

Autumn 2020

BLOCK CALVING GENETICS



Welcome to the

GENUS ABS BLOCK CALVING

GENETICS DIRECTORY

Autumn 2020

£ACI	
SIRE NAME	£
GANDER	707
GENERATE	700
RAPTOR	697
ATRIUM	651
PRINCE	585
STARDUST	531
COMMEND	530
ZUMMIT	476
HAMLET	438
SEB	428

DAUGHTER FERTILITY	
SIRE NAME	INDEX
ELIJAH	16.3
NORSEMAN	13.0
DUNGANNON	12.1
ANDY	11.7
MALVERN	10.3
SEB	10.2
BRYSTER	9.6
ZUMMIT	8.3
HAMLET	7.7
ROEN	7.5

€EBI	
SIRE NAME	€
PRINCE	305
TOM	273
RAPTOR	263
ANDY	236
SEACHT	218
ROEN	205
ATRIUM	195
GANDER	186
GENERATE	186
SCOOPY	179

BUTTERFAT %	
SIRE NAME	%
HAMLET	0.59
ZUMMIT	0.52
ROCKWELL	0.40
DALTON-P	0.34
SEB	0.31
ANDY	0.26
COMMEND	0.24
PRINCE	0.23
GENERATE	0.22
RAPTOR	0.18

£SCI	
SIRE NAME	£
GANDER	499
RAPTOR	499
GENERATE	492
ATRIUM	451
ZUMMIT	411
SEB	403
COMMEND	390
ELIJAH	386
PRINCE	382
HAMLET	379

PROTEIN %	
SIRE NAME	%
HAMLET	0.32
ZUMMIT	0.23
COMMEND	0.21
SEB	0.20
SCOOPY	0.16
DALTON-P	0.15
GENERATE	0.15
ROCKWELL	0.14
ANDY	0.13

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	PRINCE	10		ROEN	18
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	ATRIUM	13		ZUMMIT	20



ICON SIRES
Sires in our Icon Sire programme offer the very best genetics from our breeding programme. To get early access to these genetics, you will be required to sign an Icon Sires option agreement, which will also give you the potential opportunity to receive a good price for the progeny of Icon Sires that come back in the ABS breeding programme. Please take a look at www.absglobal.com/icon-sires for more information.

Genus ABS abide by the AHDB Dairy and Holstein UK established Code of Advertising.

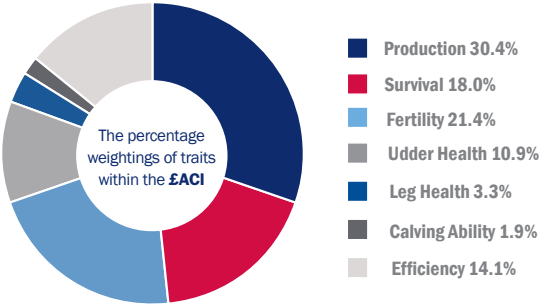
Selecting the right index for you...

The Autumn Calving Index (£ACI) and the Spring Calving Index (£SCI) are both across-breed genetic indexes developed in consultation with industry partners specifically for spring and autumn block calving herds and expressed as a financial value. All figures are on an all-breeds base, so that you can make easy dairy breed selections, with no need to convert figures to help you make the best decisions for your grassland herd.

£ACI

The Autumn Calving Index is an index developed specifically for UK autumn block calving dairy farmers. The index is expressed as a financial value and is presented on an all breeds base. The ACI:

- Promotes milk quality with more weight on volume than £SCI
- Places strong emphasis on fertility
- Selects for reduced maintenance cost
- Improves udder and leg health
- Places strong emphasis on longevity
- Promotes easier calving
- Protects functional type – feet & legs and udders



The £ACI value represents the additional profit each sire is expected to return from each of its milking daughters over her lifetime.

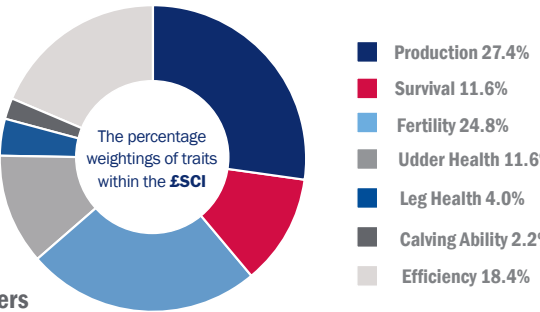
Using £ACI to select the best bulls will breed profitable cows for an Autumn calving UK herd.

£SCI

The Spring Calving Index is an index developed specifically for UK spring block calving dairy farmers. The index is expressed as a financial value and is presented on an all breeds base.

The £SCI:

- Promotes milk quality rather than volume
- Places strong emphasis on fertility
- Selects for reduced maintenance cost
- Improves udder and leg health
- Places strong emphasis on longevity
- Promotes easier calving
- Protects functional type – feet & legs and udders



The £SCI value represents the additional profit each sire is expected to return from each of its milking daughters over her lifetime.

Using £SCI to select the best bulls will breed profitable cows for an Autumn calving UK herd.

Delivering...
Profit From Genetic Progress



Success with Sexcel® and Beef InFocus™...

“We have only used the RMS service for 12 months the results have been exceptional. We received conception rates of 81% across Sexcel & Beef”

Evolution Farming, owned in partnership by Tom Rawson and Charlie Crotty, comprises six block calving herds, three Spring and three autumn located in Yorkshire, Lincolnshire, Leicestershire, Norfolk and two farms based in Cheshire. The farms operate on both conventional & organic systems. There are 2,500 milking cows across the six farms and 40 members of staff employed. A Sexcel® and beef strategy is implemented across all six farms alongside RMS where Genus ABS Sexcel® semen is used across Irish Holstein, Friesian, Jersey and Norwegian Red breeds.

Introducing RMS...

“We have only used the RMS service for 12 months but the results have been exceptional. We received conception rates of **81%** across Sexcel & Beef at our Autumn Block unit in Cheshire. In one of our farms we can see that **78%** will calve in the first **6** weeks. At one of our other farms, out of the **300** Sexcel pregnancies, **247** are due to calve in the first **21** days and **297** will be due in the first **6** weeks.

Sexcel® has really helped to improve the tightness of our block calving system. We use the RMS Technicians to allow our staff to focus on other aspects of the business that need close attention during the busiest periods. Our RMS Technician Kevin Barton is an exceptional operator and he takes care of the fertility of the herd.”

Why Sexcel® & Beef InFocus™?

“Our main aim is to be profitable, which in turn enables us to develop a sustainable business we can invest in for the future to allow us to continue to expand. The Sexcel® and Beef strategy has been a component that has helped us to achieve this so we will continue to implement this strategy as part of our wider plan to get where we want to be.”

Sexcel allows us to avoid unwanted dairy bull calves, have control over the number of heifer replacements we will get, but more importantly



Left to right: Alan (Herd Manager), Tom Rawson (owner of Evolution Farms), Richard Lucas (Breeding Advisor).

by getting a heifer calf from our best cows we are breeding more profitable cows. We have expanded from 120 cows and four employees to 2,500 cows and 40 employees in just four years. The environment we operate in is changing fast and we need to react. We plan to keep expanding with surplus heifers and Sexcel® is supporting that.

Sire Selection...

I keep out of the genetics and let my Genus ABS breeding advisor Richard Lucas work with each herd manager regarding sire selection. It works fantastically to have that one point of contact.

The highest €EBI sires with excellent Fertility, good Fat and Protein as well as Calving Ease are the main focus of the herd. These are the genetics that will allow us to be more profitable. Our beef calves must calve easily yet have great calf quality; Wagyu, British Blue, Hereford & Longhorn are used with great success.

Sexcel® & Beef InFocus™ is the future...

The way I see it, Genetics & RMS sit in the labour bill, I leave Genus ABS to take care of the fertility of our herds and provide the Genetics to allow us to make profit, it's a great working relationship.

For us, we need to keep growing to keep good people, so it is a no brainer we will continue to use Sexcel® and Beef InFocus™ alongside the RMS service to allow us to do so.

PEATREE BRYSTER

CHAD X BFE91 HYKLE X BFV85 CHATSWORTH



PEATREE BRYSTER

£ACI/SCI PRODUCTION AUGUST 2020

Milk kg	+0	69% Rel.
Fat	+1.1	+0.02%
Protein	+4.7	+0.09%
Dtrs/Herds	0/0	

AI CODE: BF1149

HH1T HH2T HH3T HH4T HH5T HH6T
TC TD TL TN TR TV TY

HBN: 20161594700998

NAAB: 29H017384

£418
ACI

£370
SCI

£ACI/SCI HEALTH & FERTILITY AUGUST 2020

	Below Average	Above Average	
Fertility Index			9.6
Lifespan (days)			128
SCC			4
Maintenance (kgs)			-2
DCE			1.7

INCH DUNGANNON RDC

JUPITER X BFE90 PINNACLE X EX92(5) GLENALBYN



INCH DUNGANNON

£ACI/SCI PRODUCTION AUGUST 2020

Milk kg	-147	69% Rel.
Fat	-1.2	+0.10%
Protein	-1.9	+0.06%
Dtrs/Herds	0/0	

AI CODE: BF1186

HH1T HH2T HH3T HH4T HH5T HH6T
RC TC TD TL TN TS TV TY

HBN: 20937005760774

NAAB: 29H017472

£371
ACI

£355
SCI

£ACI/SCI HEALTH & FERTILITY AUGUST 2020

	Below Average	Above Average	
Fertility Index			12.1
Lifespan (days)			98
SCC			-1
Maintenance (kgs)			-8
DCE			1.2

GOONHILLY **ELIJAH** RDC

EVOLUTION X BFE93 TIPTOP X BFE90 BONUS



GOONHILLY ELIJAH

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	-208	69% Rel.
Fat	-3.6	+0.11%
Protein	-5.8	+0.03%
Dtrs/Herds	0/0	

AI CODE: BF1179

HH1T HH2T HH3T HH4T HH5T HH6T
RC TC TD TL TN TS TV TY

HBN: 20387868601065

NAAB: 29H017457

£384
ACI

£386
SCI

£ACI/SCI HEALTH & FERTILITY
AUGUST 2020

	Below Average	Above Average
Fertility Index		16.3
Lifespan (days)		101
SCC		-3
Maintenance (kgs)		-13
DCE		1.6

GEMINI **NORSEMAN**

GARVE X BFE91 QUENTIN X BFE95 GLENALBYN



DAUGHTER: LISMULLIGAN RENEE 114, FIRST LACTATION

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	-10	89% Rel.
Fat	-1.2	-0.02%
Protein	-1.5	-0.02%
Dtrs/Herds	44/13	

AI CODE: BF1105

HH1T HH2T HH3T HH4T HH5T HH6T
TC TD TL TN TS TV TY

HBN: 20221384201034

NAAB: 29H017309

£345
ACI

£334
SCI

£ACI/SCI HEALTH & FERTILITY
AUGUST 2020

	Below Average	Above Average
Fertility Index		13
Lifespan (days)		113
SCC		-14
Maintenance (kgs)		-7
DCE		0

KIRKBY **MALVERN**

BENLOYAL X EX91 FRONTIER X BFE96 PANATELLA



DAUGHTER: BEAUFORT MALVERN JEAN, FIRST LACTATION

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+85	90% Rel.
Fat	+4.1	+0.01%
Protein	+3.1	+0.00%
Dtrs/Herds	48/21	

AI CODE: BF1104

HH1T HH2T HH3T HH4T HH5T HH6T
TC TD TL TN TS TV TY

HBN: 20200910101728

NAAB: 29H017319

£396
ACI

£359
SCI

£ACI/SCI HEALTH & FERTILITY
AUGUST 2020

	Below Average	Above Average
Fertility Index		10.3
Lifespan (days)		89
SCC		-4
Maintenance (kgs)		-2
DCE		-0.2

GOONHILLY **SEB** RDC

CHAD X BFV86 ADEMA 186 X BFE93 HYLKE



GOONHILLY SEB

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	-275	69% Rel.
Fat	+3.3	+0.31%
Protein	+0.2	+0.20%
Dtrs/Herds	0/0	

AI CODE: BF1203

HH1T HH2T HH3T HH4T HH5T HH6T
RC TC TD TL TN TS TV TY

HBN: 20387868501190

NAAB: 29H020052

£428
ACI

£403
SCI

£ACI/SCI HEALTH & FERTILITY
AUGUST 2020

	Below Average	Above Average
Fertility Index		10.2
Lifespan (days)		110
SCC		1
Maintenance (kgs)		-3
DCE		1.1

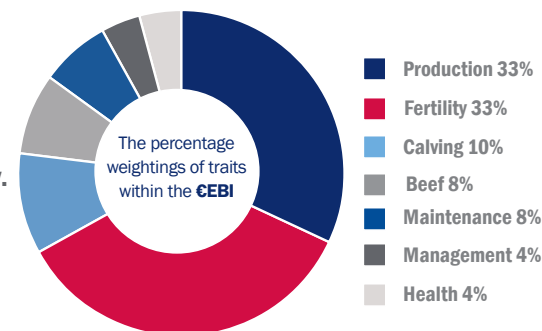
Selecting the right index for you...

€EBI

EBI is a single figure profit index aimed at helping farmers to identify the most profitable bulls and cows for breeding dairy herd replacements. It comprises of information on seven sub-indexes related to profitable milk production. A summary of the sub-indexes, including traits and relative weightings for traits in the EBI are given in Table 1. The economic values in the index are based on data collected from Irish Dairy Farms and the Dairy Industry.

€EBI:

- Focusing on high components compared to milk yield.
- Promotes fertile cows to reduce calving interval.
- Selects for calving ease, gestation length and calf mortality.
- Carcass size, weight and conformation.
- Looks at the overall size of the cow.
- Concentrating on milking speed and temperament.
- Looking at lameness, cell counts and mastitis.



Fertility Sub Index

Takes into account calving interval and survival.

Calving Sub Index

Takes into account calving ease, gestation length and calf mortality.

Beef Sub Index

Looks at carcass size, weight and conformation.

IRISH EBI SUMMARY AUGUST 2020				
	Below Average	Above Average	Euro	Rel. %
EBI			305	62
Milk			128	83
Fertility			118	61
Calving			53	44
Beef			-3	34
Health			18	61
Maintenance			-13	32

Milk Sub Index

Looks for heavy weighting of Protein and Fat compared to milk yield, aligning itself to component contracts.

Health

Looks at lameness, SCC and mastitis.

Maintenance

Takes into account the size of the cow.

Using €EBI helps UK farmers to identify the best bulls to breed dairy herd replacements for grazing systems.

Delivering...
Profit From Genetic Progress



MEADHILL ANDY

BLACK LIGHTNING X DANO X ROYALIST



GENOMIC

MEADHILL ANDY

€ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			11.7
Lifespan (days)			36
SCC			2
Maintenance (kgs)			18
DCE			0.5

€ACI/SCI PRODUCTION AUGUST 2020			
Milk kg	-156	68% Rel.	
Fat	+6.1	+0.26%	
Protein	+1.2	+0.13%	
Dtrs/Herds	0/0		

€236
EBI

£231
ACI

£216
SCI

AI CODE: H05166

HH1T HH2T HH3T HH4T HH5T HH6T

TC TD TL TN TR TV TY

HBN: HOIRL214620841263

HO (90.63%), FR (9.38%)

NAAB: 29H017420

IRISH EBI SUMMARY JULY 2020				
	Below Average	Above Average	Euro	Rel. %
EBI			236	68
Milk			21	89
Fertility			163	65
Calving			52	57
Beef			-12	46
Health			4	64
Maintenance			6	44

IRISH EBI PRODUCTION & FERTILITY JULY 2020			
Milk kg	-94	89% Rel.	
Fat kg	+5	+0.15%	
Protein kg	+0	+0.07%	
Calving Int (days)	-9.50	67% Rel.	
Udder (SCC)	-0.03	74% Rel.	
Gestation Length (days)	-4.44	61% Rel.	

CURRA LIGHTNING

DOUGIE X JORDANAIRE X HUGO



GENOMIC

CURRA LIGHTNING

€ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			6.1
Lifespan (days)			15
SCC			12
Maintenance (kgs)			-5
DCE			1.8

€ACI/SCI PRODUCTION AUGUST 2020			
Milk kg	-24	67% Rel.	
Fat	+8.0	+0.18%	
Protein	+3.9	+0.09%	
Dtrs/Herds	8/2		

€171
EBI

£242
ACI

£217
SCI

AI CODE: H04662

HH1T HH2T HH3C HH4T HH5T HH6T

TC TD TL TN TR TV TY

HBN: HOIRL351066152053

HO (68.75%), FR (31.25%)

NAAB: 29H017375

IRISH EBI SUMMARY JULY 2020				
	Below Average	Above Average	Euro	Rel. %
EBI			171	76
Milk			33	90
Fertility			112	69
Calving			40	90
Beef			-27	61
Health			0	69
Maintenance			11	51

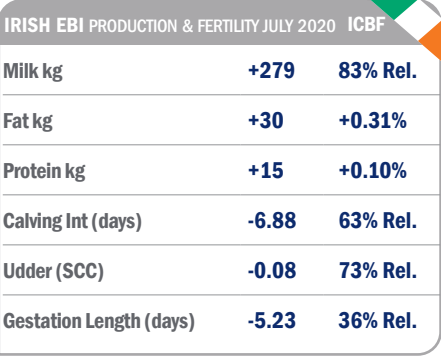
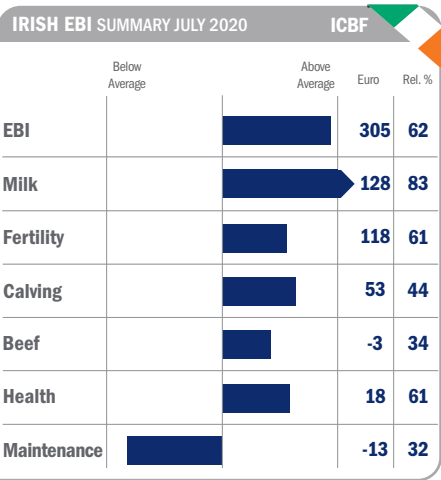
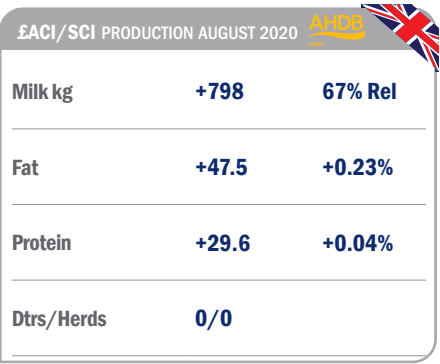
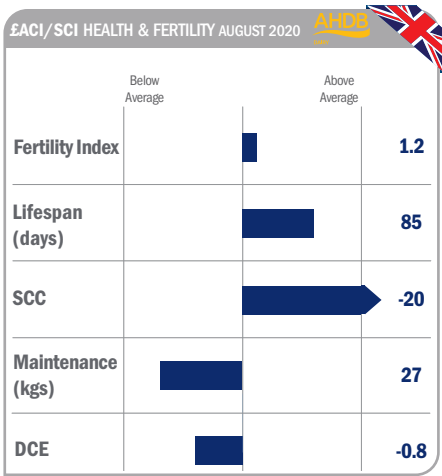
IRISH EBI PRODUCTION & FERTILITY JULY 2020			
Milk kg	+31	90% Rel.	
Fat kg	+6	+0.12%	
Protein kg	+3	+0.07%	
Calving Int (days)	-7.40	71% Rel.	
Udder (SCC)	+0.05	77% Rel.	
Gestation Length (days)	-3.66	99% Rel.	

DENOVO 2800 PRINCE

YODA X YODER X EMBASSY



DAM: ABS 7484 ANNA



AI CODE: H05887

HH1T HH2T HH3T HH4T HH5C HH6T

TC TD TL TN TR TS TV TY

HBN: 65003143060701

HO (100%)

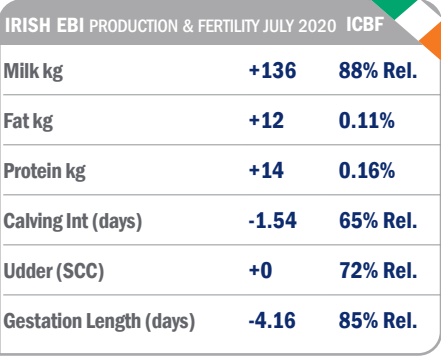
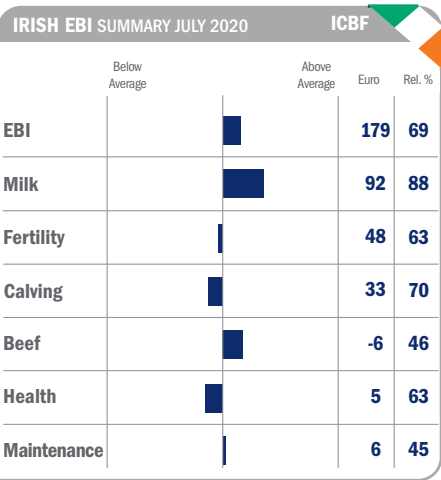
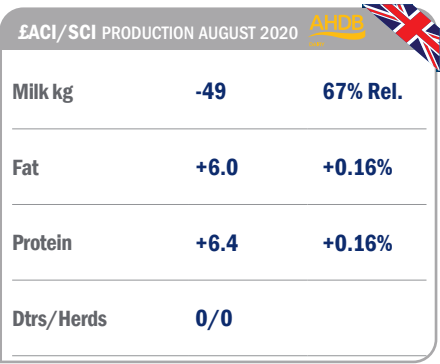
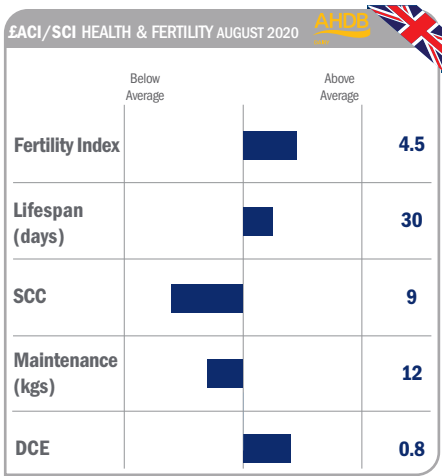
NAAB: 29H019010

CURRA SCOOPY

ART X BOWSER X SUNNYBANK OMAN



CURRA SCOOPY



AI CODE: H05658

HH1T HH2T HH3T HH4T HH5T HH6T

TC TD TL TN TS TV TY

HBN: HOIRL222458242344

HO (75%), FR (25%)

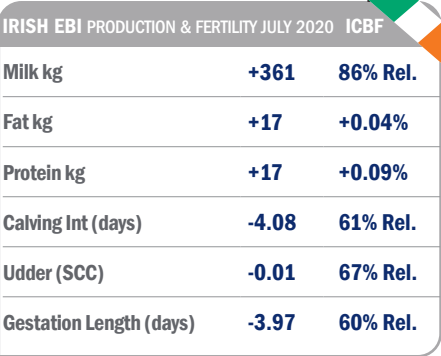
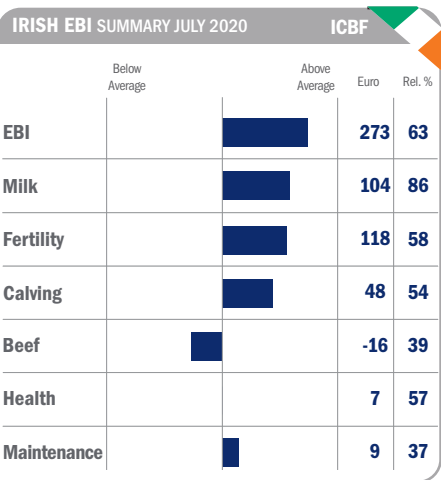
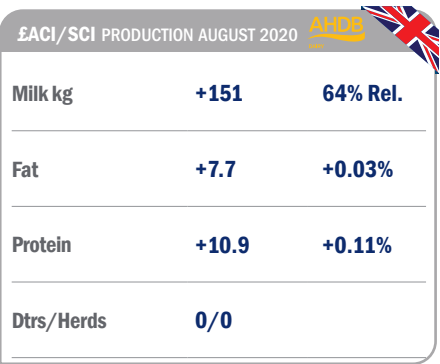
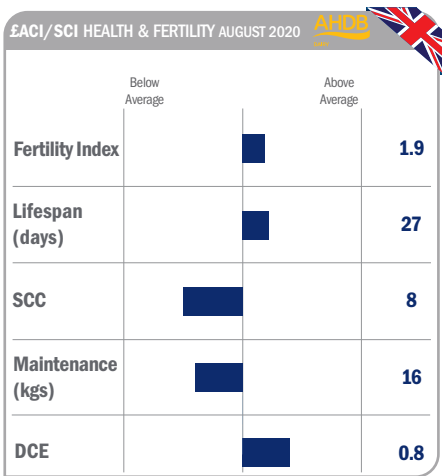
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CHERRYHILL TOM

ALBERT X WDS RAMOS X LANCE



CHERRYHILL TOM



AI CODE: 29H020040

HH1T, HH2T, HH3T, HH4T, HH5T, HH6T,

TC, TD, TL, TN, TS, TV, TY

HBN: HO IRL 218169152155

HO (7TH%), FR (25%)

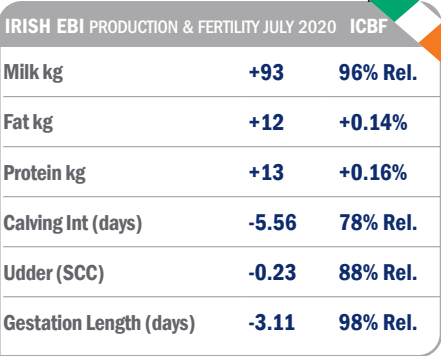
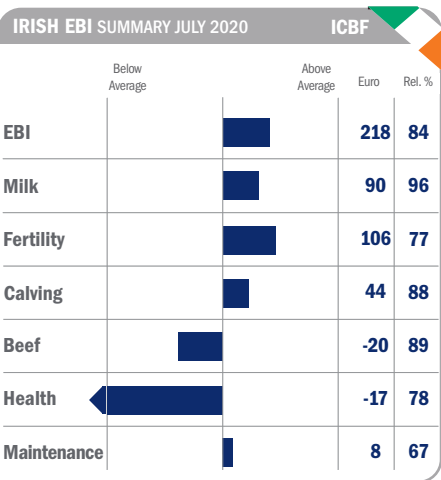
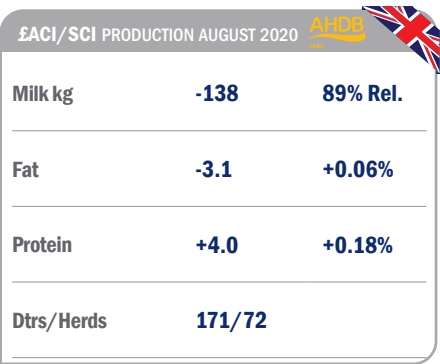
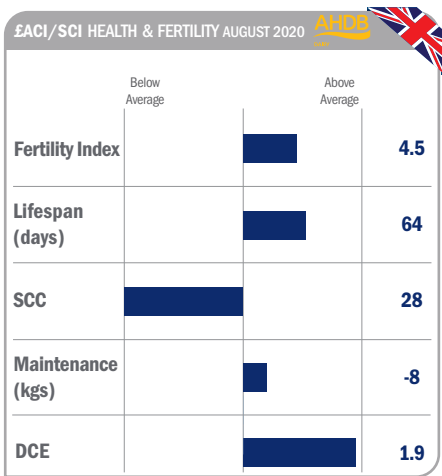
NAAB: 29H020040

CHERRYHILL SEACHT

REEKS X FAIRGALT 2 X DGM



DAM: CHERRYHIL NFT ZENA 1341



AI CODE: H04244

HH1T HH2T HH3T HH4T HH5T HH6T

TC TD TL TN TV TY

HBN: HOIRL221372361557

HO (68.75%), FR (31.25%)

NAAB: 29H017324

Success with Sexcel® and Beef InFocus™...

“Sexcel® and RMS has resulted in achieving conception rates as high as 65% in his 290 pedigree holstein autumn block calving herd.”



**Mr Watkins, Henllys Farm, Aberystwyth.
Breeding Advisor, Morlais Davies**

“Sexcel® and Beef InFocus alongside RMS means my herd is making genetic progress and the fertility of the herd is taken care of at the same time.”

Gerald Watkins from Henllys Farm, Aberystwyth explains how three years of using Sexcel and RMS has resulted in achieving **conception rates as high as 65%** in his 290 pedigree holstein autumn block calving herd.

“I am very happy with the fertility of Sexcel®, in fact the conception rates of Sexcel® have been better than

conventional, across heifers and cows. Cows get in calf quickly which is vital in maintaining the block calving pattern and using less semen means I am saving money. I also gain as the beef calf crop provides me with an outlet and the beef sires used have provided me with calves that are easily born but still have great calf quality. The relationship I have with my RMS technician is vital and I trust him to look assist in looking after the fertility of the herd. We are a pedigree herd and selecting the right genetics is very important to me, so it's fantastic that Sexcel® is available across a range of high quality sires.”



DENOVO 7921 ATRIUM

ACHIEVER X DELTA X SUPERSIRE



DAM: PEN-COL DELTA BARB

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+784	67% Rel.
Fat	+43.2	+0.17%
Protein	+27.3	+0.01%
Dtrs/Herds	0/0	

AI CODE: H05485

HH1T HH2T HH3T HH4T HH5C HH6T

TC TD TL TN TR TV TY

HBN: 65003141494507

NAAB: 629H018772

**£651
ACI**

**£451
SCI**

£ACI/SCI HEALTH & FERTILITY
AUGUST 2020

	Below Average	Above Average	
Fertility Index			2.4
Lifespan (days)			97
SCC			-20
Maintenance (kgs)			2
DCE			0.2

LARCREST COMMEND

BALISTO X VG86 ROBUST X VG86 MAC



COMMEND DAUGHTERS PICTURED AT AINTREE HOLSTEINS

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+382	98% Rel.
Fat	+29.3	+0.24%
Protein	+24.2	+0.21%
Dtrs/Herds	539/142	

AI CODE: H03669

HH1T HH2T HH3T HH4T HH5T HH6T

TC TD TL TN TV TY

HBN: 65000073680021

NAAB: 29H017785

**£530
ACI**

**£390
SCI**

£ACI/SCI HEALTH & FERTILITY
AUGUST 2020

	Below Average	Above Average	
Fertility Index			-0.6
Lifespan (days)			24
SCC			-15
Maintenance (kgs)			13
DCE			-0.3

DENOVO 3159 **GANDER**

GLITZ X VERONA X VG JOSUPER



G.DAM: MS CARDIGANS JS CASHMERE VG (3YRS))

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+732	67% Rel.
Fat	+38.8	+0.13%
Protein	+30.6	+0.10%
Dtrs/Herds	0/0	

AI CODE: H06384

HH1T HH2T HH3T HH4T HH5T HH6T

TC TD TL TN TS TV TY

HBN: 65003201755687

NAAB: 629H019373



£ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			6.4
Lifespan (days)			103
SCC			-18
Maintenance (kgs)			12
DCE			-0.4

KOEPON **RAPTOR**

LAWSON X TOPSHOT X RUBICON



KOEPON RAPTOR

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+638	67% Rel.
Fat	+37.4	+0.18%
Protein	+26.1	+0.08%
Dtrs/Herds	0/0	

AI CODE: H06063

HH1T HH2T HH3T HH4T HH5T HH6C

TC TD TL TN TR TS TV TY

HBN: 63000682613808

NAAB: 29H020048



£ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			6.1
Lifespan (days)			167
SCC			-23
Maintenance (kgs)			18
DCE			0.5

DENOVO 3150 **GENERATE**

GLITZ X VERONA X VG JOSUPER



G.DAM: MS CARDIGANS JS CASHMERE VG (3YRS)

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+710	67% Rel.
Fat	+42.8	+0.22%
Protein	+32.6	+0.15%
Dtrs/Herds	0/0	

AI CODE: H06346

HH1T HH2T HH3T HH4T HH5T HH6T

TC TD TL TN TS TV TY

HBN: 65003201755678

NAAB: 29H019367



£ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			3.2
Lifespan (days)			67
SCC			-21
Maintenance (kgs)			28
DCE			0

SEAGULL-BAY SR **STARDUST**

SPRING X VG88 JACEY X VG87 MAN-O-MAN



STARDUST DAUGHTER AT HALLEN HOLSTEINS

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+857	89% Rel.
Fat	+30.7	-0.10%
Protein	+28.5	-0.01%
Dtrs/Herds	65/38	

AI CODE: H04846

HH1T HH2T HH3T HH4T HH5T HH6T

TC TD TL TN TR TV TY

HBN: 65003128977786

NAAB: 29H018215



£ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			5.6
Lifespan (days)			21
SCC			-10
Maintenance (kgs)			14
DCE			0.5

A successful, stress-free crossbred grazing herd...



The Holstein, Friesian and Norwegian Red crosses, have been bred specifically for the autumn calving grazing system at Adam and Georgina Robert's farm near Penzance, in Cornwall.

"Good and effective grazers are crucial for us," says Georgina, who farms the 222ha unit with her husband Adam and Adam's parents, plus an apprentice. The grazing platform accounts for 42ha, and the rest is beef, silage area and assigned to the higher level stewardship scheme. "We look for cows to be out for 10 months of the year, so they need to graze whatever the weather."

At the same time, they want to maintain high milk constituents without losing feed response and yield capability. The herd is currently averaging 7,070kg of milk at 4.20% fat and 3.55% protein on twice-a-day milking and 546kg of solids. Approximately 50% of milk is produced from



forage, mainly grazed grass with whole crop barley and concentrate.

The herd moved away from pure black and whites in favour of cross breeding back in 2012 and having experienced "the added value gained from cross breeding in yield, fertility and health", Adam says he is now a huge "advocate of the mix."

For a farm that is only in their 3rd year of block calving, they have had exceptional success in achieving their current six week in calf rate of 81%. Using 100% Sexed semen they have also achieved a 58% conception rate using both REDX and Sexcel sexed semen. "We aim to keep improving fertility and to take advantage of the high fertility traits of the breeds, particularly in the Norwegian Red," adds Georgina.

However, Fertility isn't their only breeding goal. "We want strong, healthy cows with strong feet, healthy udders with a low average cell count" says Georgina. "We have always been a fairly healthy herd but lameness rates, that are currently two cases per 100 cows, have come down as we have crossbred. The cross bred cows also appear more resilient to mastitis, which I believe is down to stronger and healthier cows, but again a lot of possible variables."

Adam and Georgina Roberts
- Penzance, Cornwall

HALBOSTAD

SKAU X SAUR X TRANMÆL 2



HALBOSTAD

£ACI/SCI PRODUCTION
Country of origin conversion August 2020

Milk kg	+334	53%
Fat	+8.8	-0.10%
Protein	+9.8	-0.03%
Dtrs/Herds	0/0	

AI CODE: NR9863

HBN: 12006

NAAB: 252NR12006

£287
ACI

£245
SCI

£ACI/SCI HEALTH & FERTILITY

Country of origin conversion August 2020

	Below Average	Above Average	
Fertility Index		+14.5	
Lifespan	-31		
SCC	-1		
Maintenance	-26		
DCE		N/A	

IHLINGEN

MELBY X VAL X VELSVIK



IHLINGEN

£ACI/SCI PRODUCTION
Country of origin conversion August 2020

Milk kg	+163	50%
Fat	+5.4	-0.03%
Protein	+8.8	0.06%
Dtrs/Herds	0/0	

AI CODE: NR9860

HBN: 12046

NAAB: 252NR12046

£319
ACI

£264
SCI

£ACI/SCI HEALTH & FERTILITY

Country of origin conversion August 2020

	Below Average	Above Average	
Fertility Index		+13.6	
Lifespan	+51		
SCC	-10		
Maintenance	-15		
DCE		N/A	

ROEN

SKEI X VELSVIK X HAGA



ROEN

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	+123	72%
Fat	+9.9	0.09%
Protein	+6.5	0.04%
Dtrs/Herds	1685/1286	

AI CODE: NR9901

HBN:11690

NAAB: 252NR11690

£325
ACI

£265
SCI

£ACI/SCI HEALTH & FERTILITY AUGUST 2020

	Below Average	Above Average	
Fertility Index			+7.5
Lifespan			+61
SCC			-5
Maintenance			-29
DCE			N/A

ALL LYNNS LISTOWEL DALTON-P

LISTOWEL X CHISEL X DAZZLER



DAM: OAKLANE CHISEL DELLA

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	-42	58% Rel.
Fat	+15.4	+0.34%
Protein	+6.2	+0.15%
Dtrs/Herds	0/0	

AI CODE: J2710

JH1F PC SMA F TD TL TN TS

HBN: 76 173175006

NAAB: 29JE4137

£344
ACI

£268
SCI

£ACI/SCI HEALTH & FERTILITY AUGUST 2020

	Below Average	Above Average	
Fertility Index			2.4
Lifespan (days)			149
SCC			-5
Maintenance (kgs)			-55
DCE			NA

TJELMELAND

HORNEMAN X OLTERUD X LEKVE



TJELMELAND

£ACI/SCI PRODUCTION Country of origin conversion August 2020		
Milk kg	+29	54%
Fat	+1.7	0.01%
Protein	+5	0.08%
Dtrs/Herds	0/0	

AI CODE: NR9859

HBN:12044

NAAB: 252NR12044

£308
ACI

£265
SCI

£ACI/SCI HEALTH & FERTILITY Country of origin conversion August 2020

	Below Average	Above Average	
Fertility Index			+18.6%
Lifespan			+76
SCC			-8
Maintenance			-6
DCE			N/A

AHLEM ROCKWELL

CHROME X LEGAL X ACTION



DAM: AHLEM LEGAL RUTH

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	-55	61% Rel.
Fat	+17.5	+0.40%
Protein	+5.1	+0.14%
Dtrs/Herds	0/0	

AI CODE: J2713

JH1F SMA F TD TL TN TS

HBN: JE 76 3202630990

NAAB: 94JE4198

£325
ACI

£259
SCI

£ACI/SCI HEALTH & FERTILITY AUGUST 2020

	Below Average	Above Average	
Fertility Index			2.1
Lifespan (days)			106
SCC			-2
Maintenance (kgs)			-56
DCE			NA

VJ RAVNINGGAARD HUUS HAMLET

HUUS X HICKEY X ZUMA



VJ HAMLET

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	-358	59% Rel.
Fat	+12.6	+0.59%
Protein	+2.6	+0.32%
Dtrs/Herds	0/0	

AI CODE: J2673

JH1F

HBN: 66 304607

NAAB: 236JE4607



£ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			7.7
Lifespan (days)			122
SCC			0
Maintenance (kgs)			-58
DCE			NA



The right game plan always wins

Farmers around the world are drafting this winning plan with Genus ABS.

A Sexcel[®] and Beef InFocus[™] strategy delivers unbeatable, step-changing genetic progress. Genus ABS specialists create a customised genetic plan to make better cows faster and the industry's best beef x dairy calves. A winning plan is a profitable plan.

DANISH VJ ZUMMIT

ZUMA X TOPHOLM X IMPULS



VJ ZUMMIT

£ACI/SCI PRODUCTION AUGUST 2020		
Milk kg	-206	93% Rel.
Fat	+16.6	+0.52%
Protein	+4.2	+0.23%
Dtrs/Herds	960/361	

AI CODE: J2469

JH1F

HBN: JE 66 303532

NAAB: 236JE0205



£ACI/SCI HEALTH & FERTILITY AUGUST 2020			
	Below Average	Above Average	
Fertility Index			8.3
Lifespan (days)			153
SCC			-5
Maintenance (kgs)			-74
DCE			NA

Get the game plan for profitability at absglobal.com/winning-plan or talk to your Genus ABS representative today.

Profit from Genetic Progress

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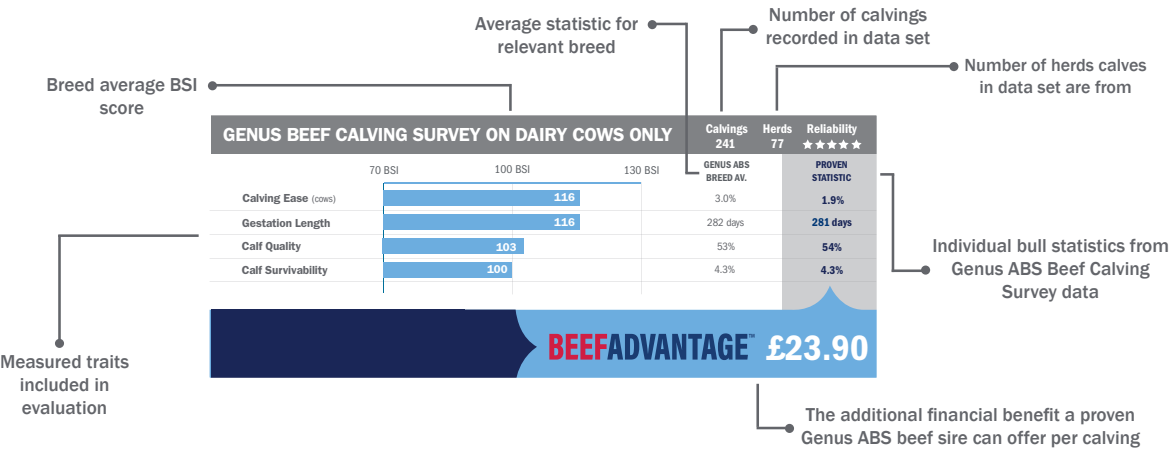


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TECHNOLOGIES

Data the Beef Calving Survey provides:

We display data for beef sires on a scale of 70-130 Beef Sire Index points (BSI) and all results collected from the Beef Calving Survey are compared to our own breed averages, based on over 40 years worth of data collection.

The table below shows proven sires calving survey results on dairy cows...



RSG Sire is proven on over 120 calving's in over 60 dairy herds.

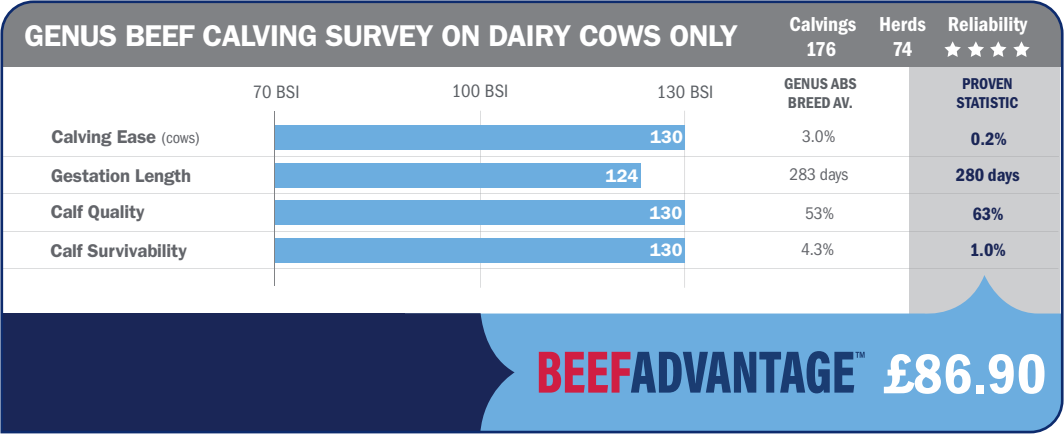
Our star rating system:

- ★ 60 - 89 calvings
- ★★ 90 - 119 calvings
- ★★★ 120 - 149 calvings
- ★★★★ 150 - 179 calvings
- ★★★★★ > 180 calving's

KOJAK



NOT ELIGIBLE FOR PEDIGREE REGISTRATIONS.



NEWPOLE KOJAK
Ear Tag: UK 704149 100864
Genus ABS Code: BB1469
NAAB Code: 29BB0089
Sire: Newpole Easy
Dam: Newpole Harriet
MGS: Auchenlay Echo

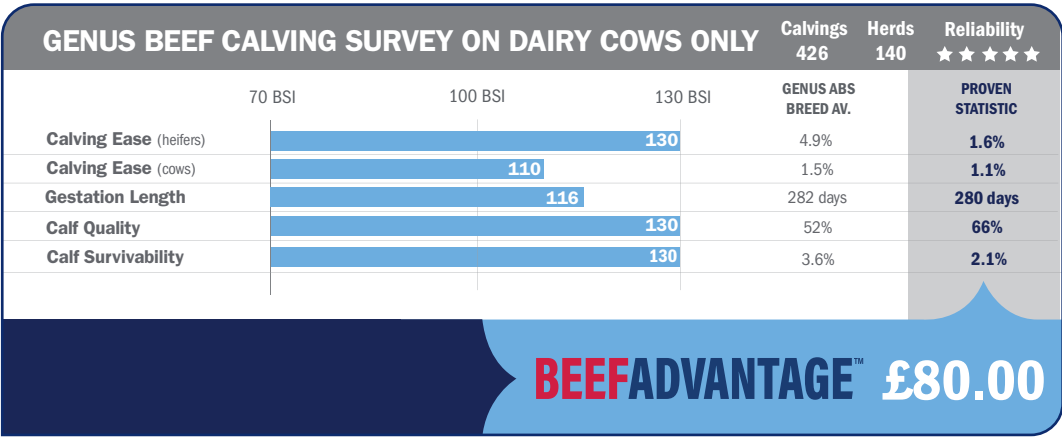


PROGENY OF KOJAK

ESPRESSO



NOT ELIGIBLE FOR PEDIGREE REGISTRATIONS.



ABS ESPRESSO

Ear Tag: UK 712146 600014
Genus ABS Code: AA1437
NAAB Code: 29XB0042
Sire: Yon Future Focus T219
Dam: Wardens Sam 4P8 0386
MGS: 4 Point 8 Of Ironwood

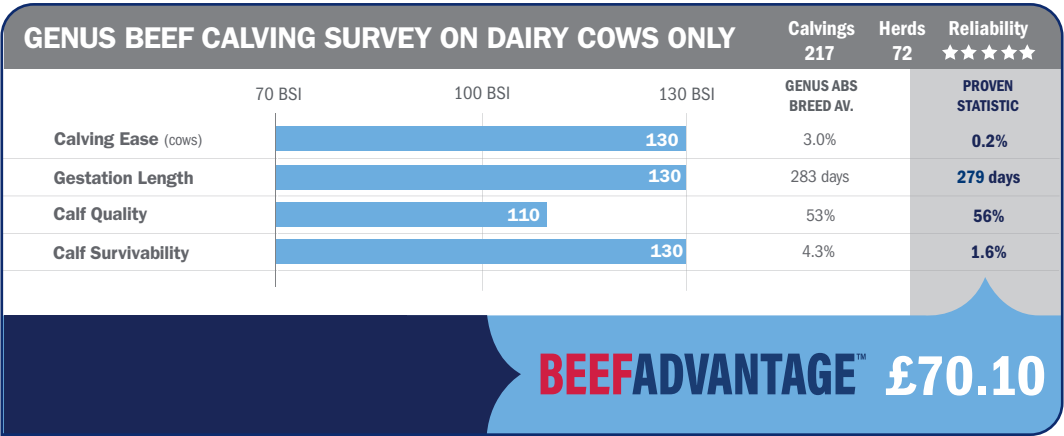


PROGENY OF ESPRESSO

MONEYMAN



NOT ELIGIBLE FOR PEDIGREE REGISTRATIONS.



QUARRY BANK MONEYMAN

Ear Tag: UK 704149 100927
Genus ABS Code: BB1565
NAAB Code: 29BB0108
Sire: Brookfield Dev
Dam: Quarry Bank Gail
MGS: Woodbine Warrior



PROGENY OF MONEYMAN

BROOK

RIBBLE BLACK BROOK

Ear Tag: UK 182746 102598
Genus ABS Code: AA1568
NAAB Code: 29AN2079
Sire: Ribble Ericht R330
Dam: Ribble Black Belinda R952
MGS: Ribble Ethelbald K424



PROGENY OF BROOK

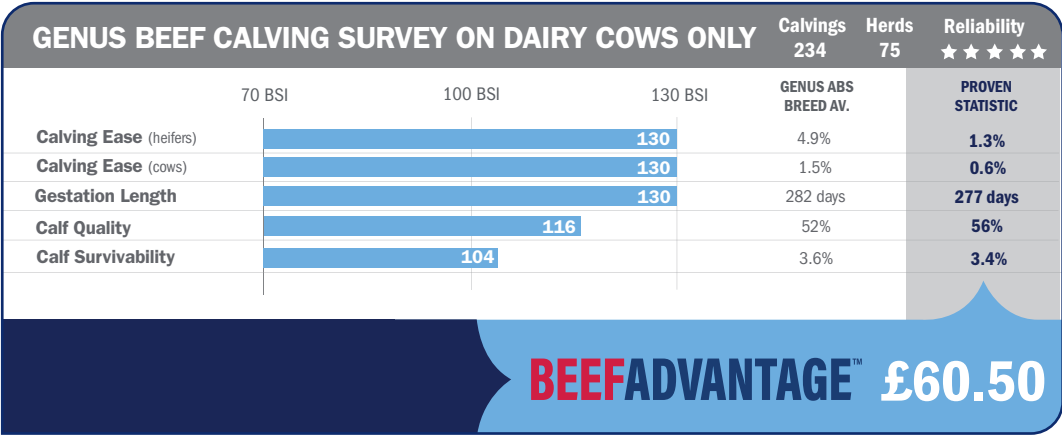
PROTEUS

BARWISE 1 PROTEUS

Ear Tag: UK 103000 200992
Genus ABS Code: H9323
NAAB Code: 29HP0939
Sire: Barwise 1 Wellington (P)
Dam: Barwise 1 Rosie (P)
MGS: CS Boomer 29F (P)



PROGENY OF PROTEUS



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ABERDEEN -ANGUS



HEREFORD





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Website: absglobal.com/uk/

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