth			-1.83	10%
Locomotion			1.64	90%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £367
118	19.4	8.7	62	
Rel%	Fat%	Prot%	£ACI rlb	ACI £395
65	0.28	0.09	62	

Fertility Index	6.8	Improver	Lifespan	79	Improver
Calving Ease	0.7	Easier	Maintenance	-6	Compact
Somatic Cell	-7	Improver	Calf Survival	1.2	Improver
Mastitis	-1	Improver	Digital Derma	0.2	Improver

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	01/02/2021	294	8010	5.12	3.83
2	30/01/2022	259	8262	4.51	3.73
3	NULL	NULL	NULL	NULL	NULL
4	NULL	NULL	NULL	NULL	NULL

IRISH HOLSTEIN FRIESIAN

EBI – COMPS – FERTILITY – SURVIVAL

Ultraplus HighPurity

Shandangan REX

Pivotal x Mobile x OJI Haze

Dam & GDam of Rex

EBI Data

HBN: HOLIRLM214291491972 AI Code: HO6881
Dam: Shandangan Rose 30 VG88
G Dam: Shandangan Rose 15 EX90
3rd Dam: Shandangan Rose 12

Haplotypes: TL TY TN TV TD TC
Breed: HO(90.63%), FR(9.38%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €319
85	20.5	11.1	80%	
Caseins	Fat%	Pro%		Rel%
AB - A1A2	0.29	0.14		66%

Sub Indexes (€)		Pc
Milk	100	60%
Health	24	80%
Fertility	155	90%
Calving	44	60%
Management	6	80%
Maintenance	9	50%
Beef	-25	20%
Carbon	6	60%

Health			24	69%
Somatic Cell	-0.17	Improver		
Mastitis	-0.12	Improver		
Lameness	-0.09	Improver		
TB %	7.81%	Improver		
Fertility			**155**	**46%**
Calving Interval	-8.01	Shorter		
Survival Rate %	4.34	Improver		
Calving			**44**	**89%**
Risk of DHC	Low			
Maternal Calving Ease	4.69%	Easier		
Heifer DCE	5.27%	Easier		
Cow DCE	2.16%	Easier		
Gestation Length	-3.3	Earlier		
Mortality	-0.55	Improver		
Maintenance			**9**	**43%**
Stature	-0.16	Shorter		
Live Weight	1	Heavier		
Management			**6**	**59%**
Tempera.	-0.01	Non-Imp.		
Ease of Milk	-19.9	Faster		
Conformation			**0.45**	**Pc**
Mammary			0.20	60%
Feet+Legs			0.21	60%
Stature			-0.16	50%
Chest Width			-1.49	20%
Body Depth			-1.31	30%
Locomotion			0.73	70%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £484
-236	14.5	3.5	64	
Rel%	Fat%	Prot%	£ACI rlb	ACI £500
67	0.51	0.24	64	

Fertility Index	15.1	Improver	Lifespan	85	Improver
Calving Ease	0.7	Easier	Maintenance	-1	Compact
Somatic Cell	-24	Improver	Calf Survival	2.8	Improver
Mastitis	-3	Improver	Digital Derma	-0.1	Non-Imp.

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	19/02/2018	305	6765	4.35	3.72
2	05/02/2019	305	7267	4.51	3.93
3	18/02/2020	305	8135	4.72	3.82
4	07/02/2021	305	8379	4.85	3.87

COMPS – FERTILITY – SCC – EBI

Belline R+O

Albert x Zander Keet x Curious

EBI Data

HBN: HOLIRLM223918442550 AI Code: HO6883
Dam: Belline Florrie 855
G Dam: Belline Florrie 309
3rd Dam: Falko 5 Florrie

Haplotypes: TL TY TN TV TD TC
Breed: HO(78.13%), FR(21.88%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €314
-195	16.7	6.7	78%	
Caseins	Fat%	Pro%		Rel%
AA - A1A2	0.44	0.24		64%

Sub Indexes (€)		Pc
Milk	92	50%
Health	8	30%
Fertility	164	95%
Calving	20	10%
Management	8	90%
Maintenance	-3	20%
Beef	21	95%
Carbon	5	50%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £231
-54	10.8	5.5	62	
Rel%	Fat%	Prot%	£ACI rlb	ACI £238
65	0.26	0.15	62	

Fertility Index	6.5	Improver	Lifespan	33	Improver
Calving Ease	1.1	Easier	Maintenance	13	Larger
Somatic Cell	7	Non-Imp.	Calf Survival	1.8	Improver
Mastitis	1	Non-Imp.	Digital Derma	0.3	Improver

Health		8 64%
Somatic Cell	-0.07	Improver
Mastitis	-0.03	Improver
Lameness	0	Average
TB %	7.02%	Improver

Fertility		164 48%
Calving Interval	-10.37	Shorter
Survival Rate %	2.7	Improver

Calving		20 81%
Risk of DHC	Moderate	
Maternal Calving Ease	5.20%	Easier
Heifer DCE	7.98%	Harder
Cow DCE	3.18%	Harder
Gestation Length	-2.6	Earlier
Mortality	0.28	Non-Imp.

Maintenance	-3 46%		Management	8 56%	
Stature	-0.62	Shorter	Tempera.	0.1	Improver
Live Weight	18	Heavier	Ease of Milk	-12.6	Faster

Conformation	-0.29 Pc
Mammary	-0.34 50%
Feet+Legs	0.08 60%
Stature	-0.62 40%
Chest Width	1.12 80%
Body Depth	-0.33 50%
Locomotion	-0.60 30%

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	01/03/2009	261	4641	5.14	3.76
2	03/02/2010	305	5824	5.14	3.92
3	04/02/2011	305	7975	4.85	3.93
4	13/02/2012	305	7815	5.1	4

Production and fitness data supplied by AHDB.

Data Supplied by ICBF & AHDB.

IRISH HOLSTEIN FRIESIAN

EBI – COMPS – FERTILITY – MAINTENANCE

Nextgen SERGEANT

Argent x Brigade x Jordanaire

EBI Data

HBN: HOLIRLM226044652493 AI Code: HO7305
Dam: Nextgen FR2007 Joanne 897 VG85
G Dam: Starview CWJ Joanne 2 GP83
3rd Dam: Starview WSU Joanne

Haplotypes: TL TY TN TV TD TC
Breed: HO(71.88%), FR(28.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €329
-217	13.9	5.6	80%	
Caseins	Fat%	Pro%		Rel%
AB - A1A2	0.41	0.24		65%

Sub Indexes (€)		Pc
Milk	81	40%
Health	3	20%
Fertility	173	95%
Calving	43	60%
Management	7	80%
Maintenance	19	70%
Beef	-20	40%
Carbon	22	80%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £356
-307	5.5	1.9	63	
Rel%	Fat%	Prot%	£ACI rlb	ACI £350
67	0.39	0.26	63	

Fertility Index	8.7	Improver	Lifespan	91	Improver
Calving Ease	1.3	Easier	Maintenance	-12	Compact
Somatic Cell	10	Non-Imp.	Calf Survival	2.7	Improver
Mastitis	0	Average	Digital Derma	0.5	Improver

Health		3 69%
Somatic Cell	-0.05	Improver
Mastitis	-0.06	Improver
Lameness	-0.06	Improver
TB %	10.17%	Non-Imp.

Fertility		173 50%
Calving Interval	-9.82	Shorter
Survival Rate %	3.99	Improver

Calving		43 59%
Risk of DHC	Low	
Maternal Calving Ease	5.58%	Harder
Heifer DCE	5.40%	Easier
Cow DCE	1.93%	Easier
Gestation Length	-3.9	Earlier
Mortality	0.26	Non-Imp.

Maintenance	19 47%		Management	7 61%	
Stature	-1.96	Shorter	Tempera.	0.05	Improver
Live Weight	-12	Lighter	Ease of Milk	-16.1	Faster

Conformation	0.36 Pc
Mammary	0.53 70%
Feet+Legs	0.69 70%
Stature	-1.96 20%
Chest Width	0.46 70%
Body Depth	-0.23 60%
Locomotion	0.63 70%

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	24/01/2018	305	4465	5.25	3.84
2	25/01/2019	293	4810	5.41	4.13
3	31/01/2020	300	6015	6.06	3.94
4	05/02/2021	305	6907	5.17	3.87

Production and fitness data supplied by AHDB.

Data Supplied by ICBF & AHDB.

EBI – COMPS – SURVIVAL – CALVING EASE

Only available in Ultraplus HighPurity

Crohanedairy SONNY

Dandyman x Ronaldo x Primo

EBI Data

HBN: HOLIRLM225837640445 AI Code: H07306
Dam: Crohanedairy FR2298 Alannah GP83
G Dam: Crohanedairy PBM Alannah GP83
3rd Dam: Alannah 1592

Haplotypes: TL TY TN TV TD TC

Breed: HO(75%), FR(25%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €310
165	16.1	16.6	79%	
Caseins	Fat%	Pro%		Rel%
AA - A2A2	0.16	0.19		66%

Sub Indexes (€)		Pc
Milk	116	80%
Health	12	40%
Fertility	119	80%
Calving	54	90%
Management	9	90%
Maintenance	6	40%
Beef	-3	70%
Carbon	-3	40%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £443
97	14.4	11.8	64	
Rel%	Fat%	Prot%	£ACI rlb	ACI £476
67	0.20	0.17	64	

Fertility Index	9.8	Improver	Lifespan	91	Improver
Calving Ease	1.5	Easier	Maintenance	-8	Compact
Somatic Cell	-4	Improver	Calf Survival	2.3	Improver
Mastitis	-2	Improver	Digital Derma	0.4	Improver

Health		12 70%
Somatic Cell	-0.12	Improver
Mastitis	-0.07	Improver
Lameness	-0.01	Improver
TB %	7.75%	Improver

Fertility		119 48%
Calving Interval	-6.48	Shorter
Survival Rate %	3.03	Improver

Calving		54 85%
Risk of DHC	Low	
Maternal Calving Ease	4.97%	Easier
Heifer DCE	3.44%	Easier
Cow DCE	1.66%	Easier
Gestation Length	-4.1	Earlier
Mortality	-0.15	Improver

Maintenance		6 49%
Stature	-1.21	Shorter
Live Weight	6	Heavier

Management		9 61%
Tempera.	0.1	Improver
Ease of Milk	-18.2	Faster

Conformation		-0.43 Pc
Mammary	-0.63	40%
Feet+Legs	1.01	80%
Stature	-1.21	30%
Chest Width	0.57	70%
Body Depth	-0.87	40%
Locomotion	1.27	80%

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	29/01/2020	293	5780	3.77	3.72
2	02/02/2021	305	6930	4.24	3.93
3	31/03/2022	54	1586	3.98	3.86
4	NULL	NULL	NULL	NULL	NULL

Production and fitness data supplied by AHDB.

Data Supplied by ICBF & AHDB.

NEW

COMPS – MAINTENANCE – LOCOMOTION – CALVING EASE

Only available in Ultraplus HighPurity

LIC Tinnashrule TROJAN

Gallivant x Gurkha x Prince-Hal

EBI Data

HBN: JERIRLM219606131800 AI Code: J2871
Dam: 372223635345191
G Dam: IE141220653202
3rd Dam: IE141220662089

Haplotypes: TL TY TN TV TD TC RDC

Breed: HO(18.75%), FR(9.38%), JE(71.88%)| Pedigree Status: NON-PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €253
-194	19.6	6.6	73%	
Caseins	Fat%	Pro%		Rel%
BB - A1A2	0.49	0.24		56%

Sub Indexes (€)		Pc
Milk	97	60%
Health	5	20%
Fertility	92	60%
Calving	33	30%
Management	5	70%
Maintenance	46	90%
Beef	-51	5%
Carbon	26	90%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | DEC 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £351
-292	10.3	2.3	54	
Rel%	Fat%	Prot%	£ACI rlb	ACI £297
55	0.48	0.26	54	

Fertility Index	2.8	Improver	Lifespan	51	Improver
Calving Ease	N/A	---	Maintenance	-39	Compact
Somatic Cell	7	Non-Imp.	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---

Health		5 56%
Somatic Cell	-0.06	Improver
Mastitis	-0.03	Improver
Lameness	-0.06	Improver
TB %	9.25%	Non-Imp.

Fertility		92 39%
Calving Interval	-4.4	Shorter
Survival Rate %	2.98	Improver

Calving		33 56%
Risk of DHC	Low	
Maternal Calving Ease	5.73%	Harder
Heifer DCE	5.06%	Easier
Cow DCE	2.39%	Easier
Gestation Length	-2.8	Earlier
Mortality	-0.71	Improver

Maintenance		46 36%
Stature	-2.40	Shorter
Live Weight	-48	Lighter

Management		5 53%
Tempera.	0.23	Improver
Ease of Milk	9.0	Slower

Conformation		0.24 Pc
Mammary	-0.79	40%
Feet+Legs	2.48	95%
Stature	-2.40	10%
Chest Width	-0.38	40%
Body Depth	-0.06	60%
Locomotion	3.82	95%

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	28/01/2021	248	4095	5.59	4.27
2	22/01/2022	271	4549	5.53	4.17
3	NULL	NULL	NULL	NULL	NULL
4	NULL	NULL	NULL	NULL	NULL

Production and fitness data supplied by AHDB.

Data Supplied by ICBF & AHDB.

EBI – COMPS – FERTILITY – MAINTENANCE

Ultraplus

Berginsview TURBO

Magic x Grandeur x Orla

Dam Berginsview Buffy 1272

EBI Data

HBN: HOLIRLM213061521865 AI Code: HO7106
Dam: Berginsview Buffy 1272
G Dam: Berginsview ORL Buffy
3rd Dam: Berginsview UYC Buffy

Haplotypes: TL TY TN TV TD TC
Breed: HO(68.75%), FR(31.25%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €355
-10	14.3	7.6	78%	
Caseins	Fat%	Pro%		Rel%
AB - A1A2	0.26	0.14		62%

Sub Indexes (€)		Pc
Milk	76	40%
Health	6	30%
Fertility	182	95%
Calving	63	99%
Management	1	40%
Maintenance	18	70%
Beef	-13	50%
Carbon	22	80%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £367
-119	8.2	5.8	62	
Rel%	Fat%	Prot%	£ACI rlb	ACI £363
65	0.27	0.20	62	

Fertility Index	9.5	Improver	Lifespan	70	Improver
Calving Ease	1.4	Easier	Maintenance	-8	Compact
Somatic Cell	0	Average	Calf Survival	0.9	Improver
Mastitis	0	Average	Digital Derma	0.2	Improver

Health		6 64%
Somatic Cell	-0.05	Improver
Mastitis	-0.06	Improver
Lameness	-0.02	Improver
TB %	8.66%	Non-Imp.
Fertility		**182 46%**
Calving Interval	-11.07	Shorter
Survival Rate %	3.45	Improver
Calving		**63 58%**
Risk of DHC	Low	
Maternal Calving Ease	5.05%	Easier
Heifer DCE	4.24%	Easier
Cow DCE	1.39%	Easier
Gestation Length	-5.1	Earlier
Mortality	-0.77	Improver

Maintenance		18 44%
Stature	-1.29	Shorter
Live Weight	-11	Lighter

Management		1 56%
Tempera.	-0.03	Non-Imp.
Ease of Milk	-8.0	Faster

Conformation		-1.23 Pc
Mammary	-1.19	30%
Feet+Legs	-1.52	10%
Stature	-1.29	30%
Chest Width	0.03	60%
Body Depth	-1.64	20%
Locomotion	-1.71	10%

Data Supplied by ICBF & AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	19/02/2017	271	6302	5.12	3.8
2	05/02/2018	292	7771	4.64	3.89
3	12/02/2019	300	7783	4.6	3.89
4	11/02/2020	284	7337	4.34	3.76

Production and fitness data supplied by AHDB.

IRISH HOLSTEIN FRIESIAN

A2A2 – STRENGTH – MAINTENANCE – CALVING EASE

Only available in Ultraplus

Castleterry VICTOR

Samir x Argent x Primo

Dam Castleterry Grey 1256

EBI Data

HBN: HOLIRLM223545551430 AI Code: HO6882
Dam: Castleterry Grey 1256
G Dam: Castleterry PBM Grey
3rd Dam: Castleterry NFT Grey

Haplotypes: TL TY TN TV TD TC
Breed: HO(71.88%), FR(28.13%)| Pedigree Status: BSR

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €287
194	14.3	15.5	79%	
Caseins	Fat%	Pro%		Rel%
BB - A2A2	0.11	0.15		65%

Sub Indexes (€)		Pc
Milk	103	70%
Health	6	30%
Fertility	113	80%
Calving	49	80%
Management	5	70%
Maintenance	15	60%
Beef	-10	60%
Carbon	6	60%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £292
-132	0.7	6.7	63	
Rel%	Fat%	Prot%	£ACI rlb	ACI £290
67	0.13	0.23	63	

Fertility Index	7.8	Improver	Lifespan	60	Improver
Calving Ease	1.3	Easier	Maintenance	-1	Compact
Somatic Cell	1	Non-Imp.	Calf Survival	1.3	Improver
Mastitis	0	Average	Digital Derma	-0.1	Non-Imp.

Health		6 68%
Somatic Cell	-0.08	Improver
Mastitis	-0.01	Improver
Lameness	-0.02	Improver
TB %	7.78%	Improver
Fertility		**113 47%**
Calving Interval	-6	Shorter
Survival Rate %	3.05	Improver
Calving		**49 87%**
Risk of DHC	Low	
Maternal Calving Ease	4.93%	Easier
Heifer DCE	4.82%	Easier
Cow DCE	1.88%	Easier
Gestation Length	-4.1	Earlier
Mortality	0.57	Non-Imp.

Maintenance		15 45%
Stature	-1.48	Shorter
Live Weight	-6	Lighter

Management		5 61%
Tempera.	0.1	Improver
Ease of Milk	-3.4	Faster

Conformation		0.11 Pc
Mammary	0.28	70%
Feet+Legs	0.29	70%
Stature	-1.48	30%
Chest Width	0.75	70%
Body Depth	0.30	80%
Locomotion	0.80	70%

Data Supplied by ICBF & AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	27/01/2020	305	6949	4	3.76
2	30/01/2021	291	7041	3.88	3.77
3	17/01/2022	290	6553	4.23	3.67
4	NULL	NULL	NULL	NULL	NULL

Production and fitness data supplied by AHDB.

EBI – COMPS – FERTILITY – MAINTENANCE

Only available in Ultraplus HighPurity

Ballinborta VIGOUR

Rio x Kodak x Justice

EBI Data

HBN: HOLIRLM219762155530 AI Code: HO7199
Dam: 372219762134191
G Dam: Ballinaborta BHZ Ivy
3rd Dam: Ballinaborta HZO Ivy

Haplotypes: TL TY TN TV TD TC

Breed: HO(46.88%), FR(21.88%), JE(31.25%)| Pedigree Status: NON-PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €368
-164	15.5	6.0	71%	
Caseins	Fat%	Pro%		Rel%
AB - A2A2	0.39	0.21		55%

Sub Indexes (€)		Pc
Milk	82	40%
Health	19	70%
Fertility	198	99%
Calving	45	70%
Management	10	95%
Maintenance	24	80%
Beef	-42	10%
Carbon	31	90%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £376
-289	9.9	-0.7	59	
Rel%	Fat%	Prot%	£ACI rlb	ACI £342
63	0.47	0.19	59	

Fertility Index	10.9	Improver	Lifespan	33	Improver
Calving Ease	1.7	Easier	Maintenance	-17	Compact
Somatic Cell	4	Non-Imp.	Calf Survival	1.1	Improver
Mastitis	0	Average	Digital Derma	0.4	Improver

Health		19 56%
Somatic Cell	-0.04	Improver
Mastitis	-0.05	Improver
Lameness	-0.1	Improver
TB %	6.19%	Improver

Fertility		198 35%
Calving Interval	-11.86	Shorter
Survival Rate %	3.89	Improver

Calving		45 58%
Risk of DHC	Low	
Maternal Calving Ease	4.86%	Easier
Heifer DCE	3.85%	Easier
Cow DCE	2.04%	Easier
Gestation Length	-3.0	Earlier
Mortality	-0.73	Improver

Maintenance		24 44%
Stature	-1.64	Shorter
Live Weight	-19	Lighter

Management		10 51%
Tempera.	0.22	Improver
Ease of Milk	-7.6	Faster

Conformation		-0.77 Pc
Mammary	-0.99	30%
Feet+Legs	-0.08	50%
Stature	-1.64	20%
Chest Width	0.00	50%
Body Depth	-1.16	30%
Locomotion	0.24	60%

Data Supplied by ICBF & AHDB.

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	23/02/2020	289	4229	4.92	4.12
2	02/03/2021	282	4268	4.31	3.95
3	NULL	NULL	NULL	NULL	NULL
4	NULL	NULL	NULL	NULL	NULL

IRISH HOLSTEIN FRIESIAN

EBI – SURVIVAL – CALVING EASE – LOCOMOTION

Only available in Ultraplus HighPurity

Ballymaddock WARRIOR

Ring O x Reliable x Uphill

EBI Data

HBN: HOLIRLM219292141519 AI Code: HO7308
Dam: Ballymaddock LWR Daffodil 6 G77
G Dam: Ballymaddock UPH Daffodil 5 VG86
3rd Dam: Ballymaddock RUU Daffodil5

Haplotypes: TL TY TN TV TD TC

Breed: HO(90.63%), FR(9.38%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €328
160	16.2	12.5	79%	
Caseins	Fat%	Pro%		Rel%
AA - A1A2	0.17	0.12		64%

Sub Indexes (€)		Pc
Milk	93	60%
Health	17	60%
Fertility	137	90%
Calving	66	99%
Management	-1	20%
Maintenance	3	30%
Beef	17	95%
Carbon	-3	40%

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £273
28	4.7	7.3	62	
Rel%	Fat%	Prot%	£ACI rlb	ACI £309
66	0.07	0.13	62	

Fertility Index	12.1	Improver	Lifespan	70	Improver
Calving Ease	1.1	Easier	Maintenance	12	Larger
Somatic Cell	-5	Improver	Calf Survival	2.8	Improver
Mastitis	-1	Improver	Digital Derma	0.3	Improver

Health		17 69%
Somatic Cell	-0.12	Improver
Mastitis	-0.07	Improver
Lameness	-0.06	Improver
TB %	7.44%	Improver

Fertility		137 49%
Calving Interval	-7.23	Shorter
Survival Rate %	3.73	Improver

Calving		66 59%
Risk of DHC	Low	
Maternal Calving Ease	4.61%	Easier
Heifer DCE	3.57%	Easier
Cow DCE	1.96%	Easier
Gestation Length	-5.3	Earlier
Mortality	-0.65	Improver

Maintenance		3 48%
Stature	0.22	Taller
Live Weight	10	Heavier

Management		-1 62%
Tempera.	-0.06	Non-Imp.
Ease of Milk	-3.8	Faster

Conformation		-0.29 Pc
Mammary	-0.98	30%
Feet+Legs	0.70	70%
Stature	0.22	70%
Chest Width	0.23	60%
Body Depth	-1.33	30%
Locomotion	1.23	80%

Data Supplied by ICBF & AHDB.

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	01/03/2019	295	7102	4.55	3.86
2	06/03/2020	285	7645	4.47	3.66
3	09/02/2021	295	9599	5.09	3.66
4	NULL	NULL	NULL	NULL	NULL

COMPS – FERTILITY – CALVING EASE – SCC

Ultraplus

Cillwalsh WONDER

Katman x Taurus x Merci 5

Dam Cillwalsh Weary 13

EBI Data

HBN: HOLIRLM217532162149 AI Code: HO6595
Dam: Cillwalsh Weary 13 1703
G Dam: Cillwalsh MTZ Weary
3rd Dam: Cillwalsh UYC Weary

Haplotypes: TL TY TN TV TD TC
Breed: HO(81.25%), FR(18.75%)| Pedigree Status: PED

icbf PRODUCTION DTRS 0 | NOV 2022 | SOURCE ICBF

Milk Kgs	Fat Kgs	Prot Kgs	Rel%	EBI €299
-3	12.0	8.8	79%	
Caseins	Fat%	Pro%		Rel%
AB - A2A2	0.21	0.16		66%

Sub Indexes (€)		Pc
Milk	77	40%
Health	12	40%
Fertility	140	90%
Calving	42	60%
Management	2	50%
Maintenance	18	70%
Beef	-7	60%
Carbon	15	70%

Health		12 65%
Somatic Cell	-0.11	Improver
Mastitis	-0.09	Improver
Lameness	-0.05	Improver
TB %	8.83%	Non-Imp.

Fertility		140 45%
Calving Interval	-8.43	Shorter
Survival Rate %	2.71	Improver

Calving		42 96%
Risk of DHC	Low	
Maternal Calving Ease	5.50%	Harder
Heifer DCE	5.41%	Easier
Cow DCE	2.35%	Easier
Gestation Length	-3.7	Earlier
Mortality	-0.68	Improver

Maintenance		18 44%
Stature	-0.89	Shorter
Live Weight	-10	Lighter

Management		2 56%
Tempera.	-0.01	Non-Imp.
Ease of Milk	-7.3	Faster

Conformation		-0.23 Pc
Mammary	-0.38	50%
Feet+Legs	-0.24	50%
Stature	-0.89	40%
Chest Width	0.42	70%
Body Depth	-0.57	50%
Locomotion	0.45	70%

Data Supplied by ICBF & AHDB.

ACI/SCI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £394
-71	8	6.6	61	
Rel%	Fat%	Prot%	£ACI rlb	ACI £394
64	0.22	0.18	61	

Fertility Index	11.3	Improver	Lifespan	73	Improver
Calving Ease	1.5	Easier	Maintenance	-10	Compact
Somatic Cell	0	Average	Calf Survival	1.1	Improver
Mastitis	-1	Improver	Digital Derma	0.3	Improver

Production and fitness data supplied by AHDB.

Dam Lactation

icbf

No.	Date	Days	Yield	Fat %	Protein %
1	03/02/2017	285	4937	4.43	3.78
2	14/02/2018	279	5623	4.11	3.83
3	31/01/2019	294	6572	4.58	3.96
4	09/02/2020	299	6999	4.91	3.86

- NEW ZEALAND JERSEY -

UNDERSTANDING NEW ZEALAND BULL DATA

Cogent is pleased to be able to offer a selection of New Zealand Jersey bulls through its partnership with LIC. Here is a guide to understanding New Zealand bull data and its Breeding Worth index.

Across all Breeds Evaluation

The bull data in this catalogue is displayed across all breeds; this is in line with how New Zealand Animal Evaluation Limited (NZAEL) and LIC rank New Zealand dairy animals. Because many dairy farmers in the UK and around the world select genetics from multiple breeds for optimal herd performance, it is important for farmers to understand how an animal should perform within the whole herd.

The Base Cow

The New Zealand Base Cow is the genetic reference point from which Breeding Worth (BW) and Breeding Values (BV) are measured for all New Zealand dairy cattle. All the bull information in this catalogue is recorded relative to the 2005 Base Cow – the average of 21,585 cows born in the year 2005 – whose production and TOP (traits other than production) data has been set to zero. Each cow has been TOP inspected and milk recorded at least four times to deliver an accurate result.

Traits Other than Production (TOP) - Assessing the Animal

Traits Other than Production (TOP) refer to the behaviour, temperament and physical attributes of a cow and are scored separately on a scale from one to nine. The four farmer-scored and 14 inspector-scored TOP traits are considered most important in relation to the overall requirements of dairy farmers. TOP records from two-year-old animals are used for sire evaluations. A score of 1 is undesirable, 5 is average and 9 is desirable.

BREEDING WORTH EXPLAINED

National Breeding Objective

The New Zealand dairy industry has a National Breeding Objective - 'to breed dairy cows that efficiently convert feed into profit'.

To achieve this, nine key traits that contribute to the goal have been identified and included in a balanced breeding index. The index is called Breeding Worth (BW) and the unit of measurement is NZ$. BW uses genetic merit breeding values (BV) and updated economic values (EV).

As a balanced index, it combines four production traits and five robustness traits. Other traits are measured, some of which contribute to BW as underlying predictor traits. BW ranks bulls and cows according to the profit their offspring are expected to generate relative to a genetic reference point, the 'Base Cow', which is set at zero. BW is calculated by summing the contribution to profit across the nine economically important traits.

For each contributing trait the breeding value is multiplied by the economic value of that trait.

Breeding Worth (BW) = Breeding Value (BV) X Economic Value (EV)

Breeding Values (BV) are an estimate of a cow or bull's genetic merit for a trait. BVs are updated at least monthly as performance information of the animal and its relatives is collated.

Economic Values (EV) represent the economic value of a trait to a dairy farmer and are usually updated annually. They are calculated using economic models accounting for revenue and costs on-farm. Because milk price fluctuates from year to year, a rolling average of historic, current, and forecast milk price values are used in the calculation. The resulting profit index is reported in relation to the animal, with half its value passed on to offspring. For example, on average the offspring of a bull with a BW $200 and a cow of BW $100 are expected to make $150 more profit per annum than the Base Cow would. EVs determine the relative weighting of each trait within the index. As EVs are updated each year, trait weightings in the index will adjust slightly.

Breeding Worth Traits

The nine traits and their weightings that are included in Breeding Worth are as follows:

Milk fat, Protein, Milk Volume and Liveweight are categorised as Production Efficiency traits.

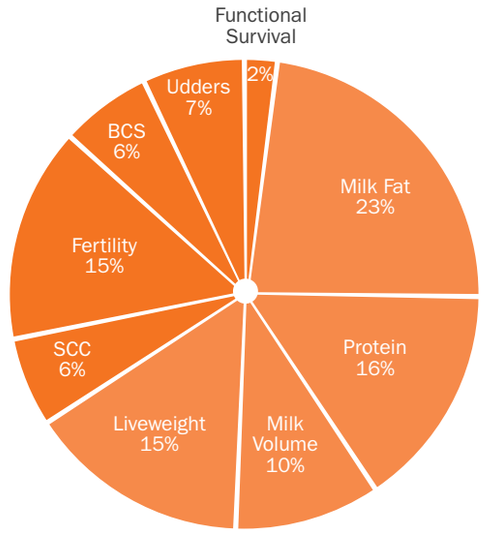
Fat, protein and volume estimate production, while liveweight accounts for the efficiency of feed partitioning between body maintenance and production.

Fertility, Somatic Cell Score (SCS), Functional Survival (FS), Body Condition Score (BCS) and Udder Overall (UO) are referred to as Robustness traits. These traits are important for cow health and survival in the herd.

Breeding Worth Reliability

An important indication of the accuracy of a BW prediction is the Reliability figure. Reliability reflects the degree of certainty that a BW estimation will not change if more data is added. The higher the reliability, the more certain we can be that the BW estimation reflects the animal's true genetic merit. Reliability is reported on a scale of 0 to 100%. It increases with the amount of information. Information sources and BW estimation reliabilities - no information (0%), ancestry information (20-30%), genomic information (40-60%) and daughter proof information (70-99%).

Production and fitness data supplied by AHDB.



Proven bulls generally have higher reliability figures than cows, simply because they have many more daughters milking.

LIC HoofPrint

The HoofPrint index highlights bulls which have the potential to breed progeny for dairy herds with a lighter environmental impact.

HoofPrint is a 10-point ranking system developed to help farmers achieve their target reduction of environmental impact and make more informed decisions about the environmental efficiency of the milk they produce.

The scale runs from 10 to 1, with 10 having the greatest potential to reduce environmental impact per kg of product produced.

HoofPrint Modelling methodology was used to calculate expected enteric methane emissions and urinary nitrogen excretion – highlighting those that most efficiently convert the food they eat in to milk production.

FARMER SCORED TRAITS		Low Score	High Score	Base Cow Average
Sire proving farmers score two-year-old heifers on the four farmer traits				
Adaptability to milking	describes the temperament of the heifer in the farm dairy while being handledand milked	Slowly	Quickly	6.12
Shed Temperament	describes the temperament of the heifer in the farm dairy while being handled and milked	Nervous	Placid	6.28
Milking Speed	describes the milking speed of the heifer	Slow	Fast	6.33
Overall opinion	describes the farmer's overall acceptance of the heifer as a herd member	Undesirable	Desirable	6.57
INSPECTOR SCORED CONFORMATION TRAITS				
Stature	describes the height at the shoulders of the heifer in five centimetre bands	Small	Tall	5.75
Capacity	describes depth and width of chest and body in relation to the physical size of the heifer	Frail	Capacious	6.34
Rump angle	describes the angle of a line between the centre of the hips and the top of the pins	High Pins	Sloping	4.79
Rump width	describes the distance between the pins bones, relative to size of the animal	Narrow	Wide	6.17
Legs	describes the straightness or curvature of the back legs while the heifer is walking	Straight	Curved	6.18
Udder Support	describes the strength of the suspensory ligament, and the udder depth relative to the hocks	Weak	Strong	6.02
Front Udder	describes the attachment of the front udder to the body wall	Loose	Strong	5.70
Rear Udder	describes the height and width of the rear udder attachment	Low	High	5.76
Front Teat Placement	describes the placement of the front teats relative to the centre of the quarters	Wide	Close	4.53
Rear Teat Placement	describes the placement of the rear teats relative to the centre of the quarters	Wide	Close	5.84
Teat Length	describes the length of the rear teats from the udder to the tip of the teat	Short	Long	4.10*
Udder Overall	assesses the desirability of all traits pertaining to the udder	Undesirable	Desirable	5.71
Dairy Conformation	assesses the desirability of all traits pertaining to dairy conformation, but excluding udder traits	Undesirable	Desirable	6.45

* Teat length was first scored in 2018 so there is no phenotypic average for the Base cow, this average is calculated from raw scores, from daughters of bulls that have a BV of 0

BW - COMPS - CALVING EASE - CAPACITY

Ultraplus

Glanton Desi BANFF

Desi x Tana x Manhatten

$BW Data

HBN: JERNZLM000000318021 AI Code: J2847
Dam: Glanton Tana Blysse
G Dam: Glanton Mans Blanche
3rd Dam: Glanton Ever Blaise

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: -

LIC PRODUCTION DTRS 2042 | NOVEMBER 2022 | SOURCE LIC

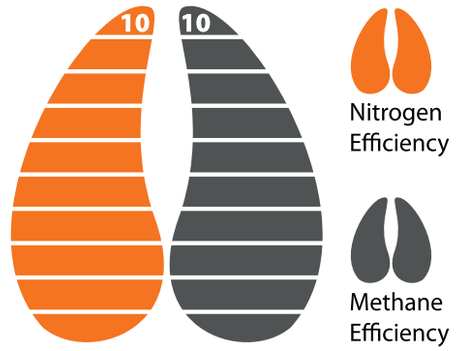
Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 516
-583	51	17	1433	
Beta A2	Fat%	Pro%	VMSI	Rel%
A2A2	6.7	4.8	1395	97

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £458
-543	16	1.2	52	
Rel%	Fat%	Prot%	£ACI rlb	ACI £383
52	0.87	0.44	52	

Fertility Index	3.6	Improver	Lifespan	20	Improver
Calving Ease	N/A		Maintenance	-46	Compact
Somatic Cell	7	Non-Imp.	Calf Survival	N/A	
Mastitis	0	Average	Digital Derma	N/A	



Health			
Somatic Cell Count	-0.39		Improver
Cow Calving Ease (REL%)	-1.1	97	Easier
Heifer Calving Ease (REL%)	-2.2	97	Easier
Gestation Length	-7.7	days	Shorter
Fertility	2.6	%	Improver
Functional Survival	2.5	%	Improver
Liveweight	-27	kg	Lighter
Body Condition	0.13		Improver

Management	152 dtrs
Overall Opinion	0.43
Milking Adaptation	0.4
Milking Speed	0.06
Temperament	0.42

Conformation	152 dtrs
Stature	-0.75
Capacity	0.66
Rump Angle	-0.35
Rump Width	0.37
Legs Overall	0.08
Udder Support	0.09
Fore Udder	0.36
Rear Udder	0.45
Front Teat Pl.	-0.02
Rear Teat Pl.	-0.61
Teat Length	-0.14
Udder Overall	0.34
Type Overall	0.58

LIC® LIVESTOCK IMPROVEMENT

SURVIVAL - CALVING EASE - COMPS - UDDERS

Ultraplus

Riverview AND DEXTER S2J

Degree x Murmur x Manhattan

$BW Data

HBN: JERNZLM000000315009 AI Code: J2637
Dam: HFYM-12-24
G Dam: HFYM-10-6
3rd Dam: HFYM-07-7

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: NON-PED

LIC PRODUCTION DTRS 3022 | NOVEMBER 2022 | SOURCE LIC

Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 359
-62	31	19	1334	
Beta A2	Fat%	Pro%	VMSI	Rel%
A2A2	5.5	4.3	1309	98

Health			
Somatic Cell Count	-0.31		Improver
Cow Calving Ease (REL%)	-0.4	97	Easier
Heifer Calving Ease (REL%)	-1	97	Easier
Gestation Length	-1.5	days	Shorter
Fertility	1.4	%	Improver
Functional Survival	3.7	%	Improver
Liveweight	-9	kg	Lighter
Body Condition	0.19		Improver

Management	145 dtrs	
Overall Opinion		0.37
Milking Adaptation		0.18
Milking Speed		0.24
Temperament		0.17

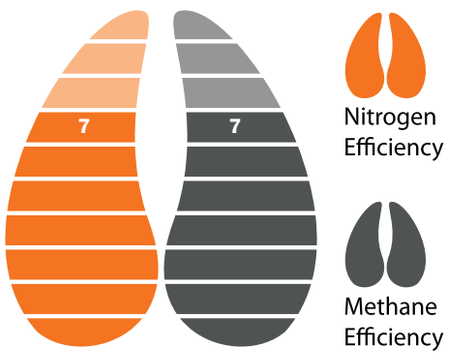
Conformation	145 dtrs	
Stature		-0.48
Capacity		0.78
Rump Angle		-0.07
Rump Width		0.34
Legs Overall		-0.02
Udder Support		0.48
Fore Udder		0.63
Rear Udder		0.2
Front Teat Pl.		0.73
Rear Teat Pl.		0.68
Teat Length		0.27
Udder Overall		0.66
Type Overall		0.68

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2021 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £380
-330	11.6	3.1	52	
Rel%	Fat%	Prot%	£ACI rlb	ACI £347
53	0.54	0.30	52	

Fertility Index	3.4	Improver	Lifespan	85	Improver
Calving Ease	N/A		Maintenance	-39	Compact
Somatic Cell	4	Non-Imp.	Calf Survival	-0.3	Non-Imp.
Mastitis	0	Average	Digital Derma	N/A	



LIC® LIVESTOCK IMPROVEMENT

FERTILITY - COMPS - BW - CALVING EASE

Ultraplus

Ulmarra TT GALLIVANT

Thor x Excell x Genius

$BW Data

HBN: JERNZLM000000316039 AI Code: J2773
Dam: Ulmarra 15-56
G Dam: FMMN-09-30
3rd Dam: FMMN-05-15

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: NON-PED

LIC PRODUCTION DTRS 140 | NOVEMBER 2022 | SOURCE LIC

Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 432
-120	48	17	1393	
Beta A2	Fat%	Pro%	VMSI	Rel%
A1A2	5.9	4.3	1343	93

Health			
Somatic Cell Count	-0.04		Improver
Cow Calving Ease (REL%)	-0.5	96	Easier
Heifer Calving Ease (REL%)	-2.3	97	Easier
Gestation Length	-0.3	days	Shorter
Fertility	5.8	%	Improver
Functional Survival	2.7	%	Improver
Liveweight	-4	kg	Lighter
Body Condition	0.06		Improver

Management	117 dtrs	
Overall Opinion		0.38
Milking Adaptation		0.31
Milking Speed		0.02
Temperament		0.32

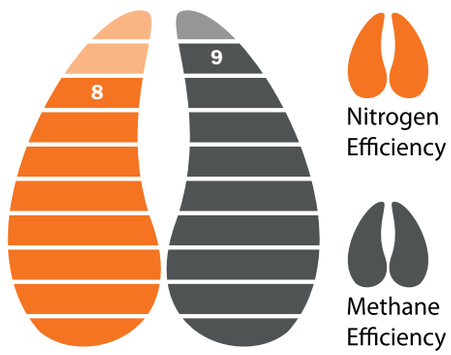
Conformation	117 dtrs	
Stature		-0.32
Capacity		0.62
Rump Angle		-0.19
Rump Width		-0.06
Legs Overall		0.1
Udder Support		0.32
Fore Udder		0.7
Rear Udder		0.71
Front Teat Pl.		0.09
Rear Teat Pl.		-0.06
Teat Length		0.25
Udder Overall		0.58
Type Overall		0.57

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £432
-397	15.5	1.5	49	
Rel%	Fat%	Prot%	£ACI rlb	ACI £378
49	0.70	0.32	49	

Fertility Index	8.3	Improver	Lifespan	48	Improver
Calving Ease	N/A		Maintenance	-39	Compact
Somatic Cell	8	Non-Imp.	Calf Survival	N/A	
Mastitis	0	Average	Digital Derma	N/A	



LIC® LIVESTOCK IMPROVEMENT

BW - COMPS - CAPACITY - UDDERS

Ultraplus

Glenui Super LAMAR

Superstition x Goldie x Integrity

$BW Data

HBN: JERNZLM000000318015 AI Code: J2846
Dam: Glenui Goldie Lacey
G Dam: Glenui Integrity Lace
3rd Dam: Glenui Nevys Lacy

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: -

LIC PRODUCTION DTRS 1462 | NOVEMBER 2022 | SOURCE LIC

Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 459
-46	50	11	1416	
Beta A2	Fat%	Pro%	VMSI	Rel%
A2A2	5.9	4.1	1395	97

Health			
Somatic Cell Count	-0.61		Improver
Cow Calving Ease (REL%)	-0.8	91	Easier
Heifer Calving Ease (REL%)	-1.9	91	Easier
Gestation Length	-2.6	days	Shorter
Fertility	2.2	%	Improver
Functional Survival	3.4	%	Improver
Liveweight	-48	kg	Lighter
Body Condition	-0.03		Non-Imp.

Management	137 dtrs
Overall Opinion	0.33
Milking Adaptation	0.32
Milking Speed	0.16
Temperament	0.32

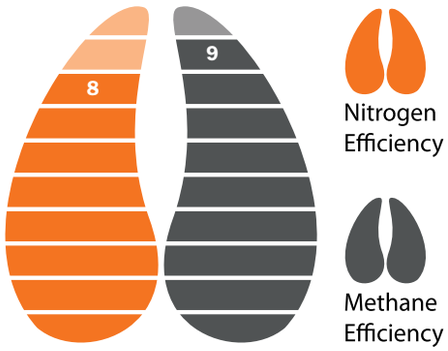
Conformation	137 dtrs
Stature	-0.77
Capacity	0.42
Rump Angle	-0.59
Rump Width	0.53
Legs Overall	0.12
Udder Support	0.62
Fore Udder	0.53
Rear Udder	0.84
Front Teat Pl.	0.32
Rear Teat Pl.	0.54
Teat Length	-0.69
Udder Overall	0.77
Type Overall	0.46

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £401
-378	15.8	-1.2	52	
Rel%	Fat%	Prot%	£ACI rlb	ACI £353
53	0.68	0.25	52	

Fertility Index	2.8	Improver	Lifespan	72	Improver
Calving Ease	N/A		Maintenance	-48	Compact
Somatic Cell	-4	Improver	Calf Survival	N/A	
Mastitis	-2	Improver	Digital Derma	N/A	



LIC LIVESTOCK IMPROVEMENT

CALVING EASE - CAPACITY - UDDERS - COMPS

Ultraplus

Paspalum OI LIMELIGHT

Integrity x Genius x Manhatten

$BW Data

HBN: JERNZLM000000317060 AI Code: J2797
Dam: Paspalum GTG Linda 40
G Dam: Paspalum OM Linda 29
3rd Dam: Paspalum PA Linda 11

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: -

LIC PRODUCTION DTRS 92 | NOVEMBER 2022 | SOURCE LIC

Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 372
-364	29	9	1364	
Beta A2	Fat%	Pro%	VMSI	Rel%
A1A2	5.8	4.3	1334	87

Health			
Somatic Cell Count	-0.03		Improver
Cow Calving Ease (REL%)	-1.6	89	Easier
Heifer Calving Ease (REL%)	-2.1	90	Easier
Gestation Length	1.2	days	Longer
Fertility	2.9	%	Improver
Functional Survival	2.2	%	Improver
Liveweight	-63	kg	Lighter
Body Condition	-0.02		Non-Imp.

Management	55 dtrs
Overall Opinion	0.61
Milking Adaptation	0.59
Milking Speed	0.19
Temperament	0.61

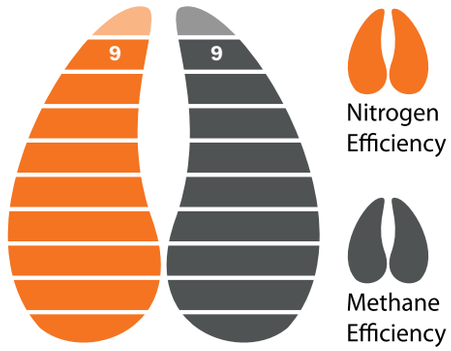
Conformation	55 dtrs
Stature	-1.04
Capacity	0.32
Rump Angle	-0.2
Rump Width	-0.15
Legs Overall	0.07
Udder Support	0.79
Fore Udder	0.72
Rear Udder	0.98
Front Teat Pl.	0.33
Rear Teat Pl.	0.42
Teat Length	-0.84
Udder Overall	0.96
Type Overall	0.4

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £439
-446	11.1	0.4	51	
Rel%	Fat%	Prot%	£ACI rlb	ACI £362
52	0.65	0.34	51	

Fertility Index	5.9	Improver	Lifespan	17	Improver
Calving Ease	N/A		Maintenance	-55	Compact
Somatic Cell	11	Non-Imp.	Calf Survival	N/A	
Mastitis	0	Average	Digital Derma	N/A	



LIC LIVESTOCK IMPROVEMENT

BW - COMPS - CAPACITY - UDDER

Ultraplus

Tironui SUPERMAN

Superstition x Integrity x Nevvy

$BW Data

HBN: JERNZLM000000318009 AI Code: J2845
Dam: Tironui Integ Meg
G Dam: Tironui Nevvys Megan
3rd Dam: Tironui Judds Meg

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: -

LIC PRODUCTION DTRS 2030 | NOVEMBER 2022 | SOURCE LIC

Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 452
-51	53	22	1425	
Beta A2	Fat%	Pro%	VMSI	Rel%
A2A2	6.0	4.3	1401	97

Health			
Somatic Cell Count	-0.05		Improver
Cow Calving Ease (REL%)	-0.1	96	Easier
Heifer Calving Ease (REL%)	-1.9	96	Easier
Gestation Length	-2.4	days	Shorter
Fertility	-1	%	Non-Imp.
Functional Survival	1.3	%	Improver
Liveweight	-34	kg	Lighter
Body Condition	-0.09		Non-Imp.

Management	112 dtrs
Overall Opinion	0.29
Milking Adaptation	0.15
Milking Speed	0.04
Temperament	0.15

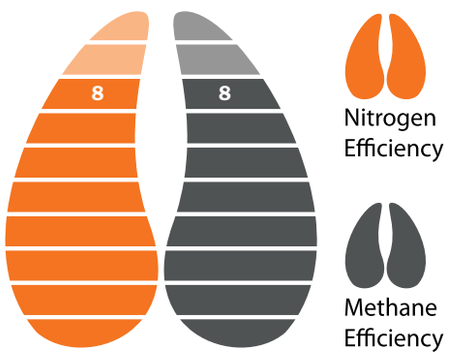
Conformation	112 dtrs
Stature	-0.53
Capacity	0.43
Rump Angle	-0.9
Rump Width	0.49
Legs Overall	0.07
Udder Support	0.47
Fore Udder	0.44
Rear Udder	0.77
Front Teat Pl.	0.07
Rear Teat Pl.	0.03
Teat Length	0.02
Udder Overall	0.61
Type Overall	0.47

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £430
-347	18.3	4.2	52	
Rel%	Fat%	Prot%	£ACI rlb	ACI £381
54	0.70	0.34	52	

Fertility Index	1.6	Improver	Lifespan	57	Improver
Calving Ease	N/A		Maintenance	-45	Compact
Somatic Cell	9	Non-Imp.	Calf Survival	N/A	
Mastitis	0	Average	Digital Derma	N/A	



LIC LIVESTOCK IMPROVEMENT

COMPS - CALVING EASE - SURVIVAL - UDDERS

Ultraplus

Thornwood Degree TRIGGER

Degree x Manzello x Stanza

$BW Data

HBN: JERNZLM000000315029 AI Code: J2844
Dam: Hillstar Manzellos Trudy
G Dam: Hillstar Stanzas Trudy
3rd Dam: Hillstar Admirals Trudy

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: -

LIC PRODUCTION DTRS 1405 | NOVEMBER 2022 | SOURCE LIC

Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 361
-255	34	13	1369	
Beta A2	Fat%	Pro%	VMSI	Rel%
A2A2	5.8	4.3	1328	98

Health			
Somatic Cell Count	-0.19		Improver
Cow Calving Ease (REL%)	-1.1	97	Easier
Heifer Calving Ease (REL%)	-2.6	95	Easier
Gestation Length	-4.2	days	Shorter
Fertility	-0.5	%	Non-Imp.
Functional Survival	2.8	%	Improver
Liveweight	-25	kg	Lighter
Body Condition	0.11		Improver

Management	219 dtrs
Overall Opinion	0.09
Milking Adaptation	-0.05
Milking Speed	0.13
Temperament	-0.07

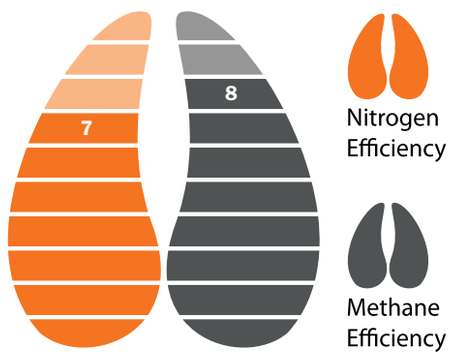
Conformation	219 dtrs
Stature	-0.74
Capacity	0.69
Rump Angle	-0.68
Rump Width	-0.12
Legs Overall	0.02
Udder Support	0.83
Fore Udder	1.15
Rear Udder	1.24
Front Teat Pl.	0.39
Rear Teat Pl.	0.29
Teat Length	-0.7
Udder Overall	1.19
Type Overall	0.74

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £381
-408	12.2	0.8	54	
Rel%	Fat%	Prot%	£ACI rlb	ACI £331
54	0.64	0.32	54	

Fertility Index	1.5	Improver	Lifespan	75	Improver
Calving Ease	N/A		Maintenance	-46	Compact
Somatic Cell	6	Non-Imp.	Calf Survival	N/A	
Mastitis	0	Average	Digital Derma	N/A	



LIC LIVESTOCK IMPROVEMENT

COMPS - FERTILITY - CALVING EASE - GESTATION LENGTH

Ultraplus

Heuven Super WISEGUY

Superstition x Terrific x Doddy

$BW Data

HBN: JERNZLM000000317034 AI Code: J2798
Dam: Heuven 14-173
G Dam: Heuven Doddy Wish
3rd Dam: WMM-03-31

Haplotypes: TL TN TV
Breed Split: J16| Pedigree Status: NON-PED

LIC PRODUCTION DTRS 346 | NOVEMBER 2022 | SOURCE LIC

Milk Kgs	Fat Kgs	Prot Kgs	High Input	BW 339
-185	33	20	1302	
Beta A2	Fat%	Pro%	VMSI	Rel%
A2A2	5.7	4.4	1289	95

Health			
Somatic Cell Count	0.26		Non-Imp.
Cow Calving Ease (REL%)	-0.4	81	Easier
Heifer Calving Ease (REL%)	-3.1	63	Easier
Gestation Length	-6.3	days	Shorter
Fertility	3	%	Improver
Functional Survival	1.3	%	Improver
Liveweight	-32	kg	Lighter
Body Condition	-0.06		Non-Imp.

Management	94 dtrs
Overall Opinion	0.44
Milking Adaptation	0.4
Milking Speed	0.34
Temperament	0.4

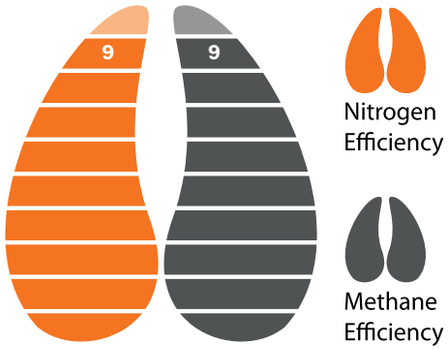
Conformation	94 dtrs
Stature	-0.61
Capacity	0.3
Rump Angle	-0.3
Rump Width	-0.12
Legs Overall	0.03
Udder Support	0.01
Fore Udder	-0.12
Rear Udder	0.24
Front Teat Pl.	-0.16
Rear Teat Pl.	-0.21
Teat Length	-0.21
Udder Overall	0.03
Type Overall	0.32

£SCI/£ACI Data

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £388
-411	10.2	2.7	52	
Rel%	Fat%	Prot%	£ACI rlb	ACI £331
52	0.60	0.36	52	

Fertility Index	4.3	Improver	Lifespan	57	Improver
Calving Ease	N/A		Maintenance	-45	Compact
Somatic Cell	16	Non-Imp.	Calf Survival	N/A	
Mastitis	2	Non-Imp.	Digital Derma	N/A	



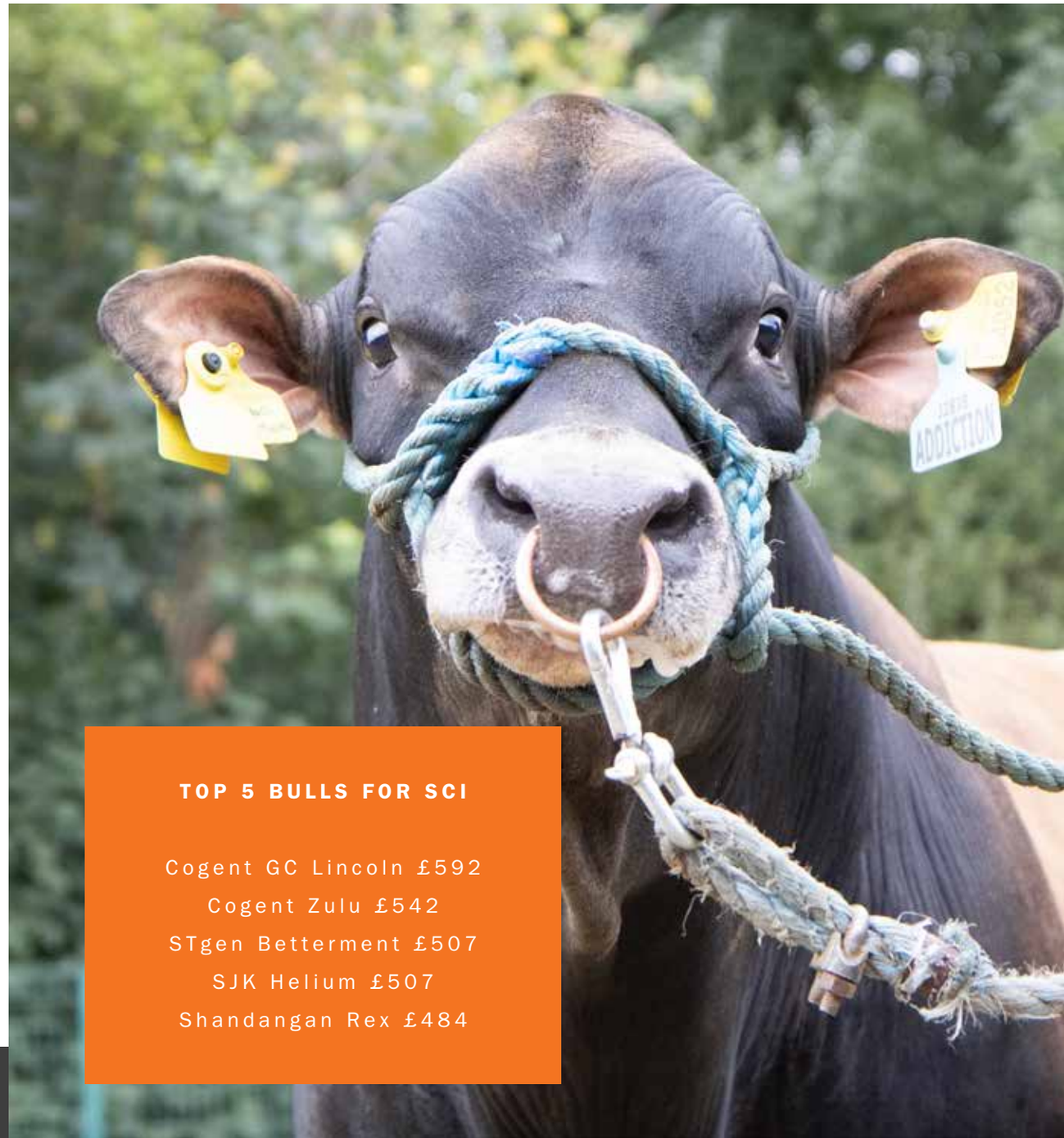
Nitrogen Efficiency

Methane Efficiency

LIC® LIVESTOCK IMPROVEMENT

- SCI/ACI -

SPRING CALVING INDEX / AUTUMN CALVING INDEX



TOP 5 BULLS FOR SCI

Cogent GC Lincoln £592
Cogent Zulu £542
STgen Betterment £507
SJK Helium £507
Shandangan Rex £484

JERSEY

MAMMARY | FERTILITY | COMPS | MAINTENANCE | Ultraplus HighPurity

Rivermead Casino Addiction

Casino x Branson x Karamel Krunch

HBN: JERGBRM361664304052 AI Code: J2838
Dam: Sunnydawn Branson Selina EX92(3)
G Dam: Sunnydawn Krunch Narina EX94(6)
3rd Dam: Sunnydawn Iatola Karina EX92

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £333
-141	12	2.4	59	
Rel%	Fat%	Prot%	£ACI rlb	ACI £302
60	0.37	0.15	59	

UK Type Merit	1.70	Excellent	
UK Udder Comp	2.10	Excellent	
UK Feet and Legs	0.60	Excellent	
Stature	1.50	Tall	
Chest Width	-0.10	Narrow	
Body Depth	-0.20	Shallow	
Angularity	1.20	Open Rib	
Rump Angle	0.30	Low Pins	
Rump Width	0.70	Wide	
Rear Leg Side	0.40	Sickle	
Foot Angle	0.50	Steep	
F.Udder Attach	1.60	Tight	
R. Udder Height	1.40	Very High	
Udder Support	2.50	Strong	
Udder Depth	1.50	Shallow	
F.Teat Placement	2.10	Close	
Teat Length	-1.30	Short	
R.Teat Placement	N/A		
Teat Pos Side	N/A		
Temperament	N/A		
Locomotion	0.30	Excellent	
Condition Score	N/A		

TYPE62%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	4.7	Improver	Lifespan	90	Improver
Calving Ease	N/A	---	Maintenance	-48	Compact
Somatic Cell	8	Non-Imp.	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---
Milking Speed	N/A	---	Milk Proteins	BB - A2A2	

Production and fitness data supplied by AHDB.

HOLSTEIN FRIESIAN

SCI | MILK | LIFESPAN | SCC | ONLY WARRELDEN | Ultra plus

STGen Betterment

Altazarek x Achiever x Jedi

HBN: HOL840M003143701534 AI Code: HO6590
Dam: Winstar Achiever 4625 G79
G Dam: Seagull-Bay Jedi 947
3rd Dam: EDG Jewlen Jerod 57822

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £507
873	40	31	66	
Rel%	Fat%	Prot%	£ACI rlb	ACI £635
69	0.05	0.02	66	

UK Type Merit	0.80	Excellent	
UK Udder Comp	1.19	Excellent	
UK Feet and Legs	0.60	Excellent	
Stature	-0.83	Short	
Chest Width	-0.12	Narrow	
Body Depth	-1.22	Shallow	
Angularity	-0.42	Coarse	
Rump Angle	0.63	Low Pins	
Rump Width	-1.71	Narrow	
Rear Leg Side	0.31	Sickle	
Foot Angle	-0.63	Low	
F.Udder Attach	1.22	Tight	
R. Udder Height	0.38	Very High	
Udder Support	-0.08	Weak	
Udder Depth	1.12	Shallow	
F.Teat Placement	0.31	Close	
Teat Length	0.10	Long	
R.Teat Placement	0.33	Close	
Teat Pos Side	0.47	Apart	
Temperament	0.24	Excellent	
Locomotion	0.52	Excellent	
Condition Score	0.58	High	

TYPE57%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	4.0	Improver	Lifespan	106	Improver
Calving Ease	0.4	Easier	Maintenance	11	Larger
Somatic Cell	-23	Improver	Calf Survival	1.6	Improver
Mastitis	-3	Improver	Digital Derma	0.3	Improver
Milking Speed	0.48	Faster	Milk Proteins	BB - A1A2	

BRITISH FRIESIAN

NEW | MAMMARY | FERTILITY | LIFESPAN | Ultraplus HighPurity

Bankhouse Braveheart

Penrod x Maverick x Hylke

HBN: BRFGBRM102214402439 AI Code: BF1253
Dam: Bankhouse Maverick Symrenske 2
G Dam: Bankhouse Hylke Symrenske 2
3rd Dam: Bankhouse Padbury Symrenske 3 GP82

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £317
-70	-2.2	-0.1	64	
Rel%	Fat%	Prot%	£ACI rlb	ACI £329
68	0.02	0.05	64	

UK Type Merit	1.73	Excellent	
UK Udder Comp	1.82	Excellent	
UK Feet and Legs	0.83	Excellent	
Stature	0.23	Tall	
Chest Width	0.36	Wide	
Body Depth	0.45	Deep	
Angularity	0.41	Open Rib	
Rump Angle	-0.41	High Pins	
Rump Width	0.13	Wide	
Rear Leg Side	-0.94	Straight	
Foot Angle	0.47	Steep	
F.Udder Attach	1.09	Tight	
R. Udder Height	2.00	Very High	
Udder Support	1.34	Strong	
Udder Depth	0.80	Shallow	
F.Teat Placement	1.13	Close	
Teat Length	0.53	Long	
R.Teat Placement	1.27	Close	
Teat Pos Side	0.73	Apart	
Temperament	0.99	Excellent	
Locomotion	0.67	Excellent	
Condition Score	0.67	High	

TYPE54%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	10.4	Improver	Lifespan	109	Improver
Calving Ease	1.2	Easier	Maintenance	-5	Compact
Somatic Cell	-5	Improver	Calf Survival	2.3	Improver
Mastitis	-2	Improver	Digital Derma	-0.2	Non Imp
Milking Speed	0.39	Faster	Milk Proteins	AA - A1A1	

Production and fitness data supplied by AHDB.

BRITISH FRIESIAN

MAINTENANCE | FERTILITY | CALVING EASE | LIFESPAN | Ultraplus HighPurity

Goonhilly Carlyon

Capitol x Adema 186 x Hylke

HBN: BRFGBRM3387868301545 AI Code: BF1250
Dam: Goonhilly Adema Sylvia 3 BFE91
G Dam: Goonhilly Hyl Sylvia BFE93(6)
3rd Dam: Goonhilly Sylvia

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £337
-84	-3	-0.7	64	
Rel%	Fat%	Prot%	£ACI rlb	ACI £334
68	0.01	0.04	64	

UK Type Merit	0.38	Excellent	
UK Udder Comp	0.52	Excellent	
UK Feet and Legs	0.14	Excellent	
Stature	-0.18	Short	
Chest Width	-0.51	Narrow	
Body Depth	-0.08	Shallow	
Angularity	0.30	Open Rib	
Rump Angle	0.10	Low Pins	
Rump Width	0.33	Wide	
Rear Leg Side	-0.62	Straight	
Foot Angle	0.33	Steep	
F.Udder Attach	-0.13	Loose	
R. Udder Height	0.42	Very High	
Udder Support	0.31	Strong	
Udder Depth	0.19	Shallow	
F.Teat Placement	0.25	Close	
Teat Length	-0.30	Short	
R.Teat Placement	0.56	Close	
Teat Pos Side	0.49	Apart	
Temperament	0.16	Excellent	
Locomotion	-0.21	Poor	
Condition Score	-0.71	Low	

TYPE54%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	12.8	Improver	Lifespan	76	Improver
Calving Ease	0.8	Easier	Maintenance	-13	Compact
Somatic Cell	-5	Improver	Calf Survival	2.1	Improver
Mastitis	-2	Improver	Digital Derma	-0.1	Non Imp
Milking Speed	-0.05	Slower	Milk Proteins	AA-A1A1	

JERSEY

NEW | LIFESPAN | COMPS | MAINTENANCE | ONLY AVAILABLE IN Ultraplus HighPurity

Tog Casselton 39774

Gislev x Cheddar x Altablitz

HBN: JER840M0032174834 59 AI Code: J2881
Dam: Tog Kilmaine 37985
G Dam: Tog Keira 35176
3rd Dam: Tog Flash R381 7702

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £420
-7	18.1	8.9	58	
Rel%	Fat%	Prot%	£ACI rlb	ACI £409
60	0.37	0.18	58	

UK Type Merit	0.00	Poor
UK Udder Comp	0.60	Excellent
UK Feet and Legs	-0.30	Poor
Stature	0.50	Tall
Chest Width	-0.50	Narrow
Body Depth	-0.30	Shallow
Angularity	1.60	Open Rib
Rump Angle	1.10	Low Pins
Rump Width	-0.10	Narrow
Rear Leg Side	0.10	Sickle
Foot Angle	-0.30	Low
F.Udder Attach	-0.30	Loose
R. Udder Height	1.50	Very High
Udder Support	-0.30	Weak
Udder Depth	0.10	Shallow
F.Teat Placement	-0.20	Apart
Teat Length	-1.20	Short
R.Teat Placement	N/A	
Teat Pos Side	N/A	
Temperament	N/A	
Locomotion	-0.20	Poor
Condition Score	N/A	

TYPE62%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	0.7	Improver	Lifespan	124	Improver
Calving Ease	N/A	---	Maintenance	-59	Compact
Somatic Cell	-4	Improver	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---
Milking Speed	N/A	---	Milk Proteins	BB - A2A2	

Production and fitness data supplied by AHDB.

BRITISH FRIESIAN

FERTILITY | LIFESPAN | CALVING EASE | MAINTENANCE | Ultraplus HighPurity

Bradash Contender

Caesar x Randolf x Tournament

DAM BRADASH APELDOORN 23 BFE95(5)

HBN: BRFGBRM162749501990 AI Code: BF1217
Dam: Bradash Apeldoorn 23 BFE95(5)
G Dam: Bradash Apeldoorn 18 EX92(4)
3rd Dam: Bradash Apeldoorn 14 BFV86

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £275
-75	-1.5	-0.9	65	
Rel%	Fat%	Prot%	£ACI rlb	ACI £264
68	0.03	0.03	65	

UK Type Merit	0.12	Excellent
UK Udder Comp	0.08	Excellent
UK Feet and Legs	0.30	Excellent
Stature	0.14	Tall
Chest Width	-0.72	Narrow
Body Depth	-0.62	Shallow
Angularity	-0.09	Coarse
Rump Angle	0.04	Low Pins
Rump Width	0.75	Wide
Rear Leg Side	-0.25	Straight
Foot Angle	-0.16	Low
F.Udder Attach	-0.02	Loose
R. Udder Height	-0.14	Low
Udder Support	-0.36	Weak
Udder Depth	0.47	Shallow
F.Teat Placement	-0.18	Apart
Teat Length	-0.03	Short
R.Teat Placement	-0.32	Apart
Teat Pos Side	0.29	Apart
Temperament	0.23	Excellent
Locomotion	0.41	Excellent
Condition Score	-0.55	Low

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	8.8	Improver	Lifespan	85	Improver
Calving Ease	0.4	Easier	Maintenance	-12	Compact
Somatic Cell	-2	Improver	Calf Survival	-0.1	Non Imp
Mastitis	-2	Improver	Digital Derma	-0.3	Non Imp
Milking Speed	-0.06	Slower	Milk Proteins	AA - A1A1	

HOLSTEIN FRIESIAN

LEGS & FEET | FERTILITY | SCC | LIFESPAN | Ultraplus HighPurity

SJK Helium

Topstone x Blowtorch x Delta

HBN: HOLNLDM000642467753 AI Code: HO6670
Dam: Future Dream H Primeval 1372 VG86
G Dam: A-L-H Helios VG86
3rd Dam: Cookiecutter Ssire Have VG86

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £507
881	40.1	32.9	64	
Rel%	Fat%	Prot%	£ACI rlb	ACI £642
67	0.05	0.05	64	

UK Type Merit	1.22	Excellent
UK Udder Comp	0.68	Excellent
UK Feet and Legs	1.28	Excellent
Stature	-0.33	Short
Chest Width	0.91	Wide
Body Depth	0.26	Deep
Angularity	0.36	Open Rib
Rump Angle	-0.11	High Pins
Rump Width	-0.13	Narrow
Rear Leg Side	0.16	Sickle
Foot Angle	0.44	Steep
F.Udder Attach	0.19	Tight
R. Udder Height	0.10	Very High
Udder Support	0.55	Strong
Udder Depth	-0.07	Deep
F.Teat Placement	0.30	Close
Teat Length	-0.41	Short
R.Teat Placement	0.11	Close
Teat Pos Side	0.90	Apart
Temperament	0.42	Excellent
Locomotion	1.54	Excellent
Condition Score	0.85	High

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	5.7	Improver	Lifespan	115	Improver
Calving Ease	-0.5	Harder	Maintenance	21	Larger
Somatic Cell	-29	Improver	Calf Survival	0.7	Improver
Mastitis	-3	Improver	Digital Derma	0.3	Improver
Milking Speed	0.06	Faster	Milk Proteins	BB - A2A2	

Production and fitness data supplied by AHDB.

BRITISH FRIESIAN

CALVING EASE | FERTILITY | LIFESPAN | MAINTENANCE | ONLY AVAILABLE IN Ultraplus HighPurity

Inch Jake RDC

Jingle x Jupiter x Pinnacle

HBN: BRFGBRM937223610806 AI Code: BF1234
Dam: Inch Jupiter Daphne Red 2 BFV87
G Dam: Inch Pinnacle Daphne 6 BFV85
3rd Dam: Inch Blackisle Daphne 2 EX92(5)

Haplotypes: TL TY TN TV TD TC RDC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £344
18	1.7	1.8	65	
Rel%	Fat%	Prot%	£ACI rlb	ACI £369
69	0.02	0.02	65	

UK Type Merit	0.75	Excellent
UK Udder Comp	0.82	Excellent
UK Feet and Legs	0.82	Excellent
Stature	0.29	Tall
Chest Width	-0.70	Narrow
Body Depth	0.76	Deep
Angularity	1.57	Open Rib
Rump Angle	0.23	Low Pins
Rump Width	0.74	Wide
Rear Leg Side	0.06	Sickle
Foot Angle	0.20	Steep
F.Udder Attach	0.13	Tight
R. Udder Height	1.42	Very High
Udder Support	0.40	Strong
Udder Depth	-0.14	Deep
F.Teat Placement	0.02	Close
Teat Length	0.29	Long
R.Teat Placement	-0.18	Apart
Teat Pos Side	1.10	Apart
Temperament	-0.16	Poor
Locomotion	0.68	Excellent
Condition Score	-1.63	Low

TYPE55%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	12.2	Improver	Lifespan	124	Improver
Calving Ease	0.6	Easier	Maintenance	-13	Compact
Somatic Cell	2	Non-Imp.	Calf Survival	3.2	Improver
Mastitis	0	Average	Digital Derma	-0.2	Non Imp
Milking Speed	0.17	Faster	Milk Proteins	AA - A1A1	

BRITISH FRIESIAN

FERTILITY | LIFESPAN | CALVING EASE | LOCOMOTION | Ultraplus HighPurity

Inch Jay

Jingle x Chad x Glenalbyn

HBN: BRFGBRM937005764731 AI Code: BF1232
Dam: Inch Chad Daphne 4 BFE91
G Dam: Inch Glen Daphne 7 EX91(4)
3rd Dam: Inch Sem Daphne 2 VG88

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £276
58	4.2	3.5	65	
Rel%	Fat%	Prot%	£ACI rlb	ACI £301
69	0.03	0.03	65	

UK Type Merit	1.16	Excellent
UK Udder Comp	1.16	Excellent
UK Feet and Legs	0.96	Excellent
Stature	1.41	Tall
Chest Width	0.14	Wide
Body Depth	1.15	Deep
Angularity	1.24	Open Rib
Rump Angle	0.62	Low Pins
Rump Width	0.83	Wide
Rear Leg Side	-0.02	Straight
Foot Angle	0.01	Steep
F.Udder Attach	0.57	Tight
R. Udder Height	1.14	Very High
Udder Support	1.03	Strong
Udder Depth	0.31	Shallow
F.Teat Placement	0.81	Close
Teat Length	-0.16	Short
R.Teat Placement	0.58	Close
Teat Pos Side	1.07	Apart
Temperament	0.53	Excellent
Locomotion	0.82	Excellent
Condition Score	-0.94	Low

TYPE56%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	6.6	Improver	Lifespan	82	Improver
Calving Ease	0.9	Easier	Maintenance	1	Larger
Somatic Cell	-1	Improver	Calf Survival	3.2	Improver
Mastitis	-1	Improver	Digital Derma	-0.2	Non Imp
Milking Speed	0.10	Faster	Milk Proteins	AA - A1A1	

BRITISH FRIESIAN

LEGS & FEET | COMPS | FERTILITY | LIFESPAN | Ultraplus HighPurity

Morcourt Judd

Jupiter x Pinnacle x Grietman

HBN: BRFGBRM321947405357 AI Code: BF1224
Dam: Morcourt Blackberry 105 BFE90
G Dam: Morcourt Blackberry 89 BFV85
3rd Dam: Morcourt Blackberry 67 BFG+81

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £296
-234	-2.6	-5.8	65	
Rel%	Fat%	Prot%	£ACI rlb	ACI £296
68	0.15	0.04	65	

UK Type Merit	1.26	Excellent
UK Udder Comp	1.22	Excellent
UK Feet and Legs	1.15	Excellent
Stature	0.45	Tall
Chest Width	-0.05	Narrow
Body Depth	0.78	Deep
Angularity	0.90	Open Rib
Rump Angle	0.65	Low Pins
Rump Width	0.40	Wide
Rear Leg Side	0.27	Sickle
Foot Angle	0.11	Steep
F.Udder Attach	0.86	Tight
R. Udder Height	1.43	Very High
Udder Support	1.00	Strong
Udder Depth	0.49	Shallow
F.Teat Placement	1.05	Close
Teat Length	-0.52	Short
R.Teat Placement	1.02	Close
Teat Pos Side	1.07	Apart
Temperament	0.02	Excellent
Locomotion	1.01	Excellent
Condition Score	-0.83	Low

TYPE57%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	13.3	Improver	Lifespan	115	Improver
Calving Ease	0.7	Easier	Maintenance	-7	Compact
Somatic Cell	-1	Improver	Calf Survival	2.8	Improver
Mastitis	-1	Improver	Digital Derma	-0.2	Non Imp
Milking Speed	0.25	Faster	Milk Proteins	AB - A1A1	

JERSEY

NEW | COMPS | FERTILITY | LIFESPAN | Ultraplus HighPurity

3Star OH Lars P

Hamulus x Hirts x Dillan-P

HBN: JERNLDM000578223252 AI Code: J2856
Dam: Danish Sonderfenner Hirts Gry P EX91
G Dam: Danish Golden GDK Dillan Georgine P VG87
3rd Dam: Golden GDK Going Spring VG87

Haplotypes: TL TY TN TV TD TC POC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £402
-312	9.3	1.8	55	
Rel%	Fat%	Prot%	£ACI rlb	ACI £377
57	0.48	0.26	55	

UK Type Merit	0.50	Excellent
UK Udder Comp	0.90	Excellent
UK Feet and Legs	0.00	Poor
Stature	1.00	Tall
Chest Width	0.40	Wide
Body Depth	-0.20	Shallow
Angularity	0.60	Open Rib
Rump Angle	0.70	Low Pins
Rump Width	0.30	Wide
Rear Leg Side	-0.20	Straight
Foot Angle	0.60	Steep
F.Udder Attach	1.30	Tight
R. Udder Height	0.70	Very High
Udder Support	-0.90	Weak
Udder Depth	1.60	Shallow
F.Teat Placement	0.00	Apart
Teat Length	0.40	Long
R.Teat Placement	N/A	
Teat Pos Side	N/A	
Temperament	N/A	
Locomotion	-0.30	Poor
Condition Score	N/A	

TYPE59%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	4.0	Improver	Lifespan	124	Improver
Calving Ease	N/A	---	Maintenance	-49	Compact
Somatic Cell	-3	Improver	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---
Milking Speed	N/A	---	Milk Proteins	BB - A2A2	

HOLSTEIN FRIESIAN

MILK | SCI/ACI | FERTILITY | MAMMARY | Ultraplus HighPurity

Cogent GC Lincoln

Captain x Dedicate x Modesty

HBN: HOLGBRM728173500161 AI Code: HO7071
Dam: STGen 85105
G Dam: Fairmont Modesty Lemon
3rd Dam: Oconnors Racer Lorena VG85

Haplotypes: TL TY TN TV TD TC

PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £592
884	45.3	31.1	63	
Rel%	Fat%	Prot%	£ACI rlb	ACI £725
67	0.13	0.02	63	

UK Type Merit	-0.02	Poor
UK Udder Comp	0.92	Excellent
UK Feet and Legs	-0.23	Poor
Stature	-1.20	Short
Chest Width	-0.55	Narrow
Body Depth	-1.90	Shallow
Angularity	-1.16	Coarse
Rump Angle	-0.59	High Pins
Rump Width	-0.17	Narrow
Rear Leg Side	0.73	Sickle
Foot Angle	-1.17	Low
F.Udder Attach	1.40	Tight
R. Udder Height	0.11	Very High
Udder Support	-0.08	Weak
Udder Depth	1.03	Shallow
F.Teat Placement	-0.13	Apart
Teat Length	-0.28	Short
R.Teat Placement	0.07	Close
Teat Pos Side	-0.41	Close
Temperament	-0.15	Poor
Locomotion	0.31	Excellent
Condition Score	0.77	High

TYPE53%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	7.4	Improver	Lifespan	94	Improver
Calving Ease	0.5	Easier	Maintenance	6	Larger
Somatic Cell	-19	Improver	Calf Survival	3.8	Improver
Mastitis	-2	Improver	Digital Derma	0.7	Improver
Milking Speed	1.09	Faster	Milk Proteins	AB - A2A2	

Production and fitness data supplied by AHDB.

Production and fitness data supplied by AHDB.

JERSEY

NEW | COMPS | MAINTENANCE | LIFESPAN | Ultraplus HighPurity

3Star OH Niels PP

Waskiv PP x Hirts x Dillan-P

HBN: JERNLDM000544593385 AI Code: J2857
Dam: Danish Sonderfenner Hirts Gry P EX91
G Dam: Danish Golden GDK Dillan Georgine P VG87
3rd Dam: Golden GDK Going Spring VG87

Haplotypes: TL TY TN TV TD TC POS

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £390
-319	11.5	1.2	55	
Rel%	Fat%	Prot%	£ACI rlb	ACI £356
57	0.53	0.26	55	

UK Type Merit	0.70	Excellent
UK Udder Comp	1.00	Excellent
UK Feet and Legs	0.30	Excellent
Stature	1.00	Tall
Chest Width	-1.00	Narrow
Body Depth	-1.50	Shallow
Angularity	0.20	Open Rib
Rump Angle	1.60	Low Pins
Rump Width	0.10	Wide
Rear Leg Side	-0.70	Straight
Foot Angle	0.30	Steep
F.Udder Attach	0.90	Tight
R. Udder Height	1.00	Very High
Udder Support	-0.90	Weak
Udder Depth	2.10	Shallow
F.Teat Placement	-0.70	Apart
Teat Length	1.20	Long
R.Teat Placement	N/A	
Teat Pos Side	N/A	
Temperament	N/A	
Locomotion	-0.10	Poor
Condition Score	N/A	

TYPE59%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	1.9	Improver	Lifespan	112	Improver
Calving Ease	N/A	---	Maintenance	-54	Compact
Somatic Cell	2	Non-Imp.	Calf Survival	N/A	---
Mastitis	N/A	---	Digital Derma	N/A	---
Milking Speed	N/A	---	Milk Proteins	BB - A2A2	

Production and fitness data supplied by AHDB.

HOLSTEIN FRIESIAN

MILK | COMPS | SCC | MAMMARY | ONLY AVAILABLE IN Ultra plus

ST Gen Helix Paco

Helix x Rubicon x Bob

DAM WELCOME-TEL RUBICON PIPA EX94

HBN: HOL840M003132352801 AI Code: H05815
Dam: Welcome-Tel Rubicon Pipa EX94
G Dam: Welcome-Tel Bob Patia GP82
3rd Dam: Welcome Bowser Palmer EX90

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 3450 HERDS 129 | December 2022 | SOURCE ITB

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £337
665	35.4	25.9	78	
Rel%	Fat%	Prot%	£ACI rlb	ACI £426
83	0.13	0.06	78	

UK Type Merit	0.84	Excellent
UK Udder Comp	1.20	Excellent
UK Feet and Legs	0.47	Excellent
Stature	-0.22	Short
Chest Width	-0.74	Narrow
Body Depth	-1.10	Shallow
Angularity	0.22	Open Rib
Rump Angle	-1.63	High Pins
Rump Width	-0.33	Narrow
Rear Leg Side	1.00	Sickle
Foot Angle	-0.33	Low
F.Udder Attach	0.45	Tight
R. Udder Height	0.72	Very High
Udder Support	1.18	Strong
Udder Depth	0.44	Shallow
F.Teat Placement	1.63	Close
Teat Length	-0.12	Short
R.Teat Placement	1.90	Close
Teat Pos Side	0.72	Apart
Temperament	0.16	Excellent
Locomotion	0.72	Excellent
Condition Score	0.20	High

TYPE75%R | TYPE DTRS 234 HERDS 42 | December 2022 | SOURCE ITB

Fertility Index	-3.3	Non-Imp.	Lifespan	-27	Non-Imp.
Calving Ease	-0.6	Harder	Maintenance	12	Larger
Somatic Cell	-15	Improver	Calf Survival	3.9	Improver
Mastitis	1	Non Imp	Digital Derma	0.2	Improver
Milking Speed	-0.15	Slower	Milk Proteins	BB - A1A2	

HOLSTEIN FRIESIAN

SCI | MILK | COMPS | SCC | Ultraplus HighPurity

Boghill Glamour Santos

Sassafras x Dancer x Silver

5TH DAM LARCREST COMET VG87

HBN: HOLGBRM949027113501 AI Code: H06080
Dam: Glamour Boghill Dancer Carlin
G Dam: Boghill Glamour Silver Carlin A GP81
3rd Dam: Glamour Carlin EX92(2)

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £451
727	43.9	25.8	66	
Rel%	Fat%	Prot%	£ACI rlb	ACI £559
69	0.23	0.02	66	

UK Type Merit	1.73	Excellent
UK Udder Comp	1.80	Excellent
UK Feet and Legs	1.57	Excellent
Stature	-0.55	Short
Chest Width	0.27	Wide
Body Depth	-0.38	Shallow
Angularity	-0.17	Coarse
Rump Angle	0.92	Low Pins
Rump Width	-0.58	Narrow
Rear Leg Side	0.60	Sickle
Foot Angle	-0.33	Low
F.Udder Attach	1.28	Tight
R. Udder Height	1.50	Very High
Udder Support	1.06	Strong
Udder Depth	1.05	Shallow
F.Teat Placement	1.68	Close
Teat Length	0.29	Long
R.Teat Placement	1.27	Close
Teat Pos Side	0.51	Apart
Temperament	0.04	Excellent
Locomotion	1.83	Excellent
Condition Score	1.05	High

TYPE58%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	2.3	Improver	Lifespan	85	Improver
Calving Ease	0.0	Average	Maintenance	16	Larger
Somatic Cell	-19	Improver	Calf Survival	0.9	Improver
Mastitis	-1	Improver	Digital Derma	0.5	Improver
Milking Speed	-0.25	Slower	Milk Proteins	EE - A1A1	

Production and fitness data supplied by AHDB.

HOLSTEIN FRIESIAN

SCC | COMPS | MAMMARY | FERTILITY | Ultraplus HighPurity

Cogent Zinger

Rapid x Agronaut x Delta

HBN: HOLGBRM103122603648 AI Code: HO6684
Dam: Islandpride Riverdane Agronaut Zoe 2 GP83
G Dam: Islandpride Riverdane Delta Zoe GP84
3rd Dam: EDG Magnus CHV 55647

Haplotypes: TL TY TN TV TD TC

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £452
724	40.4	27.3	65	
Rel%	Fat%	Prot%	£ACI rlb	ACI £560
68	0.17	0.05	65	

UK Type Merit	1.69	Excellent
UK Udder Comp	2.19	Excellent
UK Feet and Legs	0.76	Excellent
Stature	-0.15	Short
Chest Width	0.72	Wide
Body Depth	-0.27	Shallow
Angularity	-0.08	Coarse
Rump Angle	0.03	Low Pins
Rump Width	-0.19	Narrow
Rear Leg Side	-0.37	Straight
Foot Angle	0.43	Steep
F.Udder Attach	2.07	Tight
R. Udder Height	1.37	Very High
Udder Support	1.79	Strong
Udder Depth	2.09	Shallow
F.Teat Placement	1.72	Close
Teat Length	-1.32	Short
R.Teat Placement	1.92	Close
Teat Pos Side	0.93	Apart
Temperament	0.22	Excellent
Locomotion	0.76	Excellent
Condition Score	0.88	High

TYPE57%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	6.7	Improver	Lifespan	76	Improver
Calving Ease	0.1	Easier	Maintenance	22	Larger
Somatic Cell	-11	Improver	Calf Survival	0.5	Improver
Mastitis	-1	Improver	Digital Derma	0.3	Improver
Milking Speed	0.94	Faster	Milk Proteins	AB - A2A2	

HOLSTEIN FRIESIAN

SCI | LOCOMOTION | COMPS | FERTILITY | Ultraplus HighPurity

Cogent Zulu

Batman x Agronaut x Delta

HBN: HOLGBRM103122603592 AI Code: HO6516
Dam: Islandpride Riverdane Agronaut Zoe 2 GP83
G Dam: Islandpride Riverdane Delta Zoe GP84
3rd Dam: EDG Magnus CHV 55647

Haplotypes: TL TY TN TV TD TC HH5C

AHDB PRODUCTION DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Milk Kgs	Fat Kgs	Prot Kgs	£SCI rlb	SCI £542
450	37.6	28.3	65	
Rel%	Fat%	Prot%	£ACI rlb	ACI £611
68	0.34	0.24	65	

UK Type Merit	0.85	Excellent
UK Udder Comp	0.63	Excellent
UK Feet and Legs	1.03	Excellent
Stature	-1.05	Short
Chest Width	1.07	Wide
Body Depth	0.20	Deep
Angularity	-0.49	Coarse
Rump Angle	-0.37	High Pins
Rump Width	-1.37	Narrow
Rear Leg Side	-0.26	Straight
Foot Angle	0.97	Steep
F.Udder Attach	0.78	Tight
R. Udder Height	-0.38	Low
Udder Support	0.36	Strong
Udder Depth	0.55	Shallow
F.Teat Placement	0.54	Close
Teat Length	0.28	Long
R.Teat Placement	0.13	Close
Teat Pos Side	-0.07	Close
Temperament	0.69	Excellent
Locomotion	1.04	Excellent
Condition Score	1.60	High

TYPE57%R | TYPE DTRS 0 HERDS 0 | December 2022 | SOURCE GBR

Fertility Index	6.1	Improver	Lifespan	48	Improver
Calving Ease	0.2	Easier	Maintenance	17	Larger
Somatic Cell	-18	Improver	Calf Survival	-1.8	Non Imp
Mastitis	-1	Improver	Digital Derma	-0.2	Non Imp
Milking Speed	1.28	Faster	Milk Proteins	AB - A2A2	

BEEF IMPACT FOR GRAZING HERDS

These four beef sires have been specifically chosen to benefit grazing dairy herds. They have been selected for traits desirable to a grazing system which include low Birth Weight, exceptional Calving Ease and a shorter Gestation Length.
These Ease of Management Traits have been selected to allow days-in-milk to be optimised and hidden costs which may occur at calving to be minimised. The chosen sires also hold tremendous Calf Quality with the aim of creating a more valuable calf.

BLACKHAUGH LUCAS

CBI £104.80 | EMI £91.70 | MVI £13.00

GESTATION LENGTH (D)	Longer	285	276	Shorter
CALVING DIFFICULTY (%)	Harder	5	1.3	Easier
CALF VIGOUR (UNITS)	- Vigorous	1	1.40	+ Vigorous
CALF QUALITY (%)	Poorer	80	79.4	Excellent
BIRTH WEIGHT (KG)	Lighter	0	-2.20	Heavier

BLACKHAUGH LORD HIGHDEAL

CBI £85.00 | EMI £77.60 | MVI £7.40

GESTATION LENGTH (D)	Longer	285	278	Shorter
CALVING DIFFICULTY (%)	Harder	5	1.5	Easier
CALF VIGOUR (UNITS)	- Vigorous	1	1.30	+ Vigorous
CALF QUALITY (%)	Poorer	80	83.7	Excellent
BIRTH WEIGHT (KG)	Lighter	0	-1.50	Heavier

Data based on Holstein cows

KERSEY NIMBUS

CBI	EMI	MVI
£81.50	£60.00	£21.50

GESTATION LENGTH (D)	Longer	285	281	Shorter
CALVING DIFFICULTY (%)	Harder	5	1.1	Easier
CALF VIGOUR (UNITS)	- Vigorous	1	1.50	+ Vigorous
CALF QUALITY (%)	Poorer	80	90.6	Excellent
BIRTH WEIGHT (KG)	Lighter	0	-0.70	Heavier
BLUE ROAN (%)	0%	50%	92	100%

KERSEY ORION

CBI	EMI	MVI
£91.50	£69.20	£22.30

GESTATION LENGTH (D)	Longer	285	279	Shorter
CALVING DIFFICULTY (%)	Harder	5	1.8	Easier
CALF VIGOUR (UNITS)	- Vigorous	1	1.40	+ Vigorous
CALF QUALITY (%)	Poorer	80	87.3	Excellent
BIRTH WEIGHT (KG)	Lighter	0	-4.60	Heavier
BLUE ROAN (%)	0%	50%	82	100%