PRICE £2

The Royal Northern Agricultural Society

(Patron : HRH The Princess Royal)

SPRING SHOW

Multi Breed Show & Sale of PEDIGREE CATTLE

In association with

Aberdeen & Northern Marts

Thainstone Centre, Inverurie AB51 5XZ

Wednesday 2nd March 2022

Show : 8.00am Sale : 12 noon within Sale ring No. 2

Overall Champion Bull At the 2020

Show and Sale of Pedigree Bulls

'BONNYKELLY OFFICER'

A Charolais Bull from R Leggat, Mormond Prop, New Pitsligo.

SPONSORED BY:

AZETS

Chartered Accountants and Business Advisory Services

Remote bidding available at this sale

ONLINE BIDDING

JUDGE

LIAM MUIR, UPPER ONSTON, STENNESS, STROMNESS, ORKNEY

PRIZE LIST

Class		1st	2nd	3rd	4th
1.	**Charolais Bull**	**£50**	**£40**	**£30**	**£20**
	Born on or after 15th March 2020 and before 9th May 2020				
2.	**Charolais Bull**	**£50**	**£40**	**£30**	**£20**
	Born on or after 9th May 2020				
	CHAMPION AND RESERVE CHAMPION CHAROLAIS BULL				
3.	**Limousin Bull**	**£50**	**£40**	**£30**	**£20**
	Born on or after 24th March 2020 and before 24th April 2020				
4.	**Limousin Bull**	**£50**	**£40**	**£30**	**£20**
	Born on or after 24th April 2020				
	CHAMPION AND RESERVE CHAMPION LIMOUSIN BULL				
5.	**Simmental Bull**	**£50**	**£40**	**£30**	**£20**
	Born on or after 1st March 2020 and before 22nd April 2020				
6.	**Simmental Bull**	**£50**	**£40**	**£30**	**£20**
	Born on or after 22nd April 2020				
	CHAMPION AND RESERVE CHAMPION SIMMENTAL BULL				
7.	**Aberdeen Angus Bull**	**£50**	**£40**	**£30**	**£20**
	CHAMPION AND RESERVE CHAMPION ABERDEEN-ANGUS BULL				
8.	**Any Other Breed of Bull**	**£50**	**£40**	**£30**	**£20**
	CHAMPION AND RESERVE CHAMPION ANY OTHER BREED OF BULL				

SPECIAL PRIZES

CHAMPION CHAROLAIS BULL	**-**	**£100 & SOCIETY SASH**
RESERVE CHAMPION CHAROLAIS BULL	**-**	**£50**
CHAMPION LIMOUSIN BULL	**-**	**£100**
RESERVE CHAMPION LIMOUSIN BULL	**-**	**£50**
CHAMPION SIMMENTAL BULL	**-**	**£100**
RESERVE CHAMPION SIMMENTAL BULL	**-**	**£50**
CHAMPION ABERDEEN-ANGUS BULL	**-**	**£100 & SOCIETY SASH**
RESERVE CHAMPION ABERDEEN-ANGUS BULL	**-**	**£50**
CHAMPION ANY OTHER BREED BULL	**-**	**£100**
RESERVE CHAMPION ANY OTHER BREED BULL	**-**	**£50**

OVERALL CHAMPION -

PERPETUAL TROPHY, £200 and WINNER'S SASH

NOTE: for Judging purposes, a class must have a minimum of three Bulls, and be halter led

Prize money will be forfeited if the animal is withdrawn unsold

BREED SOCIETY SPECIAL PRIZES -

CHAMPION LIMOUSIN BULL

THE SCOTTISH LIMOUSIN CLUB SALVER

CHAMPION SIMMENTAL BULL

CRYSTAL BOWL

Presented by the British Simmental Cattle Society

BEST PAIR OF ABERDEEN ANGUS BULLS

PERPETUAL TROPHY PRESENTED BY BILL SCLATER

SOCIETY INSPECTIONS - TUESDAY 1st MARCH

Vet Inspections by Donview Vets

Charolais	-	1:00pm – 2:00pm
Limousin	-	2:00pm – 3:00pm
Simmental	-	3:00pm – 3:30pm
Aberdeen-Angus	-	3:30pm – 4:00pm

PROGRAMME OF EVENTS

8:00am	-	Judging of Pedigree Bulls in the Exchange Concluded by Parade of Breed Winners and Selection of Overall Champion
11:00am	-	Presentation of Pedigree Bull Champions Trophies
11:30am		Judging of Exhibition Cattle in the Exchange
12:00noon	-	Sale of Pedigree Bulls Within Ring No 2
2:00pm	-	Address by RNAS President followed by Presentation of the RHASS Long Service Medals in Ring 2
2:30pm	-	Presentation of Exhibition Cattle Prizes followed by Sale of Exhibition Cattle in Ring 2

CHAMPION AND RESERVE CHAMPION CHAROLAIS BULLS
TO BE SOLD AFTER LOT 9

CHAMPION AND RESERVE CHAMPION LIMOUSIN BULLS
TO BE SOLD AFTER LOT 28

CHAMPION AND RESERVE CHAMPION SIMMENTAL BULLS
TO BE SOLD AFTER LOT 45

CHAMPION AND RESERVE CHAMPION
ABERDEEN-ANGUS BULLS
TO BE SOLD AFTER LOT 62

ALL OTHERS SOLD IN NUMERICAL ORDER

Aberdeen & Northern Marts wish to express their thanks to Azets, Chartered Accountants and Business Advisory Services. We appreciate their interest and generous sponsorship of this event and we welcome Kathleen Kirkland to present the prizes.

Buyers can take part in our auctions from anywhere in the world using the **Online bidding** internet system. They can watch and hear the sale as it happens and bid live on-line against ringside buyers. To register for bidding or to watch the sale visit our website :

ONLINE BIDDING AVAILABLE
GO TO

www.anmarts.co.uk

IMPORTANT NOTICE
TO PROSPECTIVE PURCHASERS

The animals in the Catalogue are offered for sale subject to the National Beef Association's standard Terms and Conditions of Sale.

These Terms and Conditions of Sale contain limitations to your rights and prospective purchasers should appraise themselves of the contents before the sale commences.

They have been drafted to form a fair and reasonable basis for the contract between the vendor and the purchaser to give you, as prospective purchasers, confidence in the animals offered for sale. The Terms and Conditions of Sale will be displayed in the Auctioneer's Office in and around the Sale premises on the day of Sale.

They are also available in a booklet which is obtainable on request from the Auctioneers, and all purchasers will be offered a copy when they settle their accounts. To cover the cost of this service, a supplement of £6.00 + VAT for Bulls and £4.00 + VAT for Females will be charged to all purchasers.

SOCIETY MINIMUM BID	
CHAROLAIS BULLS	**2,000 GNS**
LIMOUSIN BULLS	**2,000 GNS**
SIMMENTAL BULLS	**2,200 GNS**
ABERDEEN ANGUS BULLS	**2,000 GNS**
LIMOUSIN FEMALES	**800 GNS**

QR CODES

In this catalogue we have printed QR code for each animal, this will take you to the web page which will give you full information on pedigree, bar charts and photographs if available

Step 1
Download and install a QR code app on your smartphone if you don't yet have one. Open your App Store, Market, Marketplace or App World application (for the iPhone, Android, Windows Mobile and BlackBerry platforms, respectively).

Step 2
Search for "QR code reader," and then download and install a free app. The app should be named something to the effect of "QR Code Scanner" or "QR Scanner." There are paid versions of these kinds of apps, but the free ones work just as well.

Step 3
Open the QR barcode app on your smartphone, and choose "scan from camera" or "scan QR code" from the main menu. A new window should open with a square in the middle of it.

Step 4
Center the QR code in the middle of the square that's currently displayed by your QR barcode app. The app should automatically take a picture of the QR code for you when it has finished scanning the code. A new pop-up menu will appear, with the QR code information on it.

Step 5
Click the link that was embedded in the QR code, this will direct you to the Society website.

EXPLANATORY NOTES FOR CATALOGUES

Only British Charolais BREEDPLAN EBVs can be validly compared between Charolais herds.

Estimated Breeding Values (EBVs)

The EBV is the best estimate of an animal's genetic merit for that trait.

Accuracy

An accuracy value (Acc) is presented with every EBV and gives an indication of the amount of information that has been used in the calculation of that EBV. The higher the accuracy the lower the likelihood of change in the animal's EBV as more information is analysed for that animal or its relatives.

Calving Ease

Calving Ease EBVs are based on calving difficulty scores, birth weights and gestation length information. More positive EBVs are favourable and indicate easier calving.

DIR: Direct calving ease indicates how this animal influences the birth of its progeny. Using a bull in the Top 1% for CE direct (+16.7) is predicted to result in approximately 15% fewer assisted calvings in 2 year old heifers compared with using a bull in the Bottom 1% (-14.7). This range is predicted to be smaller in cows. Remember that the dam's genetics and management are significant factors influencing calving ease in any mating.

DTRS: Daughter's calving ease indicates how well the animal produces daughters that have easier calving.

Birth and Fertility

GL: Gestation Length EBV (days) is based on AI records. Lower (negative) GL EBVs indicate shorter gestation lengths which generally relate to easier calving and increased growth after birth.

BWT: Birth Weight EBV (kg) is based on the measured birth weight of animals, adjusted for dam age. The lower the value the lighter the calf at birth and the lower the likelihood of a difficult birth. This is particularly important when selecting sires for use over heifers.

SS: Scrotal Size EBV (cm) is an indicator of male fertility in regards to semen quality and quantity. Higher (positive) EBVs indicate higher fertility. There is also a small negative correlation with age of puberty in female progeny.

Growth

MILK: 200-Day Milk EBV (kg) is an estimate of an animal's milking ability. For sires, this EBV is indicative of their daughter's milking ability as it affects the 200-day weight of their calves.

200: 200-Day Growth EBV (kg) is calculated from the weight of animals taken between 80 and 300 days of age. Values are adjusted to 200 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth to early ages.

400: 400-Day Weight EBV (kg) is calculated from the weight of progeny taken between 301 and 500 days of age, adjusted to 400 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for yearling weight.

600: 600-Day Weight EBV (kg) is calculated from the weight of progeny taken between 501 and 900 days of age, adjusted to 600 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth beyond yearling age.

MWT: Mature Cow Weight EBV (kg) is an estimate of the genetic difference in cow weight at 5 years of age. Moderate or larger EBVs are generally more favourable.

Carcase

EMA: Eye Muscle Area EBV (cm2) estimates genetic differences in eye muscle area of a 300kg dressed carcase. More positive EBVs indicate better muscling on animals.

FAT: Rib Fat EBV (mm) estimates the genetic differences in fat depth at the rib in a 300kg dressed carcase. More positive EBVs indicate more subcutaneous fat and earlier maturity.

RBY%: Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a percentage of a 300kg dressed carcase. A more positive EBV indicates higher percentage yield for the 300kg carcase size.

IMF%: Intra-muscular Fat Percent EBV (%) is an estimate of the genetic difference in the percentage of intra-muscular fat at the 12/13th rib site in a 300kg carcase. Depending on market targets, larger more positive values are generally more favourable.

Terminal Index

The BCCS Terminal index is aimed at a commercial herd using Charolais bulls over large framed, mixed breed cows to breed steers and heifers to finish at 18 months of age. All progeny are destined for slaughter and no replacement females are selected from within the herd. There is some emphasis on calving ease while finishing steers at around 680 kg live weight (375 kg carcase weight) using a pasture based production system supplemented with extra rations during the finishing phase.

Use this index in a commercial herd to produce progeny for slaughter. The index has moderate emphasis on easier calving (ie getting a live calf with minimal human interference) while producing calves that will then grow quickly to market specifications at around 18 months of age. The index is focused on slaughter animals and does not account for maternal traits and is therefore not suited to breeding replacement females.

If you are using smaller framed cows or heifers in your herd, then you should also put extra emphasis on a higher calving ease direct EBV when selecting a sire using this index.

Self Replacing Index

The BCCS Self Replacing index is aimed at a Charolais herd breeding steers to finish at 16 months of age. Replacement females are selected from within the herd. There is some emphasis on calving ease and maternal traits while finishing steers for slaughter at around 680 kg live weight (375 kg carcase weight) using a pasture based production system.

This Self Replacing index is also suitable to using Charolais sires over mixed breed cows where replacement females are sourced from within the herd. There may be some hybrid vigour expressed in the progeny depending on the breed type of the cows used. Therefore you should consider placing extra emphasis on the Calving Ease EBVs (more positive) of the sire to allow for possible heavier birth weights of his calves due to hybrid vigour.

Use this index in both commercial and pedigree herds where you are balancing the requirements of selecting replacement females while also producing animals for slaughter.

Charolais EBV ratios have been incorporated with the Estimated Breeding Values (EBV) to assist breeders in making their selection decisions when purchasing Charolais cattle. The Charolais EBV ratio for each trait shows that animal`s breeding value for that trait in relation to the current published breed average.
The average for each trait is 100, and the approximate range between the bottom 1% and the top 1% is between 70 and 130.

The British Charolais BREEDPLAN Estimated Breeding Values contained in this Sale Catalogue were compiled by the Agricultural Business Research Institute (ABRI) from data supplied by the breeders. Neither the British Charolais Cattle Society nor the ABRI oversee or audit the collection of this data.

British Charolais
Percentile Bands for 2020 Born Calves

Percentile Band	Calving Ease Direct (%)	Calving Ease Daughters (%)	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt. (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mat Cow Wt (kg)	200 Day Milk (kg)	Scrotal Size (cm)	Carcase Wt. (kg)	Eye Muscle Area (sq cm)	Fat Depth (mm)	Retail Beef Yield (%)	IMF (%)	BCCS Terminal Index	BCCS Self Replacing Index
Top	+27.0	+12.7	-3.6	-1.9	+63	+112	+123	+121	+22	+3.2	+89	+8.1	+2.0	+4.1	+1.2	+100	+95
Top 1%	+16.7	+8.4	-1.2	-0.3	+46	+81	+97	+96	+17	+1.4	+70	+6.2	+0.5	+2.8	+0.5	+76	+71
Top 5%	+12.3	+6.1	-0.5	+0.6	+41	+70	+84	+83	+14	+0.9	+62	+5.3	+0.2	+2.3	+0.3	+67	+62
Top 10%	+9.7	+4.6	-0.3	+1.1	+38	+65	+78	+77	+13	+0.7	+58	+4.9	+0.1	+2.0	+0.2	+62	+58
Top 15%	+8.2	+3.6	-0.1	+1.4	+36	+62	+74	+73	+12	+0.5	+56	+4.6	+0.0	+1.8	+0.1	+59	+54
Top 20%	+7.0	+2.8	+0.1	+1.7	+35	+59	+71	+70	+12	+0.4	+54	+4.3	-0.1	+1.7	+0.1	+56	+52
Top 25%	+6.0	+2.2	+0.2	+1.9	+34	+57	+68	+67	+11	+0.3	+52	+4.1	-0.2	+1.6	+0.1	+54	+50
Top 30%	+5.1	+1.6	+0.3	+2.1	+33	+55	+66	+65	+11	+0.2	+51	+4.0	-0.2	+1.5	+0.0	+52	+48
Top 35%	+4.2	+1.0	+0.5	+2.2	+32	+54	+64	+63	+10	+0.1	+49	+3.8	-0.3	+1.4	+0.0	+50	+46
Top 40%	+3.4	+0.5	+0.6	+2.4	+31	+52	+62	+61	+10	+0.1	+48	+3.6	-0.3	+1.3	+0.0	+48	+44
Top 45%	+2.6	+0.0	+0.7	+2.5	+30	+51	+60	+59	+9	+0.0	+47	+3.5	-0.4	+1.3	+0.0	+47	+43
Top 50%	+1.8	-0.5	+0.8	+2.6	+29	+49	+58	+57	+9	-0.1	+45	+3.3	-0.4	+1.2	-0.1	+45	+41
Top 55%	+1.1	-1.0	+0.9	+2.8	+28	+48	+56	+55	+8	-0.1	+44	+3.2	-0.5	+1.1	-0.1	+44	+40
Top 60%	+0.3	-1.5	+1.0	+2.9	+27	+46	+55	+54	+8	-0.2	+43	+3.1	-0.5	+1.1	-0.1	+42	+38
Top 65%	-0.4	-2.1	+1.1	+3.1	+27	+45	+53	+52	+7	-0.3	+42	+3.0	-0.6	+1.0	-0.1	+41	+37
Top 70%	-1.3	-2.6	+1.3	+3.2	+26	+43	+51	+50	+7	-0.3	+40	+2.8	-0.6	+0.9	-0.2	+39	+36
Top 75%	-2.3	-3.3	+1.4	+3.4	+25	+41	+49	+48	+6	-0.4	+39	+2.7	-0.7	+0.9	-0.2	+38	+34
Top 80%	-3.3	-4.0	+1.5	+3.6	+24	+40	+47	+45	+6	-0.5	+38	+2.6	-0.7	+0.8	-0.2	+36	+32
Top 85%	-4.4	-4.9	+1.7	+3.8	+23	+38	+44	+43	+5	-0.6	+36	+2.4	-0.8	+0.7	-0.3	+35	+31
Top 90%	-6.0	-5.9	+1.9	+4.1	+21	+35	+41	+39	+5	-0.8	+35	+2.2	-0.9	+0.5	-0.3	+33	+29
Top 95%	-8.3	-7.4	+2.3	+4.5	+19	+32	+37	+35	+3	-1.0	+32	+2.0	-1.1	+0.4	-0.4	+30	+26
Top 99%	-13.0	-11.1	+3.0	+5.4	+15	+25	+28	+27	+1	-1.6	+27	+1.4	-1.4	+0.0	-0.6	+23	+21
Low	-26.3	-20.7	+5.1	+7.7	+9	+13	+16	+2	-4	-2.7	+18	-0.2	-2.3	-1.4	-1.2	+9	+8

British Charolais Myostatin Guide

What is Myostatin?

Myostatin is a gene that influences the production of proteins which control muscle development. When an animal is identified as having one of the mutations it means that they have inactive genes which do not control muscle growth as effectively, this can result in increased muscle mass. Currently in cattle, there are 19 known mutations of the gene and after extensive testing for the nine most common varients, we have concluded that the British Charolais cattle population only contains two - F94L & Q204X.

Why are we testing for Myostatin?

Knowing the myostatin status of your animals will help you to select bulls with the most appropriate myostatin traits for your breeding programme. This will lead to better calving ease and help with the ever-present trend to improve carcase conformation and quality. However, it is just one tool which should be used in conjunction with the wider information available such as Estimated Breeding Values (EBV's) – which predict the performance of the animal based on its back pedigree, accurate measurements and the performance of its herd mates – and your own judgement on type and pedigree.

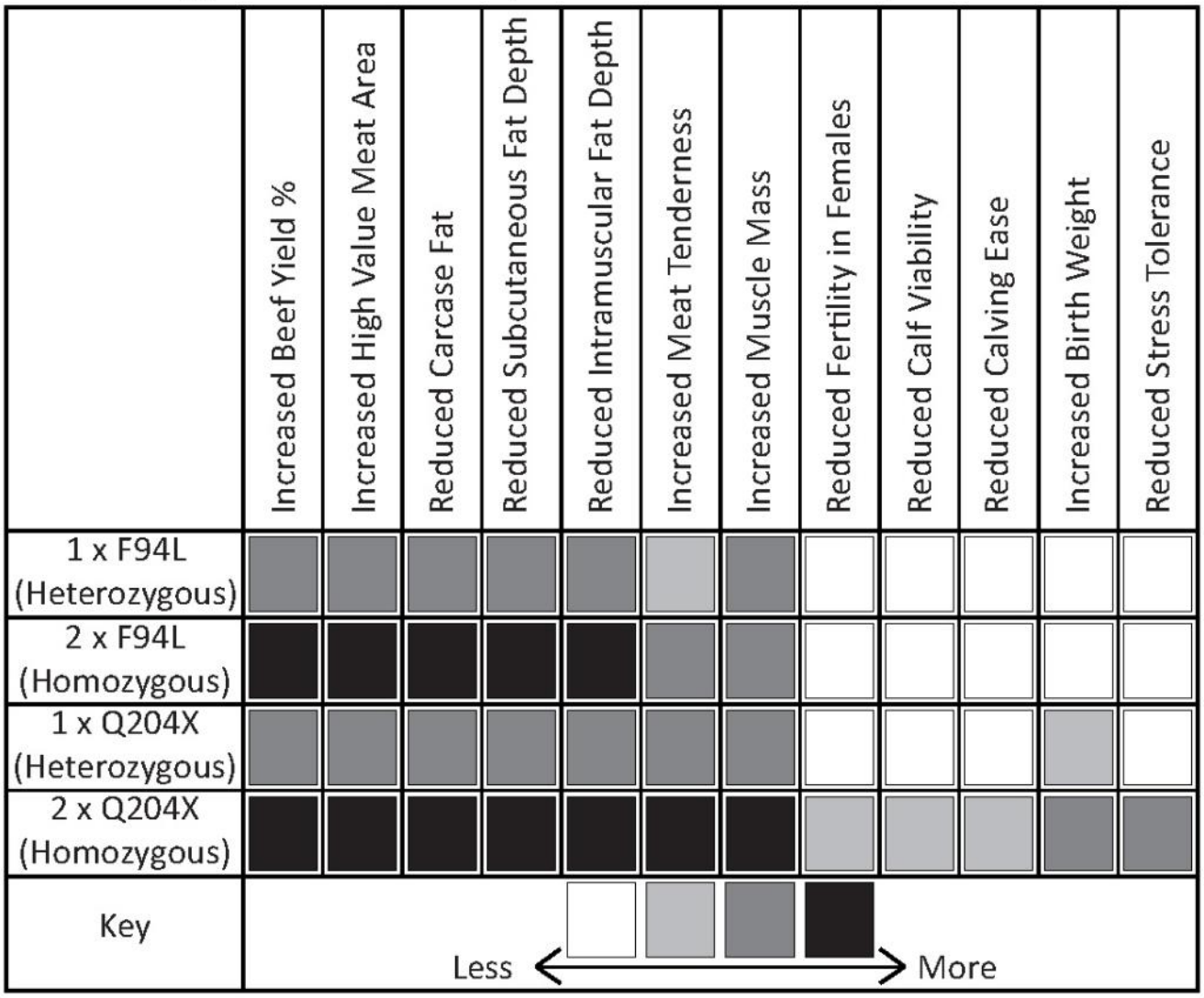
How are these genes inherited?

All reproducing species have two copies of each gene – called alleles. If your Charolais has one copy of the myostatin variant (one allele) it is classed as **heterozygous**, if it has two copies (two allele) it is classed as **homozygous**.

The table to below shows the chances of inheriting depending on the status of the parents:

2 Homozygous Parents	→	100% chance of Homozygous offspring
1 Homozygous Parent 1 Heterozygous Parent	→	50% chance of Homozygous offspring 50% chance of Heterozygous offspring
1 Homozygous Parent 1 Non-carrier Parent	→	100% chance of Heterozygous offspring
2 Heterozygous Parents	→	25% chance of Homozygous offspring 50% chance of Heterozygous offspring 25% chance of non-carrying offspring
1 Heterozygous Parent 1 Non-carrier Parent	→	50% chance of Heterozygous offspring 50% chance of non-carrying offspring
2 Non-carrier Parents	→	100% chance of non-carrying offspring

Below is a quick guide to the traits that are likely to be evident in homozygous and heterozygous calves born compared to calves with no myostatin:



Do you know what genes your cows are carrying?
Don't forget that the bull is only half the story.

February 2022 BRITISH CHAROLAIS BREEDPLAN - Percentile Bands for all 2020 born animals

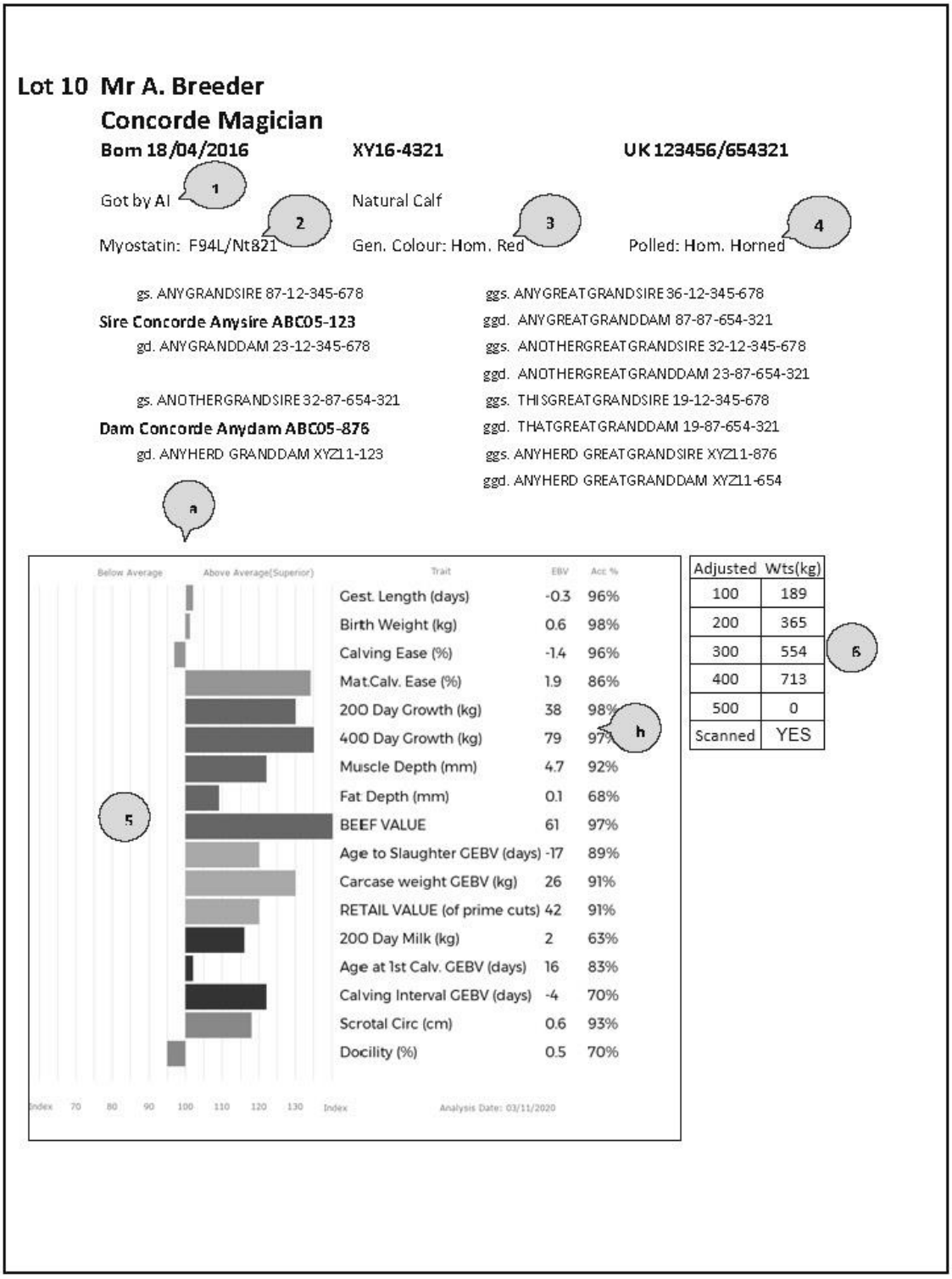
Use this table as a guide to compare individual animals with the current genetic level of the breed

	Calv-Ease		Birth		Growth					Fert	Carcase					Indexes	
	Direct	Dtrs	GL	Bwt	200d	400d	600d	Mwt	Milk	SS	Cwt	EMA	Fat	RBY	IMF	Termnl	Self
	%		days		kg					cm	kg	sq cm	mm	%		GBP	
High 1%	+16.8	+8.4	-1.1	-0.3	+46	+81	+96	+95	+17	+1.4	+70	+6.2	+0.5	+2.9	+0.5	+77	+71
High 5%	+12.4	+6.2	-0.5	+0.6	+41	+70	+83	+82	+14	+0.9	+62	+5.3	+0.2	+2.3	+0.3	+67	+63
High 10%	+9.8	+4.6	-0.2	+1.1	+38	+65	+77	+76	+13	+0.7	+58	+4.9	+0.1	+2.0	+0.2	+62	+58
High 15%	+8.3	+3.6	-0.1	+1.4	+36	+62	+73	+72	+13	+0.5	+56	+4.6	+0.0	+1.9	+0.1	+59	+55
High 20%	+7.1	+2.9	+0.1	+1.7	+35	+59	+71	+69	+12	+0.4	+54	+4.4	-0.1	+1.7	+0.1	+56	+52
High 25%	+6.0	+2.2	+0.3	+1.9	+33	+57	+68	+67	+11	+0.3	+52	+4.2	-0.2	+1.6	+0.0	+54	+50
High 30%	+5.2	+1.6	+0.4	+2.1	+32	+55	+66	+65	+11	+0.2	+51	+4.0	-0.2	+1.5	+0.0	+52	+48
High 35%	+4.2	+1.1	+0.5	+2.2	+32	+54	+64	+62	+10	+0.1	+49	+3.8	-0.3	+1.5	+0.0	+50	+46
High 40%	+3.4	+0.5	+0.6	+2.3	+31	+52	+62	+60	+10	+0.1	+48	+3.7	-0.3	+1.4	+0.0	+48	+45
High 45%	+2.6	+0.0	+0.7	+2.5	+30	+50	+60	+58	+9	+0.0	+46	+3.5	-0.4	+1.3	+0.0	+47	+43
50%	+1.8	-0.5	+0.8	+2.6	+29	+49	+58	+56	+9	-0.1	+45	+3.4	-0.4	+1.2	-0.1	+45	+42
Low 45%	+1.1	-1.0	+0.9	+2.8	+28	+47	+56	+55	+9	-0.1	+44	+3.2	-0.5	+1.1	-0.1	+43	+40
Low 40%	+0.4	-1.5	+1.1	+2.9	+27	+46	+54	+53	+8	-0.2	+43	+3.1	-0.5	+1.1	-0.1	+42	+39
Low 35%	-0.4	-2.1	+1.2	+3.0	+26	+44	+52	+51	+7	-0.3	+41	+3.0	-0.5	+1.0	-0.1	+40	+37
Low 30%	-1.2	-2.7	+1.3	+3.2	+26	+43	+50	+49	+7	-0.3	+40	+2.9	-0.6	+0.9	-0.2	+39	+36
Low 25%	-2.2	-3.4	+1.4	+3.4	+25	+41	+48	+47	+6	-0.4	+39	+2.7	-0.6	+0.9	-0.2	+38	+34
Low 20%	-3.3	-4.1	+1.6	+3.6	+24	+39	+46	+45	+6	-0.5	+38	+2.6	-0.7	+0.8	-0.2	+36	+32
Low 15%	-4.4	-5.0	+1.7	+3.8	+23	+37	+44	+42	+5	-0.7	+36	+2.5	-0.8	+0.7	-0.3	+35	+31
Low 10%	-6.0	-6.0	+2.0	+4.1	+21	+35	+41	+39	+5	-0.8	+35	+2.3	-0.9	+0.5	-0.3	+33	+29
Low 5%	-8.3	-7.5	+2.3	+4.5	+19	+32	+36	+34	+3	-1.0	+32	+2.0	-1.1	+0.4	-0.5	+29	+26
Low 1%	-12.9	-11.3	+3.0	+5.4	+15	+24	+27	+26	+1	-1.6	+26	+1.4	-1.4	+0.0	-0.7	+23	+21

LIMOUSIN

HOW TO USE GENETIC INFORMATION IN THIS CATALOGUE

Sale catalogues contain specific information relating to the genetics of each animal. This is a short explanatory note to assist when selection decisions are being made.



1 Birth Type

'Got by AI' indicates whether the calf was a result of an AI service. If blank, the dam was naturally served. 'Natural calf' indicates the calf was born to its biological dam. 'ET calf' indicates the calf was born as a result of embryo transplant.

2 Myostatin

"Not tested" indicates that no Myostatin test is currently available for the animal. Full details on the Myostatin variants and their effects on performance can be found on the Limousin Society website www.limousin.co.uk, search in 'performance programmes'. In summary:

The Variants:

F94L	Animals with two copies of this gene (ie F94L/F94L) exhibit an increase in muscling (by up to 19%) with **no** associated increased in calving difficulty, lowered fertility or longevity and by far the majority of animals in the breed carry this gene. Heterozygous animals (those with one copy of the gene) also exhibit these characteristics but not to the same degree.
NT821	Animals with two copies of the gene (ie nt821/nt821) will exhibit characteristics of larger loin depths, reduced fat depths and large, rounded rump and thighs. However, unlike F94L, animals with two copies may also have slightly heavier birth weights bringing with it the potential for more difficult calvings, If animals are 'heterozygous' with F94L (ie F94L/nt821) they will still exhibit quality carcase characteristics but are less likely to be affected by more difficult calvings.
Q204X	Animals with two copies of the gene (ie Q204X/Q204X) will exhibit characteristics of larger loin depth, reduced fat cover and greater meat tenderness. However, they may also have the potential to exhibit larger birth weight and, if females, slightly reduced milking ability. Animals that are 'heterozygous' with F94L (ie F94L/Q204X) will still exhibit quality carcase characteristics but are less likely to be affected by larger birth weights and reduced milking ability.

Two further variants of Myostatin exist in the population but are relatively uncommon in their occurrence. Known as nt419 and E291X, their effects are similar to nt821 and Q204X respectively.

The recognised benefits of Myostatin are:

- ✓ **Increased Meat Yield –** by up to 19%.
- ✓ **More feed efficient**
- ✓ **Higher meat quality –** increased tenderness, reduced fat content, higher polyunsaturated fats

Using Myostatin information

An important factor to remember is that carcase traits (muscling, fat cover etc), calving traits and milk traits in cattle are controlled by MANY genes. Myostatin is only one of them and, as such, it is <u>not</u> an absolute predictor of an animal's performance.

A Myostatin genotype is a further bit of information that may help your decision, but it should be used in conjunction with wider information such as Estimated Breeding Values (EBVs), which bring together information of actual performance from the animal itself, its herdmates and its relatives to predict genetic merit, and your own judgment on type and pedigree.

3 Genetic Colour

Colour and polled/horned genes typically come in pairs called alleles. One is inherited from the sire and one from the dam. Where an animal's alleles are the same, it is said to be 'Homozygous' (Hom.) Where the alleles are different (because there is more than one variant of the gene, the animal is said to be 'Heterozygous' (Het.)

"Hom. Red" – animals will be red and will pass on red genes.

"Hom. Black" – animals will be black and will pass on black genes. All calves will be black, since black colour genes are dominant.

"Het. Black" – animals will be black and will pass on either a red or black gene.

"Het. Red" – animals will be red and will pass on a red gene or a colour gene known as the 'wild type' that is non-colour determinate. (The coat colour of calves inheriting the wild type gene will be governed by the gene they inherit from the other parent. It is rare, but it is also possible for an animal to be homozygous for the wild type gene, in which case they will be reddish/brown to brownish/black).

4 Genetics for Horned/Polled Status

A bull that is "Hom. Polled" - will be polled himself and all calves will be polled (since he only has polled genes to pass on and they are dominant).

A bull that is "Het. Polled" – will be polled himself and will produce some polled and some horned calves (assuming the cows are all horned).

A bull that is "Hom. Horned" – will be horned himself and will pass only horned genes to his calves.

For more information on both Genetic Colour and Polled/Horned, go to www.limousin.co.uk, search in 'performance programmes' or scan the QR code above.

5 Estimated Breeding Values and Genomic Estimated Breeding Values (EBVs & GEBVs)

EBVs & GEBVs are expressed in the same unit as the recorded trait (eg kgs for 400 Day Weight, mm for Muscle Depth etc) are relative to the Breed Average.

a) **In sale catalogues, Breed Average for each trait is represented by the vertical line that is central on the bar chart...** (a)

- ✓ Bars that lie to the right of that line indicate EBVs/GEBVs that are above average. The further to the right they lie, the higher above Breed Average they are.
- ✓ Equally, bars that lie to the left of the line indicate EBVs/GEBVs that are below Breed Average. The further to the left they are, the further below Breed Average they are.

b) Accuracy Values (Acc%) are expressed as a % and indicate the quantity and quality of records used to produce each EBV, GEBV or Index. The closer they are to 100%, the more accurate the EBV. Highly accurate values are less likely to change over time. (h)

c) The numeric EBV & GEBV values on the charts can be used to further refine comparison with the breed using the Breed Benchmark which is updated annually.

For more information on EBVs and GEBVs, go to www.limousin.co.uk and search under 'Breed Improvement' in the main menu or scan the QR code opposite.

EBV, GEBV and pedigree information on all Limousin cattle are just a few internet clicks away...

Step 1: Go to www.taurusdata.co.uk
Step 2: In the 'All Breeds Quick Search' box type the name or ear number of the animal you are interested in or click on the 'Breeder Search' button to look at all animals belonging to or bred by a particular breeder.

The site will then tell you the animal's owner/breeder details, its breeding values, its pedigree and list its progeny with full links to all of their information.

6 Adjusted Weights

These are the 'raw' weights recorded for the animal throughout its early growing stages. They are adjusted for age, but are not adjusted for any other factor such as management, nutrition, dam age, differences between farms etc.

For further information or if you have any query, please let us know - telephone 02476 696500, e-mail info@limousin.co.uk or speak to Society staff and Council members attending the sale.

LIMOUSIN

2022 Limousin Breed Benchmark

Trait	Bottom 1%	Bottom 10%	Bottom 25%	Breed Average	Top 25%	Top 10%	Top 1%
Gest. Length (days)	4	2	1	**-0**	-1	-2	-4
Birth Weight (kg)	3.2	2.1	1.5	**0.8**	0.1	-0.6	-1.7
Calving Ease (%)	-4.9	-3.2	-2.2	**-1.1**	0	1	2.7
Mat.Calv. Ease (%)	-1.8	-1.1	-0.6	**-0.1**	0.4	0.8	1.6
200 Day Growth (kg)	-12	-1	5	**13**	20	26	37
400 Day Growth (kg)	-21	-1	11	**24**	37	48	68
Muscle Depth (mm)	-1.8	-0.1	0.8	**1.9**	2.9	3.9	5.5
Fat Depth (mm)	-0.5	-0.3	-0.2	**-0**	0.1	0.2	0.4
BEEF VALUE	**LM8**	**LM18**	**LM23**	**LM29**	**LM35**	**LM41**	**LM50**
200 Day Milk (kg)	-4	-2	-1	**-0**	1	2	4
Age at first calf (days)*	64.3	49.7	41.3	**31.9**	22.4	14	-0.6
Calving interval (days)*	14.8	9.9	7	**3.8**	0.6	-2.3	-7.3
Longevity*	-0.22	-0.15	-0.11	**-0.07**	-0.02	0.02	0.08
Calf Survival*	-0.05	-0.03	-0.02	**-0.01**	0.01	0.02	0.04
Scrotal Circ (cm)	-0.8	-0.4	-0.2	**0.1**	0.3	0.5	0.9
Docility (%)	-3.2	-1.1	0.1	**1.4**	2.7	3.9	6
Age to slaughter (days)*	20	10	4	**-2**	-8	-14	-24
Carcase weight (kg)*	-6	1	5	**9.5**	14	18	24.9
Fillet (kg)*	0.09	0.13	0.15	**0.17**	0.2	0.22	0.26
Striploin (kg)*	0.05	0.16	0.23	**0.3**	0.37	0.44	0.55
Rump (kg)*	0.17	0.29	0.35	**0.42**	0.49	0.56	0.67
Topside (kg)*	0.52	0.78	0.93	**1.09**	1.26	1.41	1.66
Silverside (kg)*	0.6	0.89	1.06	**1.25**	1.43	1.6	1.89
Knuckle (kg)*	0.19	0.31	0.37	**0.45**	0.52	0.59	0.71
Retail Value*	**LM15R**	**LM22R**	**LM26R**	**LM31R**	**LM36R**	**LM40R**	**LM47R**

For Enquiries: The British Limousin Cattle Society Tel 02476 696500 Email info@limousin.co.uk

* Where animals have been genotyped, the breeding values for these traits will be Genomic Breeding Values (GEBVs). Publication of GEBVs is at animal owners' discretion. If an animal has not been genotyped, the breeding value will be a conventional Estimated Breeding Value (EBV). Whether a breeding value is an EBV or a GEBV is noted alongside each value.

Please note that EBVs and GEBVs are interchangeable for the same trait. For example, an animal with a Calving Interval GEBV can be directly compared to an animal with a Calving Interval EBV. A link to further information on all EBVs and GEBVs is below.

FOR INFORMATION

Breeding Indexes

EBVs can be combined in to selection indexes to meet wider breeding objectives…

Calving Value	An economic indicator of the collective value of Gestation Length and Calving Ease
Beef Value	An economic indicator of the collective value of Birth Weight, Calving Ease, 400-Day Growth, Muscle Depth and Backfat Depth
Retail Value	An economic indicator of the collective value of Fillet, Striploin, Rump, Topside, Silverside and Knuckle at 600 days of age and a standard carcase weight of 350kgs.

NB: Using Calving Ease and Maternal Calving Ease

Calving Ease EBV *Predicts how easy a bull's own calves will be born.*
Maternal Calving Ease EBV *Predicts how easily a bull's daughters will calve.*

To search the Limousin database by Breeder, by EBVs/GEBVs and/or by Individual Animal go to www.taurusdata.co.uk and click on 'Beef Search'

For more information on EBVs and GEBVs please go to www.limousin.co.uk and click on 'Performance Programmes' or get in touch on the numbers below.

taurus data

LIMOUSIN

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UNDERSTANDING THE BREEDPLAN PERFORMANCE RECORDING INFORMATION IN THIS CATALOGUE

Only British Simmental GROUP BREEDPLAN EBVs or INTERIM EBVs with Accuracy (Acc) can be validly compared between herds.

ESTIMATED BREEDING VALUES (EBVS)

The EBV is the best estimate of an animal's genetic merit for that trait and they are to be used as a tool to assist in the selection of sires, **the visual appearance remains very important.**

ACCURACY

An accuracy value is presented with every EBV and gives an indication of the amount of information that has been used in the calculation of that EBV. The higher the accuracy the lower the likelihood of change in the animal's EBV as more information is analysed for that animal or it's relatives.

CALVING EASE

Calving Ease EBVs are based on calving difficulty scores, birth weights and gestation length information. More positive EBVs are favourable and indicate easier calving.

DIR: Direct calving ease indicates how this animal influences the birth of its progeny.
Calving Ease (DIR) EBVs are estimates of genetic differences in the ability of a sire's calves to be born unassisted from **2 year old heifers.** The EBVs are reported as differences in the percentage of unassisted calvings.

Higher, more positive, Calving Ease (DIR) EBVs are more favourable. For example, a bull with an EBV of +5.0% would be expected, on average, to produce 3% fewer difficult calvings **from 2 year old heifers** than a bull with an EBV of –1.0% (6% difference between the sires, then halved as they only contribute half the genetics). **Cow condition is a significant factor on the ability and ease of calving.** Continued use of sires with easy calving may reduce the size of the cows and average pelvic area in the herd

DTRS: Daughter's calving ease indicates how well the animal produces daughters that have easier calving.

Calving Ease (DTRS) EBVs are estimates of genetic differences in the ability of a sire's daughters to calve at 2 years of age without assistance. The EBVs are also reported as differences in the percentage of unassisted calvings.
Higher, more positive, Calving Ease (DTRS) EBVs are more favourable. For example, a bull with an EBV of +4.0% would be expected to on average produce daughters that have 3% less calving problems when calving at 2 years of age than the daughters of a bull with an EBV of –2.0%.

Birth and Fertility

GL: Gestation Length EBV (days) is based on AI records. Lower (negative) GL EBVs indicate shorter gestation lengths which generally relate to easier calving and increased growth after birth. For example, a bull with a Gestation Length EBV of –2 days would be expected to produce calves that are born earlier, and more easily, than a bull with a Gestation Length EBV of +2 days.

BWT: Birth Weight EBV (kg) is based on the measured birth weight of animals, adjusted for dam age. The lower the value the lighter the calf at birth and the lower the likelihood of a difficult birth. This is particularly important when selecting sires for use over heifers. Birth Weight EBVs are expressed in kilograms (kg) and are calculated based on weights of calves taken at birth. Small, or moderate, Birth Weight EBVs are more favourable. For example, a bull with a Birth Weight EBV of +2 kg would be expected to produce lighter calves at birth than a bull with a Birth Weight EBV of +6 kg, with a lower risk of a difficult birth.

Please note, whilst low Birth Weight EBVs are favoured for calving ease they are also generally associated with lower overall growth potential. Consequently, birth weight and growth need to be carefully balanced. Fortunately, animals can be found that have both moderate Birth Weight EBVs and above average EBVs for later growth.

SS: Scrotal Size EBV (cm) is an indicator of male fertility in regards to semen quality and quantity.Higher (positive) EBVs indicate higher fertility. Increased scrotal circumference is associated with increased semen production in bulls, and earlier age at puberty of bull and heifer progeny. Increased scrotal circumference also has a favourable relationship with days to calving, such that bulls with larger scrotal circumference tend to have daughters with shorter days to calving. For example, a bull with a Scrotal Size EBV of +4 cm would be expected to produce sons with larger testicles at yearling age and daughters that reach puberty earlier than the progeny of a bull with a Scrotal Size EBV of -4 cm.

Growth

MILK: 200 Day Milk EBVs are estimates an animal's maternal effect on the 200 day weight of its calf. In the case of sires, this estimates the maternal effect that his daughters will have on the 200 day weight of their progeny. The 200 Day Milk EBV is expressed as kilograms (kg) of calf live weight at 200 days (ie. the expected difference in the weight of the calf at 200 days due to the maternal effect (milk) of the cow). The 200 Day Milk EBV is calculated by partitioning the difference in the 200 day weight of calves into growth and milk components.

The optimum level of milk production potential among beef cows is dependent upon the production system and environment in which the cows are run. Selection for increased milk production may be warranted when cows are run under good nutritional conditions and calves are sold as weaners. However, some environments may not support high milking cows.

Larger, more positive, 200 Day Milk EBVs are generally more favourable, depending on the environment. For example, a bull with a 200 Day Milk EBV of +15 kg would be expected to sire daughters with higher milk production than a bull with 200 Day Milk EBV of +5 kg. This higher milk production potential should be reflected through higher weaning weights among the daughter's calves.

200: 200-Day Growth EBV (kg) is calculated from the weight of animals taken between 80 and 300 days of age. Values are adjusted to 200 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth to early ages.

400: 400-Day Weight EBV (kg) is calculated from the weight of progeny taken between 301 and 500 days of age, adjusted to 400 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for yearling weight.

600: 600-Day Weight EBV (kg) is calculated from the weight of progeny taken between 501 and 900 days of age, adjusted to 600 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth beyond yearling age.

CARCASE

CWT: Carcase Weight EBV (kg) estimates the genetic difference in carcase weight at a standard age of 650 days.

EMA: Eye Muscle Area EBV (cm^2) estimates genetic differences in eye muscle area of a 300kg dressed carcase. More positive EBVs indicate better muscling on animals. Larger, more positive, EMA EBVs are generally more favourable. For example, a bull with an EMA EBV of +4 cm^2 would be expected to produce steer progeny with a greater degree of muscle expression than a bull with an EMA EBV of +1 cm^2.

RIB: Rib Fat EBV (mm) estimates the genetic differences in fat depth at the rib in a 300kg dressed carcase. More positive EBVs indicate more subcutaneous fat and earlier maturity.

RBY%: Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a percentage of a 300kg dressed carcase. A more positive EBV indicates higher percentage yield for the 300kg carcase size.

Terminal Index

The BSCS Terminal index is aimed at a commercial herd using Simmental bulls over large framed, mixed breed cows to breed steers and heifers to turn off at 16 months of age. All progeny are destined for slaughter and no replacement females are selected from within the herd. There is some emphasis on calving ease while finishing steers at around 630 kg live weight (335 kg carcase weight) using a pasture based production system supplemented with extra rations during the finishing phase.

Use this index in a commercial herd to produce progeny for slaughter. The index has moderate emphasis on easier calving (ie getting a live calf with minimal human interference) while producing calves that will then grow quickly to market specifications at around 16 months of age. The index is focused on slaughter animals and does not account for maternal traits and is therefore not suited to breeding replacement females.

If you are using smaller framed cows or heifers in your herd, then you should also put extra emphasis on a higher calving ease direct EBV when selecting a sire using this index.

Self Replacing Index

The BSCS Self Replacing index is aimed at a Simmental herd selecting replacement females from within the herd while breeding steers and excess heifers to turn off at 16 months of age. There is emphasis on calving ease and maternal traits while also looking to finish steers for slaughter at around 680 kg live weight (350 kg carcase weight) using a pasture based production system supplemented with extra rations during the finishing phase.

This Self Replacing index is also suitable to using Simmental sires over mixed breed cows where replacement females are sourced from within the herd. There may be some hybrid vigour expressed in the progeny depending on the breed type of the cows used. Therefore you should consider placing extra emphasis on the Calving Ease EBVs (more positive) of the sire to allow for possible heavier birth weights of his calves due to hybrid vigour.

Use this index in both commercial and pedigree herds where you are balancing the requirements of selecting replacement females while also producing animals for slaughter.

The British Simmental GROUP BREEDPLAN Estimated Breeding Values contained in this Sale Catalogue were compiled by the Agricultural Business Research Institute (ABRI) from data supplied by the breeders. Neither the British Simmental Cattle Society nor the ABRI oversee or audit the collection of this data.

The British Simmental Cattle Society

Understanding the new EBV Graph

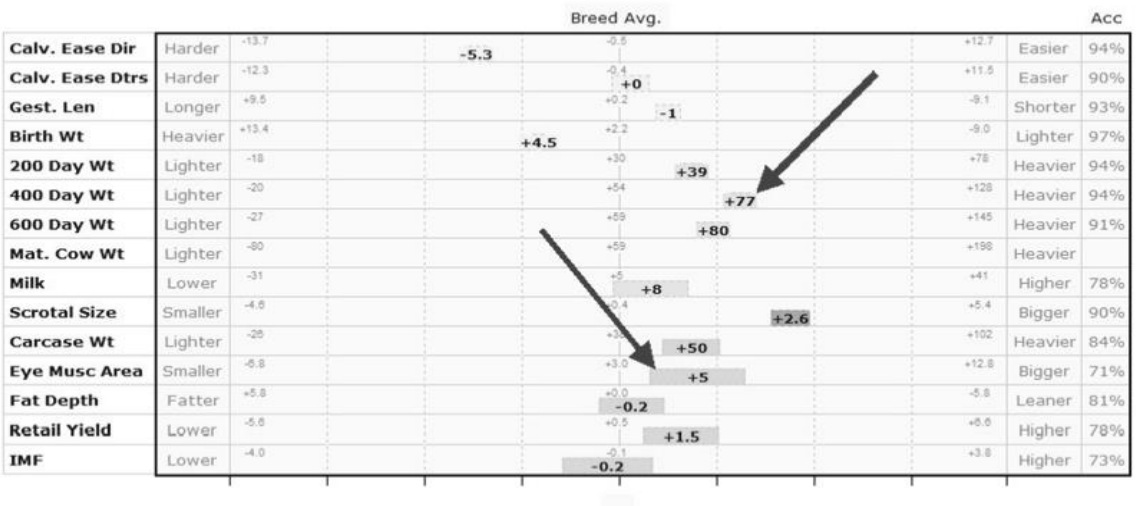
The BSCS is moving to a new graph for pen cards for all animals at Society sales. The new graph has been available for sometime as part of the Breedplan package used for performance recording and includes more detailed information on individual EBV values compared to the old graph. The new graph allows the buyer to see clearly where the animal's individual traits fall in relation to breed average and also include the accuracy value.

Of course, as the EBV takes into account all the pedigree and performance information that is available at this point in time, the EBV is also the most reliable indication available of the animals breeding value for each trait at this point in time.

Within the display of the EBV Graph:

- The actual EBV Accuracy for each trait is shown at the right side of the graph.
- The Breed Avg values are listed in the centre of the graph and reflect the average EBV's of current animals within the breed (ie. all 2 year old animals).
- The minimum and maximum EBV values are displayed at the left and right of the graph for each trait represented
- The horizontal bar (shaded/coloured area) displays where the animal is placed in relation to the current animals within the breed for each trait.
- As an illustration of the interpretation of the EBV graph, in the example below the animals 400 Day Wt EBV is of higher accuracy than the Eye Muscle Area EBV (because it's horizontal bar is much narrower) and so there is less possible change in the 400 Day Wt EBV as additional information becomes available. Conversely, the EMA EBV may change when additional information becomes available.

EBV Graph for OMORGA VOLVO



The British Simmental Cattle Society

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Sale: THAINSTONE 2ND MARCH 2022 **Sale Date: 02-Mar-2022**

D.O.B	Age Days	Min WT	D.O.B	Age Days	Min WT	D.O.B	Age Days	Min WT
01/01/2021	425	645	25/07/2020	585	797	16/02/2020	745	941
27/12/2020	430	650	20/07/2020	590	801	11/02/2020	750	945
22/12/2020	435	655	15/07/2020	595	806	06/02/2020	755	950
17/12/2020	440	660	10/07/2020	600	810	01/02/2020	760	954
12/12/2020	445	665	05/07/2020	605	815	27/01/2020	765	959
07/12/2020	450	670	30/06/2020	610	819	22/01/2020	770	963
02/12/2020	455	675	25/06/2020	615	824	17/01/2020	775	968
27/11/2020	460	680	20/06/2020	620	828	12/01/2020	780	972
22/11/2020	465	685	15/06/2020	625	833	07/01/2020	785	977
17/11/2020	470	690	10/06/2020	630	837	02/01/2020	790	981
12/11/2020	475	695	05/06/2020	635	842	28/12/2019	795	986
07/11/2020	480	700	31/05/2020	640	846	23/12/2019	800	990
02/11/2020	485	705	26/05/2020	645	851	18/12/2019	805	995
28/10/2020	490	710	21/05/2020	650	855	13/12/2019	810	999
23/10/2020	495	715	16/05/2020	655	860	08/12/2019	815	1004
18/10/2020	500	720	11/05/2020	660	864	03/12/2019	820	1008
13/10/2020	505	725	06/05/2020	665	869	28/11/2019	825	1013
08/10/2020	510	729	01/05/2020	670	873	23/11/2019	830	1017
03/10/2020	515	734	26/04/2020	675	878	18/11/2019	835	1022
28/09/2020	520	738	21/04/2020	680	882	13/11/2019	840	1026
23/09/2020	525	743	16/04/2020	685	887	08/11/2019	845	1031
18/09/2020	530	747	11/04/2020	690	891	03/11/2019	850	1035
13/09/2020	535	752	06/04/2020	695	896	29/10/2019	855	1040
08/09/2020	540	756	01/04/2020	700	900	24/10/2019	860	1044
03/09/2020	545	761	27/03/2020	705	905	19/10/2019	865	1049
29/08/2020	550	765	22/03/2020	710	909	14/10/2019	870	1053
24/08/2020	555	770	17/03/2020	715	914	09/10/2019	875	1058
19/08/2020	560	774	12/03/2020	720	918	04/10/2019	880	1062
14/08/2020	565	779	07/03/2020	725	923	29/09/2019	885	1067
09/08/2020	570	783	02/03/2020	730	927	24/09/2019	890	1071
04/08/2020	575	788	26/02/2020	735	932	19/09/2019	895	1076
30/07/2020	580	792	21/02/2020	740	936	14/09/2019	900	1080

January 2022 Simmental BREEDPLAN - Percentile Bands for all 2020 born animals

Use this table as a guide to compare individual animals with the current genetic level of the breed

	Calv-Ease		Birth		Growth					Fert	Carcase					Indexes	
	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	Cwt	EMA	Fat	RBY	IMF	TI	SRI
	%		days		kg					cm	kg	sq.cm	mm	%		GBP	
High 1%	+7.7	+5.8	-2.4	-1.1	+49	+93	+97	+100	+13	+2.0	+67	+6.2	+1.2	+2.5	+0.5	+114	+130
High 5%	+5.3	+3.6	-1.5	+0.3	+44	+82	+88	+90	+11	+1.4	+60	+5.5	+0.7	+2.0	+0.3	+102	+114
High 10%	+3.9	+2.7	-1.1	+0.9	+42	+77	+83	+85	+10	+1.2	+56	+5.1	+0.5	+1.7	+0.2	+96	+106
High 15%	+2.9	+2.1	-0.9	+1.3	+40	+74	+80	+82	+9	+1.1	+53	+4.8	+0.4	+1.5	+0.1	+91	+101
High 20%	+2.2	+1.7	-0.7	+1.6	+39	+71	+77	+79	+8	+0.9	+52	+4.7	+0.3	+1.4	+0.1	+88	+98
High 25%	+1.7	+1.3	-0.6	+1.8	+38	+69	+75	+77	+8	+0.9	+50	+4.5	+0.2	+1.3	+0.0	+86	+95
High 30%	+1.2	+1.0	-0.4	+2.0	+37	+68	+73	+75	+7	+0.8	+49	+4.4	+0.1	+1.2	+0.0	+84	+92
High 35%	+0.7	+0.7	-0.3	+2.1	+36	+66	+71	+73	+7	+0.7	+48	+4.3	+0.0	+1.1	+0.0	+82	+90
High 40%	+0.3	+0.4	-0.2	+2.3	+35	+65	+70	+71	+7	+0.7	+47	+4.2	+0.0	+1.0	+0.0	+80	+88
High 45%	-0.1	+0.1	-0.1	+2.5	+34	+63	+68	+69	+6	+0.6	+46	+4.0	-0.1	+0.9	-0.1	+78	+86
50%	-0.6	-0.2	+0.0	+2.6	+34	+62	+67	+68	+6	+0.6	+45	+3.9	-0.1	+0.8	-0.1	+76	+84
Low 45%	-1.0	-0.5	+0.1	+2.8	+33	+60	+65	+66	+6	+0.5	+44	+3.8	-0.2	+0.8	-0.1	+74	+82
Low 40%	-1.4	-0.7	+0.2	+3.0	+32	+59	+64	+64	+5	+0.4	+43	+3.7	-0.3	+0.7	-0.2	+72	+81
Low 35%	-1.9	-1.0	+0.3	+3.1	+31	+58	+62	+63	+5	+0.4	+42	+3.6	-0.3	+0.6	-0.2	+71	+79
Low 30%	-2.4	-1.4	+0.4	+3.3	+31	+56	+61	+61	+4	+0.3	+41	+3.5	-0.4	+0.5	-0.2	+69	+76
Low 25%	-3.0	-1.7	+0.5	+3.5	+30	+55	+59	+59	+4	+0.3	+40	+3.3	-0.5	+0.4	-0.3	+67	+74
Low 20%	-3.6	-2.1	+0.7	+3.7	+29	+53	+57	+57	+4	+0.2	+38	+3.2	-0.5	+0.4	-0.3	+64	+72
Low 15%	-4.4	-2.5	+0.8	+3.9	+28	+51	+55	+55	+3	+0.1	+37	+3.1	-0.7	+0.2	-0.4	+62	+69
Low 10%	-5.4	-3.1	+1.0	+4.2	+26	+49	+53	+52	+2	+0.0	+35	+2.9	-0.8	+0.1	-0.5	+59	+66
Low 5%	-7.0	-4.0	+1.3	+4.7	+24	+45	+49	+47	+1	-0.2	+32	+2.6	-1.0	-0.1	-0.6	+54	+60
Low 1%	-9.8	-5.6	+1.9	+5.8	+17	+35	+37	+33	-1	-0.5	+25	+2.1	-1.4	-0.5	-0.8	+42	+44

THE ABERDEEN-ANGUS CATTLE SOCIETY

UNDERSTANDING THE BREEDPLAN PERFORMANCE RECORDING INFORMATION IN THIS CATALOGUE

Only Aberdeen-Angus GROUP BREEDPLAN EBVs or INTERIM EBVs with Accuracy (Acc) can be validly compared between herds.

Estimated Breeding Values (EBVs)

The EBV is the best estimate of an animal's genetic merit for that trait.

Accuracy

An accuracy value (Acc) is presented with every EBV and gives an indication of the amount of information that has been used in the calculation of that EBV. The higher the accuracy the lower the likelihood of change in the animal's EBV as more information is analysed for that animal or its relatives.

Calving Ease

Calving Ease EBVs are based on calving difficulty scores, birth weights and gestation length information. More positive EBVs are favourable and indicate easier calving.

DIR: Direct calving ease indicates how this animal influences the birth of its progeny. Using a bull in the Top 1% for CE direct (+7.0) is predicted to result in approximately 15% fewer assisted calvings in 2 year old heifers compared with using a bull in the Bottom 1% (-10.2). This range is predicted to be smaller in cows. **Remember that the dam's genetics and management are significant factors influencing calving ease in any mating.**

DTRS: Daughter's calving ease indicates how well the animal produces daughters that have easier calving.

Birth and Fertility

GL: Gestation Length EBV (days) is based on AI records. Lower (negative) GL EBVs indicate shorter gestation lengths which generally relate to easier calving and increased growth after birth.

BWT: Birth Weight EBV (kg) is based on the measured birth weight of animals, adjusted for dam age. The lower the value the lighter the calf at birth and the lower the likelihood of a difficult birth. This is particularly important when selecting sires for use over heifers.

SS: Scrotal Size EBV (cm) is an indicator of male fertility in regards to semen quality and quantity. Higher (positive) EBVs indicate higher fertility. There is also a small negative correlation with age of puberty in female progeny.

GROWTH

MILK: 200-Day Milk EBV (kg) is an estimate of an animal's milking ability. For sires, this EBV is indicative of their daughter's milking ability as it affects the 200-day weight of their calves.

200: 200-Day Growth EBV (kg) is calculated from the weight of animals taken between 80 and 300 days of age. Values are adjusted to 200 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth to early ages.

400: 400-Day Weight EBV (kg) is calculated from the weight of progeny taken between 301 and 500 days of age, adjusted to 400 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for yearling weight.

600: 600-Day Weight EBV (kg) is calculated from the weight of progeny taken between 501 and 900 days of age, adjusted to 600 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth beyond yearling age.

MWT: Mature Cow Weight EBV (kg) is an estimate of the genetic difference in cow weight at 5 years of age. Smaller, or more moderate EBVs are generally more favourable.

CARCASE

CWT: Carcase Weight EBV (kg) estimates the genetic difference in carcase weight at a standard age of 650 days.

EMA: Eye Muscle Area EBV (cm^2) estimates genetic differences in eye muscle area of a 300kg dressed carcase. More positive EBVs indicate better muscling on animals.

FAT: Rib Fat EBV (mm) estimates the genetic differences in fat depth at the rib in a 300kg dressed carcase. More positive EBVs indicate more subcutaneous fat and earlier maturity.

RBY%: Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a percentage of a 300kg dressed carcase. A more positive EBV indicates higher percentage yield for the 300kg carcase size.

IMF%: Intra-muscular Fat Percent EBV (%) is an estimate of the genetic difference in the percentage of intra-muscular fat at the $12/13^{th}$ rib site in a 300kg carcase. Depending on market targets, larger more positive values are generally more favourable.

Indexes combine the EBVs with economic information for specific market and production systems to rank animals based on relative profit values.

Terminal index

The Angus Terminal index is aimed at a commercial herd using Angus bulls over dairy cross cows to breed steers and heifers to turn off at 16 months of age. All progeny are destined for slaughter and no replacement females are selected from within the herd. There is some emphasis on calving ease while finishing steers at around 600 kg live weight (330 kg carcase weight) using a pasture based production system.

Use this index in a commercial herd to produce progeny for slaughter. The index has moderate emphasis on easier calving (ie getting a live calf with minimal human interference) while producing calves that will then grow quickly to market specifications at around 16 months of age. The index is focused on slaughter animals and does not account for maternal traits and is therefore not suited to breeding replacement females.

If you are using smaller framed cows or heifers in your herd, then you should also put extra emphasis on a higher Calving Ease Direct EBV when selecting a sire using this index.

Self Replacing index

The Angus Self Replacing index is aimed at an Angus herd selecting replacement females from within the herd while breeding steers and excess heifers to turn off at 18 months of age. There is emphasis on calving ease and maternal traits while also looking to finish steers for slaughter at around 615 kg live weight (330 kg carcase weight) using a pasture based production system supplemented with extra rations during the finishing phase.

This Self Replacing index is also suitable to using Angus sires over mixed breed cows where replacement females are sourced from within the herd. There may be some hybrid vigour expressed in the progeny depending on the breed type of the cows used. Therefore you should consider placing extra emphasis on the Calving Ease EBVs (more positive) of the sire to allow for possible heavier birth weights of his calves due to hybrid vigour.

Use this index in both commercial and pedigree herds where you are balancing the requirements of selecting replacement females while also producing animals for slaughter.

Aberdeen-Angus

Percentile Band	Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Fat Depth (mm)	Retail Beef Yield (%)	IMF (%)	Terminal Index	Self Replacing Index
Top	+12.3	+8.7	-5.3	-4.7	+74	+136	+156	+153	+31	+5.0	+113	+11.6	+3.5	+4.1	+1.7	+69	+87
Top	+7.0	+5.4	-2.9	-1.0	+61	+112	+133	+126	+22	+2.6	+89	+7.8	+1.0	+2.8	+1.0	+54	+71
Top	+4.5	+3.8	-1.6	+0.6	+55	+99	+119	+113	+19	+2.1	+79	+6.6	+0.0	+2.3	+0.7	+48	+63
Top	+3.2	+3.0	-1.0	+1.2	+52	+93	+113	+107	+18	+1.9	+75	+5.9	-0.3	+2.0	+0.5	+45	+59
Top	+2.4	+2.5	-0.7	+1.6	+50	+89	+109	+102	+16	+1.7	+71	+5.5	-0.5	+1.8	+0.4	+43	+56
Top	+1.8	+2.1	-0.4	+1.9	+48	+86	+105	+99	+16	+1.6	+69	+5.1	-0.7	+1.7	+0.4	+41	+54
Top	+1.3	+1.7	-0.2	+2.1	+46	+83	+102	+96	+15	+1.5	+67	+4.9	-0.8	+1.5	+0.3	+40	+52
Top	+0.8	+1.4	+0.0	+2.4	+45	+81	+99	+93	+14	+1.4	+65	+4.6	-0.9	+1.4	+0.3	+38	+50
Top	+0.3	+1.1	+0.2	+2.6	+44	+79	+97	+91	+14	+1.3	+63	+4.4	-1.0	+1.3	+0.2	+37	+49
Top	-0.1	+0.9	+0.3	+2.8	+43	+77	+94	+88	+13	+1.2	+61	+4.2	-1.2	+1.2	+0.2	+36	+47
Top	-0.6	+0.6	+0.4	+3.0	+42	+75	+92	+86	+12	+1.2	+59	+4.0	-1.3	+1.2	+0.2	+35	+46
Top	-1.0	+0.3	+0.6	+3.1	+41	+73	+90	+84	+12	+1.1	+58	+3.8	-1.4	+1.1	+0.1	+34	+45
Top	-1.4	+0.1	+0.7	+3.3	+40	+71	+87	+82	+11	+1.0	+56	+3.7	-1.5	+1.0	+0.1	+33	+44
Top	-1.9	-0.2	+0.8	+3.5	+39	+69	+85	+80	+11	+0.9	+54	+3.5	-1.6	+0.9	+0.1	+32	+42
Top	-2.3	-0.5	+0.9	+3.7	+38	+66	+83	+78	+10	+0.9	+53	+3.4	-1.8	+0.8	+0.0	+31	+41
Top	-2.8	-0.8	+1.0	+3.9	+36	+64	+80	+76	+10	+0.8	+51	+3.2	-1.9	+0.7	+0.0	+30	+40
Top	-3.4	-1.1	+1.2	+4.2	+35	+62	+77	+73	+9	+0.7	+49	+3.0	-2.1	+0.6	+0.0	+29	+38
Top	-4.0	-1.5	+1.3	+4.4	+34	+59	+74	+70	+8	+0.6	+47	+2.8	-2.2	+0.5	-0.1	+28	+36
Top	-4.7	-2.0	+1.5	+4.7	+32	+56	+70	+66	+8	+0.5	+44	+2.6	-2.4	+0.4	-0.1	+26	+34
Top	-5.7	-2.5	+1.7	+5.0	+30	+52	+65	+62	+6	+0.3	+41	+2.3	-2.7	+0.3	-0.2	+24	+31
Top	-7.1	-3.4	+2.0	+5.6	+26	+45	+57	+54	+5	+0.1	+35	+1.9	-3.0	+0.1	-0.3	+20	+27
Top	-10.2	-5.1	+2.6	+6.8	+15	+25	+31	+31	+1	-0.6	+18	+1.3	-3.7	-0.4	-0.5	+10	+15
Low	-20.9	-11.3	+5.6	+10.0	-9	-19	-26	-15	-6	-2.0	-20	-1.1	-5.7	-1.8	-1.2	-8	-6

Percentile Bands for 2020 Born Calves

All bulls entered at official Society sales have their Myostatin status displayed in the catalogue. The Myostatin nt821 gene is responsible for double muscling.

Myostatin Status No Carrier, means the bull does not carry the Myostatin nt821 gene.

Myostatin Status Single Version Carrier means the bull carries a single version of the Myostatin nt821 gene, but still accepted for registration by the Aberdeen-Angus Cattle Society

UNDERSTANDING THE BREEDPLAN PERFORMANCE RECORDING INFORMATION IN THIS CATALOGUE

Only Beef Shorthorn GROUP BREEDPLAN EBVs or INTERIM EBVs with Accuracy (Acc) can be validly compared between herds.

Estimated Breeding Values (EBVs)

The EBV is the best estimate of an animal's genetic merit for that trait.

Accuracy

An accuracy value is presented with every EBV and gives an indication of the amount of information that has been used in the calculation of that EBV. The higher the accuracy the lower the likelihood of change in the animal's EBV as more information is analysed for that animal or it's relatives. Accuracy below 75% should be considered low.

Calving Ease

Calving Ease EBVs are based on calving difficulty scores, birth weights and gestation length information. More positive EBVs are favourable and indicate easier calving.

DIR: Direct calving ease indicates how this animal influences the birth of its progeny.

DTRS: Daughter's calving ease indicates how well the animal produces daughters that have easier calving.

Birth and Fertility

GL: Gestation Length EBV (days) is based on AI records. Lower (negative) GL EBVs indicate shorter gestation lengths which generally relate to easier calving and increased growth after birth.

BWT: Birth Weight EBV (kg) is based on the measured birth weight of animals, adjusted for dam age. The lower the value the lighter the calf at birth and the lower the likelihood of a difficult birth. This is particularly important when selecting sires for use over heifers.

SS: Scrotal Size EBV (cm) is an indicator of male fertility in regards to semen quality and quantity. Higher (positive) EBVs indicate higher fertility. There is also a small negative correlation with age of puberty in female progeny.

GROWTH

MILK: 200-Day Milk EBV (kg) is an estimate of an animal's milking ability. For sires, this EBV is indicative of their daughter's milking ability as it affects the 200-day weight of their calves.

200: 200-Day Growth EBV (kg) is calculated from the weight of animals taken between 80 and 300 days of age. Values are adjusted to 200 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth to early ages.

400: 400-Day Weight EBV (kg) is calculated from the weight of progeny taken between 301 and 500 days of age, adjusted to 400 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for yearling weight.

600: 600-Day Weight EBV (kg) is calculated from the weight of progeny taken between 501 and 900 days of age, adjusted to 600 days and for dam age. This EBV is the best single estimate of an animal's genetic merit for growth beyond yearling age.

MWT: Mature Cow Weight EBV (kg) is an estimate of the genetic difference in cow weight at 5 years of age. Smaller, or more moderate EBVs are generally more favourable.

CARCASE

CWT: Carcase Weight EBV (kg) estimates the genetic difference in carcase weight at a standard age of 650 days.

EMA: Eye Muscle Area EBV (cm^2) estimates genetic differences in eye muscle area of a 300kg dressed carcase. More positive EBVs indicate better muscling on animals.

FAT: Rib Fat EBV (mm) estimates the genetic differences in fat depth at the rib in a 300kg dressed carcase. More positive EBVs indicate more subcutaneous fat and earlier maturity.

RBY%: Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a percentage of a 300kg dressed carcase. A more positive EBV indicates higher percentage yield for the 300kg carcase size.

IMF%: Intra-muscular Fat Percent EBV (%) is an estimate of the genetic difference in the percentage of intra-muscular fat at the $12/13^{th}$ rib site in a 300kg carcase. Depending on market targets, larger more positive values are generally more favourable.

Terminal index

The Shorthorn Terminal index is aimed at a commercial herd using Shorthorn bulls over dairy cross cows to breed steers and heifers to turn off at 19 months of age. All progeny are destined for slaughter and no replacement females are selected from within the herd. There is some emphasis on calving ease while finishing steers at around 580 kg live weight (310 kg carcase weight) using a pasture based production system.

Use this index in a commercial herd to produce progeny for slaughter. The index has moderate emphasis on easier calving (ie getting a live calf with minimal human interference) while producing calves that will then grow quickly to market specifications at around 19 months of age. The index is focused on slaughter animals and does not account for maternal traits and is therefore not suited to breeding replacement females.

If you are using smaller framed cows or heifers in your herd, then you should also put extra emphasis on a higher Calving Ease Direct EBV when selecting a sire using this index.

Self Replacing index - The Shorthorn Self Replacing index is aimed at a Shorthorn herd selecting replacement females from within the herd while breeding steers and excess heifers to turn off at 19 months of age. There is emphasis on calving ease and maternal traits while also looking to finish steers for slaughter at around 580 kg live weight (310 kg carcase weight) using a pasture based production system supplemented with extra rations during the finishing phase.

This Self Replacing index is also suitable to using Shorthorn sires over mixed breed cows where replacement females are sourced from within the herd. There may be some hybrid vigour expressed in the progeny depending on the breed type of the cows used. Therefore you should consider placing extra emphasis on the Calving Ease EBVs (more positive) of the sire to allow for possible heavier birth weights of his calves due to hybrid vigour.

Use this index in both commercial and pedigree herds where you are balancing the requirements of selecting replacement females while also producing animals for slaughter.

Maternal Index - The Maternal Index is designed for a commercial Beef Shorthorn cross herd that is focussed on breeding herd replacements and on weaning as many and as heavy calves as possible at 8 months of age. It estimates the genetic differences between animals in net profitability per cow mated, for an example Beef Shorthorn Euro cross commercial cow herd targeting the production of pasture grown calves. Steers and heifers are weaned and marketed at an average of 350kg live weight at 8 months of age for further finishing or as replacement heifers.

The Beef Shorthorn GROUP BREEDPLAN Estimated Breeding Values contained in this Sale Catalogue were compiled by the Agricultural Business Research Institute (ABRI) from data supplied by the breeders. Neither the Beef Shorthorn Cattle Society nor the ABRI oversee or audit the collection of this data.

Beef Shorthorn Cattle Society Sale Regulations

Notes for Sale/Auction Catalogues

Whilst every effort is made to ensure the accuracy of the information contained on the website database and the pedigree certificate, the information is not warranted by the Society as it is based on data supplied by members and/or third parties. Purchasers should check the animal enquiry screen of the Society website for sire or parentage verification. Where this field is blank the animal has not been verified. In the case of females that are neither embryos nor imports and with no parentage queries this field will not be completed and will be left intentionally blank as verification is not required. The Society and its officers shall not have any liability for the accuracy of the information contained within either the website database or the pedigree certificate.

The Beef Shorthorn Cattle Society has previously sanctioned the use of Maine Anjou cattle (a French breed of Shorthorn derivatives) in a controlled breed improvement programme. That successful programme is now complete and has been closed (Oct 1999).

All calves born on or after 1 January 2001 shall be registered in the Coates Herd Book (Beef) with no mention of percentage (pertaining to Maine Anjou influence) provided that both parents are previously registered in Coates Herd book (Beef). Purchasers who are interested in the influence of Maine Anjou in any prospective purchase are invited to inspect the four-generation pedigree certificate or contact the Secretary for further details. Cattle born before 1 January 2001 will continue to display the percentage of pure Shorthorn blood on their certificate.

Other Society rules as follows:

- By a ruling of the Directors of the Beef Shorthorn Cattle Society a levy of three per cent of the net sale price (after deduction of auctioneers' commission) will be deducted from the vendors statements before settlement and paid to the Beef shorthorn Cattle Society.
- All Cattle will be sold with an NBA fertility warranty. The cost of this warranty is £6 + vat per male animal and £4 + vat per female animal. This cost will be divided equally between the vendor and the purchaser and collected by the auctioneer at the time of sale. The auctioneer will pay this money directly to the NBA.
- Animals will be inspected in the sale premises and, by a ruling of the Directors, the inspector(s) is empowered to instruct any exhibitor to withdraw from the show and sale any animal they consider not to be of the required standard. Bulls will be inspected by a vet appointed by the Society. Bulls not attaining the required minimum testicle size or displaying irregular testicular conformation or displaying overshot or undershot jaws will be rejected from the sale.
- There will be a minimum selling price of 1800gns on each bull entered for sale. Bulls not attracting a bid of 1800gns will be passed out of the ring unsold.
- All show animals must be halter led.
- Grading register animals will be sold at the end of the sale.
- The Beef Shorthorn Cattle Society operates a compulsory health testing scheme at all Society sales listed below.

Health Testing Requirements for Beef Shorthorn Society Sales

Amended January 2020

1) All animals entered for Beef Shorthorn Society Sales must come from herds which are members of a registered CHeCS health scheme and must have been testing for BVD and Johne's Disease for a minimum of 12 months.
2) All animals must be individually blood tested no more than 3 months prior to the sale for BVD antigen and IBR antibody unless coming from a herd which has accredited status for the relevant disease. Accredited herds do not need individual animal tests for the diseases for which they are accredited.

3) All females whether from an accredited herd or not must be vaccinated against BVD to provide cover for the relevant period (ie, the sale date) relating to the type of vaccine. The vaccination date must be submitted to the relevant health scheme provider when the pen card is requested. It is recommended that males should also be vaccinated as above.
4) Animals testing antigen positive (PI) for BVD will not be accepted for sale.
5) The results of the blood tests must be displayed at the sale on a health pen card supplied by a CHeCS accredited health scheme.
6) All animals must have a risk level for Johne's displayed on the pen card and this must be a minimum level 4.
7) All animals must have an individual pen card with the date of the last TB test and the testing interval (or completed as 'TB exempt' where applicable). The box must not be left blank.
8) Calves under 1 month old cannot be accepted for sale.
9) Calves at foot over 1 month from non BVD Accredited herds need to be tested for BVD antigen. Calves from BVD accredited herds do not need to be tested.
10) No other health information will be allowed to be displayed.
11) It is the responsibility of the vendor to ensure that the correct tests have been carried out and that the health pen cards are available for the sale.

Advisory checklist for vendors

1) Blood test all animals bound for sale (including calves over 1 month old which need only be tested for BVD antigen) no more than 3 months prior to the sale and at least 1 month prior to sale.
2) Vaccinate all animals bound for the sale against BVD. Ask your vet for advice on when to vaccinate.
3) Send the blood samples to one of the CHeCS accredited health schemes (details on website) stating that tests are required for BVD antigen and IBR antibody and **request a health pen card stating clearly that the animals are entered for sale at a Beef Shorthorn Society Sale.** If your vet is sending off the samples on your behalf, ensure they see a copy of this letter and that all the required tests are requested on the sample submission form.
4) If herd accredited for BVD and IBR, request pen cards at least 4 weeks prior to sale with vaccination information.
5) Make sure you have received the cards before you arrive at the sale and check that all the relevant information is displayed on the card.

If you have any questions about these requirements, please contact the Society office.

Herd Health Declaration

In order to give prospective purchasers as much information as possible about the health status of cattle for sale, we are also including a Herd Health Declaration. The Herd Health Declaration should be returned to the auctioneers with the entries. This information will be printed in the front of the sale catalogue under the vendor's name.

ANIMALS ARRIVING AT A SALE WITHOUT A COMPLETED HEALTH PEN CARD WILL NOT BE ALLOWED IN THE SALE. IT IS ALSO THE VENDOR'S RESPONSIBILITY TO ENSURE THE CARDS ARE CORRECT.

January 2022 Beef Shorthorn - Percentile Bands for all 2020 born animals

Use this table as a guide to compare individual animals with the current genetic level of the breed

	Calv-Ease		Birth		Growth					Fert	Carcase					Indexes		
	Dir	Dtrs	GL	Bwt	200	400	600	Mwt	Milk	SS	Cwt	EMA	Rib	RBY	IMF	ST	SR	MA
	%		days		kg					cm	kg	sq.cm	mm	%		GBP		
High 1%	+8.5	+5.0	-2.6	-1.2	+36	+56	+71	+81	+12	+1.2	+51	+4.7	-1.4	+2.3	+0.5	+50	+55	+31
High 5%	+5.3	+3.5	-1.6	-0.1	+31	+48	+61	+68	+10	+0.9	+43	+3.8	-0.9	+1.7	+0.3	+43	+46	+28
High 10%	+3.9	+2.7	-1.3	+0.3	+28	+44	+56	+61	+9	+0.7	+40	+3.2	-0.7	+1.4	+0.2	+39	+42	+27
High 15%	+2.9	+2.1	-1.0	+0.6	+26	+41	+53	+58	+9	+0.6	+37	+2.9	-0.6	+1.3	+0.1	+37	+39	+26
High 20%	+2.2	+1.6	-0.9	+0.8	+25	+39	+50	+54	+8	+0.5	+35	+2.6	-0.5	+1.1	+0.1	+35	+37	+26
High 25%	+1.7	+1.2	-0.7	+1.0	+24	+38	+48	+52	+8	+0.5	+34	+2.4	-0.4	+1.0	+0.0	+34	+35	+25
High 30%	+1.1	+0.9	-0.6	+1.1	+22	+36	+46	+49	+7	+0.4	+32	+2.3	-0.3	+0.9	+0.0	+32	+34	+24
High 35%	+0.6	+0.5	-0.5	+1.3	+21	+35	+44	+47	+7	+0.4	+31	+2.1	-0.3	+0.8	+0.0	+31	+32	+24
High 40%	+0.2	+0.3	-0.4	+1.4	+20	+33	+43	+45	+6	+0.3	+30	+2.0	-0.2	+0.7	-0.1	+30	+31	+23
High 45%	-0.2	+0.0	-0.3	+1.6	+20	+32	+41	+44	+6	+0.2	+29	+1.9	-0.1	+0.7	-0.1	+29	+29	+23
50%	-0.6	-0.3	-0.2	+1.7	+19	+31	+40	+42	+6	+0.2	+28	+1.7	-0.1	+0.6	-0.1	+28	+28	+23
Low 45%	-1.1	-0.7	-0.1	+1.8	+18	+29	+38	+40	+5	+0.1	+26	+1.6	+0.0	+0.5	-0.1	+26	+26	+22
Low 40%	-1.5	-1.0	+0.0	+2.0	+17	+28	+37	+38	+5	+0.1	+25	+1.5	+0.0	+0.5	-0.2	+25	+25	+22
Low 35%	-2.0	-1.4	+0.0	+2.1	+16	+27	+35	+37	+5	+0.0	+24	+1.4	+0.1	+0.4	-0.2	+24	+24	+22
Low 30%	-2.5	-1.7	+0.1	+2.2	+15	+26	+34	+35	+4	+0.0	+23	+1.2	+0.1	+0.3	-0.2	+23	+22	+21
Low 25%	-3.0	-2.1	+0.2	+2.4	+14	+24	+32	+33	+4	-0.1	+22	+1.1	+0.2	+0.2	-0.3	+22	+21	+21
Low 20%	-3.7	-2.6	+0.3	+2.6	+13	+23	+30	+31	+4	-0.2	+21	+1.0	+0.3	+0.1	-0.3	+20	+19	+20
Low 15%	-4.5	-3.1	+0.5	+2.8	+12	+21	+28	+28	+3	-0.2	+19	+0.8	+0.4	+0.0	-0.4	+19	+17	+20
Low 10%	-5.5	-3.8	+0.6	+3.1	+10	+19	+26	+25	+3	-0.3	+17	+0.6	+0.5	-0.1	-0.4	+17	+15	+19
Low 5%	-7.1	-5.0	+0.8	+3.5	+8	+16	+22	+20	+2	-0.5	+15	+0.3	+0.7	-0.3	-0.5	+14	+12	+18
Low 1%	-10.2	-7.3	+1.3	+4.4	+4	+10	+14	+10	+1	-0.8	+9	-0.4	+1.3	-0.8	-0.9	+9	+6	+16

CHAROLAIS

Sale Health Declarations Report

		PENS
MR S A ALLAN (INVERDEN)	(8600) GORYHILL, GLENKINDIE, ALFORD - Herd last tested clear from TB in 2022 - Currently on a 4 year TB testing interval - Member of HI Health Herdcare (NE:Biobest) - Herd testing for BVD - Routinely vaccinating against BVD since 2021 - Using Bovela - Routinely vaccinating against Lepto since 2021 - Using Leptavoid-H - Johnes Status Risk Level - 2	**183-184**
R & N BARCLAY (HARESTONE)	(4037) SOUTH ROAD, INSCH - Herd last tested clear from TB in 2020 - Currently on a 4 year TB testing interval - Member of SRUC Premium Cattle Health Scheme - Accredited free from BVD - Herd testing for BVD - Routinely vaccinating against BVD since 2021 - Using Bovela - Johnes Status Risk Level - 3	**200-202**
AJR FARMS (NEWLOGIE)	(9004) MILTON OF COLLIESTON, ELLON - Herd last tested clear from TB in 2019 - Currently on a 4 year TB testing interval - Member of SRUC Premium Cattle Health Scheme - Accredited free from BVD - Routinely vaccinating against BVD since 2021 - Using Bovilis BVD - Monitored free Lepto - Johnes Status Risk Level - 1	**194-196**
J IRVINE & SON (INVERLOCHY)	(2726) INVERLOCHY FARM, KIRKMICHAEL, TOMINTOUL - Herd last tested clear from TB in 2021 - Currently on a 1 year TB testing interval - Member of HI Health Herdcare (NE:Biobest) - Herd testing for BVD - Routinely vaccinating against BVD since 2021 - Using Bovilis BVD - Johnes Status Risk Level - 3	**185-186**
MR M J MASSIE (ELRICK)	(6835) MAINS OF ELRICK, AUCHNAGATT, ELLON - Herd last tested clear from TB in 2020 - Currently on a 4 year TB testing interval - Member of HI Health Herdcare (NE:Biobest) - Accredited free from BVD - Routinely vaccinating against BVD since 2021 - Using Bovilis BVD - Johnes Status Risk Level - 1	**203**

CHAROLAIS

Health Declarations Continued

		PENS
MR C M MCCOMBIE (AUCHINCRIEVE)	(3770) AUCHINCRIEVE, KNOCK, HUNTLY - Currently TB Exempt - Member of HI Health Herdcare (NE:Biobest) - Accredited free from BVD - Routinely vaccinating against BVD since 2021 - Using Bovilis BVD - Herd testing for IBR - Herd testing for Lepto - Johnes Status Risk Level - 1	**189-191**
MR R A MILNE (ELGIN)	(2253) KENNIES HILLOCK, LHANBRYDE, ELGIN - Herd last tested clear from TB in 2020 - Currently on a 4 year TB testing interval - Member of HI Health Herdcare (NE:Biobest) - Accredited free from BVD - Herd testing for BVD - Routinely vaccinating against BVD since 2021 - Using Bovilis BVD - Herd testing for Lepto - Routinely vaccinating against Lepto since 2021 - Using Leptavoid-H - Johnes Status Risk Level - 3	**192**
W PATTERSON & SON (AULTMORE)	(8504) UPPER FORGIE, AULTMORE, KEITH - Herd last tested clear from TB in 2018 - Currently on a 4 year TB testing interval - Member of HI Health Herdcare (NE:Biobest) - Accredited free from BVD - Routinely vaccinating against BVD since 2021 - Using Bovela - Johnes Status Risk Level - 2	**197**
MR C STUART (LETTOCH)	(8362) LETTOCH FARM, BRAES OF GLENLIVET, BALLINDALLOCH - Herd last tested clear from TB in 2021 - Currently on a 4 year TB testing interval Not in a Health Scheme - Routinely vaccinating against BVD since 2022 - Using Bovela	**193**
J A WILSON & SONS (KINCLUNE)	(2326) KINCLUNE, GLENKINDIE, ALFORD - Herd last tested clear from TB in 2022 - Currently on a 4 year TB testing interval - Member of HI Health Herdcare (NE:Biobest) - Herd testing for BVD - Routinely vaccinating against BVD since 2021 - Using Bovela - Routinely vaccinating against Lepto since 2021 - Using Leptavoid-H - Johnes Status Risk Level - 2	**178-182**

LIMOUSIN BULLS

Sale Herd Health Report

The pedigree, performance, DNA, health information and footnotes included in Society sale catalogues is as supplied by, or on behalf of the vendor. The responsibility for the accuracy of the information therefore rests solely with the vendor and not with the British Limousin Cattle Society Ltd (BLCS). It should be noted that the Estimated Breeding Values for all animals change over time, as new performance records come available. While the BLCS and Genesure Ltd seek to ensure that the information contained in catalogues is accurate at the time of printing in accordance with their terms and conditions, no warranty is given in respect thereof by the BLCS and, to the maximum extent permitted by law, the BLCS shall have no liability for any loss, damage or injury howsoever caused (including that caused by negligence) or suffered directly or indirectly in relation to information and opinions contained in or omitted from this publication. Genesure Ltd's liability is limited to the extent set out in its terms and conditions (a copy is available from the BLCS office upon request).

		PENS
Cruikshank, W F CLURY UK 500815	CLURY FARM, DULNAIN BRIDGE, INVERNESS - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 2 - Member of a CHeCS controlled health scheme for BVD & Johnes - Accredited free for BVD	**233-234**
Dick, R RONICK UK 542892	MAINS OF THROSK FARM, STIRLING - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 1 - Member of a CHeCS controlled health scheme for BVD & Johnes - Accredited free for BVD - Routinely vaccinating against BVD	**228-229**
Gammie, A & J WESTPIT UK 527854	DRUMFORBER, LAURENCEKIRK - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 2 - Member of a CHeCS controlled health scheme for Johnes - Accredited free for BVD - Routinely vaccinating against BVD & IBR & Lepto	**211-212**
Hunter, J K WEDDERBURN UK 521774	WEDDERBURN, HUNTLY - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 1 - Member of a CHeCS controlled health scheme for Johnes - Accredited free for BVD - Routinely vaccinating against BVD & Lepto	**235**
Massie, M J ELRICK UK 520735	MAINS OF ELRICK, AUCHNAGATT, ELLON - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 1 - Accredited free for BVD - Routinely vaccinating against BVD	**204**
Morrison, A & A MULDEARIE UK 522811	BUSH OF MULDEARIE, KEITH - Consigned from a 4-years TB testing interval holding - - Johne`s Risk Level1 - - Member of a CHeCS controlled health scheme for BVD & Johnes - - Accredited free for BVD - - Routinely vaccinating against BVD & Lepto -	**222-223**

LIMOUSIN BULLS

Sale Herd Health Report Cont.

		PENS
Penny, J SHANNAS UK 520782	SHANNAS, MINTLAW, PETERHEAD - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 1 - Member of a CHeCS controlled health scheme for BVD & Johnes - Accredited free for BVD - Routinely vaccinating against BVD	**205-207**
Robertson & Son, W FODDERLETTER UK 522637	FODDERLETTER FARMS, BALLINDALLOCH - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 2 - Member of a CHeCS controlled health scheme for BVD & Johnes - Accredited free for BVD - Routinely vaccinating against BVD	**208**
Walker, P A WALKERS UK 523060	EASTERSIDE, DUNNOTTAR, STONEHAVEN - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 4 - Member of a CHeCS controlled health scheme for BVD & Johnes - Accredited free for BVD - Routinely vaccinating against BVD	**224-227**

LIMOUSIN FEMALES

Sale Herd Health Report Cont.

Penny, J SHANNAS UK 520782	SHANNAS, MINTLAW, PETERHEAD - Consigned from a 4-years TB testing interval holding - Johne`s Risk Level 1 - Member of a CHeCS controlled health scheme for BVD & Johnes - Accredited free for BVD - Routinely vaccinating against BVD	**227-282**

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THE BRITISH SIMMENTAL CATTLE SOCIETY

Sale Herd Health Report Sale No: 371

PENS

Member Id: AND09
GEOFF & KATE ANDERSON
(QUARRYHILL)

(AND09) MYRESIDE FARM COTTAGE, MYRESIDE FARM, ELGIN **244**
- Herd last tested clear from TB in 2018
- Currently on a 4 year TB testing interval
- Member of SAC Premium Cattle Health Scheme
- Accredited free from BVD since 2012
- Routinely vaccinating against BVD - Using Bovilis BVD
- Compulsory BVD Vaccination Dates for Sale Animals - Males 06/08/21 and 08/09/21
- Herd testing and routinely vaccinating against Lepto - Using Leptavoid-H
- Johnes Status Risk Level - 1 ,since 2016

Member Id: BRU02
MESSRS C & M BRUCE
(TILLYEVE)

(BRU02) TILLYEVE, UDNY, ELLON **239-241**
- Herd last tested clear from TB in 2020
- Currently on a 4 year TB testing interval
- Member of HI Health
- Accredited free from BVD since 2009
- Routinely vaccinating against BVD - Using Bovilis BVD
- Compulsory BVD Vaccination Dates for Sale Animals - Males 11/05/21 and 16/06/21
- Routinely vaccinating against IBR - Using Rispoval IBR-Marker Activated
- Routinely vaccinating against Lepto - Using SPIROVAC
- Johnes Status Risk Level - 2

Declaration notes : BVD Booster Given 15/01/2022

Member Id: DEL04
DELFUR FARMS
(DELFUR)

(DEL04) C/O STEPHEN ALLAN, DUNDURCAS FARM HOUSE, ROTHES **249**
- Herd last tested clear from TB in 2019
- Currently on a 4 year TB testing interval
- Member of HI Health
- Accredited free from BVD
- Compulsory BVD Vaccination Dates for Sale Animals - Males 16/08/21 and 06/09/21
- Herd testing for IBR since 2021
- Herd testing for Lepto since 2020
- Johnes Status Risk Level - 1

Member Id: DUF03
HEATHER DUFF
(PITMUDIE)

(DUF03) PITMUDIE FARM, MENMUIR, BY BRECHIN **255-256**
- Herd last tested clear from TB in 2018
- Currently on a 4 year TB testing interval
- Member of SAC Premium Cattle Health Scheme
- Accredited free from BVD since 2016
- Routinely vaccinating against BVD - Using Bovela
- Compulsory BVD Vaccination Dates for Sale Animals - Males 12/05/21
- Johnes Status Risk Level - 2 ,since 2012

Member Id: GRE02
MR WJ & J GREEN
(CORSKIE)

(GRE02) M/S W J & J GREEN, CORSKIE, GARMOUTH, FOCHABERS **238**
- Herd last tested clear from TB in 2020
- Currently on a 4 year TB testing interval
- Member of HI Health
- Accredited free from BVD since 2012
- Routinely vaccinating against BVD - Using Bovilis BVD
- Compulsory BVD Vaccination Dates for Sale Animals - Males 28/06/21 and 28/07/21
- Routinely vaccinating against IBR - Using Rispoval IBR-Marker Inactivated
- Routinely vaccinating against Lepto - Using Leptavoid-H
- Johnes Status Risk Level - 1 ,since 2008

THE BRITISH SIMMENTAL CATTLE SOCIETY

Continued Sale Herd Health Report Sale No: 371

PENS

Member Id: HOU07 (HOU07) KIRTLETON HOUSE, WATERBECK, LOCKERBIE **236-237**

MR D C HOULDEY
(MANOR PARK)

- Herd last tested clear from TB in 2020
- Currently on a 4 year TB testing interval
- Member of SAC Premium Cattle Health Scheme
- Herd testing for BVD
- Show animals only
- Compulsory BVD Vaccination Dates for Sale Animals - Males 13/01/22 and 13/02/22
- Routinely vaccinating against IBR
- Johnes Status Risk Level - 2

Member Id: SIM14 (BACKMUIR) (SIM14) BACKMUIR FARM, KEITH, BANFFSHIRE **257-259**

REECE & ANDREW SIMMERS

- Herd last tested clear from TB in 2019
- Currently on a 4 year TB testing interval
- Member of HI Health
- Accredited free from BVD since 2018
- Routinely vaccinating against BVD - Using Bovela
- Compulsory BVD Vaccination Dates for Sale Animals - Males 30/11/21
- Routinely vaccinating against IBR - Using Rispoval IBR-Marker Activated
- Routinely vaccinating against Lepto
- Stock Cows and bulls vaccinated.
- Johnes Status Risk Level - 1 since 2020

Declaration notes : Confirmation of Johnes risk level pending

Member Id: SMI23 (BOSWELL) (SMI23) C/O DRUMSLEED, FORDOUN, LAURENCEKIRK **247**

MR D W SMITH

- Herd last tested clear from TB in 2019
- Currently on a 4 year TB testing interval
- Member of SAC Premium Cattle Health Scheme
- Accredited free from BVD since 2010
- Compulsory BVD Vaccination Dates for Sale Animals - Males 20/10/20 and 28/10/20
- Routinely vaccinating against IBR since 2008 (Females Only) - Using Rispoval IBR-Marker Inactivated
- Herd testing for Lepto since 2013
- Herd testing for Johnes since 2006
- Johnes Status Risk Level - 2

THE BRITISH SIMMENTAL CATTLE SOCIETY

Continued Sale Herd Health Report Sale No: 371

PENS

Member Id: SMI03 (SMI03) DRUMSLEED, FORDOUN, LAURENCEKIRK **248**

MR G W SMITH
(DRUMSLEED)

- Herd last tested clear from TB in 2019
- Currently on a 4 year TB testing interval
- Member of SAC Premium Cattle Health Scheme
- Accredited free from BVD since 2020
- Routinely vaccinating against BVD - Using Bovilis BVD
- Compulsory BVD Vaccination Dates for Sale Animals - Males 01/10/20 and 28/10/20
- Routinely vaccinating against IBR (Females Only) - Using Rispoval IBR-Marker Inactivated
- Accredited free from Lepto
- Johnes Status Risk Level - 2 ,since 2010

Declaration notes : Simmental herd has tested negative for Johnes since 2016

Member Id: STR02 (STR02) BERRYLEYS FARM, GRANGE, KEITH **250**

MR W S STRONACH
(ISLAVALE)

- Herd last tested clear from TB in 2018
- Currently on a 4 year TB testing interval
- Member of HI Health
- Accredited free from BVD since 2008
- Routinely vaccinating against BVD - Using Bovela
- Compulsory BVD Vaccination Dates for Sale Animals - Males 25/11/21
- Herd testing for IBR since 2014
- Routinely vaccinating against IBR (Females Only) - Using Rispoval IBR-Marker Inactivated
- Johnes Status Risk Level - 1 ,since 2008

Declaration notes : Sale animals are tested clear of IBR & vaccinated

Member Id: SUT05 (SUT05) CONNACHIE, KELLAS, ELGIN **245-246**

M/S A D SUTHERLAND & SONS
(GLENLOSSIE)

- Herd last tested clear from TB in 2020
- Currently on a 4 year TB testing interval
- Member of SAC Premium Cattle Health Scheme
- Accredited free from BVD since 2011
- Routinely vaccinating against BVD
- Using Bovilis BVD
- Compulsory BVD Vaccination Dates for Sale Animals - Males 30/11/21 and 30/12/21
- Routinely vaccinating against Lepto since 2011
- Using Leptavoid-H
- Johnes Status Risk Level - 2

THE ABERDEEN ANGUS CATTLE SOCIETY

Sale Herd Health Report

Sale No: 614 **Stud Prefix) Address**

		PENS
BALLINDALLOCH HOME FARMS (PER G MACPHERSON-GRANT ESQ) (BALLINDALLOCH)	BALLINDALLOCH HOME FARMS THE ESTATE OFFICE, BALLINDALLOCH - Herd last tested clear from TB in 2018 - Currently on a 4 year TB testing interval - Member of Biobest Herdcare - Accredited free from BVD - Herd testing for BVD - Routinely vaccinating against BVD - Accredited free from IBR - Herd testing for IBR - Accredited free from Lepto - Herd testing for Lepto - Johnes Risk Status Level 1	**261**
MESSRS N F MASSIE & SONS (BLELACK) (PER NEIL F MASSIE ESQ OBE)	BLELACK FARM, DINNET - Herd last tested clear from TB in 2020 - Currently on a 4 year TB testing interval - Member of Biobest Herdcare - Routinely vaccinating against BVD - see Biobest statement on official pen card.	**268-269**
KARL SCOTT ESQ (FOGGIE)	FOGGIE FARM, SOUTH BROWNHILL, TURRIFF - Herd last tested clear from TB in 2016 - Currently TB Exempt - Member of Biobest Herdcare - Accredited free from BVD - Herd testing for BVD - Routinely vaccinating against BVD - Herd testing for IBR - Accredited free from Lepto - Herd testing for Lepto - Johnes Risk Status Level 1	**266-267**
FIRM OF A M SHEPHERD	(ORBLISTON) ORBLISTON, FOCHABERS - Herd last tested clear from TB in 2020 - Currently on a 4 year TB testing interval - Member of SAC Premium Cattle Health Scheme - Accredited free from BVD - Routinely vaccinating against BVD - Johnes Risk Status Level 1	**260**

THE ABERDEEN ANGUS CATTLE SOCIETY

Sale Herd Health Report Continued

(Stud Prefix) Address **PENS**

NEIL A WATTIE ESQ MAINS OF TONLEY, ALFORD **263**
(TONLEY)
- Herd last tested clear from TB in 2019
- Currently on a 4 year TB testing interval
- Member of Biobest Herdcare
- Accredited free from BVD
- Routinely vaccinating against BVD
- Herd testing for IBR
- Herd testing for Lepto
- Johnes Risk Status Level 3

WENDY WILLOX BROADMYRE, CLATT, HUNTLY **262**
(STRATHINVER)
- Herd last tested clear from TB in 2020
- Currently on a 4 year TB testing interval
- Member of Biobest Herdcare
- Accredited free from BVD
- Herd testing for BVD
- Johnes Risk Status Level 1

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BEEF SHORTHORN

(Herd Health Declarations)

		PENS
A WATT (STRATHISLA)	BIRKENBURN, KEITH A member of SAC Premium Cattle Health Scheme TB – Date last tested clear – March 2019. Testing interval 4 years. BVD – Accredited, Herd Testing and Vaccinating Johnes risk level 1.	**271-272**
F DAVIDSON (FORDIE)	FORDIE BEEF SHORTHORNS, KIRKTON, MINTLAW A member of SAC Premium Cattle Health Scheme. TB – Exempt BVD – Accredited free from BVD. Herd Testing. Johnes risk level 1. Individually tested for Lepto and IBR on 25.11.21	**270**

Disclaimer: The health information above is as supplied by or on behalf of the breeder. The health status of individual animals may differ from the herd declaration. The responsibility for the accuracy of the information rests solely with the breeder and not The Beef Shorthorn Cattle Society, or Aberdeen & Northern Marts.

SALERS

(Herd Health Declarations)

		PENS
RIGEL PEDIGREE (RIGEL)	RIGEL PEDIGREE, LEVEN FIELDS, MIDDLETON ON LEVEN, YARM A member of Biobest Hi Health Herdcare. TB – Date last tested clear – March 2019. Testing interval 4 years. BVD – Accredited free since March 2010. Vaccinating with Bovilis. IBR – Testing and vaccinated with Bovilis IBR Marker. Lepto – Herd testing. Johnes risk level 1.	**274**
JACK SLEIGH & SONS LTD (TOLQUHON)	NEWSEAT OF TOLQUHON, TARVES A member of SAC Premium Cattle Health Scheme. TB – Date last tested clear 2018. Testing interval 4 years. BVD – Accredited free from BVD since 2012. Testing and vaccinating with Bovillis. Johnes risk level 1.	**273**

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CLASS 1: CHAROLAIS BULLS

Born on or after 15th March 2020 and before 9th May 2020

AJR FARMS **PEN: 194**

1 NEWLOGIE RASCAL (ET) **DNA Status: PV**

MBM0084572 **Born 15/03/2020** **UK521334702054**

Myostatin: F94L-1 , Q204X-1

gs. MAERDY DYNAMITE (MBM0037770)

Sire - MAERDY MORWR (MBM0071077)

gd. MAERDY FEE (MBF0050130)

gs. DERRYHARNEY OUTSTANDING (MF0087935)

Dam - NEWRODDIGE DELIGHTFULL (MBF0038329)

gd. ALWENT SPARROWHAWK (MBF0002263)

NOTES: Semen tested and vet checked.

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-9.5	-3.7	+2.3	+4.4	+27	+42	+56	+6
Accuracy	41%	39%	46%	55%	53%	51%	49%	40%
CH EBV Ratio	**78**	**93**	**86**	**83**	**96**	**92**	**98**	**91**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.0	+38	+2.8	-0.4	+1.1	-0.2	**+33**	**+25**
Accuracy	46%	43%	35%	40%	38%	34%	-	-
CH EBV Ratio	**102**		**90**	**100**	**96**		**77**	**72**

J A WILSON & SONS **PEN: 178**

2 KINCLUNE RUFUS **DNA Status: PV**

MBM0083187 **Born 29/03/2020** **UK520436400962**

Myostatin: F94L-0 , Q204X-0

gs. BLELACK DIGGER (MBM0038543)

Sire - GOLDIES LAD (MBM0066835)

gd. GOLDIES HAREBELL (MBF0059067)

gs. GOLDIES IVAN (MBM0059328)

Dam - KINCLUNE NORA (MBF0076757)

gd. KINCLUNE IZZY (MBF0061429)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-0.3	+0.3	+1.3	+4.0	+35	+58	+65	+13
Accuracy	47%	41%	44%	72%	64%	64%	71%	33%
CH EBV Ratio	**96**	**102**	**96**	**87**	**110**	**108**	**105**	**112**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+1.5	+48	+3.3	-0.3	+1.3	-0.1	**+49**	**+53**
Accuracy	68%	57%	46%	54%	50%	42%	-	-
CH EBV Ratio	**134**		**97**	**103**	**100**		**105**	**116**

MR R A MILNE **PEN: 192**

3 ELGIN ROBOCOP **DNA Status: PV**

MBM0083050 **Born 01/04/2020** **UK523358302493**

Myostatin: F94L-1 , Q204X-0

gs. ROSANNA JUPITER (MBMI0000803)

Sire - CAYLERS NOAH (MBM0072185)

gd. CAYLERS FUDGE (MBF0050303)

gs. WOODPARK ELGIN (MBM0043607)

Dam - ELGIN MEGAN (MBF0074622)

gd. ELGIN GALAXY (MBF0052925)

NOTES: Sire - Caylers Noah is breeding exceptionally well wilth his first string of bulls selling to a top of 11,000gn in October 2021

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-4.2	-7.4	+1.5	+4.0	+34	+51	+57	+4
Accuracy	40%	34%	46%	69%	67%	67%	61%	34%
CH EBV Ratio	**88**	**84**	**94**	**87**	**107**	**101**	**99**	**87**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.8	+43	+3.2	+0.6	+0.9	+0.0	**+40**	**+42**
Accuracy	67%	54%	42%	51%	48%	40%	-	-
CH EBV Ratio	**119**		**96**	**129**	**91**		**89**	**99**

J A WILSON & SONS **PEN: 179**

4 KINCLUNE ROSCO **DNA Status: SV**

MBM0083186 **Born 01/04/2020** **UK520436600964**

Myostatin: F94L-0 , Q204X-1

gs. BALMYLE ADDITION (MBM0019125)

Sire - HARESTONE NIGHTHAWK (ET) (MBM0075971)

gd. HARESTONE BRIGITTE (ET) (MBF0026913)

gs. THRUNTON CROWNPRINCE (MBM0032196)

Dam - KINCLUNE JENICA (MBF0065352)

gd. KINCLUNE DELHIA (MBF0040164)

Sire change - updated EBVs will be available online

MR M J MASSIE **PEN: 203**

5 ELRICK ROYAL **DNA Status: SV**

MBM0083070 **Born 02/04/2020** **UK520735701444**

Myostatin: F94L-0 , Q204X-0

gs. UTRECHT (1822543214)

Sire - MAERDY GOUVERNEUR (MBMI0000758)

gd. REINE (0310030012)

gs. THRUNTON FEARLESS (MBM0046310)

Dam - ELRICK JACKIE (MBF0064971)

gd. ELRICK BRITNEY (MBF0027999)

NOTES: Royal's sire has proven to be very easy calving and has bred numerous five figure bulls. Full brother sold for 6,000gn February 2021

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+1.4	+0.1	+0.5	+1.7	+27	+59	+65	+10
Accuracy	46%	38%	47%	71%	65%	66%	61%	38%
CH EBV Ratio	**99**	**102**	**104**	**109**	**96**	**109**	**105**	**103**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.5	+52	+3.0	+0.2	+0.4	+0.3	**+46**	**+48**
Accuracy	63%	53%	41%	47%	45%	37%	-	-
CH EBV Ratio	**113**		**93**	**118**	**80**		**99**	**109**

J A WILSON & SONS **PEN: 180**

6 KINCLUNE ROCCO **DNA Status: PV**

MBM0083184 **Born 05/04/2020** **UK520436300968**

Myostatin: F94L-0 , Q204X-0

gs. BALMYLE ADDITION (MBM0019125)

Sire - HARESTONE NIGHTHAWK (ET) (MBM0075971)

gd. HARESTONE BRIGITTE (ET) (MBF0026913)

gs. BEECHTREE GEORGE (MBM0048972)

Dam - KINCLUNE MOLLY (MBF0073155)

gd. KINCLUNE HAWTHORN (MBF0056965)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-8.1	-3.5	+2.0	+4.9	+36	+60	+67	+14
Accuracy	44%	39%	40%	71%	62%	62%	70%	30%
CH EBV Ratio	**81**	**93**	**89**	**78**	**112**	**111**	**106**	**113**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	-0.5	+46	+2.8	+0.3	+0.3	+0.4	**+38**	**+37**
Accuracy	65%	54%	41%	49%	45%	37%	-	-
CH EBV Ratio	**92**		**90**	**120**	**78**		**86**	**91**

J A WILSON & SONS **PEN: 181**

7 KINCLUNE ROGER **DNA Status: SV**

MBM0083183 **Born 07/04/2020** **UK520436400969**

Myostatin: F94L-1 , Q204X-0

gs. BLELACK DIGGER (MBM0038543)

Sire - GOLDIES LAD (MBM0066835)

gd. GOLDIES HAREBELL (MBF0059067)

gs. BEECHTREE GEORGE (MBM0048972)

Dam - KINCLUNE LANA (MBF0068740)

gd. KINCLUNE HAZEL (MBF0056723)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+8.3	+0.5	+1.6	+2.6	+29	+49	+58	+12
Accuracy	48%	43%	43%	72%	64%	64%	71%	32%
CH EBV Ratio	**112**	**103**	**93**	**100**	**99**	**99**	**100**	**108**

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.8	+47	+4.0	-0.4	+1.5	-0.1	**+52**	**+51**
Accuracy	66%	56%	45%	53%	49%	42%	-	-
CH EBV Ratio	**119**		**107**	**100**	**104**		**110**	**113**

MR C STUART **PEN: 193**

8 LETTOCH RINNES **DNA Status: Pending**

MBM0083543 **Born 27/04/2020** **UK522614101612**

Myostatin: Result Pending

gs. BLELACK FORESTER (MBM0045702)

Sire - BALTHAYOCK IMPERIAL (MBM0058011)

gd. BALTHAYOCK DRACHMA (MBF0041372)

gs. KILLADEAS DWANE (MBM0037512)

Dam - LETTOCH MARCI (MBF0075218)

gd. UGIE GISELDA (MBF0054703)

NOTES: Rinnes is the son of the 11,000gns Senior Champion at Stirling. Balthayock Imperial who also sired the three young bulls we sold at The Spring Show in 2020 which averaged 5,666gns. Rinnes is a very correct bull with a great temperament.

MR C M MCCOMBIE **PEN: 189**

9 AUCHINCRIEVE RONALDO **DNA Status: PV**

MBM0086856 **Born 02/05/2020** **UK522860402632**

Myostatin: F94L-0 , Q204X-1

gs. WESTCARSE HOUDINI (MBM0053095)

Sire - MORNITY NIMBUS (MBM0072703)

gd. MORNITY DILLY (MBF0041516)

gs. OLRIG HIGHWAYMAN (MBM0052833)

Dam - AUCHINCRIEVE MARYLOU (MBF0072930)

gd. BLELACK FRAN (MBF0048685)

NOTES: Son of the 10k Mornity Nimbus

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+6.0	-1.0	+1.0	+2.5	+33	+65	+70	+13
Accuracy	33%	29%	39%	67%	59%	63%	57%	32%
CH EBV Ratio	**108**	**99**	**99**	**101**	**107**	**116**	**109**	**112**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.1	+58	+4.8	-0.3	+1.5	+0.3	**+59**	**+60**
Accuracy	62%	50%	40%	47%	44%	35%	-	-
CH EBV Ratio	**104**		**118**	**103**	**104**		**122**	**127**

CHAMPION CHAROLAIS BULL
RESERVE CHAROLAIS BULL

CLASS 2: CHAROLAIS BULLS

Born on or after 9th May 2020

J A WILSON & SONS **PEN: 182**

10 KINCLUNE ROBERTO **DNA Status: SV**

MBM0083595 **Born 09/05/2020** **UK520436400983**

Myostatin: F94L-0 , Q204X-0

gs. BALMYLE ADDITION (MBM0019125)

Sire - HARESTONE NIGHTHAWK (ET) (MBM0075971)

gd. HARESTONE BRIGITTE (ET) (MBF0026913)

gs. BEECHTREE GEORGE (MBM0048972)

Dam - KINCLUNE LULU (MBF0070094)

gd. KINCLUNE EMPRESS (MBF0044389)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+3.3	+1.1	+1.2	+3.8	+33	+54	+65	+13
Accuracy	43%	38%	40%	71%	62%	61%	69%	30%
CH EBV Ratio	**103**	**104**	**97**	**88**	**106**	**105**	**105**	**110**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	-0.4	+46	+2.6	-0.2	+0.7	+0.2	**+48**	**+42**
Accuracy	64%	53%	42%	49%	45%	36%	-	-
CH EBV Ratio	**94**		**88**	**106**	**87**		**103**	**99**

MR C M MCCOMBIE **PEN: 190**

11 AUCHINCRIEVE RIVALDO **DNA Status: Pending**

MBM0086072 **Born 11/05/2020** **UK522860502640**

Myostatin: Result Pending

gs. OLRIG HIGHWAYMAN (MBM0052833)

Sire - AUCHINCRIEVE MANHATTAN (MBM0069663)

gd. AUCHINCRIEVE GAGA (MBF0053645)

gs. BALBITHAN VESPASIAN (MBM0018427)

Dam - AUCHINCRIEVE INSTAGRAM (MBF0062950)

gd. AUCHINCRIEVE DEEDEE (MBF0038920)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+1.0	-1.8	+1.1	+3.1	+32	+55	+59	+3
Accuracy	31%	28%	41%	66%	58%	62%	56%	30%
CH EBV Ratio	**98**	**97**	**98**	**95**	**105**	**105**	**100**	**85**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.0	+46	+2.7	-0.5	+1.0	-0.2	**+44**	**+42**
Accuracy	61%	47%	38%	45%	42%	34%	-	-
CH EBV Ratio	**102**		**89**	**97**	**93**		**96**	**99**

AJR FARMS **PEN: 195**

12 NEWLOGIE RENOWN (ET) **DNA Status: PV**

MBM0084644 **Born 24/05/2020** **UK521334602102**

Myostatin: F94L-2 , Q204X-0

gs. MAERDY DYNAMITE (MBM0037770)

Sire - MAERDY MORWR (MBM0071077)

gd. MAERDY FEE (MBF0050130)

gs. UNIVERS-RA (MBMI0000633)

Dam - NEWLOGIE OHDREAM (MBFI0001240)

gd. HARMONIE (FR5629579731)

NOTES: Semen tested and vet checked.

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-1.0	-3.3	+1.0	+3.5	+27	+41	+54	+9
Accuracy	30%	26%	38%	59%	49%	45%	44%	26%
CH EBV Ratio	**94**	**94**	**99**	**91**	**97**	**91**	**96**	**99**

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Re-placing Index**
EBVs	-0.5	+38	+2.8	-0.5	+1.3	-0.1	**+41**	**+32**
Accuracy	37%	34%	27%	31%	29%	26%	-	-
CH EBV Ratio	**92**		**90**	**97**	**100**		**91**	**83**

J IRVINE & SON **PEN: 185**

13 INVERLOCHY ROMEO **DNA Status: PV**

MBM0086922 **Born 25/05/2020** **UK522636401428**

Myostatin: F94L-0 , Q204X-0

gs. ROSANNA JUPITER (MBMI0000803)

Sire - CAYLERS NAPOLEON (MBM0075638)

gd. CAYLERS FUCHSIA (MBF0047397)

gs. BLELACK GIGGSEY (MBM0050441)

Dam - BALLINDALLOCH NORA (MBF0078580)

gd. BALLINDALLOCH EMBER (MBF0045913)

NOTES: Romeo is a heifer's calf. Sire: Caylers' Napoleon (leaving easy calved calves)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-0.1	+2.2	+1.5	+2.6	+31	+57	+66	+7
Accuracy	38%	33%	48%	65%	55%	51%	50%	29%
CH EBV Ratio	**96**	**107**	**94**	**100**	**103**	**107**	**106**	**94**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.8	+51	+3.5	-0.4	+1.1	-0.1	**+49**	**+49**
Accuracy	42%	38%	28%	34%	32%	27%	-	-
CH EBV Ratio	**119**		**100**	**100**	**96**		**105**	**110**

MR C M MCCOMBIE **PEN: 191**

14 AUCHINCRIEVE ROADHOUSE **DNA Status: SV**

MBM0083962 **Born 26/05/2020** **UK522860102657**

Myostatin: F94L-0 , Q204X-0

gs. OLRIG HIGHWAYMAN (MBM0052833)

Sire - AUCHINCRIEVE MANHATTAN (MBM0069663)

gd. AUCHINCRIEVE GAGA (MBF0053645)

gs. BALBITHAN VESPASIAN (MBM0018427)

Dam - AUCHINCRIEVE JANET (MBF0064409)

gd. ELRICK FRAGRANT (MBF0047898)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-3.7	-2.8	+1.1	+5.5	+39	+54	+64	+5
Accuracy	32%	29%	42%	66%	58%	62%	57%	33%
CH EBV Ratio	**89**	**95**	**98**	**72**	**116**	**105**	**105**	**90**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.1	+42	+2.3	+0.2	+0.6	-0.1	**+42**	**+37**
Accuracy	61%	49%	38%	45%	42%	34%	-	-
CH EBV Ratio	**104**		**83**	**118**	**85**		**93**	**91**

MR S A ALLAN **PEN: 183**

15 INVERDEN RAMBO **DNA Status: SV**

MBM0084041 **Born 01/06/2020** **UK529792100050**

Myostatin: F94L-1 , Q204X-0

gs. BALMYLE ADDITION (MBM0019125)

Sire - HARESTONE NIGHTHAWK (ET) (MBM0075971)

gd. HARESTONE BRIGITTE (ET) (MBF0026913)

gs. BEECHTREE GEORGE (MBM0048972)

Dam - INVERDEN LADY (MBF0069770)

gd. KINCLUNE GIFT (MBF0055479)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-1.0	-1.8	+1.3	+3.1	+29	+48	+52	+13
Accuracy	42%	37%	38%	65%	57%	57%	63%	30%
CH EBV Ratio	**94**	**97**	**96**	**95**	**99**	**98**	**95**	**110**

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	-0.6	+43	+3.6	-0.3	+1.3	+0.1	**+41**	**+40**
Accuracy	59%	49%	38%	45%	42%	34%	-	-
CH EBV Ratio	**89**		**101**	**103**	**100**		**91**	**96**

J IRVINE & SON **PEN: 186**

16 INVERLOCHY ROCKSTAR **DNA Status: PV**

MBM0085246 **Born 14/06/2020** **UK522636501436**

Myostatin: F94L-0 , Q204X-1

gs. ROSANNA JUPITER (MBMI0000803)

Sire - CAYLERS NAPOLEON (MBM0075638)

gd. CAYLERS FUCHSIA (MBF0047397)

gs. BALLINDALLOCH DEEJAY (MBM0039101)

Dam - CONVAL HANNA (MBF0057056)

gd. CONVAL DAVIS (MBF0039389)

NOTES: Rockstar is one of our best Napolean calves to date. Sire: Caylers' Napoleon (leaving easy calved calves)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-4.6	+0.2	+2.5	+4.3	+33	+56	+67	+6
Accuracy	35%	29%	44%	64%	63%	63%	57%	30%
CH EBV Ratio	**88**	**102**	**84**	**84**	**107**	**106**	**107**	**93**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.0	+48	+3.8	-0.7	+1.5	-0.4	**+47**	**+42**
Accuracy	65%	49%	38%	45%	42%	33%	-	-
CH EBV Ratio	**102**		**104**	**91**	**104**		**101**	**99**

W PATTERSON & SON **PEN: 197**

17 AULTMORE REPUTATION **DNA Status: SV**

MBM0088221 **Born 12/07/2020** **UK522774703373**

Myostatin: F94L-0 , Q204X-1

gs. BLELACK DIGGER (MBM0038543)

Sire - BLELACK IMMACULATE (MBM0059916)

gd. BLELACK GRETEL (MBF0052440)

gs. AULTMORE GLADIATOR (MBM0048721)

Dam - AULTMORE LASSIE (ET) (MBF0068754)

gd. THRUNTON CAMPION (MBF0034254)

NOTES: Reputation is a very smart, correct bull from a very easy calving line with a great temperament. Aultmore Phantom (Maternal brother) sold for 10,000gns February 2021

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+6.3	-3.8	+0.9	+2.4	+36	+56	+69	+13
Accuracy								
CH EBV Ratio								
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.4	+57	+4.5	-1.0	+2.1	-0.3	**+61**	**+55**
Accuracy								
CH EBV Ratio								
Change to Sire, Mid- Point EBVs for guidance only, Full EBVs available Online after the next BLUP run at the start of March.								

R & N BARCLAY **PEN: 200**

18 HARESTONE ROCKSTAR **DNA Status: PV**

MBM0084470 **Born 03/08/2020** **UK521516202392**

Myostatin: F94L-1 , Q204X-1

gs. BALTHAYOCK FERDINAND (ET) (MBM0045811)

Sire - BALTHAYOCK MINSTREL (MBM0069857)

gd. BALTHAYOCK GEM (MBF0051491)

gs. THRUNTON FEARLESS (MBM0046310)

Dam - HARESTONE MUSK (ET) (MBF0078720)

gd. ALLANFAULD BANDANA (MBF0026639)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-2.2	-0.3	+0.7	+2.5	+34	+58	+64	+11
Accuracy	43%	36%	44%	69%	63%	66%	61%	36%
CH EBV Ratio	**92**	**101**	**102**	**101**	**107**	**108**	**104**	**106**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.3	+50	+4.1	+0.0	+0.9	+0.0	**+46**	**+50**
Accuracy	48%	53%	37%	43%	41%	37%	-	-
CH EBV Ratio	**108**		**108**	**112**	**91**		**99**	**112**

R & N BARCLAY **PEN: 201**

19 HARESTONE ROYALBLEND **DNA Status: PV**

MBM0084896 **Born 03/10/2020** **UK521516702509**

Myostatin: F94L-0 , Q204X-0

gs. HOUBLON (FR7121762462)

Sire - HARESTONE JAQUARD (MBMI0000934)

gd. ECOSSAISE (FR5812509279)

gs. THRUNTON FEARLESS (MBM0046310)

Dam - HARESTONE NATASHA (MBF0075630)

gd. HARESTONE ELLENOR (MBF0042224)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-20.0	+2.3	+2.2	+4.5	+34	+52	+71	+16
Accuracy	41%	33%	43%	71%	63%	66%	59%	28%
CH EBV Ratio	**58**	**107**	**87**	**82**	**109**	**102**	**110**	**118**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.7	+48	+3.5	+0.2	+1.1	-0.2	**+28**	**+29**
Accuracy	63%	51%	39%	48%	44%	37%	-	-
CH EBV Ratio	**117**		**100**	**118**	**96**		**68**	**79**

MR S A ALLAN **FOR SALE ONLY** **PEN: 184**

20 INVERDEN ROCKET **DNA Status: PV**

MBM0084241 **Born 20/02/2020** **UK529792500047**

Myostatin: F94L-0 , Q204X-0

gs. BLELACK DIGGER (MBM0038543)

Sire - GOLDIES LAD (MBM0066835)

gd. GOLDIES HAREBELL (MBF0059067)

gs. BEECHTREE GEORGE (MBM0048972)

Dam - INVERDEN MALADY (MBF0073462)

gd. KINCLUNE GIFT (MBF0055479)

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+8.7	-0.6	+1.5	+2.9	+30	+50	+61	+12
Accuracy	45%	40%	38%	55%	48%	48%	47%	32%
CH EBV Ratio	**113**	**100**	**94**	**97**	**102**	**101**	**102**	**107**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.7	+48	+3.9	-0.2	+1.4	+0.0	**+54**	**+51**
Accuracy	44%	40%	34%	39%	37%	34%	-	-
CH EBV Ratio	**117**		**106**	**106**	**102**		**113**	**113**

R & N BARCLAY **FOR SALE ONLY** **PEN: 202**

21 HARESTONE REDSTAR **DNA Status: SV**

MBMI0001095 **Born 01/01/2020** **FR7122130725**

Myostatin: F94L-0 , Q204X-0

gs. INDOU PP (FR3615364745)

Sire - PENTERVIN MUST PP (MBMI0000980)

gd. ILLUSION (FR3615373080)

gs. ESPOIR (2145189214)

Dam - IMAGE (7121643760)

gd. DEAUVILLE (7121648811)

PA tested non-carrier

AJR FARMS **FOR SALE ONLY** **PEN: 196**

22 NEWLOGIE PRESIDENT (P) **DNA Status: PV**

MBM0081398 **Born 31/08/2019** **UK521334101985**

Myostatin: F94L-1 , Q204X-1

gs. MAERDY DYNAMITE (MBM0037770)

Sire - MAERDY MORWR (MBM0071077)

gd. MAERDY FEE (MBF0050130)

gs. UNICO SC (SEMEN ONLY) (MBMI0000583)

Dam - TUTBURY NOELLA (P) (MBF0075652)

gd. NEWRODDIGE JAZMIN (MBF0064681)

NOTES: Semen tested and vet checked.

	February 2022 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	-8.2	-7.4	+2.8	+3.9	+25	+46	+58	+5
Accuracy	38%	33%	48%	65%	64%	63%	58%	33%
CH EBV Ratio	**81**	**84**	**81**	**88**	**92**	**96**	**99**	**90**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.0	+41	+2.6	-0.4	+1.0	+0.2	**+35**	**+27**
Accuracy	65%	50%	40%	47%	44%	36%	-	-
CH EBV Ratio	**102**		**88**	**100**	**93**		**80**	**75**

CLASS 3: LIMOUSIN BULLS

Born on or after 24th March 2020 and before 24th April 2020

Lot 23 MR W F CRUIKSHANK **PEN 233**

CLURY RONAN

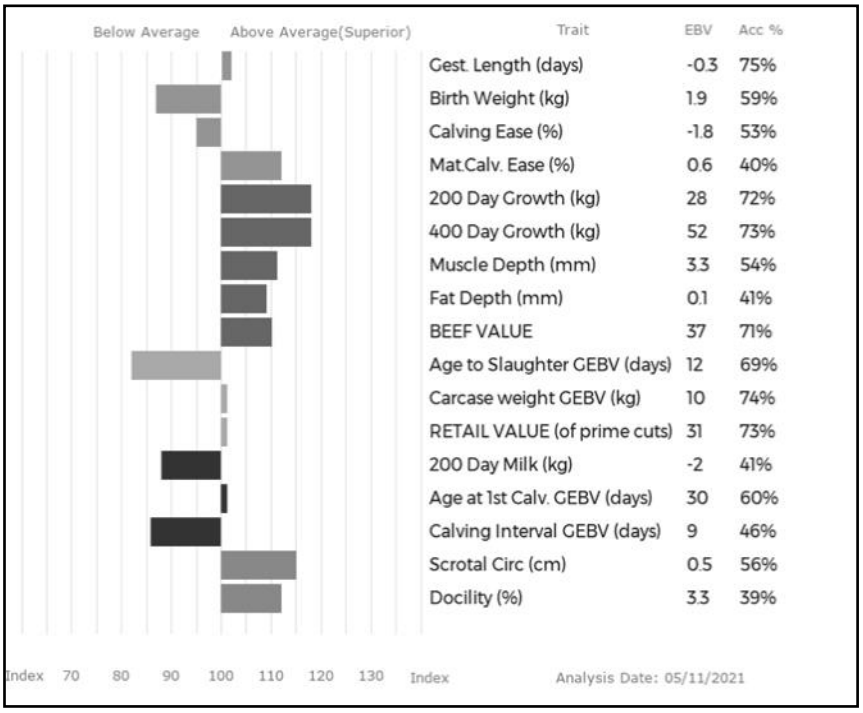
Born 24/03/2020 **CJR20-2080** **UK 500815/202080**

Natural Calf

Myostatin: F94L/Q204X Gen. Colour: not tested Polled: not tested

gs. GOLDIES COMET GS07-954	ggs. WILODGE VANTASTIC WEY04-037
Sire GLENROCK MATRIX IE16-1268	ggd. GOLDIES VITALITY GS04-613
gd. GLENROCK SPANGLE IE01-155	ggs. KYPE INTERROGATE CAQ93-023
	ggd. RACHELS LESLEY WT95-780
gs. ELRICK HANDSOME MNU12-023	ggs. CRAIGATOKE DUNDEE CDZ08-005
Dam CLURY LISA CJR15-1552	ggd. ELRICK EMILY MNU09-020
gd. CLURY CARNATION CJR07-027	ggs. TAHITIEN 19-31-659-924
	ggd. LUMBYLAW TOPAZ OA02-204

NOTES: Glenrock Matrix (sire) is full brother to £125,000 Glenrock Illusion and Inferno who is breeding very well at Logierait.



Adjusted	Wts(kg)
100	178
200	322
300	502
400	694
500	862
Scanned	NO

Lot MR W F CRUIKSHANK **PEN 234**

24 CLURY ROBIN

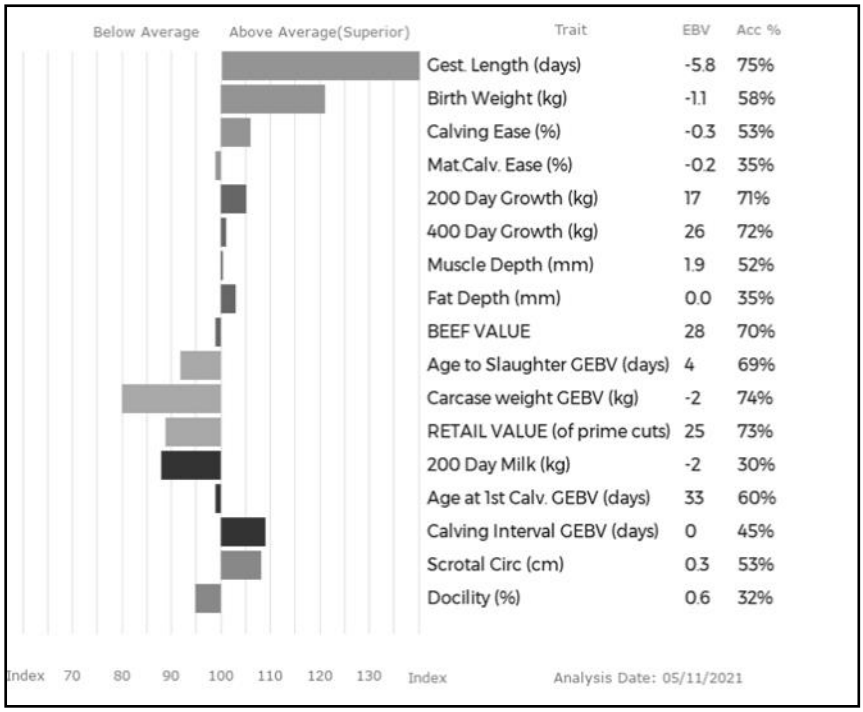
Born 30/03/2020 **CJR20-2084** **UK 500815/602084**

Natural Calf

Myostatin: F94L/F94L Gen. Colour: not tested Polled: not tested

	gs. CORREZE 19-32-749-881	ggs. OBJAT 19-30-299-413
Sire	**LARRY 36-15-355-934**	ggd. VEDETTE 19-31-939-408
	gd. IDEALE 36-15-353-543	ggs. FUREURBEN 36-12-040-584
		ggd. BROCHETTE 36-15-027-000
	gs. RAHONEY GEOFFREY MDS11-011	ggs. WILODGE CERBERUS WEY07-010
Dam	**CLURY JOY CJR14-1457**	ggd. RAHONEY ABIGAIL MDS05-002
	gd. CHEKI 87-23-741-406	ggs. AROME 19-31-999-953
		ggd. VITTEL 87-23-741-007

NOTES: His sire Larry is very easy calving and short gestation, ideal for using on heifers



Adjusted	Wts(kg)
100	193
200	352
300	505
400	680
500	837
Scanned	NO

Lot MR W ROBERTSON & SON **PEN 208**

25 FODDERLETTER RAPHAEL

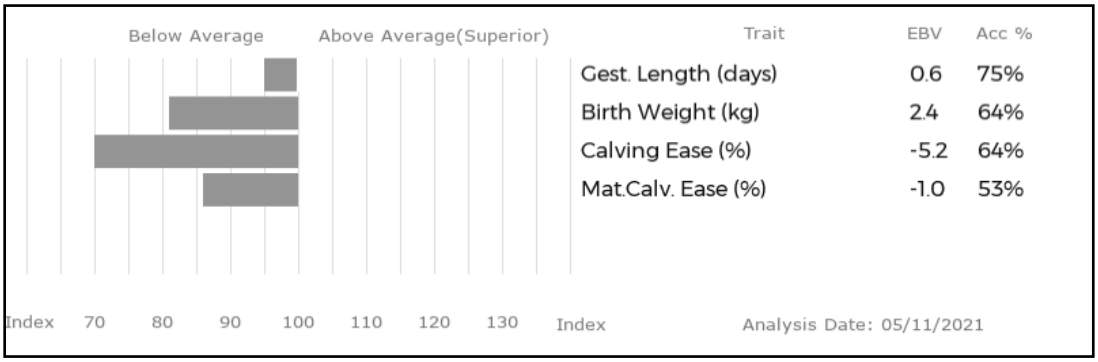
Born 01/04/2020 **RFV20-1875** **UK 522637/101875**

Got by AI Natural Calf

Myostatin: F94L/NT821 Gen. Colour: not tested Polled: not tested

gs. REQUIN 36-15-031-134	ggs. JACOT 36-94-005-555
Sire NETHERHALL JACKPOT KCI14-1911	ggd. MARIOLLE 36-96-011-412
gd. CLOUGHHEAD AINSI HCX05-356	ggs. SAIGA 43-01-067-075
	ggd. CLOUGHHEAD SACHA HCX01-146
gs. GOLDIES FORTRESS GS10-1148	ggs. WILODGE VANTASTIC WEY04-037
Dam GOLDIES NELL GS17-1754	ggd. GOLDIES BEAUTY GS06-689
gd. GOLDIES JODIE GS14-1452	ggs. AMPERTAINE GIGOLO MGD11-051
	ggd. GOLDIES FAVOURITE GS10-1082

NOTES: Raphael is a heifer's calf. Goldies Nell (dam) was successfully shown as a heifer and is one of the favourite cows in the herd.



Lot A & A MORRISON **PEN 222**

26 MULDEARIE RONALDO

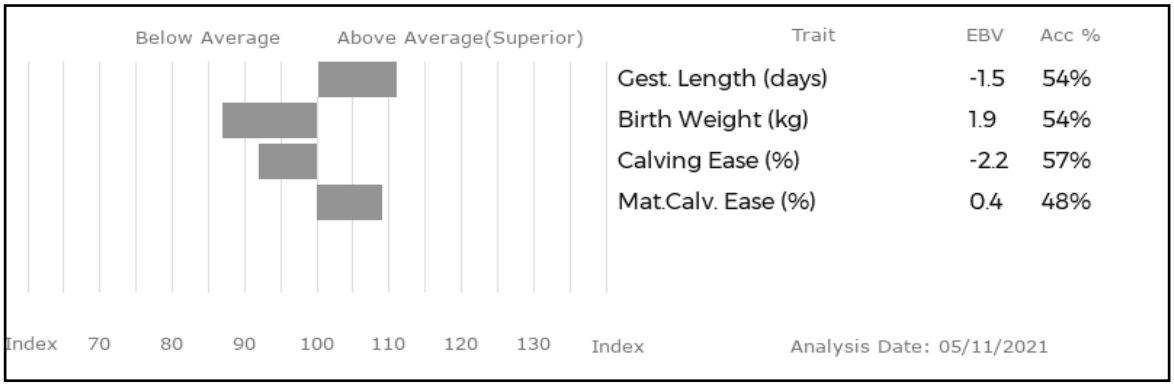
Born 10/04/2020 **QDM20-0762** **UK 522811/300762**

Natural Calf

Myostatin: Awaiting result Gen. Colour: not tested Polled: not tested

gs. WILODGE VANTASTIC WEY04-037	ggs. WILODGE TONKA WEY02-002
Sire FOXHILLFARM IMPECABULL AGX13-005	ggd. RAVENELLE 23-51-224-583
gd. BANKDALE ALICE WLJ05-091	ggs. SYMPA 48-01-006-969
	ggd. PRINCESSE 87-08-920-187
gs. MULDEARIE IRONMAN QDM13-001	ggs. HALTCLIFFE UNDERWRITER RP03-003
Dam MULDEARIE LIMITEDEDITION QDM15-003	ggd. WHITELUMS FLEUR IT10-008
gd. SPRINGWOOD BIJOU LEL06-008	ggs. RINGWAY NORMAN HCY97-049
	ggd. SPRINGWOOD SNAGS LEL01-003

NOTE: Fertility tested. Son of Foxhillfarm Impecabull. His mother is a very consistent breeder.



Lot MR J K HUNTER **PEN 235**

27 WEDDERBURN RUDEBOY

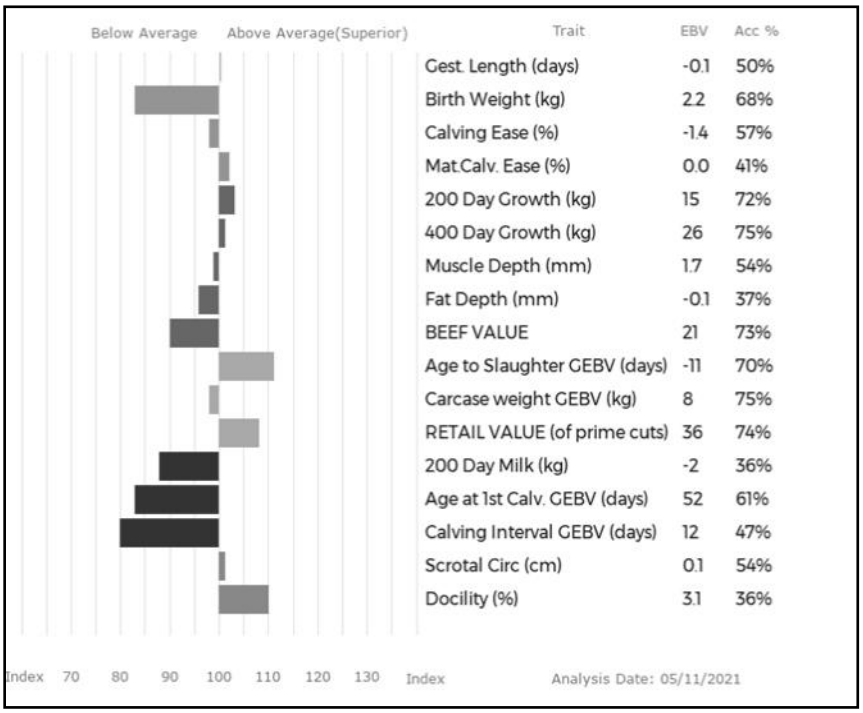
Born 19/04/2020 **HBV20-1060** **UK 521774/201060**

Natural Calf

Myostatin: F94L/F94L Gen. Colour: not tested Polled: not tested

gs. FOXHILLFARM JASPER AGX14-034	ggs. LOOSEBEARE FANTASTIC QA10-074
Sire WESTPIT OLLIE GAZ18-0173	ggd. BANKDALE ALICE WLJ05-091
gd. BROCKHURST HOLY MFX12-1452	ggs. WILODGE VANTASTIC WEY04-037
	ggd. BROCKHURST BOLSHOI MFX06-755
gs. NEWHOUSE BANNOCKBURN AC06-566	ggs. KYPE VANDAMME CAQ04-045
Dam WEDDERBURN GRACE HBV11-004	ggd. NEWHOUSE UNIQUE AC03-347
gd. WEDDERBURN RHAPSODY HBV00-028	ggs. SOFTLAW IMPRESSIVE RAC93-219
	ggd. WEDDERBURN DEMELZA HBVD-004

NOTES: Wedderburn Rudeboy is from a very easy calving line. He has successfully served a cow and she is scanned in calf.



Adjusted	Wts(kg)
100	194
200	340
300	483
400	635
500	782
Scanned	NO

Lot MR & MRS J PENNY **PEN 205**

28 SHANNAS RACY

Born 20/04/2020 **PAS20-2698** **UK 520782/502698**

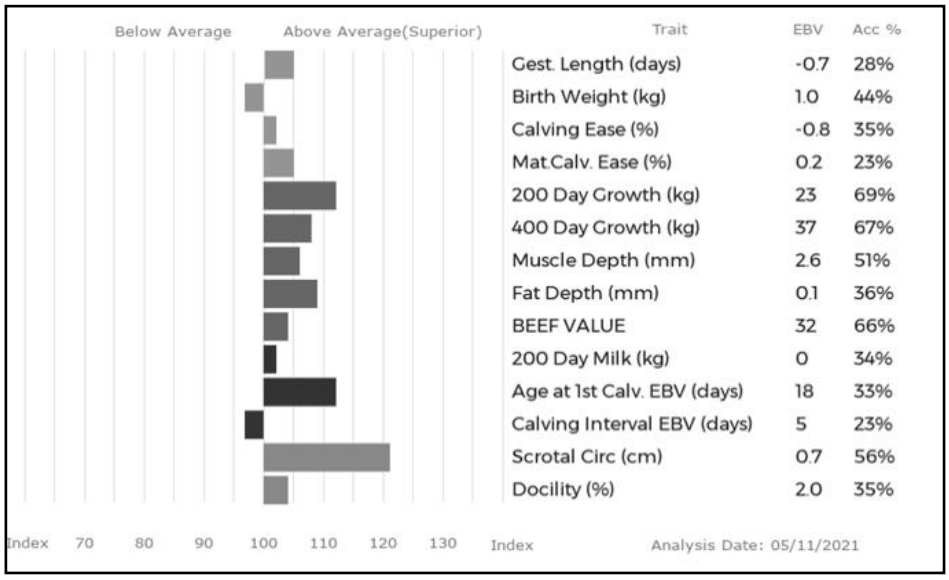
Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. ALAGILS INKERMAN MWF13-0240
Sire SHANNAS MAGNATE PAS16-2184
gd. SHANNAS ISCA PAS13-1905

gs. SHANNAS FLOYD PAS10-839
Dam SHANNAS JANILLA PAS14-1985
gd. SHANNAS VANILLA PAS04-326

ggs. VAGABOND 24-24-484-782
ggd. ALAGILS DIXIECHICK MWF08-075
ggs. CRAIGATOKE BART CDZ06-009
ggd. SHANNAS TOSCA PAS02-255
ggs. DYKE THUNDER MJF02-010
ggd. SHANNAS ADELINE PAS05-436
ggs. PROCTERS ROCCO PFD00-066
ggd. SHANNAS SAFFRON PAS01-194



Adjusted	Wts(kg)
100	207
200	373
300	508
400	0
500	0
Scanned	NO

CHAMPION LIMOUSIN BULL
RESERVE LIMOUSIN BULL

Lot MR & MRS J PENNY **PEN 206**

29 SHANNAS RUMPOLE

Born 23/04/2020 **PAS20-2715** **UK 520782/102715**

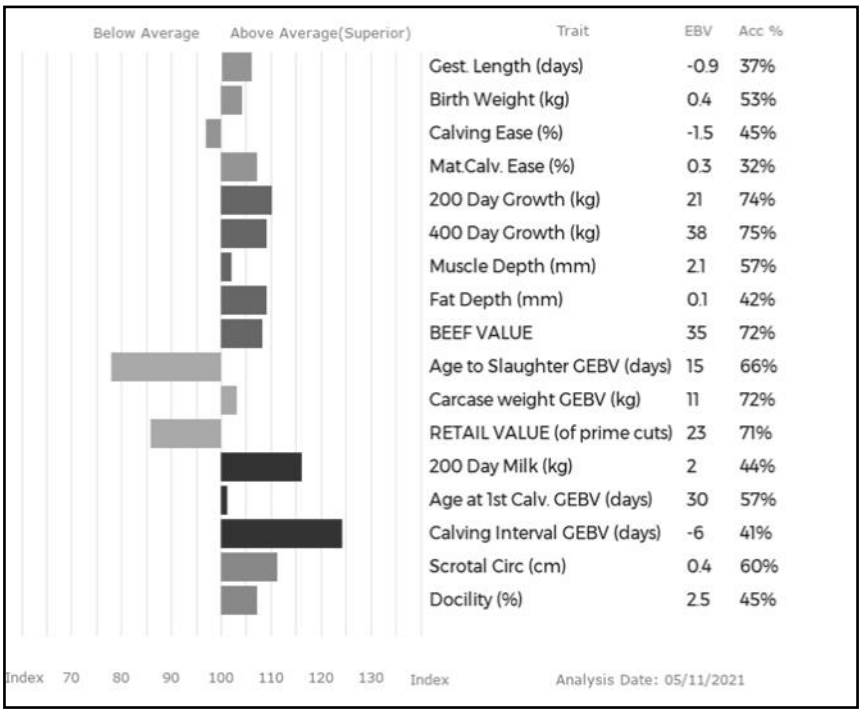
Natural Calf

Myostatin: F94L/F94L Gen. Colour: not tested Polled: not tested

gs. POWERFUL IRISH IE121704080130
Sire ANSIDE LEXION IF15-0860
gd. ANSIDE GAGA IF11-602

gs. GLENTURK ASTOUNDING AX05-001
Dam SHANNAS DEMERARA PAS08-649
gd. SHANNAS VANILLA PAS04-326

ggs. HALTCLIFFE DANCER RP08-753
ggd. CLONLARA VIXEN IE131837830040
ggs. FREWSTOWN BREAKDANCE FBH06-164
ggd. ANSIDE VERONICA IF04-239
ggs. GRAHAMS ROCKSOLID GV00-073
ggd. LUTTRELLSTOWN HELEN LUTH-022
ggs. PROCTERS ROCCO PFD00-066
ggd. SHANNAS SAFFRON PAS01-194



Adjusted	Wts(kg)
100	221
200	372
300	491
400	627
500	764
Scanned	NO

CLASS 4: LIMOUSIN BULLS

Born on or after 24th April 2020

Lot MR & MRS J PENNY **PEN 207**

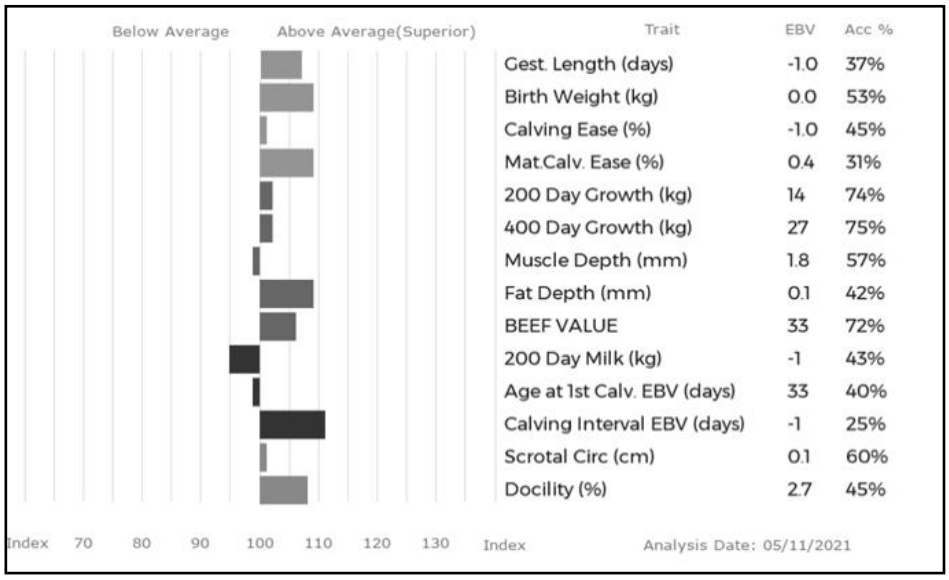
30 SHANNAS RESOURCE

Born 24/04/2020 **PAS20-2717** **UK 520782/302717**

Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. POWERFUL IRISH IE121704080130	ggs. HALTCLIFFE DANCER RP08-753
Sire ANSIDE LEXION IF15-0860	ggd. CLONLARA VIXEN IE131837830040
gd. ANSIDE GAGA IF11-602	ggs. FREWSTOWN BREAKDANCE FBH06-164
	ggd. ANSIDE VERONICA IF04-239
gs. GLENTURK ASTOUNDING AX05-001	ggs. GRAHAMS ROCKSOLID GV00-073
Dam SHANNAS FROMA PAS10-778	ggd. LUTTRELLSTOWN HELEN LUTH-022
gd. SHANNAS STROMA PAS01-191	ggs. HEATHERLANDS NOTEABLE MFQ97-077
	ggd. SHANNAS NORMA PAS97-072



Adjusted	Wts(kg)
100	198
200	338
300	459
400	609
500	748
Scanned	NO

Lot MR R DICK **PEN 228**

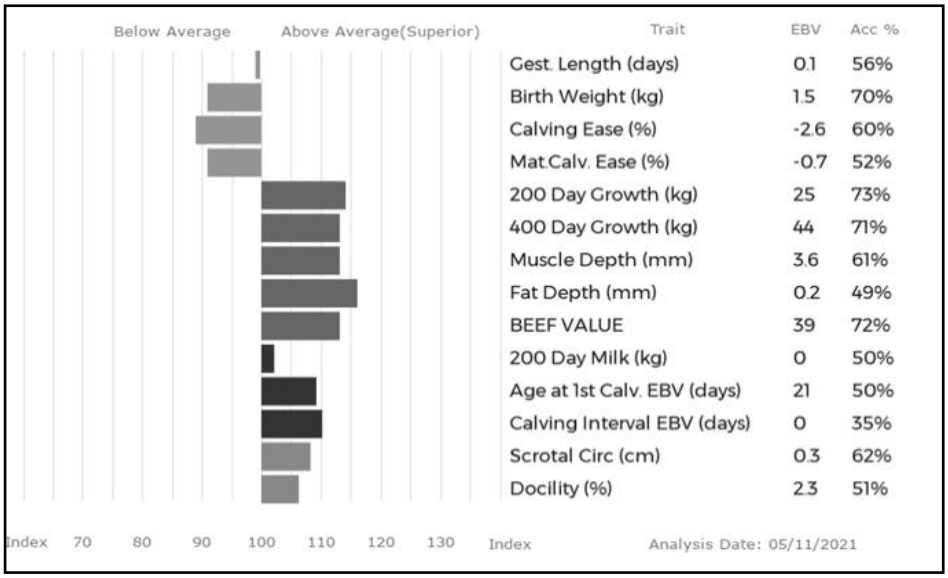
31 RONICK RINGO

Born 01/05/2020 **DY20-3884** **UK 542892/703884**

Natural Calf

Myostatin: F94L/Q204X Gen. Colour: not tested Polled: not tested

gs. AMPERTAINE GIGOLO MGD11-051	ggs. AMPERTAINE COMMANDER MGD07-046
Sire AMPERTAINE JAMBOREE MGD14-9236	ggd. AMPERTAINE CRYSTAL MGD07-016
gd. AMPERTAINE FIFI MGD10-022	ggs. WILODGE CERBERUS WEY07-010
	ggd. AMPERTAINE BEAUTY MGD06-011
gs. GRAHAMS BONZO GV06-404	ggs. USHUAIA 23-04-902-750
Dam RONICK GENTLE DY11-2055	ggd. GRAHAMS UREKA GV03-166
gd. RONICK SINCERE DY01-222	ggs. GASPARD 22-91-003-218
	ggd. RONICK NICE DY97-007X



Adjusted	Wts(kg)
100	185
200	317
300	0
400	0
500	0
Scanned	NO

Lot MR R DICK **PEN 229**

32 RONICK RHINESTONE

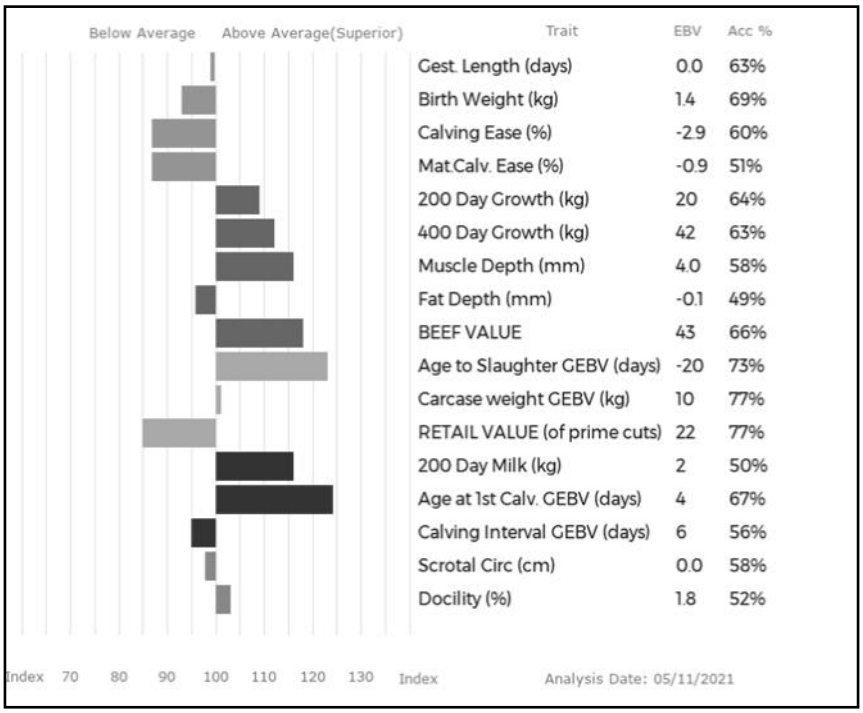
Born 10/05/2020 **DY20-3903** **UK 542892/503903**

Natural Calf

Myostatin: F94L/Q204X Gen. Colour: not tested Polled: not tested

gs. AMPERTAINE GIGOLO MGD11-051	ggs. AMPERTAINE COMMANDER MGD07-046
Sire AMPERTAINE JAMBOREE MGD14-9236	ggd. AMPERTAINE CRYSTAL MGD07-016
gd. AMPERTAINE FIFI MGD10-022	ggs. WILODGE CERBERUS WEY07-010
	ggd. AMPERTAINE BEAUTY MGD06-011
gs. RATHCONVILLE EUGENE BTH09-024	ggs. ROCKY 36-15-030-964
Dam RONICK MOONSTONE DY16-3124	ggd. BALLINAHINCH ALEXANDRIA IE381127080220
gd. RONICK GARNET DY11-2014	ggs. NEBO DIRECTOR TFQ08-009
	ggd. RONICK AZURE DY05-1038

NOTES: Rhinestone has great shape and carcass to him. He is also by an easy calving sire and from a high health home.



Adjusted	Wts(kg)
100	175
200	0
300	0
400	0
500	0
Scanned	NO

Lot MR P A WALKER **PEN 224**

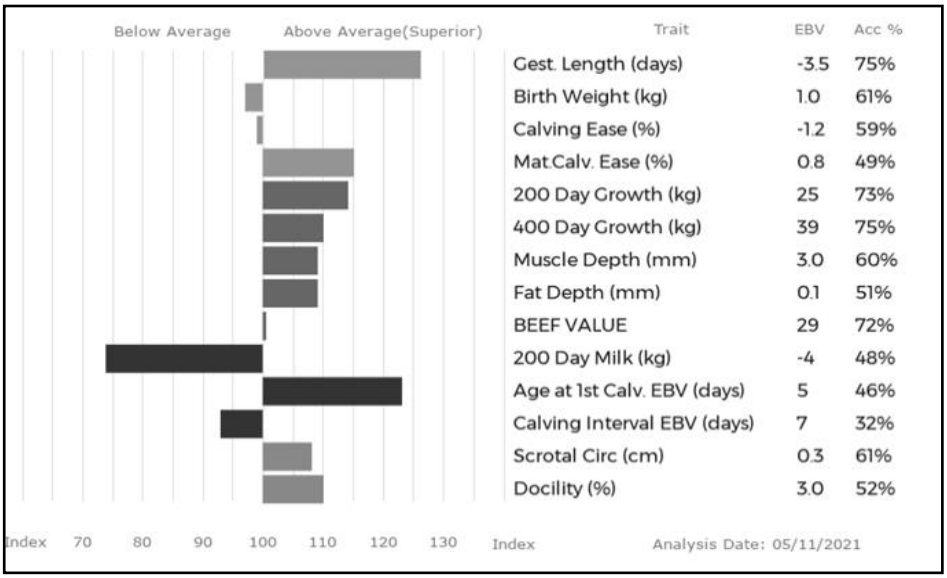
33 WALKERS RENN

Born 24/05/2020 **WBK20-0931** **UK 523060/300931**

Natural Calf

Myostatin: Awaiting result Gen. Colour: not tested Polled: not tested

gs. CAPPADUFF AARON IE271419730055	ggs. SIAM 19-30-888-598
Sire ALLANFAULD GAZZA MCF11-003	ggd. LINKSLODGE SALLY IE321461270040
gd. ALLANFAULD AFRICA MCF05-027	ggs. SYMPA 48-01-006-969
	ggd. ALLANFAULD UPATSY MCF03-013
gs. WILODGE FASTRAC WEY10-002	ggs. WILODGE VANTASTIC WEY04-037
Dam WALKERS LOREN WBK15-0650	ggd. HAZELHEAD ANNIE HGL05-007
gd. WALKERS FLORIONNE WBK10-378	ggs. MARLEPARK VAGABOND CMW04-014
	ggd. WALKERS RIONNE WBK00-175



Adjusted	Wts(kg)
100	182
200	324
300	464
400	603
500	742
Scanned	NO

Lot MR P A WALKER **PEN 225**

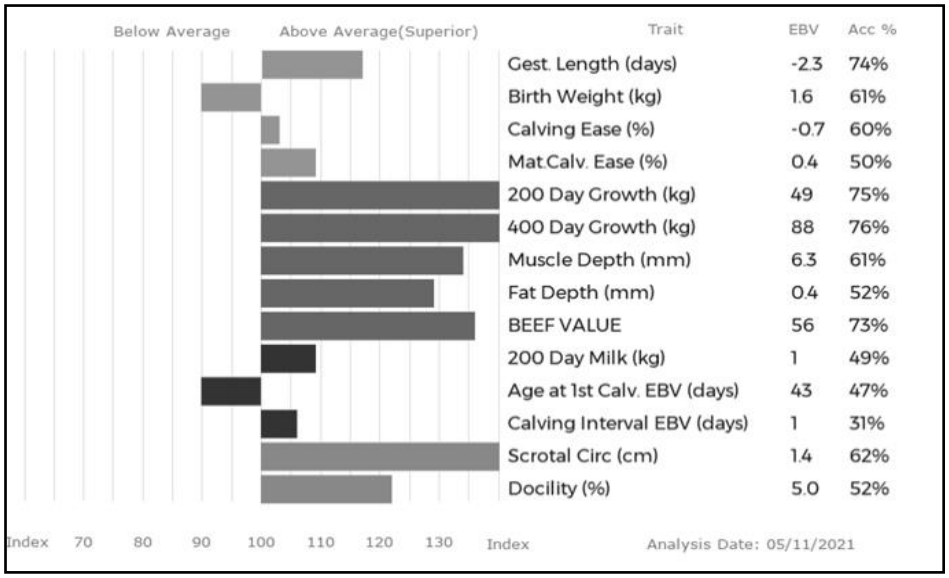
34 WALKERS ROCHDALE

Born 29/05/2020 **WBK20-0933** **UK 523060/500933**

Natural Calf

Myostatin: Awaiting result Gen. Colour: not tested Polled: not tested

gs. CAPPADUFF AARON IE271419730055	ggs. SIAM 19-30-888-598
Sire ALLANFAULD GAZZA MCF11-003	ggd. LINKSLODGE SALLY IE321461270040
gd. ALLANFAULD AFRICA MCF05-027	ggs. SYMPA 48-01-006-969
	ggd. ALLANFAULD UPATSY MCF03-013
gs. DRUMMIN BANDIT IE131206320571	ggs. NAVARIN 19-97-008-831
Dam WALKERS HINDA WBK12-483	ggd. DRUMMIN PEACH IE131206330135
gd. WALKERS DARINDA WBK08-278	ggs. WALKERS TEMARI WBK02-076
	ggd. WALKERS TARINDA WBK02-073



Adjusted	Wts(kg)
100	213
200	383
300	553
400	727
500	0
Scanned	NO

Lot MR P A WALKER **PEN 226**

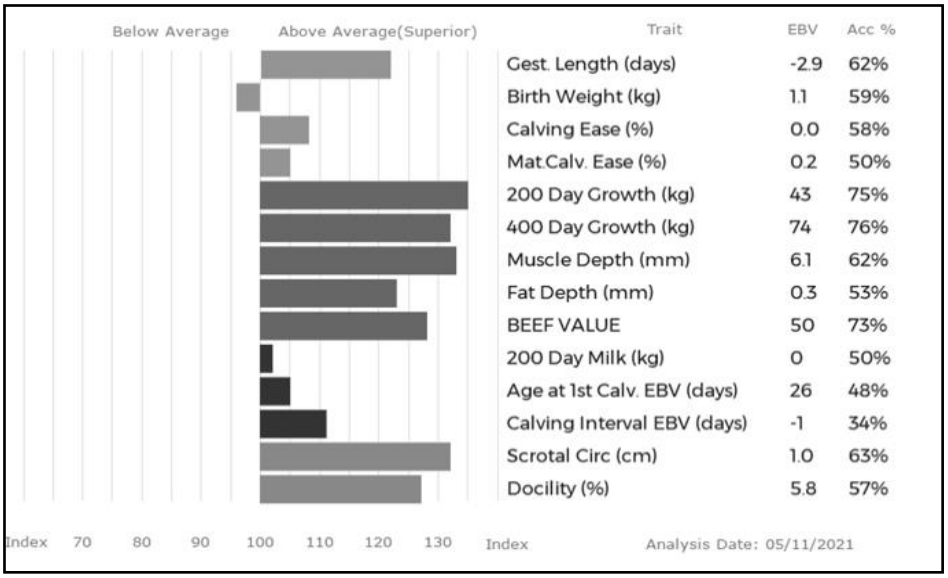
35 WALKERS REVEL

Born 02/06/2020 **WBK20-0936** **UK 523060/100936**

Natural Calf

Myostatin: Awaiting result Gen. Colour: not tested Polled: not tested

gs. CAPPADUFF AARON IE271419730055	ggs. SIAM 19-30-888-598
Sire ALLANFAULD GAZZA MCF11-003	ggd. LINKSLODGE SALLY IE321461270040
gd. ALLANFAULD AFRICA MCF05-027	ggs. SYMPA 48-01-006-969
	ggd. ALLANFAULD UPATSY MCF03-013
gs. IONESCO 36-93-000-206	ggs. BAMBINO 87-86-001-669
Dam WALKERS JACQUE WBK14-0596	ggd. COQUETTE 36-87-001-802
gd. WALKERS GUTOPIE WBK11-422	ggs. DRUMMIN BANDIT IE131206320571
	ggd. WALKERS UTOPIE WBK03-104



Adjusted	Wts(kg)
100	213
200	388
300	546
400	707
500	816
Scanned	NO

Lot MR M J MASSIE **PEN 204**

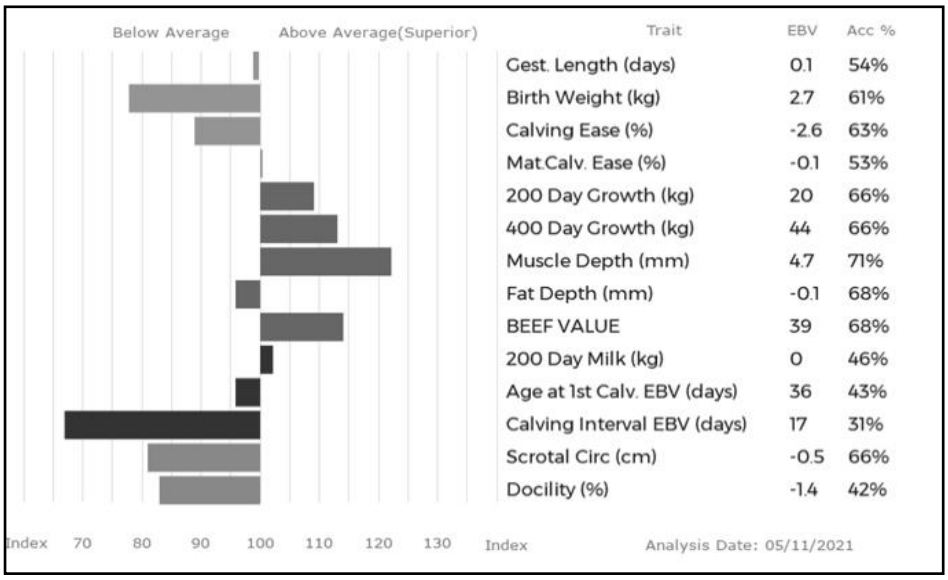
36 ELRICK REVOLUTION

Born 02/06/2020 **MNU20-1484** **UK 520735/501484**

Natural Calf

Myostatin: Awaiting result Gen. Colour: not tested Polled: not tested

gs. RAHONEY GEOFFREY MDS11-011	ggs. WILODGE CERBERUS WEY07-010
Sire ELRICK JETHRO MNU14-0997	ggd. RAHONEY ABIGAIL MDS05-002
gd. ELRICK FIONA MNU10-003	ggs. WILODGE VANTASTIC WEY04-037
	ggd. ELRICK CHANEL MNU07-013
gs. RYEDALE PARAGON DAC99-266	ggs. RONICK ICEMAN DY93-018-FOT
Dam ELRICK CROWNHEAD MNU07-035	ggd. RACHELS GLENDA WTG-324
gd. ELRICK MASTERPIECE MNU96-011	ggs. BEDELL MAURICE BNM-022
	ggd. CROWNHEAD ELEGANT BBAE-094



Adjusted	Wts(kg)
100	182
200	0
300	424
400	0
500	0
Scanned	YES

Lot MESSRS A & J GAMMIE **PEN 211**

37 WESTPIT ROCKSTAR

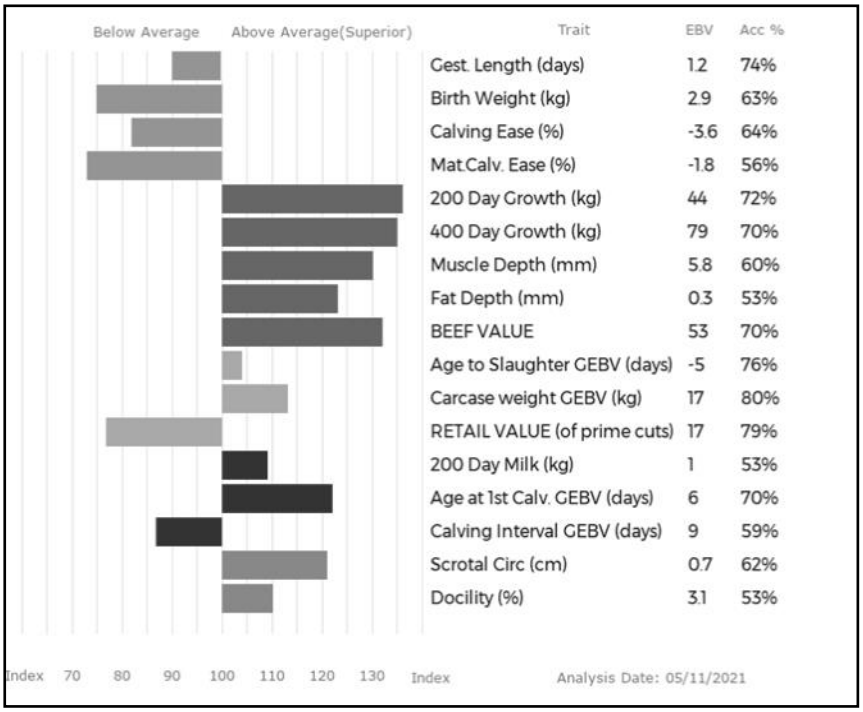
Born 29/08/2020 **GAZ20-0344** **UK 527854/600344**

Got by AI Embryo Calf

Myostatin: F94L/F94L Gen. Colour: not tested Polled: not tested

gs. WILODGE CERBERUS WEY07-010	ggs. WILODGE TONKA WEY02-002
Sire AMPERTAINE FOREMAN MGD10-039	ggd. WILODGE PRICELESS WEY99-032
gd. AMPERTAINE BATHSHEBA MGD06-032	ggs. SYMPA 48-01-006-969
	ggd. KYPE SHARON CAQ01-041
gs. JALEX ITSALLGOOD AFW13-7824	ggs. SWARLAND EDDIE SOH09-010
Dam WESTPIT MILA GAZ16-0123	ggd. TYRONE DULANI WKX08-002
gd. WESTPIT JOY GAZ14-0061	ggs. PLUMTREE DEUS CQE08-003
	ggd. WESTPIT FIONA GAZ10-010

NOTES: Rockstars mum, Westpit Mila sold for 10,000gns at the recent reduction sale at Carlisle in October 2021 selling to the Whinfellpark herd. Rockstar will be semen tested and carries two copies of the F94L 'profit' gene.



Adjusted	Wts(kg)
100	210
200	383
300	583
400	773
500	0
Scanned	NO

Lot MESSRS A & J GAMMIE **PEN 212**

38 WESTPIT ROCKNROLLA

Born 26/09/2020 **GAZ20-0349** **UK 527854/400349**

Got by AI Natural Calf

Myostatin: F94L/F94L Gen. Colour: not tested Polled: not tested

gs. NEUF 22-97-004-114 ggs. CASSIS 40-88-028-055

Sire VAGABOND 24-24-484-782 ggd. JUNGLE 22-94-004-270

gd. NICHE 24-97-015-162 ggs. IDEM 87-73-016-040

ggd. ACTRICE 24-85-015-440

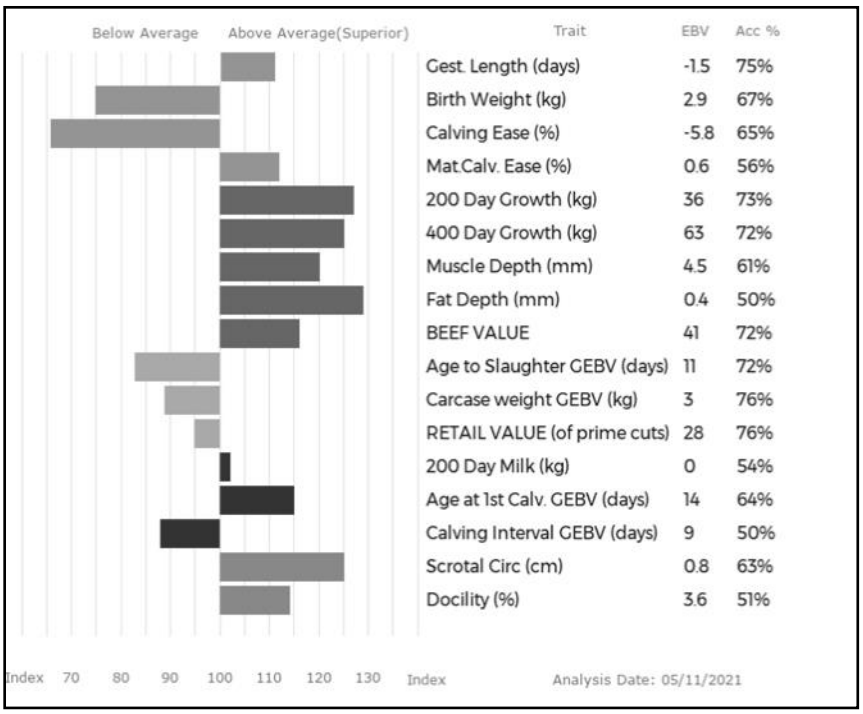
gs. TANIN 19-31-629-088 ggs. PRINCE 19-30-558-686

Dam GREENWELL DELIGHT NK08-020 ggd. NORVEGE 19-97-017-794

gd. GREENWELL ULETTE NK03-036 ggs. ROULY 19-30-678-365

ggd. GREENWELL RENETTE NK00-072

NOTES: Westpit Rocknrolla's full brother sold for £15,500. He has two copies of the F94L 'profit' gene. Will be semen tested before the sale.



Adjusted	Wts(kg)
100	187
200	340
300	519
400	694
500	0
Scanned	NO

Lot MR P A WALKER **PEN 227**

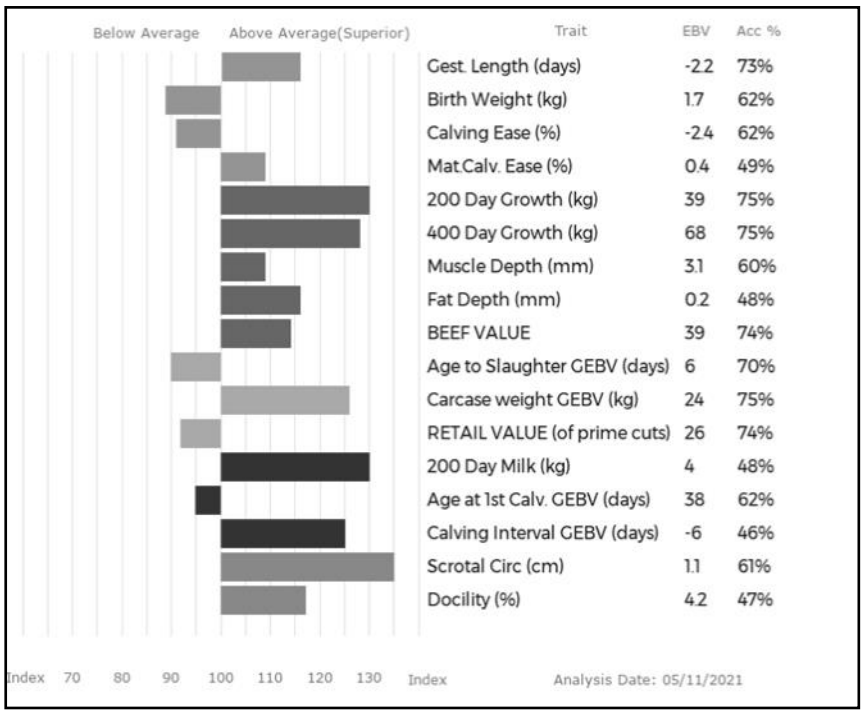
39 WALKERS ROCTAVIO **FOR SALE ONLY**

Born 04/02/2020 **WBK20-0922** **UK 523060/100922**

Natural Calf

Myostatin: F94L/F94L Gen. Colour: not tested Polled: not tested

gs. GREENWELL FIELDMASTER NK10-034	ggs. CASIMIR 23-07-278-647
Sire MILLINGTON INSPIRE MRJ13-2242	ggd. GREENWELL AMY NK05-018
gd. MILLINGTON DELIGHT MRJ08-492	ggs. MAS DU CLO 23-96-032-213
	ggd. RONICK NESTLE DY97-037
gs. DRUMMIN BANDIT IE131206320571	ggs. NAVARIN 19-97-008-831
Dam WALKERS GUTOPIE WBK11-422	ggd. DRUMMIN PEACH IE131206330135
gd. WALKERS UTOPIE WBK03-104	ggs. WALKERS JASPER WBK94-002
	ggd. ITAQUE 87-93-009-112



Adjusted	Wts(kg)
100	206
200	380
300	524
400	680
500	811
Scanned	NO

Lot A & A MORRISON **PEN 223**

40 MULDEARIE ROBBIE **FOR SALE ONLY**

Born 28/02/2020 **QDM20-0751** **UK 522811/600751**

Got by AI Natural Calf

Myostatin: F94L/NT821 Gen. Colour: Hom. Red Polled: Hom. Horned

gs. JACOT 36-94-005-555 ggs. DAUPHIN 19-88-004-715

Sire MERESIDE LORENZO HCG15-812 ggd. VIOLETTE 36-84-701-052

gd. MERESIDE DAWNMARIE HCG08-132 ggs. ALASKA 81-23-276-752

ggd. MERESIDE ALECIA HCG05-747

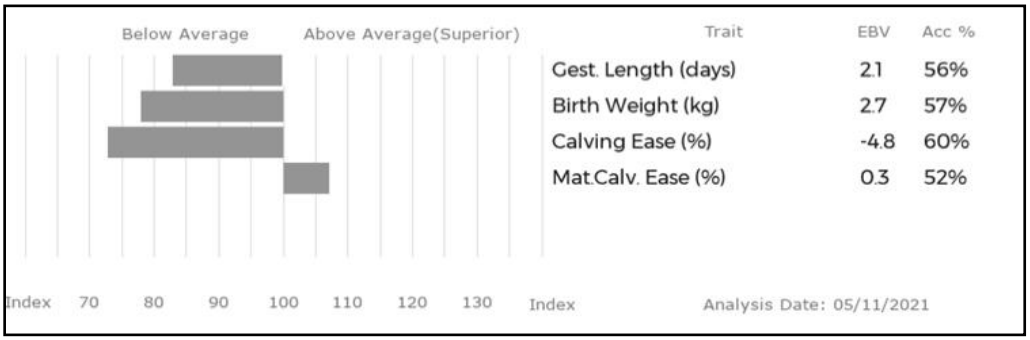
gs. MILLINGTON DOMINATOR MRJ08-337 ggs. MAS DU CLO 23-96-032-213

Dam MULDEARIE NIKITA QDM17-004 ggd. BROCKHURST OPTION MFX98-062

gd. MULDEARIE JAYLO QDM14-002 ggs. SPRINGWOOD ENZO LEL09-003

ggd. WHITELUMS FLEUR IT10-008

NOTES: Fertility tested. Robbie is one of the best bulls we have brought forward for sale. He is a heifer's calf.



CLASS 5: SIMMENTAL BULLS

Born on or after 1st March 2020 and before 22nd April 2020

M/S A D SUTHERLAND & SONS **PEN 245**

41 GLENLOSSIE LUKE 20

M102249 **Born 01/03/2020** **UK523375507597**

gs. THURSFORD CASINO 11 (M082418)

Sire - REDHILL FITZROY 14 (M088270)

gd. REDHILL LAURA GP 82(F101107)

gs. PITMUDIE EVEREST 13 (M084102)

Dam - GLENLOSSIE GUNNHILDE (F115702)

gd. GLENLOSSIE WANAKA (F090184)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-0.2	-1.5	+0.1	+2.5	+27	+51	+62	--
Accuracy	47%	41%	40%	75%	62%	59%	64%	
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+1.5	+38	--	+0.3	+0.6	+0.0	**+64**	**+81**
Accuracy	61%	46%		46%	38%	33%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

MR G W SMITH **PEN 248**

42 DRUMSLEED LANTRA 20

M100418 **Born 04/03/2020** **UK522993204121**

gs. BLACKFORD HARVESTER (M049570)

Sire - HAYSTAR CRACKER 11 (M080339)

gd. HILLCREST VINE (Imp.IE) (I000914)

gs. BEECHES ROCKFORD (TF) (M063420)

Dam - DRUMSLEED ADANA (F093025)

gd. DRUMSLEED VICKI (F084581)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	+3.9	+0.3	-0.8	+1.1	+30	+54	+58	+7
Accuracy	53%	51%	51%	76%	68%	71%	66%	46%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+1.4	+35	+2.0	-0.5	+0.2	-0.2	**+63**	**+81**
Accuracy	69%	59%	48%	56%	53%	46%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

DELFUR FARMS **PEN 249**

43 DELFUR LIONKING 20

M100453 **Born 08/03/2020** **UK523461104125**

gs. ISLAVALE FRONTIER 14 (M086926)

Sire - WOODHALL INSTINCT 17 (M095209)

gd. WOODHALL EVA (P) EX 90(F105358)

gs. DELFUR WHATABULL (M073304)

Dam - DELFUR ANNA B53 (F102539)

gd. DELFUR ANNA P9 (F075550)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-0.2	-0.2	-1.0	+2.3	+41	+81	+88	+11
Accuracy	45%	37%	43%	73%	62%	64%	59%	31%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.5	+64	+6.0	-0.3	+1.8	-0.3	**+107**	**+117**
Accuracy	60%	50%	40%	49%	45%	38%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

REECE & ANDREW SIMMERS **PEN 257**

44 BACKMUIR LANCELOT 20

M100592 **Born 14/03/2020** **UK522820111936**

gs. CURAHEEN GIANT 2 (Imp.) (I001673)

Sire - ISLAVALE IMPERIAL 17 (M093914)

gd. ISLAVALE BETHANY EX 91 (EX2)(F097323)

gs. STARLINE EXCLUSIVE 13 (M083740)

Dam - STARLINE OLGA 17TH (F119496)

gd. STARLINE OLGA 12TH (F087790)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-2.6	-2.5	+0.6	+2.4	+25	+41	+48	+6
Accuracy	42%	37%	43%	74%	67%	67%	62%	33%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.2	+27	+2.4	+0.1	+0.2	-0.4	**+45**	**+46**
Accuracy	69%	54%	45%	52%	48%	41%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

MESSRS C & M BRUCE **PEN 239**

45 TILLYEVE LENNOX 20

M100589 **Born 25/03/2020** **UK521448701421**

gs. DERMOTSTOWN DELBOY (ET) EX 92(S002885)

Sire - DRUMACRITTEN IAN 17 (M094420)

gd. DRUMACRITTEN BELLA VG 86(F095954)

gs. WOODHALL ELLISON 13 (M084070)

Dam - TILLYEVE HELGA (F117255)

gd. TILLYEVE DIANA (F102369)

NOTES: Sire Drumacritten Ian was Junior and Overall Champion Stirling October 2018. Semen tested.

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-7.6	-0.2	+1.2	+6.6	+43	+80	+88	+7
Accuracy	44%	39%	44%	72%	64%	67%	61%	30%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.6	+56	+6.0	-0.3	+2.1	-0.4	**+101**	**+105**
Accuracy	64%	54%	43%	51%	48%	41%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

CHAMPION SIMMENTAL BULL
RESERVE SIMMENTAL BULL

MR W S STRONACH **PEN 250**

46 ISLAVALE LOKI 20

M101268 **Born 26/03/2020** **UK522759603244**

gs. DIRNANEAN BRADLEY 10 EX 93(M076366)

Sire - CORSKIE HIGHLANDER 16 EX 92(M090778)

gd. CORSKIE WINOLA (F089533)

gs. CURAHEEN BANDIT (Imp.IE) (I000966)

Dam - ISLAVALE FASHION EX 92 (EX2)(F112605)

gd. ISLAVALE BLOSSOM (F095086)

NOTES: Semen Tested

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-2.5	+1.0	-0.3	+4.7	+43	+80	+88	+7
Accuracy	57%	50%	62%	77%	73%	73%	67%	46%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+1.8	+61	+6.5	-0.1	+1.9	+0.2	**+106**	**+123**
Accuracy	72%	61%	52%	60%	57%	52%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

GEOFF & KATE ANDERSON **PEN 244**

47 QUARRYHILL LERXST 20

M101265 **Born 04/04/2020** **UK523253404216**

gs. CLEENAGH FLASHER (M042198)

Sire - RANFURLY CONFEDERATE C24 11 EX 94(M080428)

gd. RACEVIEW AISLING MATILDA 429 (I000884)

gs. TEAM WISCONSIN (M072649)

Dam - BROOMBRAE SNOWDROP D4 VG 88(F101424)

gd. BROOMBRAE SNOWDROP W18 (F087658)

NOTES: Lerxst has a very easy calving figure. Sire, Ranfurly Confederate has classified excellent 94.

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	+5.5	+0.7	-1.2	+2.0	+28	+65	+63	+6
Accuracy	53%	51%	51%	62%	59%	60%	56%	49%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	-0.3	+46	+4.2	-0.1	+1.2	-0.1	**+88**	**+93**
Accuracy	53%	52%	45%	53%	51%	48%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

MR WJ & J GREEN **PEN 238**

48 CORSKIE LOMAX 20

M100761 **Born 11/04/2020** **UK523340708817**

gs. RABAWN FLAME (Imp.IE) (I001258)

Sire - DRUMAGARNER HUGHES 16 (M093263)

gd. DRUMAGARNER BEYONCE (F094244)

gs. BEL DHU CAPERCAILLIE 11 (M079624)

Dam - CORSKIE HELISSA VG 85(F119639)

gd. CORSKIE ELISSA VG 88(F108101)

NOTES: Semen tested. Terrific calving and milk figures. Drumagarner Hughes stood 1st in his class at Stirling February 2018 and sold sons to 8,000gns. His dam is a Bel Dhu Capercaillie daughter and his grand-dam is by Dirnanean Bradley.

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	+3.0	+1.0	-0.4	+2.4	+38	+67	+72	+10
Accuracy	42%	36%	47%	76%	71%	71%	66%	36%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Re-placing Index**
EBVs	+1.0	+53	+5.1	+0.0	+1.4	+0.1	**+92**	**+108**
Accuracy	71%	59%	50%	59%	56%	50%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

CLASS 6: SIMMENTAL BULLS

Born on or after 22nd April 2020

MR D C HOULDEY **PEN 236**

49 MANOR PARK LOMAX 20

M101143 **Born 22/04/2020** **UK586515600745**

gs. DIRNANEAN BRADLEY 10 EX 93(M076366)

Sire - CORSKIE EBAY 13 (M085188)

gd. CORSKIE ANYA (F093130)

gs. KILBRIDE FARM BERRATOFT 10 (M075644)

Dam - MANOR PARK ELLIE (F107359)

gd. MANOR PARK WILLOW (F088073)

NOTES: Semen Tested by Society Vet

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-2.0	+4.2	-0.3	+4.9	+41	+74	+86	+7
Accuracy	55%	49%	46%	76%	65%	64%	68%	35%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+1.1	+50	+4.5	-1.5	+2.0	-0.7	**+96**	**+102**
Accuracy	67%	56%	48%	55%	52%	47%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

HEATHER DUFF **PEN 255**

50 PITMUDIE LONESTAR 20

M100884 **Born 24/04/2020** **UK540152603541**

gs. DERMOTSTOWN DELBOY (ET) EX 92(S002885)

Sire - HILTONSTOWN IRISH 17 (ET) (S003085)

gd. HILTONSTOWN TOPAZ VG 88(F083489)

gs. CORRICK CAESAR 11 (M079883)

Dam - PITMUDIE FREESIA (F108870)

gd. DELFUR ANNE C31 (F105478)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-5.4	-2.3	+0.3	+5.5	+45	+87	+95	+6
Accuracy	43%	38%	44%	74%	65%	68%	68%	35%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	-0.3	+66	+6.5	-0.1	+2.3	-0.6	**+112**	**+111**
Accuracy	66%	57%	45%	56%	51%	44%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

MR D W SMITH **PEN 247**

51 BOSWELL LUCKY MAN 20 (TM)

M101076 **Born 03/05/2020** **UK522993404207**

gs. TEAM CELTIC 11 (M078325)

Sire - WOLFSTAR GORDY 15 (M089209)

gd. WOLFSTAR WANNABE (F088203)

gs. KILBRIDE FARM BENONE 10 (M077672)

Dam - BOSWELL FLAME 14 (F110492)

gd. BOSWELL VIENNA (F086161)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-4.2	+0.7	-0.4	+2.1	+28	+57	+63	+8
Accuracy	51%	46%	51%	73%	66%	68%	64%	38%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.7	+36	+1.8	-0.6	-0.1	+0.0	**+57**	**+61**
Accuracy	65%	57%	46%	55%	52%	46%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

MR D C HOULDEY **PEN 237**

52 MANOR PARK LUCAS 20

M102814 **Born 22/05/2020** **UK586515100761**

gs. DIRNANEAN BRADLEY 10 EX 93(M076366)

Sire - CORSKIE EBAY 13 (M085188)

gd. CORSKIE ANYA (F093130)

gs. BLACKFORD WORZEL 2 (M072312)

Dam - MANOR PARK DESTINY (F101118)

gd. MANOR PARK WONDERFUL (TF) (F088455)

NOTES: Semen Tested by Society Vet

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-3.2	+2.4	-0.2	+5.5	+45	+83	+94	+7
Accuracy	53%	48%	46%	75%	65%	68%	64%	34%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+2.3	+57	+4.3	-1.4	+2.1	-0.6	**+105**	**+122**
Accuracy	68%	56%	48%	54%	52%	46%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

MESSRS C & M BRUCE **PEN 240**

53 TILLYEVE LOON 20

M101253 **Born 22/06/2020** **UK521448601462**

gs. DERMOTSTOWN DELBOY (ET) EX 92(S002885)

Sire - DRUMACRITTEN IAN 17 (M094420)

gd. DRUMACRITTEN BELLA VG 86(F095954)

gs. GRANGEWOOD COLUMBUS 11 (M078802)

Dam - TILLYEVE GWEN (F113801)

gd. TILLYEVE DEMI (F101834)

NOTES: Sire Drumacritten Ian was Junior and Overall Champion Stirling October 2018. Semen tested.

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-1.1	-0.3	-0.3	+3.3	+34	+64	+70	+6
Accuracy	41%	37%	43%	71%	62%	65%	60%	29%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.1	+45	+4.0	-0.5	+1.3	-0.4	**+81**	**+85**
Accuracy	62%	52%	41%	50%	46%	39%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

MESSRS C & M BRUCE **PEN 241**

54 TILLYEVE LOGAN 20

M101633 **Born 02/07/2020** **UK521448201465**

gs. CURAHEEN APOSTLE (ET) (I001091)

Sire - OVERHILL HOUSE GANDHI 15 (M088743)

gd. SEEPA DAFFODIL (Imp.IE) (I001238)

gs. KILBRIDE FARM VERNON (M070467)

Dam - TILLYEVE DIAMOND (F102923)

gd. TILLYEVE LAURA (F064865)

NOTES: Semen Tested

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	+4.9	+1.1	-1.2	+0.7	+27	+46	+56	+1
Accuracy	46%	42%	43%	73%	64%	67%	63%	34%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.7	+36	+3.5	+0.0	+0.6	+0.0	**+62**	**+78**
Accuracy	65%	55%	44%	53%	49%	42%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

REECE & ANDREW SIMMERS **PEN 258**

55 BACKMUIR LIMITLESS 20

M101927 **Born 11/11/2020** **UK522820712376**

gs. CURAHEEN GIANT 2 (Imp.) (I001673)

Sire - ISLAVALE IMPERIAL 17 (M093914)

gd. ISLAVALE BETHANY EX 91 (EX2)(F097323)

gs. KILBRIDE FARM DUKE 12 (M081216)

Dam - STARLINE KRISTLE 33 (F121808)

gd. STARLINE KRISTLE 29 (F111138)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-7.2	-2.9	+1.4	+5.1	+34	+66	+73	+7
Accuracy	46%	39%	43%	73%	63%	65%	60%	31%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+1.1	+43	+3.5	+0.1	+0.5	-0.1	**+71**	**+75**
Accuracy	64%	52%	43%	50%	47%	40%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

REECE & ANDREW SIMMERS **PEN 259**

56 BACKMUIR LOKI 20

M102129 **Born 23/11/2020** **UK522820312379**

gs. CURAHEEN GIANT 2 (Imp.) (I001673)

Sire - ISLAVALE IMPERIAL 17 (M093914)

gd. ISLAVALE BETHANY EX 91 (EX2)(F097323)

gs. SLIEVENAGH TALISMAN (M067453)

Dam - STARLINE OLGA 13TH (F107060)

gd. STARLINE OLGA 11TH (F085435)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-0.1	+0.4	+0.7	+2.8	+30	+63	+68	+8
Accuracy	42%	37%	46%	73%	64%	66%	61%	34%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.5	+42	+3.1	-0.3	+0.6	-0.3	**+74**	**+82**
Accuracy	65%	53%	44%	51%	48%	41%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

M/S A D SUTHERLAND & SONS **FOR SALE ONLY** **PEN 246**

57 GLENLOSSIE LUCASZ 20

M102202 **Born 19/02/2020** **UK523375207594**

gs. THURSFORD CASINO 11 (M082418)

Sire - REDHILL FITZROY 14 (M088270)

gd. REDHILL LAURA GP 82(F101107)

gs. GLENLOSSIE WILLIAM (M072472)

Dam - GLENLOSSIE FALLON (F111904)

gd. GLENLOSSIE VERA (F085719)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-1.6	-0.8	+1.1	+3.0	+26	+44	+49	+4
Accuracy	48%	42%	41%	75%	63%	60%	64%	25%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.7	+33	+3.9	+0.2	+1.2	-0.2	**+60**	**+69**
Accuracy	61%	48%	34%	46%	41%	34%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

HEATHER DUFF **FOR SALE ONLY** **PEN 256**

58 PITMUDIE KINGDOM 19

M100011 **Born 27/11/2019** **UK540152103438**

gs. DERMOTSTOWN DELBOY (ET) EX 92(S002885)

Sire - HILTONSTOWN IRISH 17 (ET) (S003085)

gd. HILTONSTOWN TOPAZ VG 88(F083489)

gs. BLACKFORD ALBATROSS 09 (M074204)

Dam - NEWBIEMAINS EXCLUSIVE (F106934)

gd. NEWBIEMAINS BOJANGLES (F100019)

	2022 SIMMENTAL BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Maternal (Milk)
EBVs	-3.0	-0.4	+0.9	+3.9	+33	+65	+71	+3
Accuracy	44%	41%	44%	71%	62%	65%	61%	34%
Av 20 Calves	**-0.7**	**-0.2**	**-0.1**	**+2.6**	**+34**	**+62**	**+67**	**+6**
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+0.0	+47	+4.5	+0.1	+1.2	-0.5	**+80**	**+85**
Accuracy	64%	53%	44%	52%	49%	42%		
Av 20 Calves	**+0.6**	**+45**	**+4.0**	**-0.1**	**+0.9**	**-0.1**	**+77**	**+85**

CLASS 7: ABERDEEN ANGUS BULLS

KARL SCOTT ESQ **PEN 266**

59 FOGGIE EEJIT W248

Myostatin. No Carrier **Born 17/03/2020** **(UK522324 100248)**

gs. TE MANIA BERKLEY B1 (AI)(IMP)(VTMB1(AU)36)

Sire - FOGGIE DEVERON T212(UK522324 700212)

gd. OAKCHURCH DARLENE R204(UK313622 700204)

gs. WEETON EXPERT P428 (ET)(UK181671 702428)

Dam - FOGGIE EVIE T215(UK522324 300215)

gd. CULRAIN EVIE P570(UK502753 600570)

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-2.1	-1.0	-0.5	+3.4	+43	+80	+95	+89
Accuracy	34%	31%	39%	69%	58%	58%	54%	45%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+16	+1.1	+2.8	-1.1	+0.1	+0.5	+33	+41
Accuracy	32%	62%	39%	44%	39%	33%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

KARL SCOTT ESQ **PEN 267**

60 FOGGIE ENOCH W254

Myostatin. No Carrier **Born 11/04/2020** **(UK522324 700254)**

gs. TE MANIA BERKLEY B1 (AI)(IMP)(VTMB1(AU)36)

Sire - FOGGIE DEVERON T212(UK522324 700212)

gd. OAKCHURCH DARLENE R204(UK313622 700204)

gs. WEETON EXPERT P428 (ET)(UK181671 702428)

Dam - FOGGIE ELLIE T209(UK522324 400209)

gd. CULRAIN ELLIE N533(UK502753 400533)

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-1.2	-1.0	-0.4	+3.2	+42	+71	+87	+80
Accuracy	35%	30%	38%	69%	56%	62%	56%	46%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+17	+1.4	+2.9	-0.7	+0.3	+0.5	+30	+40
Accuracy	30%	65%	41%	47%	41%	35%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

FIRM OF A M SHEPHERD **PEN 260**

61 ORBLISTON JAMES W210

Myostatin. No Carrier **Born 11/04/2020** **(UK523342 501210)**

gs. GRETNAHOUSE BLACKSMITH L500(UK581747 100500)

Sire - HAYMOUNT GANG SMITH R580(UK561995 601580)

gd. HAYMOUNT GILGERA K094(UK561995 301094)

gs. BLELACK BLACKBARD J290(UK521115 202290)

Dam - ORBLISTON JESSICA N074(UK523342 201074)

gd. ORBLISTON JENNI G970(UK523342 300970)

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-5.8	-4.1	+1.6	+4.8	+43	+89	+105	+102
Accuracy	39%	34%	45%	76%	62%	66%	62%	51%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+12	+1.7	+5.5	-2.2	+1.8	+0.2	+40	+46
Accuracy	30%	68%	45%	51%	44%	37%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

MESSRS N F MASSIE & SONS **PEN 268**

62 BLELACK PIRATE W039

Myostatin. No Carrier **Born 12/04/2020** **(UK521115 104039)**

gs. DUNCANZIEMERE EDWIN J311(UK580222 600311)

Sire - TONLEY JESTER ERIC S318(UK520423 101318)

gd. BLELACK JUBILEE ERICA F442(UK521115 101442)

gs. FRIARSTOWN IDEAL PETE K202 (ET)(IE2418865 20202)

Dam - BLELACK PRINCESS U924(UK521115 503924)

gd. BLELACK PRINCESS P355(UK521115 303355)

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-1.7	+0.1	+1.0	+4.2	+46	+83	+100	+90
Accuracy	42%	36%	50%	76%	69%	69%	64%	53%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+17	+2.2	+4.1	-2.1	+1.8	-0.5	+40	+52
Accuracy	40%	73%	49%	57%	49%	44%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

CHAMPION ABERDEEN ANGUS BULL
RESERVE ABERDEEN ANGUS BULL

MESSRS N F MASSIE & SONS **PEN 269**

63 BLELACK KENNY W046

Myostatin. No Carrier **Born 16/04/2020** **(UK521115 104046)**

gs. WEETON DIAMOND MINE P444(UK181671 202444)

Sire - BLELACK DUAL MINE U913 (ET)(UK521115 103913)

gd. WEETON DIAMOND MIST S485(UK181671 102485)

gs. KITEWOOD KINGDOM H047(UK521698 200047)

Dam - CAIRNTON KARISMA M331(UK521159 600331)

gd. WEDDERLIE KARISMA A322(UK560308 100322)

NOTES: Kenny was one of our service sires for our dispersal sale October 2021. His sire Dual Mine sired Champion and Reserve at the Stirling October Bull Sale October 2021

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-0.6	+1.3	-0.5	+3.8	+53	+97	+115	+107
Accuracy	37%	31%	43%	76%	66%	67%	62%	51%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+11	+1.8	+4.2	-2.1	+1.2	+0.3	+44	+57
Accuracy	36%	71%	46%	54%	46%	40%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

NEIL A WATTIE ESQ **PEN 263**

64 TONLEY JONTY W734

Myostatin. No Carrier **Born 22/04/2020** **(UK520423 401734)**

gs. BLELACK BLACKSTOCK A227(UK521115 400227)

Sire - BLELACK EVERMORE J231 (ET)(UK521115 602231)

gd. BLELACK EVORA Z491(UKAB219501491)

gs. BLELACK EVOR H929(UK521115 501929)

Dam - TONLEY JULIA P099(UK520423 601099)

gd. TONLEY JULIA F372(UK520423 700372)

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-6.0	-4.5	+1.0	+3.6	+30	+61	+77	+75
Accuracy	49%	45%	54%	78%	71%	71%	67%	57%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+8	+0.0	+5.3	-2.2	+2.1	-0.3	+30	+34
Accuracy	51%	75%	53%	59%	53%	47%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

BALLINDALLOCH HOME FARMS **PEN 261**

65 BALLINDALLOCH EPIC W611

Myostatin. No Carrier **Born 23/04/2020** **(UK522593 100611)**

gs. BOSULLOW ELMARK G209(UK383807 600209)

Sire - WEDDERLIE TIMARU M594 (ET)(UK560308 502594)

gd. HF TIBBIE 86K (ET)(IMP)(1018761(CA)35)

gs. BALLINDALLOCH EARL N397(UK522593 400397)

Dam - BALLINDALLOCH ELIZAH S492(UK522593 100492)

gd. BALLINDALLOCH ELIZA L350(UK522593 600350)

NOTES: Semen tested.

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-8.1	-5.7	-0.4	+6.7	+65	+97	+113	+89
Accuracy	50%	47%	48%	77%	70%	70%	69%	62%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+24	+0.7	+4.2	-1.7	+1.6	+0.1	+41	+45
Accuracy	51%	73%	52%	60%	52%	48%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

WENDY WILLOX **PEN 262**

66 STRATHINVER MASTER BENTLEY W955

Twin Myostatin. No Carrier Born 28/04/2020 (UK520307 300955)

gs. RAWBURN JESTER ERIC J034(UK562106 101034)

Sire - DUNCANZIEMERE SCORPION T237(UK586557 200237)

gd. DUNCANZIEMERE SCHELDA L389(UK580222 700389)

gs. MOUNTJOY POLDARK M021(UK526932 100021)

Dam - STRATHINVER MISS BAMBI S026(UK530417 100026)

gd. STRATHINVER BAMBI H056(UK521978 400056)

	January 2022 Aberdeen-Angus BREEDPLAN							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mature Cow Wt. (kg)
EBVs	-1.7	-0.3	+1.1	+3.5	+40	+76	+89	+82
Accuracy	37%	34%	37%	57%	49%	49%	47%	41%
Avg 20 Calves	**-1.1**	**+0.3**	**+0.4**	**+3.1**	**+40**	**+72**	**+89**	**+84**

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	+17	+0.2	+4.4	-2.8	+2.0	-0.3	+38	+46
Accuracy	37%	39%	33%	41%	35%	32%		
Avg 20 Calves	**+12**	**+1.1**	**+4.0**	**-1.4**	**+1.1**	**+0.2**	**+34**	**+45**

CLASS 8: ANY OTHER BREED OF BULL
BEEF SHORTHORN BULLS

ALISON WATT **PEN 271**

67 STRATHISLA PADDY (P)
(693800545) Red & White Born:10/02/2020 UK522798-302255
Myostatin: E226X-0 , F94L-0 , NT419-0 , NT821-0
gs. ELLIOT DANNY BOY (P)(ET) (603802884)
Sire - MEONHILL LION KING (H) (643847710)
gd. MEONHILL WATERLOO ZARA (P) (563800772)
gs. DECLAN OF CRAIGIEBANK (P)(ET) (573801747)
Dam - STRATHISLA TRIXY LUPIN (P) (643847680)
gd. STRATHISLA TRIXY (H) (603802590)

NOTES: Paddy has a very quiet temperament and is out of an easy calving sire who has bred some tremendous females which have been retained in the herd. He has been semen tested and individually tested clear for BVD, IBR, Lepto and Johnes. May be viewed prior to sale by arrangement.

MRS FIONA DAVIDSON **PEN 270**

68 FORDIE PUMA (P) Twin
(673804477) Roan Born:23/02/2020 UK531316-600030
Myostatin: E226X-0 , F94L-0 , NT419-0 , NT821-0
gs. BARNAIGH HIGHWAYMAN (H) (613803126)
Sire - COXHILL LUKE (H) (633804706)
gd. LARGYVALE ALAMO URYMAID (P) VG 86(603802140)
gs. ROWANLEA DUKE (P) (593801286)
Dam - CRICHTON PATSY 780 (H) (623802928)
gd. CRICHTON PATSY 647 (H) (603801415)

	January 2022 Beef Shorthorn							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs	+1.0	--	+0.0	+1.0	+13	+22	+29	+8
Accuracy	25%		31%	64%	48%	41%	43%	26%
Avg 19 Calves	**-0.7**	**-0.5**	**-0.3**	**+1.7**	**+19**	**+31**	**+40**	**+6**

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**	**Maternal Index**
EBVs	--	+20	--	--	--	--	+20	+19	+20
Accuracy		26%							
Avg 19 Calves	**+0.2**	**+28**	**+1.8**	**-0.1**	**+0.6**	**-0.1**	**+28**	**+28**	**+23**

ALISON WATT **PEN 272**

69 SPARTAN PREFECT (H)

(673802459) Roan Born:09/04/2020 UK528372-500147

Myostatin: E226X-1 , F94L-0 , NT419-0 , NT821-0

gs. ALVIE BLUE EYEDBOY (H)(ET) (553800689)

Sire - HOUSEBYRES JETHRO TULL (H) (623800373)

gd. LETTERFINLAY ELIZABETH RAMSDEN (H) (583801303)

gs. SPARTAN GILLEAN (P) (603802735)

Dam - SPARTAN LANCASTER LUPIN (P) (663802887)

gd. FINGASK LANCASTER FOXGLOVE (H) (593802838)

NOTES: Prefect has an excellent temperament. He was purchased at foot with his dam from the Spartan herd dispersal. His sire was an easy calving bull with tremendous stature. He is semen tested and individually tested clear for BVD, IBR, Lepto and Johnes. May be viewed prior to sale by arrangement.

SALERS BULLS

JACK SLEIGH & SONS LTD **PEN 273**

70 TOLQUHON PLANET

AI Horned Red Myostatin: M0 Born 22/03/2020 (UK521402302872)

gs. Asterix(1525377097)

Sire – Halley(SIM201202)

gd. Patou(1519095979)

gs. Tolquhon Christophe(AAS2013019)

Dam – Tolquhon Alida 3(UK521402602413)

gd. Tolquhon Alida 2(UK521402501600)

NOTES: Halley is a very thick bull and leaves very milky daughters.

RIGEL PEDIGREE **PEN 274**

71 RIGEL PRESTON POLL

Polled Red Myostatin: M0P Born 21/05/2020 (UK122086102035)

gs. Rigel Verdun Poll(PYE2012027)

Sire - Rigel Mojave Blk Poll(UK122086401835)

gd. Rigel Sahara Poll(PYE2011062)

gs. Rigel Byron Poll(PYE2010030)

Dam - Rigel Papyrus Blk(UK122086301883)

gd. Rigel Paprika(PYE2014622)

NOTES: Polled, strong conformation, low birth weight for easy calving, and large pelvic area for easy calving daughters. Myostatin free. BVD & IBR marker vaccinated. TB4 (last herd test March 2019) Biobest Hi-Health scheme accredited for BVD, RL1 for Johnes (10 consecutive clear tests) and routine testing clear for IBR and Lepto. The herd is BREEDPLAN performance recorded. For more information see our Facebook page www.facebook.com/rigel.salers/

	December 2021 Salers BREEDPLAN Analysis							
	Calving Ease Dir. (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Milk
EBVs			-0.7	-0.2	+7	+11	+19	+3
Accuracy			42%	70%	67%	65%	62%	40%
Avg 19 Calves			**-0.1**	**+0.9**	**+11**	**+16**	**+20**	**+5**

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	**Terminal Sire Index**	**Self Replacing Index**
EBVs	-1.6	+15	--	-0.2	+0.3	--		
Accuracy	64%	53%		27%	25%			
Avg 19 Calves	**+0.3**	**+13**	**+0.6**	**+0.1**	**-0.1**	**+0.0**		

REGISTERED LIMOUSIN FEMALES

Lot MR & MRS J PENNY **PEN 277**

72 SHANNAS RENATA

Born 02/04/2020 **PAS20-2663** **UK 520782/502663**

Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. FENOMEN 87-28-891-777

ggs. DIAMANT 19-32-949-798

Sire PROCTERS NOAH PFD17-1234

ggd. BOUCLEDOR 87-28-891-326

gd. GREENWELL ANETTE NK05-026

ggs. TANIN 19-31-629-088

ggd. GREENWELL LENETTE NK95-029

gs. GOLDIES EMPEROR GS09-055

ggs. AMPERTAINE BRAVO MGD06-002

Dam SHANNAS MARTHA PAS16-2227

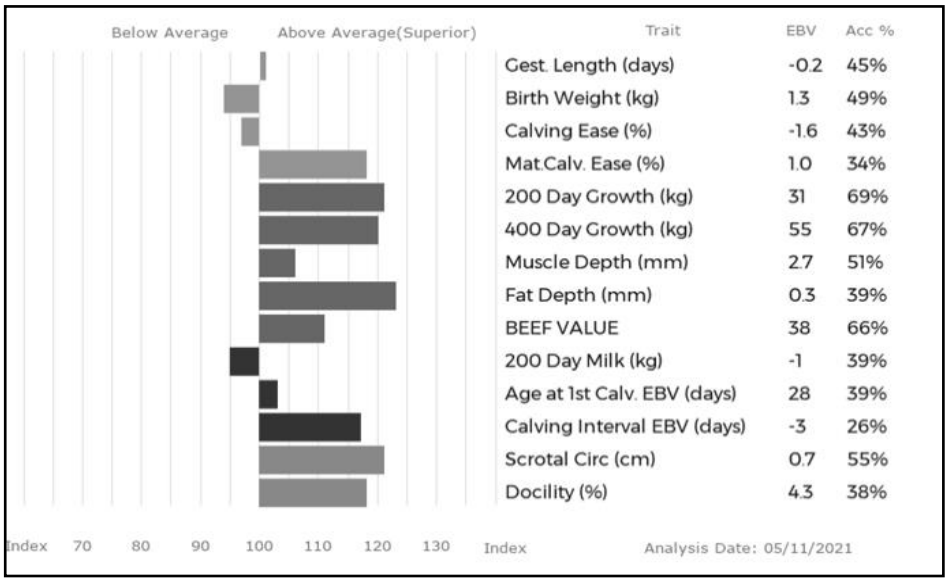
ggd. GOLDIES VITALITY GS04-613

gd. SHANNAS EARTHA PAS09-712

ggs. GLENTURK ASTOUNDING AX05-001

ggd. SHANNAS ULRIKA PAS03-298

NOTES: Shannas Limousins - 70% of our calves born in 2020 were heifers so we are offering 6 by our stock sires. All born unassisted and out of good milky cows. Johnes level 1 since 2009. BVD accredited since 2008 and vaccinated.



Adjusted	Wts(kg)
100	170
200	298
300	411
400	0
500	0
Scanned	NO

Lot MR & MRS J PENNY **PEN 278**

73 SHANNAS ROSE

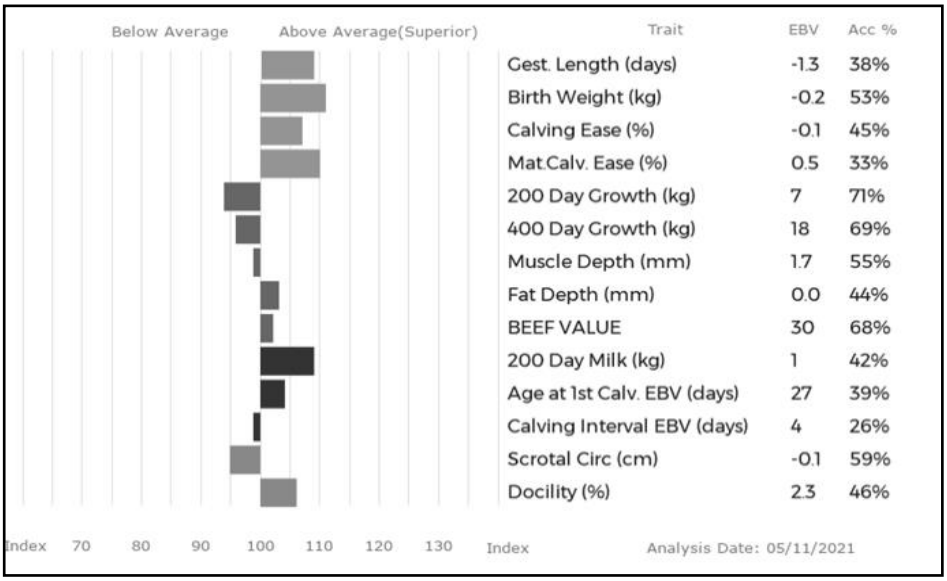
Born 06/04/2020 **PAS20-2677** **UK 520782/502677**

Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. POWERFUL IRISH IE121704080130	ggs. HALTCLIFFE DANCER RP08-753
Sire ANSIDE LEXION IF15-0860	ggd. CLONLARA VIXEN IE131837830040
gd. ANSIDE GAGA IF11-602	ggs. FREWSTOWN BREAKDANCE FBH06-164
	ggd. ANSIDE VERONICA IF04-239
gs. DYKE THUNDER MJF02-010	ggs. HALTCLIFFE PRESIDENT RP99-029
Dam SHANNAS DAISY PAS08-635	ggd. DYKE MARTINI MJF96-005
gd. SHANNAS SPEEDWELL PAS01-190	ggs. RONICK JALOPY DY94-064-FOT
	ggd. SHANNAS NIKE PAS97-084

NOTES: Shannas Limousins - 70% of our calves born in 2020 were heifers so we are offering 6 by our stock sires. All born unassisted and out of good milky cows. Johnes level 1 since 2009. BVD accredited since 2008 and vaccinated.



Adjusted	Wts(kg)
100	173
200	315
300	427
400	0
500	0
Scanned	NO

Lot MR & MRS J PENNY **PEN 279**

74 SHANNAS RYNETH

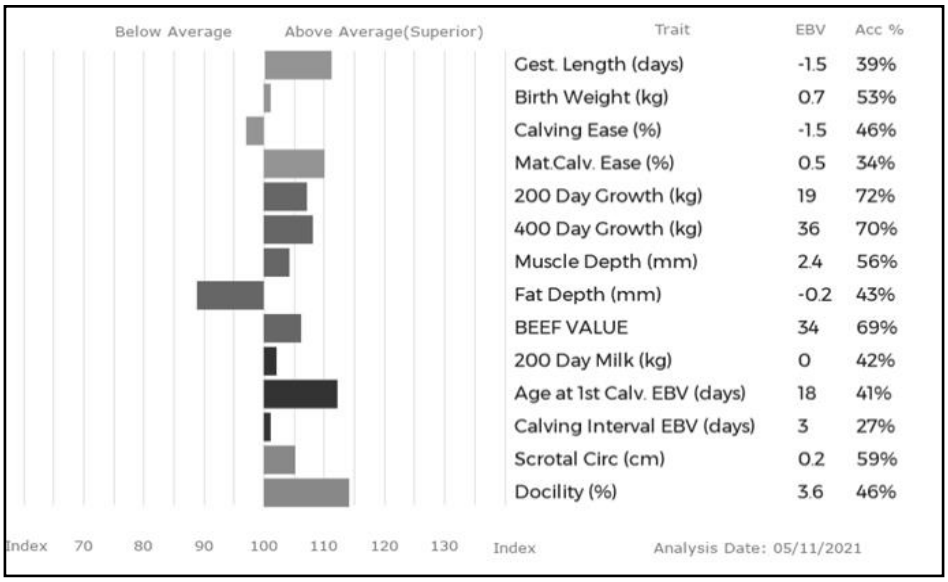
Born 06/04/2020 **PAS20-2678** **UK 520782/602678**

Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. POWERFUL IRISH IE121704080130	ggs. HALTCLIFFE DANCER RP08-753
Sire ANSIDE LEXION IF15-0860	ggd. CLONLARA VIXEN IE131837830040
gd. ANSIDE GAGA IF11-602	ggs. FREWSTOWN BREAKDANCE FBH06-164
	ggd. ANSIDE VERONICA IF04-239
gs. CRAIGATOKE BART CDZ06-009	ggs. HALTCLIFFE UNDERWRITER RP03-003
Dam SHANNAS GWYNETH PAS11-946	ggd. CRAIGATOKE URBANE CDZ03-033
gd. SHANNAS URSULA PAS03-287	ggs. RONICK JALOPY DY94-064-FOT
	ggd. SHANNAS HOPE PAS92-002

NOTES: Shannas Limousins - 70% of our calves born in 2020 were heifers so we are offering 6 by our stock sires. All born unassisted and out of good milky cows. Johnes level 1 since 2009. BVD accredited since 2008 and vaccinated.



Adjusted	Wts(kg)
100	179
200	321
300	441
400	0
500	0
Scanned	NO

Lot MR & MRS J PENNY **PEN 280**

75 SHANNAS ROXANNE

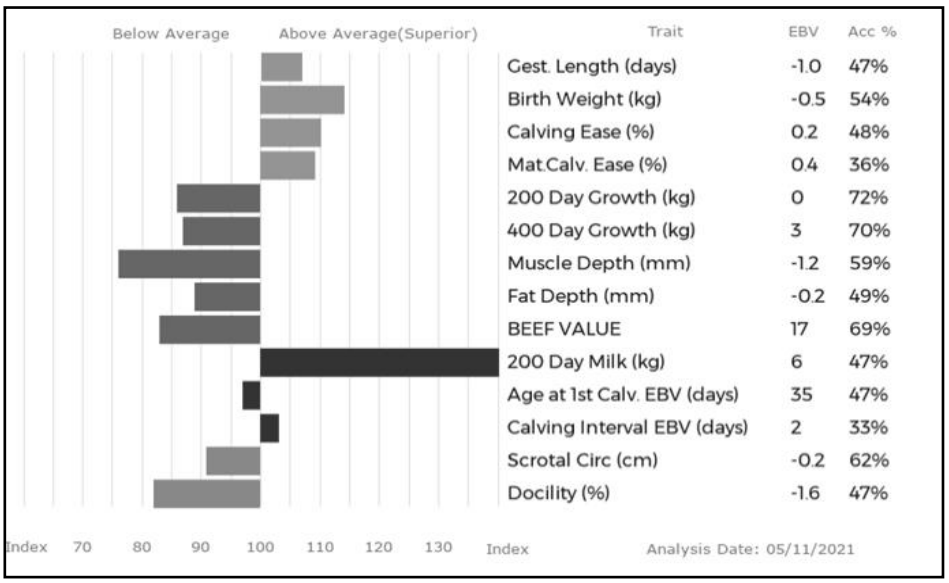
Born 12/04/2020 **PAS20-2690** **UK 520782/402690**

Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. AMPERTAINE ELGIN MGD09-039	ggs. GLENROCK VENTURA IE04-432
Sire AMPERTAINE HITMAN MGD12-027	ggd. AMPERTAINE CARLA MGD07-036
gd. AMPERTAINE VANITY MGD04-005	ggs. PROCTERS ROCCO PFD00-066
	ggd. SHANNAS SONITA PAS01-181
gs. PROCTERS ROCCO PFD00-066	ggs. NEUTRON 16-97-124-166
Dam SHANNAS FAME PAS10-800	ggd. GREENWELL LEIHA NK95-033
gd. SHANNAS ULRIKA PAS03-298	ggs. RONICK JALOPY DY94-064-FOT
	ggd. SHANNAS LULU PAS95-023

NOTES: Shannas Limousins - 70% of our calves born in 2020 were heifers so we are offering 6 by our stock sires. All born unassisted and out of good milky cows. Johnes level 1 since 2009. BVD accredited since 2008 and vaccinated.



Adjusted	Wts(kg)
100	186
200	318
300	423
400	0
500	0
Scanned	NO

Lot MR & MRS J PENNY **PEN 281**

76 SHANNAS ROXY

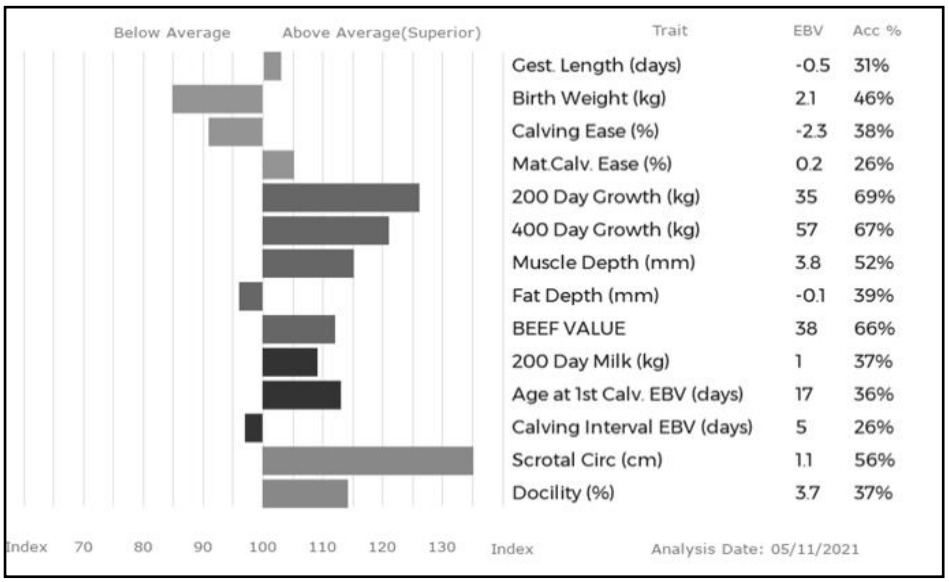
Born 16/04/2020 **PAS20-2694** **UK 520782/102694**

Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. ALAGILS INKERMAN MWF13-0240	ggs. VAGABOND 24-24-484-782
Sire SHANNAS MAGNATE PAS16-2184	ggd. ALAGILS DIXIECHICK MWF08-075
gd. SHANNAS ISCA PAS13-1905	ggs. CRAIGATOKE BART CDZ06-009
	ggd. SHANNAS TOSCA PAS02-255
gs. CRAIGATOKE BART CDZ06-009	ggs. HALTCLIFFE UNDERWRITER RP03-003
Dam SHANNAS JOLLITY PAS14-2018	ggd. CRAIGATOKE URBANE CDZ03-033
gd. SHANNAS ALACRITY PAS05-459	ggs. PROCTERS ROCCO PFD00-066
	ggd. SHANNAS SERENDIPITY PAS01-177

NOTES: Shannas Limousins - 70% of our calves born in 2020 were heifers so we are offering 6 by our stock sires. All born unassisted and out of good milky cows. Johnes level 1 since 2009. BVD accredited since 2008 and vaccinated.



Adjusted	Wts(kg)
100	200
200	356
300	472
400	0
500	0
Scanned	NO

Lot MR & MRS J PENNY **PEN 282**

77 SHANNAS ROBERTA

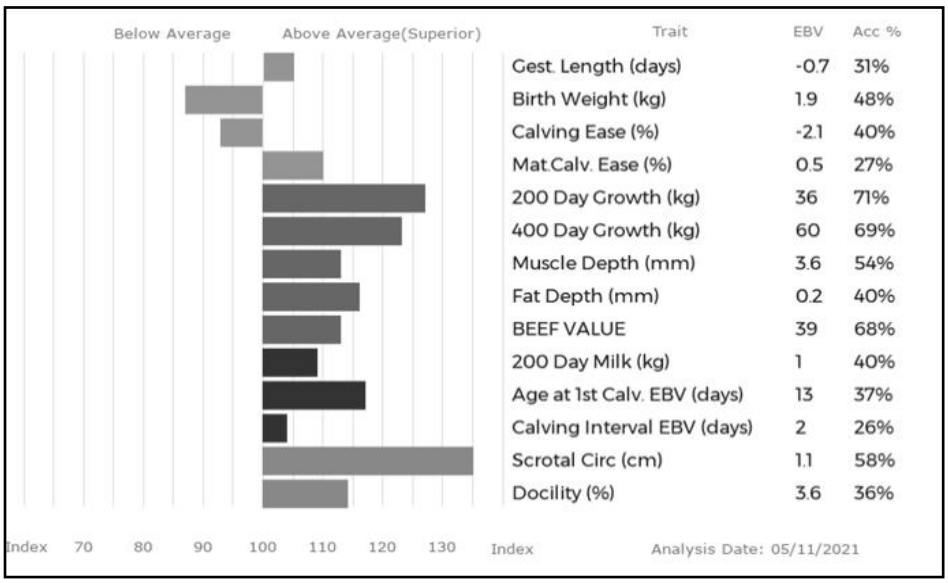
Born 18/04/2020 **PAS20-2696** **UK 520782/302696**

Natural Calf

Myostatin: not tested Gen. Colour: not tested Polled: not tested

gs. ALAGILS INKERMAN MWF13-0240	ggs. VAGABOND 24-24-484-782
Sire SHANNAS MAGNATE PAS16-2184	ggd. ALAGILS DIXIECHICK MWF08-075
gd. SHANNAS ISCA PAS13-1905	ggs. CRAIGATOKE BART CDZ06-009
	ggd. SHANNAS TOSCA PAS02-255
gs. GLENTURK ASTOUNDING AX05-001	ggs. GRAHAMS ROCKSOLID GV00-073
Dam SHANNAS EARTHA PAS09-712	ggd. LUTTRELLSTOWN HELEN LUTH-022
gd. SHANNAS ULRIKA PAS03-298	ggs. RONICK JALOPY DY94-064-FOT
	ggd. SHANNAS LULU PAS95-023

NOTES: Shannas Limousins - 70% of our calves born in 2020 were heifers so we are offering 6 by our stock sires. All born unassisted and out of good milky cows. Johnes level 1 since 2009. BVD accredited since 2008 and vaccinated.



Adjusted	Wts(kg)
100	205
200	362
300	473
400	0
500	0
Scanned	NO

PRIZE LIST

Class		1st	2nd	3rd	4th
1.	Charolais Bull				
2.	Charolais Bull				
CHAROLAIS CHAMPION					
CHAROLAIS RESERVE CHAMPION					
3.	Limousin Bull				
4.	Limousin Bull				
LIMOUSIN CHAMPION					
LIMOUSIN RESERVE CHAMPION					
5.	Simmental Bull				
6.	Simmental Bull				
SIMMENTAL CHAMPION					
SIMMENTAL RESERVE CHAMPION					
7.	Aberdeen-Angus Bull				
ABERDEEN-ANGUS BULL CHAMPION					
ABERDEEN-ANGUS BULL RESERVE					
8.	Any Other Breed of Bull				
ANY OTHER BREED OF BULL CHAMPION					
ANY OTHER BREED OF BULL RESERVE					
OVERALL CHAMPION BULL					

NOTES

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