



HARRISON & HETHERINGTON

Farmstock Auctioneers, Brokers & Valuers

AUTUMN SALE OF PEDIGREE CATTLE

FRIDAY 2nd OCTOBER 2020



TO BE HELD AT

BORDERWAY MART | CARLISLE | CUMBRIA | CA1 2RS

SPECIAL RULES FOR BUYERS/CUSTOMERS TO COVER COVID-19 REGULATIONS

This information is correct at the time of printing and is subject to changes in Government Guidelines or Directives regarding the control of the spread of COVID-19

- **Potential purchasers MUST REGISTER with Harrison & Hetherington Ltd prior to the sale and again upon entry to the market Tel: 01228 406200 or email: info@borderway.com**
- Please remember that purchaser spaces will be limited, so only **ONE** person per business will be allowed entry
- **No children under 16 years old will be able to attend the sales and this must be strictly adhered to as entry will be refused**
- Pregnant ladies must not attend the sale
- 2m social distancing must be observed wherever possible
- Viewing will be regulated by a one-way system throughout the mart and is to be permitted for registered buyers only. Please refer to individual sales for the respective Viewing days and times
- **Face coverings are mandatory** for all persons entering the mart. These must be worn without exception while in the market including the sales rings and pens
- To facilitate the Test and Trace system, all customers/visitors will be required to sign into the market. This process will include a declaration that they have not been in contact with anyone displaying symptoms of COVID-19, nor are displaying symptoms personally
- Hand sanitiser stations will be available throughout the mart; however, it is strongly recommended that both consignors and buyers have an adequate personal supply and to use it regularly
- Please follow instructions from market staff and security staff. A private security firm will be in attendance to assist H&H in ensuring social distancing is observed wherever possible
- **Strictly no private videoing/broadcasting on Social media, or phones etc in the pens or ring**
- If you are unable or do not wish to attend the mart but would like to bid on animal(s), then the auctioneers will faithfully execute commission bids for buyers. Please contact them and put your instructions in writing 48 hours in advance of the sale. Alternatively, you can arrange to make a telephone bid during the sale

Live Stream Bidding - everyone is encouraged to register for this facility. This can be used to bid from home or remotely from other areas in the market.

You can register via website - <https://harrisonandhetherington.co.uk/live-streaming/>

Please be kind and respect each other to ensure everyone keeps safe at all times

GENERAL INFORMATION

BIOSECURITY – Intending purchasers are requested to have livestock vehicles cleansed and disinfected. Vendors will be required to wash out their livestock vehicles after unloading.

Your co-operation and understanding is appreciated during this challenging time.

Catalogue of the

AUTUMN CATTLE SALES OF PEDIGREE CATTLE

ABERDEEN ANGUS CATTLE

8 BULLS

BRITISH BLUE CATTLE

14 BULLS, 2 FEMALES

EMBRYOS & QUANTITY OF SEMEN

BEEF SHORTHORN CATTLE

2 BULLS

BLONDE CATTLE

6 BULLS

CHAROLAIS CATTLE

24 BULLS

Followed by draft sale from the Laverock Herd

13 Cows & Heifers & 1 Bull

(See separate Catalogue)

HEREFORD CATTLE

10 BULLS & 6 FEMALES

Sale 10.30am

Friday 2nd October 2020



Auctioneers

HARRISON & HETHERINGTON

Farmstock Auctioneers, Brokers & Valuers

Head Office: Borderway Mart Rosehill Carlisle CA1 2RS

Telephone: 01228 406230 – Fax: 01228 406231

E-mail: info@borderway.com Website: www.harrisonandhetherington.co.uk

HARRISON & HETHERINGTON LTD

NOTICE TO PURCHASERS

Business trading terms and settlement of purchases

Payment due on Day of Purchase

Interest chargeable from date of purchase at 7.25%

over Clydesdale Bank base rate at the time, for accounts in default

Purchases shall be governed by and construed in accordance with the law in
England and Scotland

Accepted form of payments

direct bank transfer; debit card; cheque - known customers only; bankers draft

2% surcharge will apply to Business Credit Card payments

If payment is made by credit card, it must be linked to a business bank account

Completion of a Buyers Slip is essential for parties who have not dealt
with the Company before.

No Lots can leave the market without a 'Pass Slip' being issued by the
main office.

New customers and or agents wishing to purchase on behalf of another party
must contact the company's main office at Carlisle at least 48 hours prior to
sale, to provide full details and references for authorisation

Please note that all lots/items must be settled on the day of purchase and prior
to clearance of any stock

For the avoidance of doubt H&H reserve the right to contra or keep sale proceeds
to offset against an outstanding account.

Purchasers From Outside the United Kingdom

Invoices will be raised in pounds sterling



HARRISON & HETHERINGTON

Farmstock Auctioneers, Brokers & Valuers

IMPORTANT NOTICE TO PROSPECTIVE PURCHASERS

ALL LOTS MUST BE SETTLED ON THE DAY OF PURCHASE

Parties who have not dealt with the company before should complete the undernoted form
and hand it in to the auctioneers' clerk when a purchase is made.

Alternatively it can be sent to the main office in advance of the sale.

SALE

TRADING NAME

PARTNERS NAMES (if applicable)

.....

.....

FULL POSTAL ADDRESS

.....

.....

.....

POSTCODE

TEL. NO.

HOLDING NO. FLOCK No.

DESTINATION DETAILS OF ANIMALS IF DIFFERENT FROM ABOVE

CPH POST CODE

2020 LIST OF ACCOMMODATION WITHIN EASY REACH OF BORDERWAY MART**Farm House Accommodation**

Brookside Bred & Breakfast, Warwick Bridge, Carlisle CA4 8VE Tel: 01228 560250
www.brooksidebnb.co.uk

Janice Byers, Midtown Farm B & B, Easton, Wigton, Cumbria CA7 5DL Tel: 01228 576550
www.midtown-farm.co.uk

Mount Farm Bed & Breakfast, Mount Farm, Blackford, Carlisle CA6 4ER Tel: 01228 674641
www.mount.farmbandb.co.uk

Guest House Accommodation

Crossroads House, Brisco, Carlisle CA4 0QZ Tel 01228 528994
www.crossroadshouse.co.uk

Howard Lodge Guest House, 90 Warwick Road, Carlisle CA1 1JU Tel: 01228 529842
www.howard-lodge.co.uk

Town House B&B, 153 Warwick Road, Carlisle CA1 1LU Tel: 01228 598782
www.townhousebandb.com

Warwick Lodge Guest House, 112 Warwick Road, Carlisle CA1 1LF Tel: 01228 523796
www.warwicklodgecarlisle.co.uk

Hotels

*Greens at Gretna, Glasgow Road, Gretna, Dumfriesshire DG16 5FG Tel: 01461 337621
www.greensatgretna.co.uk

*Gretna Hall, Gretna Loaning, Gretna Green, Dumfries & Galloway DG16 5DY
Tel 01461 337621 www.gretnahallhotel.com

*Smiths Hotel, Headless Cross, Gretna Green, Dumfries & Galloway Tel: 01461 337007
www.smithsgretnagreen.co.uk

*Crown Hotel, Station Road, Wetheral, Carlisle Tel: 01228 561888
www.crownhotelwetheral.co.uk

Angus Hotel 14-16 Scotland Road, Carlisle CA3 9DG Tel: 01228 523546
www.angus-hotel.co.uk

Farlam Hall, Country House Hotel, Brampton, Cumbria CA8 2 NG Tel: 016977 46234
www.farlamhall.co.uk

Pinegrove Hotel, 262 London Road, Carlisle CA1 2QS Tel: 01228 524828
www.pinegrovehotel.co.uk

*Customers of H&H offered a Special Rate

BIO SECURITY RULES
HARRISON & HETHERINGTON LIMITED, BORDERWAY MART, CARLISLE
Notice to all Visitors and Traders

Please read and observe the following:

- Excessive dirty vehicles will not be allowed entry, therefore ensure vehicle is clean before arrival.
- All vehicles transporting livestock will be subject to a documentation check before entry to market site.
- All visitors and traders must ensure they wear clean clothing and footwear before entering market site.
- All visitors and traders using car park areas please use main entrance.
- Hauliers and farmers delivering livestock must disinfect their boots before and after loading or unloading.
- Livestock purchased or unsold will not be allowed to move unless an authorised "pass slip" has been issued by the main office.
- No livestock will be allowed to remain on the premises after a sale.
- Only staff, livestock hauliers, owners or their agents are permitted to load or unload livestock.
- Wash hands thoroughly when leaving pennage areas.
- Please observe our staff's instructions at all times.

Our on site Biosecurity Officer, Stuart Graham, will only be too pleased to give you assistance.



hhgroupplc.co.uk



First in the Field...

General Information & Sale Notes

LOCATION: BORDERWAY MART, CARLISLE – Leave M6 motorway at junction 43 and follow Carlisle signs. The market is on the left hand side of the road within 1/4 mile of M6. For Sat. Navs. postcode is CA1 2RS.

BORDERWAY MART, CARLISLE CPH No – 08/067/8019

Timetable of Events:-

Thursday 1 st October	Arrival of Stock 2pm - 6pm
Friday 2 nd October	Arrival of Stock 7am - 9.00am

Pre-Sale Inspection - All Breeds 8.00am - 10.00am
Sale - 10.30am

Method Of Sale: All cattle will be sold in guineas (105 pence) and strictly in catalogue order, unless any alteration is announced by the Auctioneers.

Reserve Prices: Vendors shall have the right to refuse to accept the final bid for their animals, or to fix a Reserve Price, which must be notified to the Auctioneers in writing before or at the time their animal enters the Sale Ring. The auctioneers reserve the right to charge half commission on the amount of the final bid in the case of animals which fail to reach the Vendors reserve price. All animals will be sold in guineas (105 pence) and a commission of 5.25% will be charged by the Auctioneers on all sales.

Commissions: The Auctioneers will dutifully execute commissions to purchase for buyers unable to attend the sale personally, upon receipt of written instructions.

Settlement And Clearance Of Stock: Settlement in full is due immediately at the close of Sale. No animal may leave the Sale Premises without an official 'Pass Slip', obtainable only from the Auctioneers upon settlement.

Animal Welfare: Vendors and Purchasers should note the CODE OF PRACTICE published by the Livestock Auctioneers' Market Committee for England and Wales IS OPERATIVE IN BORDERWAY MART and that weakly, unhealthy or injured stock will be refused entry by the Auctioneers. Enquiries should be directed through the market office to the Auctioneers' ANIMAL HEALTH and WELFARE OFFICER (Mr Andrew Templeton).

Registrations: All stock in the sale are registered with the respective breed societies.

Insurance: A representative of H & H Insurance Brokers, will be present at the sale and will be pleased to quote Purchasers for transit and other risks.

Hotels: There are many hotels within the area, ranging from four star to excellent Bed and Breakfast accommodation, a list of which may be found on page 4 of the catalogue

ABERDEEN ANGUS

Conditions of sale - The Aberdeen Angus Cattle Society have adopted the Auction Rules and Conditions of Sale drawn up by the N.B.A. This Sale is held subject to these rules and the Auctioneers' General Conditions of Sale, both available on request. In the event of any discrepancy between the two sets of conditions, the N.B.A. Conditions of Sale shall prevail.

Transfers: Official Pedigree Transfer will be effected by the Auctioneers and the Aberdeen Angus Society as soon as possible after the Sale. Full pedigrees will be transferred free of charge to all members.

Upset Price: There is an 'upset' price of 1800gns on bulls.

Society Levy: A further 1 1/2 % will be charged as a Levy to the Vendor paid to the Aberdeen Angus Society.

Pre-Sale Inspection: "All animals (except in the case of bona-fide dispersals) are subject to pre-sale inspections by The Aberdeen Angus Cattle Society in order to establish identity and to prove a minimum standard. Such inspections however do not imply any liability or warranty by The Aberdeen Angus Cattle Society for animals sold, such liability remains the responsibility of the vendor. Animals are sold with all patent defects and any subsequent claim is against the vendor and not The Aberdeen Angus Cattle Society."

BRITISH BLUE

Conditions of sale - The British Blue Cattle Society have adopted the Auction Rules and Conditions of Sale drawn up by the N.B.A. The Sale is held subject to these rules and the Auctioneers' General Conditions of Sale, both available on request. In the event of any discrepancy between the two sets of conditions, the N.B.A. Conditions of Sale shall prevail. Copies available on request from the British Blue Cattle Society.

Transfers: Official Pedigree Transfer will be effected by the Auctioneers and the Aberdeen Angus Society as soon as possible after the Sale. Full pedigrees will be transferred at a fee of £13.90 (+VAT) payable by the vendor.

Upset Price: There is an 'upset' price of 1500gns on bulls.

Society Levy: The British Blue Cattle Society's Sale levy amounting to 1% of sale price, will be deducted by the Auctioneers from the proceeds of sale.

Pre-Sale Inspection: All animals entered for the sale must be available for inspection in the sale premises by a panel of inspectors, including a qualified Veterinary Officer. The Inspectors will have regard to general health and genetic defects, particularly mouth, teeth, eyes, testicles, locomotion and general conformation. Any animal discovered with a genetic fault, disease, disorder or is considered by the panel to be not in a proper and healthy condition to be presented as representing a good specimen of the breed will be REJECTED and the Entry Fee forfeit. Animals will be placed in a crush for this inspection - as required by the inspectors. **No pedigree or grade registered stock, entered for the sale, shall have horns.**

Two Society Members will form an appeal committee, one of whom will be a society council member. The appeal committee will be elected prior to the sale. If any exhibitor feels the need to formally lodge an appeal against the result of an inspection, they must from the beginning speak ONLY to the Chief Inspector. He will then ask for a deposit of £20 from the exhibitor. The appeal committee will then carry out their own inspection of the animal and their decision will be final. The deposit will only be returned if the appeal is successful.

BEEF SHORTHORN

Conditions Of Sale: The Beef Shorthorn sale is a Society Supported Sale and will be sold under the Livestock Association Conditions of Sale.

Transfers: If the purchasers requires the pedigree to be transferred Into their ownership, the purchasers will be required to pay a fee of £25+VAT.

Pre-Sale Inspection - As the sale is a Society Supported Sale, no official Society inspection procedure is required. There will only be an Identification Inspection of the sale cattle.

BLONDE

Conditions Of Sale: The British Blonde Cattle Society have adopted the Auction Rules and Conditions of Sale drawn up by the N.B.A. This Sale is held subject to these rules and the Auctioneers' General Conditions of Sale, both available on request. In the event of any discrepancy between the two sets of conditions, the N.B.A. Conditions of Sale shall prevail.

Transfers: Official Pedigree Transfers will be effected by the Auctioneers and the British Blonde Society as soon as possible after the Sale. A fee of £15 + VAT per lot will be charged to the Purchaser at the point of sale.

Upset Price: There will an 'upset' price of 2000gns on bulls.

Society Levy: A Society levy of 2% of the sale price (after the deduction of Auctioneer's commission) will be charged by the Society on the sale of all animals. This levy will be deducted from the Vendor's statements by the Auctioneers, before settlement, and paid to the British Blonde Society.

Pre-Sale Inspection: All Animals entered for the sale must be available for inspection in the sale premises as per the timetable of events. An Official Inspector, appointed by the Society may order the rejection of any animal, in their opinion, is below the required standard of conformation and/or condition and does not represent a good specimen of the Breed.

IF THE INSPECTORS CONSIDOR THERE HAS BEEN ANY PRE-INSPECTION PREPERATION DESIGNED TO DISGUISE AN UNACCEPTABLE CONDITION THAT ANIMAL WILL BE REJECTED.

The Veterinary Office will examine all animals forward, for general health and genetic defects, and any animal with a genetic fault, disease or disorder will be REJECTED. Animals will be placed in a crush for this inspection- as required by the Veterinary Officer. The Veterinary Inspection will form an integral part of the pre-sale inspection procedure.

ANY ANIMAL REJECTED DURING THE PRE-SALE INSPECTION WILL BE OFFERED IN SALE ORDER, BUT ONLY AT THE AUCTIONEERS DISCRETION.

CHAROLAIS

Conditions Of Sale: The sale will be held subject to the Auction Rules and Conditions of Sale drawn up by the British Charolais Cattle Society (based on the National Beef Association (Terms and Conditions of Sale).

Transfers: Official Pedigree Transfer Certificates will be dealt with by the Auctioneers and the Breed Society as soon as possible after the Sale. Full Pedigrees will be transferred free of charge to all members.

Upset Price: There will be an 'upset price of 2000gns on bulls.

Society Levy: A Society levy of 1% will be charged and paid to the Charolais Society.

Pre-Sale Inspection: All Animals entered for the sale must be available for inspection in the sale premises as per the timetable of events.

A Veterinary Officer, appointed by the Society, will check the animals teeth and in the case of bulls, testicles measure up to the minimum BCCS standard. They will also check for any contagious diseases. The Officially appointed BCCS stewards will check the animals for any patent defects, such as lameness etc. The animals will also be weighed to make sure that they comply with the Charolais Cattle Society weight for age.

Please contact the Society for full details. British Charolais Cattle Society 02476 697222.

HEREFORD

Conditions Of Sale: Sale is held subject to the Conditions of Sale and Sale Regulations of the Hereford Cattle Society.

Transfers: Official Pedigree Transfers will be effected by the Auctioneers and the Hereford Cattle Society as soon as possible after the Sale. Full Pedigrees will be transferred to all members, a fee of £24 +VAT is payable by the vendor.

Pre-Sale Inspection: All Animals entered for the sale must be available for inspection in the sale premises as per the timetable of events. Please contact the Society for full details. Hereford Cattle Society 01432 272057.

Important Notice to Vendors

Arrival Of Stock: As per timetable of events (page 6).

UK Tags/Tattoo Marks - All cattle entered for the Sale will have their UK Tags/Tattoo marks examined as an integral part of the pre sale inspection procedure. Any marks found to have faulty, incorrect or illegible marks will be REJECTED from the Sale. Vendors are therefore urged, in their own best interests, to examine the UK Tags/Tattoo marks of Sale cattle before the animal(s) leave their farm, so that faulty marks can be rectified in accordance with the required Society procedures.

No animal may be sold privately before being passed through the Auction Ring and FULL COMMISSION will be charged on the sale of any animal sold by private treaty after the auction. All such transactions MUST BE PASSED THROUGH THE AUCTIONEERS OFFICE.

Straw: A limited amount of bedding straw will be provided by the Auctioneers.



Farmers
Guardian

Auction Finder

Your one stop shop for all
agricultural sales

AuctionFinder.co.uk

H&H Land & Estates



**At H&H Land & Estates,
we pride ourselves on
our professional integrity
and friendly service we offer.**

- Property Sales & Lettings
- Valuations & AMC Agents
- Rural & Property Estate Management
- Conservation and Environment
- Grants & Scheme Advice
- Landlord & Tenant
- Planning and Development Land
- Forestry & Woodland Management



01228 406260
hhlandestates.co.uk



An H&H Company

ABERDEEN ANGUS VENDORS INDEX

R C S & C F E ADDISON	(KINGS MEABURN)	2
GREYSTONE HOUSE, KINGS MEABURN, PENRITH, CA10 3BU		
<ul style="list-style-type: none"> Herd last tested clear from TB in 2020 Currently on a 6 month TB testing interval Member of SAC Premium Cattle Health Scheme Accredited free from BVD Herd testing for BVD Routinely vaccinating against BVD Johnes Risk Status Level 2 		
D EVANS	(TREE BRIDGE)	5, 6
TREE BRIDGE FARM, NUNTHORPE, MIDDLESBROUGH, TS7 0NS		
<ul style="list-style-type: none"> Herd last tested clear from TB in 2016 Currently on a 4 year TB testing interval Member of Biobest Herdcare Accredited free from BVD Herd testing for BVD Routinely vaccinating against BVD Routinely vaccinating against IBR Accredited free from Lepto Herd testing for Lepto Johnes Risk Status Level 1 		
N F MASSIE & SONS	(BLELACK)	4
BLELACK FARM, DINNET, AB34 5NH		
<ul style="list-style-type: none"> 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 Routinely vaccinating against BVD Johnes Risk Status Level 2 		
JULIET H SWIRES	(CRAGG)	1
CRAGG HOUSE FARM, WILSILL, HARROGATE, HG3 5EE		
<ul style="list-style-type: none"> Herd last tested clear from TB in 2017 Currently on a 4 year TB testing interval Member of SAC Premium Cattle Health Scheme Accredited free from BVD Routinely vaccinating against BVD Accredited free from IBR Routinely vaccinating against IBR Accredited free from Lepto Controlled Routinely vaccinating against Lepto Johnes Risk Status Level 1 		
DR WILLIAM & MRS MARGARET TAYLOR	(CROOK HILL)	7, 8
CROOK HILL FARM, STOCKSFIELD, NORTHUMBERLAND, NE43 7UX		
<ul style="list-style-type: none"> 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 Herd testing for BVD Routinely vaccinating against BVD Herd testing for IBR accreditation pending Routinely vaccinating against IBR Accredited free from Lepto Herd testing for Lepto Johnes Risk Status Level 1 		
CHRISTOPHER D TIMM ESQ	(WENSLEYDALE)	3
WEST FARM, BLANSBY PARK LANE, PICKERING, YO18 8JY		
<ul style="list-style-type: none"> Herd last tested clear from TB in 2017 Currently on a 4 year TB testing interval Member of Biobest Herdcare Accredited free from BVD Routinely vaccinating against BVD Herd testing for IBR Routinely vaccinating against IBR Johnes Risk Status Level 1 		

Disclaimer: The health information above is supplied by or on behalf of the breeder. The health status of individual animals may differ from the herd declaration.

For the most up to date health status check the pen card above the animal.

The responsibility for the accuracy of the information rests solely with the breeder and not The Aberdeen-Angus Cattle Society.

ABERDEEN ANGUS BULLS

Lots 1 - 8 (8 entries)

LOT JULIET H SWIRES

1 CRAGG LORD LYDON U151

Myostatin. Single Version Carrier Born 08/04/2018 (UK124270 700151)

gs. RAWBURN JULIO ERIC L249(UK562106 601249)

Sire - JERUSALEM GALILEO R336(UK104007 600336)


gd. JERUSALEM GOLDOVERA K175(UK104007 600175)


gs. NETHERTON FERGIE L651 (ET)(UK542697 600651)

Dam - CRAGG LADY LYDIA P110(UK124270 100110)

gd. CRAGG LADY LYLA J066(UK124270 600066)



	September 2020 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	-7.5	-4.3	-	+5.2	+42	+81	+102	-
Accuracy	35%	32%		49%	47%	47%	45%	
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	-	+0.5	+4.3	-3.5	+2.2	-0.4	+37	+42
Accuracy		43%	33%	39%	33%	30%		
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

CRAGG LORD LYDON has been used in the herd, he is exceptionally good natured and was shown successfully as a yearling.

LOT R C S & C F E ADDISON

2 KINGS MEABURN ESCORT V162

AI Myostatin.Single Version Carrier Born 05/04/2019 (UK103865 202162)

gs. LINTON GILBERTINES ROWAN K414(UK123902 500414)

Sire - LINTON GILBERTINES DUBLINER R970(UK560236 200970)


gd. LINTON GILBERTINES DUCHESS DIXY K315 (UK123902 400315)


gs. SHADWELL BLACK OPS M630(UK221120 700630)

Dam - KINGS MEABURN EDWINA S794(UK103865 501794)

gd. KINGS MEABURN EDWINA L087(UK103865 501087)



	September 2020 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	+0.0	+0.1	—	+4.1	+42	+78	+95	—
Accuracy	29%	26%		46%	41%	42%	39%	
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	—	—	—	—	—	—	+40	+51
Accuracy								
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

LOT CHRISTOPHER D TIMM ESQ

3 WENSLEYDALE JEDI ERIC V130

Myostatin. No Carrier Born 07/04/2019 (UK136854 400130)

gs. NETHERALLAN PETER PERSHORE E052 (ET)(UK541616 100052)

Sire - BLELACK ENSIGN L796 (ET)(UK521115 402796)


gd. BLELACK EYRIE G197 (ET)(UK523132 601197)


gs. THE MOSS ETHOS L058(UK182920 301058)

Dam - WENSLEYDALE JANET ERICA S046(UK136854 400046)

gd. WENSLEYDALE JAYNES ERICA J248(UK145474 400248)



	September 2020 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	-0.5	+1.2	—	+2.1	+31	+55	+73	—
Accuracy	42%	39%		72%	59%	62%	58%	
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+18	—	—	—	—	—	+28	+41
Accuracy	35%							
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

BLELACK ENSIGN (sire) is breeding progeny with great top and ends, he sired Champion bull and joint top price. Carlisle October 2019

LOT N F MASSIE & SONS
4 BLEACK KAGE V960

Myostatin. No Carrier

Born 10/04/2019

(UK521115 603960)

gs. DUNCANZIEMERE EDWIN J311(UK580222 600311)

Sire - TONLEY JESTER ERIC S318(UK520423 101318)


gd. BLEACK JUBILEE ERICA F442(UK521115 101442)


gs. BLEACK EVERGREAT C689(UK521115 400689)

Dam - CAIRNTON KARISMA K298(UK521159 100298)

gd. WEDDERLIE KARISMA A322(UK560308 100322)



	September 2020 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	+4.2	–	+3.5	+37	+69	+79	+67
Accuracy	42%	37%		77%	65%	68%	63%	53%
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	EBVs	+9	+1.1	+3.7	-1.2	+0.9	+0.4	+32
Accuracy	42%	69%	47%	53%	47%	40%		
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

LOT D EVANS

5 TREE BRIDGE EARL V768

Myostatin results pending

Born 12/04/2019

(UK122793 100768)

gs. HALLINGTON EVO L333(UK107067 100333)

Sire - TREE BRIDGE PHEVOR S627 (ET)(UK122793 700627)


gd. TREE BRIDGE POLLY PRIDE E101(UK122793 600101)


gs. GEAR FIRECRACKA R351(UK384042 700351)

Dam - TREE BRIDGE ESTELLA T650(UK122793 200650)

gd. TREE BRIDGE ESTELLA R521(UK122793 600521)



	September 2020 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	-1.4	+1.7	–	+2.3	+40	+67	+82	–
Accuracy	38%	30%		74%	60%	62%	58%	
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	EBVs	–	+0.3	+3.0	-0.9	+0.7	+0.1	+30
Accuracy		59%	39%	47%	40%	35%		
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

LOT D EVANS

6 TREE BRIDGE POPLAR V772

Myostatin results pending Born 14/04/2019 (UK122793 500772)
 gs. NIGHTINGALE QUINCY J481(UK302307 300481)


Sire - **TREE BRIDGE PORTSMOUTH S630(UK122793 300630)**


gd. TREE BRIDGE POLLY PERKINS J241(UK122793 600241)
 gs. ABBERTON DAZZLE G160(UK302297 300160)

Dam - **TREE BRIDGE POLLY PRIDE R534(UK122793 500534)**

gd. TREE BRIDGE POLLY PRIDE K289(UK122793 500289)



	September 2020 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	-5.5	+0.2	-	+5.3	+42	+73	+89	+83
Accuracy	44%	38%		77%	68%	68%	63%	53%
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+11	+0.9	+3.2	-1.5	+1.0	+0.2	+31	+38
Accuracy	38%	72%	47%	54%	46%	41%		
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

LOT DR WILLIAM & MRS MARGARET TAYLOR

7 CROOK HILL MR BISHAMPTON V026

AI Myostatin. No Carrier Born 18/04/2019 (UK116872 600026)
 gs. TE MANIA YORKSHIRE Y437(VTMY437(AU))


Sire - **TE MANIA BERKLEY B1 (AI)(IMP)(VTMB1(AU)36)**


gd. TE MANIA LOWAN Z53(VTMZ53(AU))
 gs. RAWBURN EDGE J983(UK562106 600983)

Dam - **CROOK HILL MISS BISHAMPTON T014(UK116872 100014)**

gd. LILEY MISS BISHAMPTON L007(UK134793 600007)



	September 2020 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	+3.8	+2.2	-2.8	+3.7	+56	+99	+119	+105
Accuracy	51%	48%	61%	60%	63%	63%	60%	53%
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+18	+0.9	+5.2	-0.4	+0.3	+0.8	+45	+62
Accuracy	51%	66%	49%	54%	51%	44%		
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

LOT DR WILLIAM & MRS MARGARET TAYLOR

8 CROOK HILL BONANZA MAN V029

AI Myostatin. No Carrier Born 28/04/2019 (UK116872 200029)
 gs. BUSHS STRUT 756 (SS)(IMP)(14508531(US)33)


Sire - RAWBURN BLACK BUSH S420 (ET)(UK562106 102420)


gd. DBRL BLACKBIRD 2N(1160168(CA))
 gs. NIGHTINGALE POUNDMAN C183 (ET)(UK302307 600183)

Dam - LILEY MISS BISHAMPTON L007(UK134793 600007)

gd. NIGHTINGALE MISS BISHAMPTON F324(UK302307 700324)



	September 2020 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	-3.5	+0.6	–	+4.1	+48	+91	+110	–
Accuracy	42%	35%		69%	57%	56%	54%	
Avg 17 Calves	-1.3	+0.1	+0.5	+3.2	+38	+68	+85	+80

	Milk	Scrotal Size (cm)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+15	+1.3	+6.1	-1.3	+1.5	+0.2	+42	+54
Accuracy	39%	47%	36%	41%	35%	32%		
Avg 17 Calves	+11	+1.0	+3.7	-1.3	+1.0	+0.1	+32	+42

From vets to holiday lets.

We've got it covered.

As a leading independent insurance broker we are here to work with you to help protect your business. We take the time to get to know you and understand your business, which helps us to find the correct insurance cover at the right price for you. We offer insurance advice throughout the North of England, Scottish Borders and North Wales to our rapidly growing client base – large and small – why not talk to us next time your renewal is due?

**Call us today on 01228 406290
to discuss your requirements
and a no obligation quote.**



**Insurance
Brokers**

Your Trusted Advisors

t: 01228 406290 | e: info@hhib.co.uk

hhinsurancebrokers.co.uk



**H&H Asset
Finance**



BRITISH BLUE VENDORS INDEX

N B & I A ARMSTRONG	(GOODYHILLS) (576)	26
HIGH TARNS FARM, SILLOTH, WIGTON, CA7 4NQ		
<ul style="list-style-type: none"> • 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 • BVD Vaccination - (Sale Animals Vaccinated) • Accredited free from IBR • Herd testing for IBR • Accredited free from Lepto • • Herd testing for Lepto • Johnes Risk Status Level 4 		
G BOOCOCC	(EDMONDS) (199)	12, 13, 17
SAINT LOIS FARM, STAMFORD BRIDGE, YORK, YO41 1HY		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 4 year TB testing interval • Member of Biobest Herdcare • Accredited free from BVD • BVD Vaccination - (Sale Animals Vaccinated) • IBR Vaccination - (Sale Animals Vaccinated) • Lepto Vaccination - (Sale Animals Vaccinated) • Johnes Risk Status Level 2 		
T & A COCKBURN	(KINGSIDE) (3386)	23, 24
H COCKBURN & PARTNERS, KINGSIDE FARM, LEADBURN, EH46 7BG		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2017 • Currently on a 4 year TB testing interval • Member of SAC Premium Cattle Health Scheme • Accredited free from BVD • Routinely vaccinating against BVD (Sale Animals Vaccinated) • Accredited free from IBR • Herd testing for Lepto • Lepto Vaccination - (Sale Animals Vaccinated) • Johnes Risk Status Level 1 		
A & C S COMRIE	(STONEBYRES) (1961)	20
STONEBYRES MAINS, STONEBYRES, , ML11 9UW		
<ul style="list-style-type: none"> • 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 • Herd testing for BVD • BVD Vaccination - (Sale Animals Vaccinated) • Lepto Vaccination - (Sale Animals Vaccinated) • Johnes Risk Status Level 1 		
ANDREW FYFE	(EMBRYOS)	27-29
Orchard Farm, Yelvertoft, Northamptonshire, NN6 6LY		
A M & E HARTLEY	(PENDLE) (1340)	14, 25, 35, 36
PENDLE VALLEY FARM, ROUGHLEE, NELSON, BB9 6NJ		
<ul style="list-style-type: none"> • 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 • Herd testing for BVD • BVD Vaccination - (Sale Animals Vaccinated) • Herd testing for IBR • Herd testing for Lepto • Johnes Risk Status Level 1 		

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 British Blue Cattle Society.

H R & W J MAUDSLEY	(LITTLEBANK) (1937)	18
LITTLEBANK BUNGALOW, RATHMELL, SETTLE, BD24 OAJ		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2016 • Currently on a 4 year TB testing interval • Member of Biobest Herdcare • Accredited free from BVD • Herd testing for BVD • BVD Vaccination - (Sale Animals Vaccinated) • Herd testing for Lepto (Females Only) • Routinely vaccinating against Lepto (Females Only) • Johnes Risk Status Level 1 		
G MICHALATOS	(EMBRYOS)	30-34
Penyparc, Cefn Porth Road, Cardiff, CF14 0LE		
D W & L E MORGAN	(TY ISAF) (629)	15, 19
LOWER HOUSE, ADFA, NEWTOWN, SY16 3DL		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 1 year TB testing interval • BVD Vaccination - (Sale Animals Vaccinated) • Johnes Risk Status Level 5 		
G L MORGAN	(ALMELEY) (154)	16
THE CIDER MILL, TILLINGTON, , HR4 8LP		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 1 year TB testing interval • Member of Biobest Herdcare • BVD Vaccination - (Sale Animals Vaccinated) • IBR Vaccination - (Sale Animals Vaccinated) • Lepto Vaccination - (Sale Animals Vaccinated) • Johnes Risk Status Level 2 		
RICHARD J MOWBRAY	(DROIT) (1857)	10, 11
34 DROIT ROAD, NEWTOWNSTEWART, , BT78 4DS		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 1 year TB testing interval • Member of AFBI Cattle Health Scheme • Accredited free from BVD • Herd testing for BVD • BVD Vaccination - (Sale Animals Vaccinated) • IBR Vaccination - (Sale Animals Vaccinated) • Lepto Vaccination - (Sale Animals Vaccinated) • Johnes Risk Status Level 5 		
T DYLAN REES	(BLUE STONE) (555)	21
LLWYNIHIRION, BRYNBERIAN, CRYMYCH, SA41 3TY		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 1 year TB testing interval • Sale animals vaccinated • Johnes Risk Status Level 5 		
R SWEETING	(EMBRYOS)	37-38
Cliffe Farm, 160 Lane Head Road, Shepley, Huddersfield, HD8 8BW		

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 British Blue Cattle Society.

BRITISH BLUE BULLS

Lots 10 – 24 (15 entries)

LOT RICHARD J MOWBRAY

10 DROIT NEPTUNE

B-20180636 Black with little white Born 01/05/2018

UK963141159493

gs. ALMELEY GINOLA(B-20111383)

Sire - GREYSTONE KELLOGS(B-20151030)

gd. GREYSTONE WEETABIX(B-20040802)

gs. HAZELWOOD FRESHMAN (ET)(B-882215)

Dam - DROIT JODIE (ET)(B-20140323)

gd. TAMHORN EARLENE (ET)(B-20092017)

One of the first sons of **Greystone Kellogs** to be offered for sale.



LOT RICHARD J MOWBRAY

11 DROIT NOAH

B-20190161 Twin Black & White Born 03/05/2018

UK963141159537

gs. ALMELEY GINOLA(B-20111383)

Sire - GREYSTONE KELLOGS(B-20151030)

gd. GREYSTONE WEETABIX(B-20040802)

gs. MOUNTJOY UTOPIA (SR)(B-20020608)

Dam - DROIT INDIGO(B-20130584)

gd. DROIT EMMA (ET)(B-20091395)

Another son of the new stock bull **Greystone Kellogs**



LOT G BOOCOCK

12 EDMONDS NITRO

B-20180703 White with little black Born 22/05/2018

UK149128600061

gs. STONEBYRES GIOVANNI (ET)(B-20110266)

Sire - STONEBYRES ITALO(B-20130813)

gd. STONEBYRES CHRISTA (ET)(B-20070314)

gs. YBLACK ET 3088 VD WILDEBEEK (IS)(I-20070947)

Dam - EDMONDS CHERRY(B-20071682)

gd. EDMONDS SHOWGIRL(B-20001505)



LOT G BOOCOCK

13 EDMONDS NAVADA

B-20180705 Black & White Born 31/05/2018

UK149128200064

gs. STONEBYRES GIOVANNI (ET)(B-20110266)

Sire - STONEBYRES ITALO(B-20130813)

gd. STONEBYRES CHRISTA (ET)(B-20070314)

gs. TWEEDDALE GUINNESS (SR)(ET)(B-20111092)

Dam - TWEEDDALE JUICY(B-20140542)

gd. TWEEDDALE EYEFULL (ET)(B-20090986)



LOT A M & E HARTLEY

14 PENDLE NIK NAK

B-20180754 AI Black with little white Born 03/06/2018
gs. BIJOUTIER DE ROUPAGE (IS)(I-20031299)

UK180797600217

Sire - ***JALON DE MARTINPRE (IS)(I-20100145)**

gd. GRADUEE DE MARTINPRE(X-6859)
gs. BLUE STONE UNION JACK(B-20020557)

Dam - **PENDLE LIQUORICE (ET)(B-20160180)**

gd. PENDLE ROSE(B-990120)



PENDLE NIK NAK is a thick and well fleshed bull who has worked on cows. **Pendle Liquorice** won Junior Champion RHAS 2017. **Jalon De Martinpre** (sire) has been used successfully in the Pendle herd, producing progeny to 10,000gns.

LOT D W & L E MORGAN

15 TY ISAF NAVARA

H-20180823 Black & White Born 06/06/2018
gs. DAFYDD D'OCHAIN (IS)(SR)(I-20040295)

UK700774400452

Sire - **LILEY KNIGHT(H-20150858)**

gd. TWEEDDALE HEIDI(H-20121052)
gs. HAZELWOOD KING (ET)(B-930726)

Dam - **TY ISAF DAZZLE(B-20090075)**

gd. TY ISAF BAMBI(B-20060629)



TY ISAF NAVARA is a Black & White, stylish and well muscled bull.

LOT G L MORGAN

16 ALMELEY NOVAK (ET)

H-20180873 ET Black & White Born 16/06/2018
gs. PARK U PANDA(B-20020497)

UK310510500467

Sire - **ALMELEY ARLEQUIN(H-20051258)**

gd. ALMELEY RAINBOW (ET)(H-990920)
gs. GIGA DU BOIS DE REMONT (IS)(I-20090105)

Dam - **ROSEMOUNT FAITH(I-20140868)**

gd. ROSEMOUNT CRIS(X-7197)



ALMELEY NOVAK is a powerful, and very wide, black and white bull. He has served a number of pedigree cows which have been scanned in calf. He is out of the herd's biggest cow, who is also bred the herd's stock bull and Champion RWAS 2017 Pinnacle Hero, and 20,000gn Almeley Lightning. A real opportunity to buy a breeders bull.

LOT G BOOCOCK

17 EDMONDS NACHO

B-20180876 Black & White Born 10/07/2018
gs. STONEBYRES GIOVANNI (ET)(B-20110266)

UK149128700069

Sire - **STONEBYRES ITALO(B-20130813)**

gd. STONEBYRES CHRISTA (ET)(B-20070314)
gs. BLAK DU BATY D'EPRAVE (IS)(I-20040421)

Dam - **EDMONDS JOY(B-20141175)**

gd. EDMONDS CLEO(B-20071680)



LOT H & S MAUDSLEY

18 LITTLEBANK NED (ET)B-20180964 ET Black with little white Born 12/07/2018
gs. HAMEAU D YVOIR(BE5-92247280)

UK125242300649

Sire - FAROUK DE ST AMAND (IS)(I-20160101)

gd. CAROLINE DE ST AMAND(BE7-55629506)
gs. HEROS DU PEROT (IS)(I-20090106)

Dam - LITTLEBANK KIMBERLEY(B-20160052)

gd. LITTLEBANK GRACE(B-20110366)



LITTLEBANK NED is a nearly all black bull with tremendous size and length. He has passed a semen test in April and has settled cows in calf.

LOT G L MORGAN

19 ALMELEY NUT-CRACKERH-20190537 Black & White Born 12/08/2018
gs. KILOWATT D'OCHAIN (IS)(I-20111635)

UK310510200485

Sire - *PINNACLE HERO (ET)(I-20140869)

gd. ROSEMOUNT FAITH(I-20140868)
gs. DRYBARROWS CAWDALE(B-20080127)

Dam - ALMELEY GOLDSLOCKS(H-20111384)

gd. ALMELEY CHARITY(H-20071328)



One of the best bulls we have bred to date, he has tremendous style, mobility and power, as well as great muscled depth. **Nut-Cracker** has settled a number of pedigree cows in calf, and could be a real asset to any herd. He has tremendous breeding lines going back to the most successful bull the breed has ever seen Drybarrows Cawdale.

SEMEN HAS BEEN TAKEN FOR VENDORS OWN USE

LOT A & C S COMRIE

20 STONEBYRES NEVISB-20180915 Black & White Born 23/08/2018
gs. GIGA DU BOIS DE REMONT (IS)(I-20090105)

UK560744401449

Sire - LUKEROYAL KRACKER (ET)(B-20151075)

gd. LUKEROYAL CAROLINE (ET)(B-20071407)
gs. TAMHORN ENTERPRISING (ET)(B-20092030)

Dam - STONEBYRES IMOGEN(B-20130278)

gd. STONEBYRES CAPRICE (ET)(B-20070311)



	August 2020 British Blue 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	-0.8	-0.8	-	+2.5	+15	+30	+45	-
Accuracy	35%	27%		66%	54%	52%	52%	
Avg.17 Calves	-0.8	-0.6	+0.6	+2.3	+12	+21	+31	+3

	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	BB Carcase Yield Index	BB Pedigree Breeding Index
	EBVs	-	-	-	-	+19	+10
Accuracy							
Avg.17 Calves	+17	+1.5	+0.0	+0.4	+0.1	+12	+6

Stonebyres Nevis was naturally born and is well grown.



Borderway, Rosehill, Carlisle, Cumbria CA1 2RS
T. 01228 406200 | E. info@borderway.com

Also operating Marts at:

Broughton-in-Furness, Kirkby Stephen, Lazonby,
Lockerbie, Middleton-in-Teesdale, Newcastleton,
Newtown St Boswells and Wooler

harrisonandhetherington.co.uk



Borderway, Rosehill, Carlisle, Cumbria CA1 2RS
T. 01228 406260 | E. info@hhlandestates.co.uk

Also at: Carlisle City, Cockermouth, Durham,
Grange-over-Sands, Keswick, Kendal,
Newtown St Boswells and Penrith

hhlandestates.co.uk



The Auction Centre, Rosehill, Carlisle, Cumbria CA1 2RS
T. 01228 406320 | E. enquiries@hhauctionrooms.co.uk

A Trading Name of Harrison & Hetherington

hhauctionrooms.co.uk



Southend Road, Penrith, Cumbria CA11 8JH
T. 01768 864214 | E. print@hhreeds.co.uk

Also at: Carlisle

hhreeds.co.uk



Borderway, Rosehill, Carlisle, Cumbria CA1 2RS
T. 01228 406290 | E. info@hhib.co.uk

Also at: Durham, Newtown St Boswells and Ruthin

hhinsurancebrokers.co.uk

First in the Field...

Borderway, Rosehill, Carlisle, Cumbria CA1 2RS | T. 01228 406330 | E. info@hhgroupplc.co.uk

hhgroupplc.co.uk

LOT T DYLAN REES

21 BLUE STONE NOEL

B-20190007 AI Black with little white Born 20/10/2018

UK745203500488

gs. IMPORTANT DE LA HASSE (IS)(I-20111633)

Sire - *TENACE DE LA PRAULE (SR)(I-20150558)

gd. QUETE LA PRAULE(X-7299)

gs. DRAGON BLUES DORIAN (ET)(B-20090124)

Dam - BLUE STONE HEIRESS(B-20121193)

gd. BLUE STONE ELSA(B-20090151)



BLUE STONE NOEL is a powerful and easy fleshed bull, nearly all black in colour and is very correct. **Blue Stone Heiress** (dam) is by Dragon Blues Dorian who was purchased for 12,000gns. Noel is one of the best bred bulls from the herd. He has settled 2 cows in calf.

LOT

22 WITHDRAWN

LOT T & A COCKBURN

23 KINGSIDE NUGGET (ET)

B-20181127 ET Black & White Born 01/12/2018

UK561695201550

gs. BLAK DU BATY D'EPRAVE (IS)(I-20040421)

Sire - ROSARIO (IS)(I-20091249)

gd. ROSS TREASA(X-6186)

gs. GIB VAN HET NEGENBOND (IS)(I-990580)

Dam - GREGMAUR BRANDY(B-20061625)

gd. GREGMAUR PETRA(B-980764)



LOT T & A COCKBURN

24 KINGSIDE NORSEMAN (ET)

H-20181128 ET White Born 01/12/2018

UK561695301551

gs. GERMINAL DE FOOZ (IS)(I-20131349)

Sire - *BEDGEBURY KENT(B-20150809)

gd. BEDGEBURY FANCY PANTS (ET)(B-20101772)

gs. CORRANDULLA FINTON (ET)(I-20121611)

Dam - KINGSIDE KATIE (ET)(H-20160124)

gd. KINGSIDE ICE MAIDEN (ET)(H-20130108)



BRITISH BLUE FEMALES

Lots 25 – 26 (2 entries)

LOT A M & E HARTLEY

25 **PENDLE OLA (ET)**

B-20190222 ET Blue & White Born 26/01/2019
gs. GIGOLO D'OCHAIN(X-5918)

UK180797200227

Sire - ***DAFYDD D'OCHAIN (IS)(SR)(I-20040295)**

gd. ADOREE D'OCHAIN(X-5919)

gs. BLUE STONE UNION JACK(B-20020557)

Dam - **PENDLE E BY GUM(B-20091361)**

gd. PENDLE TRIXY(B-20010494)



PENDLE OLA has been out at grass all summer, she is full sister to Pendle Lexion who sold to the Edmonds herd. Ola is half sister to Pendle Knock Em Out who was a great show heifer in the herd.

LOT N B & I A ARMSTRONG

26 **GOODYHILLS OLGA**

B-20190553 AI Blue & White Born 09/05/2019
gs. ALMELEY WELLINGTON(B-20041041)

UK102885700095

Sire - **ALMELEY ETHAN (ET)(B-20091666)**

gd. PARK U ORTHODOX(B-20020618)

gs. STONEBYRES HARTLEY (SR)(B-20120440)

Dam - **GOODYHILLS LIZZIE(B-20160875)**





gd. GOODYHILLS DIAMOND(B-20081762)



From a natural calving line, she is cycling regularly. **Goodyhills Lizzie** (dam) full sister sold to Norbreck Genetics.

EMBRYOS

Lots 27- 38 (12 entries)

LOT	A FYFE		
27	5 GRADE A EMBRYOS (Stored at Robert Brittain – No Release Fee)		
Sire	BALLYGRANGE ALEX		
	B-20051156	Born 12/07/2005	UK940146933
	gs. TINTIN DE MY (IS)(I-991317)		
	Sire - *WOODVIEW SOLO (ET)(B-20001871)		
	gd. BALLYFIN PURDIE(I-980213)		
	gs. BANQUIER DU MOULIN DERBAIX (IS)(I-961434)		
	Dam - BALLYGRANGE ROXY(B-20001282)		
	gd. CLONMORE MAUD(I-951166)		
			
Dam	TAMHORN DAFFODIL (ET)		
	B-20080789 ET	Born 12/01/2008	UK167277600407
	gs. AFFUTE DU RY OSSOGNE (IS)(I-990581)		
	Sire -*TAMHORN SUMO (SR)(ET)(B-20001236)		
	gd. LEVERHULME NIMBUS (ET)(B-961196)		
	gs. ARLEQUIN DU PRE ROSINE (IS)(I-980991)		
	Dam - HAZELWOOD WANDA(B-20040359)		
	gd. BLACKHILL BLUE JOSIE (ET)(B-930408)		
			
LOT	A FYFE		
28	2 GRADE A EMBRYOS (Stored at Robert Brittain – No Release Fee)		
Sire	*CROMWELL FENDT (SR) (ET)		
	B-20100804 Black with little white	Born 18/04/2010	UK203629101013
	gs. NEUF 4950 RY NEUF MOULIN(X-6653)		
	Sire - WACKO VAN HET BEEKHOF (IS)(I-20081316)		
	gd. RED HEAT(X-6655)		
	gs. DAFYDD D'OCHAIN (IS)(SR)(I-20040295)		
	Dam - CROMWELL DARLING (ET)(B-20080259)		
	gd. LUKEROYAL WEE BEAUTY (ET)(B-20041509)		
			
Dam	TAMHORN DAFFODIL (ET)		
	B-20080789 ET	Born 12/01/2008	UK167277600407
	gs. AFFUTE DU RY OSSOGNE (IS)(I-990581)		
	Sire - *TAMHORN SUMO (SR)(ET)(B-20001236)		
	gd. LEVERHULME NIMBUS (ET)(B-961196)		
	gs. ARLEQUIN DU PRE ROSINE (IS)(I-980991)		
	Dam - HAZELWOOD WANDA(B-20040359)		
	gd. BLACKHILL BLUE JOSIE (ET)(B-930408)		
			

LOT A FYFE
 29 10 GRADE A EMBRYOS(Stored at Robert Brittain – No Release Fee)
 Sire *VISCONTI DE ST FONTAINE (IS)

I-970731 Born 03/09/1995
 gs. GALOPEUR DES HAYONS (IS)(I-941004)

60286091

Sire - INGENIEUR DES FORTS(X-4344)

gd. FAIENCE DE LA SOURCE(X-4346)
 gs. OPTICIEN D'AU CHENE (IS)(I-941006)

Dam - NERVURE DE ST FONTAINE(X-4345)

gd. LARA DE ST FONTAINE(X-3902)



Dam TAMHORN DAFFODIL (ET)

B-20080789 ET Born 12/01/2008
 gs. AFFUTE DU RY OSSOGNE (IS)(I-990581)

UK167277600407

Sire - *TAMHORN SUMO (SR)(ET)(B-20001236)

gd. LEVERHULME NIMBUS (ET)(B-961196)
 gs. ARLEQUIN DU PRE ROSINE (IS)(I-980991)

Dam - HAZELWOOD WANDA(B-20040359)

gd. BLACKHILL BLUE JOSIE (ET)(B-930408)



LOT G MICHALATOS
 30 2 GRADE A EMBRYOS (Stored Lambert Leonard & May-Release Fees apply)
 Sire *DRIFT DOMINO (SR)

B-20081648 AI Born 24/08/2008
 gs. HAZELWOOD FRESHMAN (ET)(B-882215)

UK280196600033

Sire - *TWYNING ASH TROY (SR)(ET)(B-20011003)

gd. TWYNING ASH JENNIFER (ET)(B-930503)
 gs. BAROQUE DE L'ECLUSE (IS)(I-20050406)

Dam - COWDEN BLACKBERRY (ET)(B-20060332)

gd. RIDGE DEAN TANIA (ET)(B-20010148)



Dam LONE TREE ELLIE

B-20091418 AI Born 28/07/2009
 gs. PARK DAIMLER (ET)(B-861305)

UK742367600172





Sire - *RIDGE DEAN MAHOGANY(B-960099)

gd. OREILLETTE DE GROYNNE(I-881534)
 gs. PAMANDA OSCAR(B-971152)



Dam - DRAGON TIFFANY(B-20010300)

gd. DRAGON NYMPH BLUE(B-961284)




LOT	G MICHALATOS		
31	2 GRADE A EMBRYOS (Stored Lambert Leonard & May-Release Fees apply)		
Sire	*ANNANWATER VINCE		
	B-20031116 AI	Born 14/07/2003	UK582146200473
	gs. ORVET 5943 BOIS DE BAILLONVILLE(X-4257)		
	Sire - *AFFUTE DU RY OSSOGNE (IS)(I-990581)		
	gd. PAPILA 3677(X-4553)		
	gs. BANQUIER DU MOULIN DERBAIX (IS)(I-961434)		
	Dam - TAMHORN ROMANCE (ET)(B-20001232)		
	gd. NOELLA VAN DE WOLVENDREE(I-970718)		
			
Dam	NEWPOLE ASSET (ET)		
	B-20050579 ET	Born 07/04/2005	UK345415100455
	gs. GIGOLO D'OCHAIN(X-5918)		
Sire -	*DAFYDD D'OCHAIN (IS)(SR)(I-20040295)		
	gd. ADOREE D'OCHAIN(X-5919)		
	gs. PHILIPPER DE REMICHAMPAGNE IS(I-961450)		
Dam -	BROOKFIELD RHANNE(B-990082)		
	gd. BROOKFIELD NAOMI (ET)(B-960013)		
			
LOT	G MICHALATOS		
32	2 GRADE A EMBRYO(Stored Lambert Leonard & May-Release Fees apply)		
Sire	JANVIER 8515 DE WARICHET (IS)		
	I-20040296	Born 05/10/2000	BE1-91498515
	gs. FREROT DE BELLE EAU(BE85800097080)		
	Sire - *ELKEHARD VAN DE WOLVENDREEF (IS)(I-970007)		
	gd. ET BOONTJE VAN DE WOLVENDREEF(X-4182)		
	gs. BRUEGEL D'AU CHENE (IS)(I-20001603)		
	Dam -FAMINE 8205 DE WARICHET(X-5925)		
	gd. ABBAYE DE WARICHET(X-5926)		
			
Dam	ASTBURY VALENTINE		
	B-20030708 AI	Born 01/06/2003	UK160570700112
	gs. OPTICIEN D'AU CHENE (IS)(I-941006)		
	Sire - *CRISTAL DE SOMME (IS)(I-961052)		
	gd. ABLETTE DE SOMME(X-4071)		
	gs. INGENU DE RONVAUX (IS)(I-970175)		
	Dam - ASTBURY SABRINA (ET)(B-20001980)		
	gd. ASTBURY LILY (ET)(B-940808)		
			

LOT	G MICHALATOS		
33	2 GRADE A EMBRYOS (Stored Lambert Leonard & May-Release Fees apply)		
Sire	*SOLWAY VIEW DYNAMITE (ET)		
	B-20080860 ET	Born 24/04/2008	UK581435200598
	gs. AFFUTE DU RY OSSOGNE (IS)(I-990581)		
	Sire - *BARON DU BOIS BAULOYE IS(I-991269)		
	gd. FARADIBA DU BOIS BAULOYE(X-4670)		
	gs. ELITE DE L'ORGELOT (IS)(I-961093)		
	Dam - BRINGLEE SANDY (ET)(B-20001166)		
	gd. BRINGLEE NESTOR(B-960458)		
			
Dam	GREYSTONE ELDERBERRY		
	B-20091121	Born 12/05/2009	UK125185100197
	gs. TARTAS DE REMICHAMPAGNE(I-20030204)		
	Sire - *GREYSTONE ATOMIC(B-20051275)		
	gd. WREAY NICOLA 2(B-961419)		
	gs. HERCULE DE ST FONTAINE(I-841158)		
	Dam - GREYSTONE PLUM(B-980598)		
	gd. INFATIGANTE DU MOULIN BLANC(I-861092)		
			
LOT	G MICHALATOS		
34	2 GRADE A EMBRYO (Stored Lambert Leonard & May-Release Fees apply)		
Sire	*SOLWAY VIEW DYNAMITE (ET)		
	B-20080860 ET	Born 24/04/2008	UK581435200598
	gs. AFFUTE DU RY OSSOGNE (IS)(I-990581)		
	Sire - *BARON DU BOIS BAULOYE IS(I-991269)		
	gd. FARADIBA DU BOIS BAULOYE(X-4670)		
	gs. ELITE DE L'ORGELOT (IS)(I-961093)		
	Dam - BRINGLEE SANDY (ET)(B-20001166)		
	gd. BRINGLEE NESTOR(B-960458)		
			
Dam	TAMHORN BLOSSOM (ET)		
	B-20061096 ET	Born 31/05/2006	UK164744400967
	gs. VIGOREUX DE ST FONTAINE (IS)(I-991082)		
	Sire - *VIGOR DU GRAND COURTY IS(I-990975)		
	gd. MIRANDE GRAND COURTY(X-4627)		
	gs. AFFUTE DU RY OSSOGNE (IS)(I-990581)		
	Dam - ANNANWATER VINE (ET)(B-20031604)		
	gd. RIDGE DEAN TOTTY (ET)(B-20010166)		
			

LOT	A M & E HARTLEY		
35	2 GRADE A EMBRYOS (Stored at Paragon)		
Sire	BLUE STONE UNION JACK		
	B-20020557 AI	Born 05/04/2002	UK745203700028
	gs. AFFUTE DU RY OSSOGNE (IS)(I-990581)		
Sire	*BARON DU BOIS BAULOYE IS(I-991269)		
	gd. FARADIBA DU BOIS BAULOYE(X-4670)		
	gs. OPTICIEN D'AU CHENE (IS)(I-941006)		
Dam	BLUE STONE MADONA (ET)(B-960597)		
	gd. BLUE STONE HIGHTIME (ET)(B-910260)		
			
Dam	PENDLE WITCH		
	B-20040833	Born 01/05/2004	UK180797300025
	gs. PHILIPPER DE REMICHAMPAGNE IS(I-961450)		
Sire	*STOWBECK STORM(B-20001552)		
	gd. STOWBECK LULU(B-940422)		
	gs. PENDLE ORBIT(B-970962)		
Dam	PENDLE ROBINEA(B-990791)		
	gd. KENRAY JUAN HILL(B-920714)		
			

Pendle Witch x Bluestone Union Jack progeny has produced outstanding progeny. **Pendle Dazzle** sold for 6500gns. She won numerous Breed and Interbreed Championships. Another daughter **Pendle Hocus Pocus** has bred sons to 10,000gns and 9500gns.

LOT	A M & E HARTLEY		
36	2 GRADE A EMBRYOS (Stored at Paragon)		
Sire	*HEROS DU PEROY (IS)		
	I-20090106	Born 24/12/2005	BE187241954
	gs. ECRIN DE ST FONTAINE (IS)(I-20041149)		
Sire	DAVIDSON L'ECLUSE (IS)(I-20131310)		
	gd. DAVINA DU HAUT D'ARQUENNE(BE5-54419815)		
	gs. SPIROU DU PEROY(X-6672)		
Dam	BRILLIANTE DU PEROY(X-6674)		
	gd. TOISON DU PEROY(X-6673)		
			
Dam	PENDLE E BY GUM		
	B-20091361 AI	Born 02/07/2009	UK180797700099
	gs. BARON DU BOIS BAULOYE IS(I-991269)		
Sire	*BLUE STONE UNION JACK(B-20020557)		
	gd. BLUE STONE MADONA (ET)(B-960597)		
	gs. PHILIPPER DE REMICHAMPAGNE IS(I-961450)		
Dam	PENDLE TRIXY(B-20010494)		
	gd. STOWBECK LULU(B-940422)		
			

This mating has bred **Pendle Knock Em Out** who was an outstanding heifer winning Champion Border British Blue Calf Show and Junior Champion and Reserve Overall GYS 2017, also winning numerous Breed Champions and Interbreed Champions in 2016 and 2017.

LOT	R SWEETING		
37	2 GRADE A EMBRYOS (Stored Lambert Leonard & May- No Release Fee)		
Sire	*BOHERARD CANTONA ET (IS)		
	I-20101622	Born 15/09/2008	IE221157380755
	gs. IMPLANT 8315 BEAUFAUX(BE6-91128315)		
Sire	- *EMPIRE D'OCHAIN (IS)(SR)(I-20061477)		
	gd. BALISE D'OCHAIN(BE2-60510007)		
	gs. BLAK DU BATY D'EPRAVE (IS)(I-20040421)		
Dam	- BOHERARD ALISON(IE221157320477)		
	gd. BOHERARD URELIA (ET)(IE221157390302)		
Dam	LILEY LIBERTY		
	H-20160689 Blue Roan	Born 01/04/2016	UK134793400229
	gs. TWEEDDALE EBONY (SR)(ET)(H-20091623)		
Sire	- TWEEDDALE HEROS (ET)(H-20121656)		
	gd. GENESIS DE BOULOGNE (ET)(I-20090444)		
	gs. DAFYDD D'OCHAIN (IS)(SR)(I-20040295)		
Dam	- TWEEDDALE HUSSY (ET)(B-20121423)		
	gd. TWEEDDALE FUSSY (ET)(B-20101001)		

Liley Liberty (dam) is a Blue and White, well muscled cow with good legs, feet and great locomotion.

LOT	R SWEETING		
38	2 GRADE A EMBRYOS (Stored Lambert Leonard & May- No Release Fee)		
Sire	*DRIFT DOMINO (SR)		
	B-20081648 AI	Born 24/08/2008	UK280196600033
	gs. HAZELWOOD FRESHMAN (ET)(B-882215)		
Sire	- *TWYNING ASH TROY (SR)(ET)(B-20011003)		
	gd. TWYNING ASH JENNIFER (ET)(B-930503)		
	gs. BAROQUE DE L'ECLUSE (IS)(I-20050406)		
Dam	- COWDEN BLACKBERRY (ET)(B-20060332)		
	gd. RIDGE DEAN TANIA (ET)(B-20010148)		
Dam	LILEY LIBERTY		
	H-20160689 Blue Roan	Born 01/04/2016	UK134793400229
	gs. TWEEDDALE EBONY (SR)(ET)(H-20091623)		
Sire	- TWEEDDALE HEROS (ET)(H-20121656)		
	gd. GENESIS DE BOULOGNE (ET)(I-20090444)		
	gs. DAFYDD D'OCHAIN (IS)(SR)(I-20040295)		
Dam	- TWEEDDALE HUSSY (ET)(B-20121423)		
	gd. TWEEDDALE FUSSY (ET)(B-20101001)		

Liley Liberty (dam) is a Blue and White, well muscled cow with good legs, feet and great locomotion.

SEMEN

(Lots 39-40 (2 entries))

LOT

39 20 STRAWS SEMEN (Stored in a Farm Flask)**ALMELEY LIGHTNING (ET)**

B-20170746 ET Black & White Born 12/08/2016

UK310510200401

gs. HAZELWOOD URANUS(B-20020155)

Sire - *DRYBARROWS CAWDALE(B-20080127)

gd. WOODVIEW WINIFRED(B-20041554)

gs. GIGA DU BOIS DE REMONT (IS)(I-20090105)

Dam - ROSEMOUNT FAITH(I-20140868)

gd. ROSEMOUNT CRIS(X-7197)



LOT

40 3 STRAWS SEMEN (Stored in a Farm Flask)***CROMWELL FENDT (SR) (ET)**

B-20100804 Black with little white Born 18/04/2010

UK203629101013

gs. NEUF 4950 RY NEUF MOULIN(X-6653)

Sire - WACKO VAN HET BEEKHOF (IS)(I-20081316)

gd. RED HEAT(X-6655)

gs. DAFYDD D'OCHAIN (IS)(SR)(I-20040295)

Dam - CROMWELL DARLING (ET)(B-20080259)

gd. LUKEROYAL WEE BEAUTY (ET)(B-20041509)



BEEF SHORTHORN VENDORS INDEX

STEEL, DW**LESSONHALL****41**

Lesson Hall, Wigton, Cumbria, CA7 0EA

- Member of SAC Premium Cattle Health Scheme
- TB4 Area – Last Tested 07/01/20
- Accredited Free of BVD
- BVD Vaccinated 01/04/20
- Johnes Risk Level 1

STOTT, J**FELLTOP****42**

Hilltop, Nether Row, Caldbeck, Cumbria

- Member of SAC Premium Cattle Health Scheme
- BVD Tested
- IBR Tested
- Johnes Tested

BEEF SHORTHORN BULLS

Lots 41-42 (2 entries)

LOT D STEEL

41 COXHILL NAVIGATOR (H)

663802085

Born 24/04/2019

UK582176-200491

gs. Meonhill Charlie Chaplin (P) 563800165

Sire- MILLERSTON KASPER (H) 633802438

gd. Millerston Irania Flame (H) EX92 593801547

gs. Uppermill Rotary 2nd (H) 543800702

Dam- LARGYVALEY ROTARY AUGUSTA (H) EX91 573801665

gd. LowtherAugusta 1st (P) 503802674

Coxhill Navigator has settled heifers in calf, and is the first son to be offered for sale by the 20,000gn Millerston Kasper.

LOT J STOTT

42 FELLTOP NIMROD (P)

663801608

Born 14/05/2019

UK101011-300088

gs. Tofts Landlord B1261 553802096

Sire- ROTHESAY EILDON E238 583800748

gd. Dunsyre Nettle 8th 503802768

gs. Albion L'Anniversaire (H) 543800956

Dam- FIELDHOUSE FOXGLOVE (H) 593802121

gd. Fieldhouse Chantelle (P) 563801118

Has been out all summer.

BLONDES VENDORS INDEX

G & A HAMILTON	RAMRIG	46
Ramrig Farm, Duns, Berwickshire, TD11 3NF		
<ul style="list-style-type: none"> • Currently on a 4 year TB testing interval, last clear test November 2016 • Member of a CHeCS Premium Cattle Health Scheme • JOHNES Risk Level 3 • BVD accredited • Herd Testing for IBR • Vaccinating for IBR (Double) 		
L LAIRD & SONS	LOCHHEAD	48, 49
Lothead Farm, East Wemys, Fife, KY1 4TG		
<ul style="list-style-type: none"> • Currently on a 4 year TB testing interval, last clear test December 2019 • Member of a CHeCS Premium Cattle Health Scheme • JOHNES Risk level 3 • BVD accredited 		
AJ STOTT	HILLTOP	50
Longrow Cottage, Canonbie, Dumfriesshire, DG14 0RU		
<ul style="list-style-type: none"> • Currently on a 4 year TB testing interval, last clear test December 2017 • Member of a CHeCS Premium Cattle Health Scheme • JOHNES Risk level 1 • Vaccinated for BVD • BVD accredited 		
P WEIGHTMAN & SONS	HALLFIELD	45, 47
Hallfield Farm, Easington, Peterlee, Co Durham, SR8 3BZ		
<ul style="list-style-type: none"> • Currently on a 4 year TB testing interval, last clear test January 2019 • Member of a CHeCS controlled health scheme SAC • JOHNES Risk level 2 • Herd Testing for BVD 		

The above information is offered by the breeder and is not the responsibility of the society.

BLONDE BULLS

Lots 45-50 (6 entries)

- LOT P Weightman & Sons
45 HALLFIELD PAULO
 49-0064 (UK106167200732) DOB 10/01/2019
 gss. THISTLEGROVE STEVE - 31-856 (UK123138300046)
 gs. BRIDGE CRACKER JACK - 37-1297 (UK161737400420)
 gsd. BRIDGE VELLA - 34-1642 (UK161737100256)
- s. **AARON JAIGO - 44-0338 (UK721490300779)**
 gss. SEAVIEW ASTERIX - 35-0720 (UK93712504691)
 gd. AARON DUNEDAIN - 38-0449 (UK721490500396)
 gsd. KINASTON UK - 33-1824 (UK303242700136)
 gss. ARK DIEGO - 38-1477 (UK110607100035)
 gs. HILLTOP HECTOR - 42-0940 (UK112309500048)
 gsd. HILLTOP VANSY - 34-1431 (UK561309600040)
- d. **HALLFIELD LORNA - 45-1389 (UK106167700583)**
 gss. BLACKWATER AINSLEY - 35-0894 (UK240509600060)
 gd. HALLFIELD FRANKIE - 40-1097 (UK106167500364)
 gsd. HALLFIELD BELLE - 36-1383 (UK106167500210)
-
- LOT G & A Hamilton
46 RAMRIG PARISSE
 49-0017 (UK560188400659) DOB 02/02/2019
 gss. BALLYGOWAN RAMBO - 30-1455 (UK9332247882)
 gs. BUDORE FLOYD - 40-0405 (UK904191102427)
 gsd. DEERFIN PAULA - 29-2121 (UK123560386Y)
- s. **BUDORE LEVI - 45-0783 (UK904191103197)**
 gss. WHISTLEY DOLLAR - 18-453-PBS-D-11-T (18-453-PBS-D-11-T)
 gd. BUDORE ANNIE - 35-0461 (UK90419111694)
 gsd. BUDORE RUBY - 30-825 (UK90419111112)
 gss. BLACKWATER AINSLEY - 35-0894 (UK240509600060)
 gs. HALLFIELD FALCON - 40-1098 (UK106167600365)
 gsd. HALLFIELD PLUM - 29-192 (UKD764000127)
- d. **RAMRIG MALTESER - 46-0034 (UK560188200496)**
 gss. HALLFIELD DESTINY - 38-0591 (UK106167400279)
 gd. RAMRIG GEMINI - 41-0609 (UK560188200244)
 gsd. WHITEFIELD UPPITY - 33-0672 (UK522255100383)

- LOT P Weightman & Sons
47 HALLFIELD PEREGRINE
 49-0321 (UK106167700744) DOB 22/04/2019
 gss. THISTLEGROVE STEVE - 31-856 (UK123138300046)
 gs. BRIDGE CRACKER JACK - 37-1297 (UK161737400420)
 gsd. BRIDGE VELLA - 34-1642 (UK161737100256)
- s. **AARON JAIGO - 44-0338 (UK721490300779)**
 gss. SEAVIEW ASTERIX - 35-0720 (UK93712504691)
 gd. AARON DUNEDAIN - 38-0449 (UK721490500396)
 gsd. KINASTON UK - 33-1824 (UK303242700136)
 gss. DRUK GENESIS - 21-1650-BDH-G-87 (21-1650-BDH-G-87)
 gs. BLACKWATER AINSLEY - 35-0894 (UK240509600060)
 gsd. BLACKWATER MAISIE - 26-1594-CBC-96-13-X (UKEG073300044)
- d. **HALLFIELD LIZ - 45-1398 (UK106167200592)**
 gss. MEGRAY SENATOR - 31-1371 (UK361270200022)
 gd. HALLFIELD BLACKBERRY - 36-1381 (UK106167300207)
 gsd. HALLFIELD SARAH - 31-1851-X (UK106167600043)
- LOT L Laird & Sons
48 LOCHHEAD PERFECTIONIST
 49-1031 (UK541792701859) DOB 25/04/2019
 gss. STRATHISLA CLINT - 37-0123 (UK522798100720)
 gs. STRATHISLA GLEN - 41-0778 (UK522798501193)
 gsd. STRATHISLA DANIELLE - 38-0304 (UK522798600837)
- s. **GLASSEL JASPER - 44-0561 (UK527128500235)**
 gss. RONALD - 32-00-588-336 ()
 gd. ARDMORE ASTRA - 35-0078 (UK520340700717)
 gsd. ARDMORE MISCHIEF - 26-1343-GRA-96-8 (UKAB416000342G)
 gss. ABRICOT - 47-85-009-992 (47-85-009-992)
 gs. WHISTLEY DOLLAR - 18-453-PBS-D-11-T (18-453-PBS-D-11-T)
 gsd. WHARFEDALE UBERTA - 13-191-PJO-U-13 (13-191-PJO-U-13)
- d. **WHITEFIELD FREYA - 40-0020 (UK522255300868)**
 gss. BILSINGTON NELSON - 27-746 (UKK328700184)
 gd. WHITEFIELD SUZY - 31-557 (UK522255100145)
 gsd. WOODEND ISADORA - 23-072-MCH-I-2 ()

A well muscled bull with a good nature. He has settled two heifers in calf. **Whitefield Freya** (dam) has won over 20 Breed Championships.

LOT	L Laird & Sons		
49	LOCHHEAD PROPHET		
	49-1033	(UK541792301862)	DOB 25/04/2019
		gss. KINASTON UTTAM - 33-1615 (UK303242100137)	
	gs. KINASTON CARLOS - 37-0720 (UK303242500449)		
		gsd. KINASTON TILLY - 32-1490 (UK303242300083)	
s.	BAILEYS JACOB - 44-1110 (UK136078700086)		
		gss. DRUK LANCE - 25-2337-BDH-95-70 (UKB627700109)	
	gd. DONCOMBE DELPHINUS - 38-0798 (UK328495100236)		
		gsd. DONCOMBE PENINNAH - 29-707 (UKWQ046700082)	
		gss. GALA VINCENT - 34-0452 (UK560638600203)	
	gs. GALA EARTH QUAKE - 39-0960 (UK560638200416)		
		gsd. GALA OZONE - 28-2315-FJW-98-34 (UKLA052300209)	
d.	LOCHHEAD JAY - 49-1032 (UK541792501304)		
		gss. FREEFIELD UPEG - 33-1477 (UK521707600531)	
	gd. LOCHHEAD CRACKER - 37-1074 (UK541792600633)		
		gsd. LOCHHEAD RIBENA - 30-1610-LHD-00-8 (UK541792700067)	

A good natured bull, who has settled three cows in calf.

LOT	AJ Stott		
50	HILLTOP PADDY		
	49-0693	(UK117986500034)	DOB 01/06/2019
		gss. DRUK GENESIS - 21-1650-BDH-G-87 (21-1650-BDH-G-87)	
	gs. BLACKWATER AINSLEY - 35-0894 (UK240509600060)		
		gsd. BLACKWATER MAISIE - 26-1594-CBC-96-13-X (UKEG073300044)	
s.	HALLFIELD JODY - 44-0542 (UK106167200522)		
		gss. DONCOMBE AYERS ROCK - 35-0827 (UK328495500023)	
	gd. HALLFIELD FLAMINGO - 40-1812 (UK106167200382)		
		gsd. HALLFIELD UPROAR - 33-1495 (UK106167100101)	
		gss. WHISTLEY DOLLAR - 18-453-PBS-D-11-T (18-453-PBS-D-11-T)	
	gs. ARK DIEGO - 38-1477 (UK110607100035)		
		gsd. ARK VERITY - 34-1424 (UK110607500011)	
d.	HILLTOP LUCINDA - 45-0864 (UK112309400068)		
		gss. KINASTON NYLE - 27-825-REK-97-116 (UKF695100116)	
	gd. HILLTOP VIOLET - 34-0184 (UK561309400031)		
		gsd. HAYTON PORTIA - 29-014-JFB-99-2 (UKUB045900052)	

BRITISH CHAROLAIS VENDORS INDEX

- | | |
|--|--|
| <p>RA & J BLYTH
 MIDDLETON HOUSE FARM, ELWICK, HARTLEPOOL, CLEVELAND, ENGLAND, TS27 3EN</p> <ul style="list-style-type: none"> • Herd last tested clear from TB in 2017 • Currently on a 4 year TB testing interval • Member of SRUC Premium Cattle Health Scheme • Accredited free from BVD • Routinely vaccinating against BVD since 2020 • Using Bovilis BVD • Johnes Status Risk Level - 5 | <p>(MARWOOD) (6299) 54, 62</p> |
| <p>W P BRUCE LTD
 BALMYLE, MEIGLE, PERTSHIRE, SCOTLAND, PH12 8QU</p> <ul style="list-style-type: none"> • 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 2020 • Accredited free from IBR • Johnes Status Risk Level - 1 | <p>(BALMYLE) (2016) 57, 60, 63</p> |
| <p>R A G HOUSTON
 GRETNA HOUSE FARMS, MOSSKNOWE HOUSE, KIRKPATRICK FLEMING, DUMFRIES-SHIRE, SCOTLAND, DG11 3BG</p> <ul style="list-style-type: none"> • Herd last tested clear from TB in 2016 • Currently on a 4 year TB testing interval • Member of SRUC Premium Cattle Health Scheme • Accredited free from BVD • Routinely vaccinating against BVD since 2020 • Using Bovela • Routinely vaccinating against IBR since 2020 • Using Hiprabovis • Johnes Status Risk Level - 2 | <p>(GRETNAHOUSE) (200) 56, 58</p> |
| <p>J RIX
 WISSINGTON GROVE FARM, NAYLAND, COLCHESTER, ESSEX, ENGLAND, CO6 4NF</p> <ul style="list-style-type: none"> • Herd last tested clear from TB in 2017 • Currently on a 4 year TB testing interval • Member of HI Health Herdcare (NE:Biobest) • Accredited free from BVD • Routinely vaccinating against BVD since 2020 • Using Bovilis BVD • Johnes Status Risk Level - 1 | <p>(WISSINGTON) (7984) 52, 59</p> |
| <p>PAUL & HARRY STOBART
 The Square, Kirkclinton, Carlisle, CUMBRIA, ENGLAND, CA6 6DN</p> <ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 4 year TB testing interval • Member of SRUC Premium Cattle Health Scheme • Herd testing for BVD • Routinely vaccinating against BVD since 2020 • Using Bovela • Routinely vaccinating against Lepto (Females Only) • Johnes Status Risk Level - 1 | <p>(KIRKLINTON) (9098) 55</p> |

R TREMAYNE	(MARNE) (8043)	53
ZELAH HOLDING, MAWGAN, HELSTON, CORNWALL, ENGLAND, TR12 6BD		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 1 year TB testing interval • Member of SRUC Premium Cattle Health Scheme • Accredited free from BVD • Routinely vaccinating against BVD since 2020 • Using Bovilis BVD • Accredited free from IBR • Johnes Status Risk Level - 1 • Declaration notes : Bull has been tested clear for Lepto 		
J WARDLAW & SON	(HAUGHHEAD) (6291)	61
HAUGHHEAD, BALERNO, MIDLOTHIAN, SCOTLAND, EH14 7JH		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2018 • Currently on a 4 year TB testing interval • Not in a Health Scheme • Herd testing for BVD • Routinely vaccinating against BVD since 2020 • Herd testing for Johnes 		
MR J M WOOD	(FORCEBECK) (8739)	51
WATERS FARM, SHAP, PENRITH, CUMBRIA, ENGLAND, CA10 3QG		
<ul style="list-style-type: none"> • Herd last tested clear from TB in 2020 • Currently on a 1 year TB testing interval • Member of SRUC Premium Cattle Health Scheme • Accredited free from BVD • Routinely vaccinating against BVD since 2020 • Johnes Status Risk Level - 1 		

Disclaimer: The health information above is as supplied by or on behalf of the breeder at the time of the catalogue going to print. 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 British Charolais Cattle Society Limited

CHAROLAIS BULLS

Lot 51-63 (13 entries)

LOT E WOOD

51 **FORCEBECK OUTLAW** DNA Status: SV

MBM0078228 Born 05/09/2018

UK103965700911

Myostatin: F94L-1 , Q204X-1

gs. BALTHAYOCK ADONIS (MBM0020431)

Sire - **FORCEBECK MAC (ET) (MBM0070847)**


gd. GRETNAHOUSE GERTRUDE (P) (MBF0051567)


gs. BALTHAYOCK GLADIATOR (MBM0050079)

Dam - **GRETNAHOUSE JILLONA (MBF0063684)**

gd. GRETNAHOUSE BRYONY (MBF0024390)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	+2.7	+2.4	–	+3.0	+38	+60	+80	+14
Accuracy	37%	34%		47%	44%	44%	43%	36%
CH EBV Ratio	103	108		96	117	113	118	115

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+0.3	–	+4.7	-0.4	+1.9	-0.2	+66	+58
Accuracy	38%		31%	36%	34%	30%	-	-
CH EBV Ratio	108		118	100	115		138	128

FORCEBECK OUTLAW has been working this summer and has settled cows in calf. Hi pedigree is full of easy calving, growth and easy fleshing. **Forcebeck Mac** (sire) has bred very well commercially with his offspring out performing other breeds on the same system. **Outlaw** has a fantastic temperament.

LOT J & J RIX

52 WISSINGTON PAVAROTTI DNA Status: SV

MBM0079533 Born 26/02/2019

UK243599700634

Myostatin: F94L-0 , Q204X-1

gs. BALTHAYOCK LONGBOW (MF0071403)

Sire - DAVALLY IGOLO (ET) (MBM0060388)


gd. WESLEY TASTEFUL (MBF0006720)


gs. THRUNTON ARISTOCRAT (MBM0019075)

Dam - WISSINGTON FANCY (MBF0049050)

gd. SEAWELL ANNA (MBF0020150)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	+7.0	+6.0	—	+4.0	+33	+55	+63	+11
Accuracy	43%	39%		72%	66%	70%	72%	43%
CH EBV Ratio	111	116		87	108	107	105	107

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+0.3	+48	+4.0	-0.2	+1.4	-0.1	+54	+54
Accuracy	67%	60%	46%	55%	51%	43%	-	-
CH EBV Ratio	108		108	106	104		117	122

LOT R TREMAYNE

53 MARNE PERTH DNA Status: PV

MBM0080198 Born 16/03/2019

UK386598100221

Myostatin: F94L-0 , Q204X-1

gs. BALMYLE BOLLINGER (MBM0026262)

Sire - BARNSFORD FERNY (MBM0046421)


gd. ALWENT BROOM (MBF0027066)


gs. MARNE GUCCI (MBM0049235)

Dam - MARNE MIRAGE (MBF0072599)

gd. RUMSDEN AKITA (MBF0021387)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	-10.5	-5.3	—	+4.4	+34	+61	+72	+13
Accuracy	44%	40%		57%	54%	51%	50%	39%
CH EBV Ratio	78	90		83	110	114	112	114

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	—	—	—	—	—	—	+43	+40
Accuracy							-	-
CH EBV Ratio							98	100

MARNE PERTH is a strong and powerful bull, he has been shown as a calf at foot last year, where he won a the National Charolais Show.

LOT RA & J BLYTH

54 MARWOOD PUERTORICO DNA Status: SV

MBM0079885 Born 01/04/2019

UK100064501710

Myostatin: F94L-0 , Q204X-0

gs. UGIE ECHO (MBM0042762)

Sire - BALTHAYOCK LINEUP (MBM0066983)


gd. BALTHAYOCK FORTUNE (MBF0047571)


gs. MARWOOD GRANDSLAM (MBM0051502)

Dam - MARWOOD JAMAICA (MBF0068427)

gd. MARWOOD FLORIDA (MBF0047018)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	+2.8	-4.9	—	+2.4	+25	+42	+48	+10
Accuracy	39%	34%		71%	68%	67%	61%	39%
CH EBV Ratio	103	90		102	93	94	93	106

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	-0.3	+36	+1.0	+0.1	-0.1	-0.1	+32	+27
Accuracy	68%	54%	44%	51%	47%	40%	-	-
CH EBV Ratio	96		67	115	72		79	79

LOT PAUL & HARRY STOBART

55 KIRKLINTON PRIVATE DNA Status: PV

MBM0082906 Born 03/04/2019

UK118376500023

Myostatin: F94L-0 , Q204X-1

gs. BERLIOZ (7186114315)

Sire - MAJOR (SEMEN ONLY) (MFI1000252)


gd. CHARMILLE (8987100020)


gs. BALBITHAN EGYPT (MBM0041372)

Dam - KERLING IVY (MBF0060681)

gd. STOBARTS BOSSY (MBF0025360)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	-10.1	-12.4	+2.2	+4.2	+32	+46	+61	+8
Accuracy	51%	50%	53%	67%	64%	66%	64%	52%
CH EBV Ratio	78	73	87	85	106	99	103	100

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	-0.7	+43	+3.0	-1.3	+1.9	-0.4	+39	+25
Accuracy	62%	58%	49%	56%	53%	47%	-	-
CH EBV Ratio	87		94	74	115		91	76

LOT A G HOUSTON

56 GRETNAHOUSE PISTON DNA Status: SV

MBM0079616 Born 05/04/2019

UK581747101102

Myostatin: F94L-0 , Q204X-0

gs. BALTHAYOCK LONGBOW (MF0071403)

Sire - WESLEY EQUINOX (MBM0043457)


gd. WESLEY TASTEFUL (MBF0006720)


gs. THRUNTON CAMELOT (MBM0028330)

Dam - GRETNAHOUSE FARADISE (ET) (MBF0048986)

gd. BALMYLE PARADISE (FF0094340)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	+3.9	-1.0	+3.4	+3.8	+26	+55	+64	+11
Accuracy	55%	51%	68%	74%	74%	73%	69%	55%
CH EBV Ratio	105	100	75	88	95	108	106	107

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+1.8	+48	+4.0	-0.2	+1.1	+0.1	+51	+52
Accuracy	73%	62%	53%	60%	57%	51%	-	-
CH EBV Ratio	140		108	106	98		112	118

Sired by the famously easy calving **Wesley Equinox**, out of a great old cow from the Paradise family, who has bred bulls to 9000gns and 7500gns. For easy fleshing and calving this bull will do a great job.

LOT W P BRUCE LTD

57 BALMYLE PUNCH DNA Status: PV

MBM0079975 Born 06/04/2019

UK542320501905

Myostatin: F94L-0 , Q204X-0

gs. GOLDIES USHER (MBM0010405)

Sire - OVILL LENNON (ET) (MBM0067439)


gd. SAGESSE FLORIENNE (MBFI0000863)


gs. ELGIN GLENLIVET (MBM0049581)

Dam - BALMYLE JUBILANT (MBF0064350)

gd. BALMYLE ASTRA (MBF0020572)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	-7.9	-2.6	-	+5.0	+34	+62	+69	+6
Accuracy	42%	36%		71%	69%	69%	64%	37%
CH EBV Ratio	83	96		77	110	114	110	95

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	-0.5	+50	+4.3	-0.8	+1.9	-0.6	+47	+44
Accuracy	69%	57%	45%	55%	51%	42%	-	-
CH EBV Ratio	92		112	88	115		105	106

LOT A G HOUSTON

58 GRETNAHOUSE PROBATE DNA Status: SV

MBM0079723 Born 09/04/2019

UK581747601107

Myostatin: F94L-0 , Q204X-0

gs. MORTIMERS ECHO (MBM0043721)

Sire - WESTCARSE JIMMY (MBM0064341)


gd. WESTCARSE GILL (MBF0051371)


gs. BLEBLACK DIGGER (MBM0038543)

Dam - GRETNAHOUSE JUNIPER (MBF0066645)

gd. GRETNAHOUSE HOLLY (MBF0056852)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	+19.3	+0.4	-0.2	+2.8	+44	+80	+87	+8
Accuracy	45%	39%	63%	71%	71%	70%	66%	40%
CH EBV Ratio	135	103	111	98	126	132	124	100

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+0.0	+68	+4.0	-0.4	+1.2	+0.1	+73	+70
Accuracy	70%	58%	47%	55%	51%	45%	-	-
CH EBV Ratio	102		108	100	100		150	147

GRETNAHOUSE PROBATE has a pedigree full of easy calving genetics and great all round data.**Gretnahouse Juniper** (dam) has bred two bulls sold to 5000gns and 7500gns.

LOT J & J RIX

59 WISSINGTON PRIMO DNA Status: SV

MBM0080051 Born 12/04/2019

UK243599700641

Myostatin: F94L-0 , Q204X-1

gs. WESLEY EQUINOX (MBM0043457)

Sire - GRETNAHOUSE JUROR (MBM0063751)


gd. GRETNAHOUSE HOCK (MBF0056124)


gs. THRUNTON HAMMERSTEIN (MBM0056557)

Dam - WISSINGTON LUSCIOUS (MBF0069022)

gd. WISSINGTON GORGEOUS (MBF0051653)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	+18.8	+2.0	-0.7	+2.8	+43	+69	+81	-
Accuracy	42%	35%	54%	71%	66%	68%	70%	
CH EBV Ratio	134	107	116	98	125	122	119	

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+0.5	+61	+4.0	+0.6	+0.6	+0.1	+68	+65
Accuracy	65%	58%	45%	54%	50%	43%	-	-
CH EBV Ratio	113		108	129	87		141	139

LOT W P BRUCE LTD

60 BALMYLE PRINCE DNA Status: PV

MBM0079981 Born 26/04/2019

UK542320601920

Myostatin: F94L-0 , Q204X-1

gs. GOLDIES USHER (MBM0010405)

Sire - OVILL LENNON (ET) (MBM0067439)


gd. SAGESSE FLORIENNE (MBF0000863)


gs. BALMYLE ECLIPSE (MBM0040901)

Dam - BALMYLE JADE (MBF0064423)

gd. BALMYLE GLUCOSE (MBF0052334)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	-11.5	-2.4	-	+4.6	+34	+63	+75	+11
Accuracy	43%	38%		71%	70%	70%	64%	39%
CH EBV Ratio	76	96		81	110	116	114	109

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	-0.7	+56	+5.2	+0.1	+1.4	+0.3	+47	+42
Accuracy	70%	57%	46%	55%	51%	42%	-	-
CH EBV Ratio	87		125	115	104		105	103

LOT J WARDLAW & SON

61 HAUGHHEAD PHANTOM (ET) DNA Status: PV

MBM0081210 Born 28/04/2019

UK561383301753

Myostatin: F94L-0 , Q204X-1

gs. THRUNTON SOCRATES (MBM0000631)

Sire - BLELACK BLACKBERET (MBM0026850)


gd. BLELACK VAL (MBF0028125)


gs. BURRADON TALISMAN (MBM0004745)

Dam - STOBARTS DREAMY (MBF0041379)

gd. STOBARTS BLISS (MBF0025356)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	-5.2	-9.8	+2.5	+4.6	+38	+70	+83	+13
Accuracy	52%	50%	58%	71%	70%	70%	66%	54%
CH EBV Ratio	88	79	84	81	117	122	120	114

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+0.9	+60	+3.5	-0.1	+0.9	+0.4	+55	+50
Accuracy	70%	60%	51%	56%	54%	49%	-	-
CH EBV Ratio	121		101	109	93		119	115

LOT RA & J BLYTH

62 MARWOOD PIRATE DNA Status: PV

MBM0080266 Born 28/04/2019

UK100064501745

Myostatin: F94L-0 , Q204X-0

gs. UGIE ECHO (MBM0042762)

Sire - BALTHAYOCK LINEUP (MBM0066983)


gd. BALTHAYOCK FORTUNE (MBF0047571)


gs. BRAMPTON NACODAR (MF0080154)

Dam - MARWOOD JITTERS (MBF0067438)

gd. MARWOOD BONNYGIRL (MBF0024433)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	+9.5	+0.1	—	+2.1	+34	+62	+71	+13
Accuracy	41%	38%		71%	68%	67%	62%	42%
CH EBV Ratio	116	102		105	109	115	111	113

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+0.8	+52	+2.1	+0.2	-0.1	+0.5	+52	+51
Accuracy	68%	55%	46%	53%	50%	42%	-	-
CH EBV Ratio	119		82	118	72		114	117

LOT W P BRUCE LTD

63 BALMYLE PROCESSION DNA Status: PV

MBM0080398 Born 03/05/2019

UK542320401925

Myostatin: F94L-0 , Q204X-1

gs. BALTHAYOCK FERDINAND (ET) (MBM0045811)

Sire - BALTHAYOCK MINSTREL (MBM0069857)


gd. BALTHAYOCK GEM (MBF0051491)


gs. MAERDY OTHELLO (MF0087855)

Dam - BALMYLE ERMINE (MBF0042283)

gd. BALMYLE ANASTASIA (MBF0019879)



	September 2020 BRITISH CHAROLAIS BREEDPLAN							
	Calving Ease Dir (%)	Calving Ease Dtrs (%)	Gest. Len. (days)	200 Birth Wt. (kg)	400 Day Wt (kg)	600 Day Wt. (kg)	Day Wt. (kg)	Milk
EBVs	-0.3	+1.2	+1.7	+4.2	+28	+54	+62	+5
Accuracy	46%	41%	50%	73%	71%	70%	66%	44%
CH EBV Ratio	97	105	92	85	99	106	104	93

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Retail Fat (mm)	Terminal Beef Yield	Self IMF %	Sire Index	Replacing Index
EBVs	+0.8	+43	+4.3	-0.5	+1.4	-0.2	+48	+47
Accuracy	70%	59%	48%	57%	53%	45%	-	-
CH EBV Ratio	119		112	97	104		107	111

HEREFORD VENDORS INDEX

JAN BOOMAARS, HEATHDOWN	83
The Ridge, Woldingham, Caterham, Surrey, CR3 7AL	
<ul style="list-style-type: none"> No Herd Health Information 	
D & KM Dickinson	91-96
Chattlehope House, Catcleugh, Newcastle Upon Tyne, Tyne and Wear, NE19 1TY	
<ul style="list-style-type: none"> No Herd Health Information 	
MESSRS HEWSON	(AMBERFIELD)
Burghhead Farm, Burgh-by-Sands, Carlisle, CA5 6AW	81, 82
<ul style="list-style-type: none"> Herd last tested clear from TB on 05/01/18 - Currently on a 4 year TB testing interval Member of Hi Health Herdcare (Biobest) for BVD & Johnes Herd testing for BVD - Vaccinating sale animals using Bovela Johnes – Level 2 	
T & D HARRISON	(MORALEE)
The Old Potato House, Mickley, Stocksfield, Northumberland, NE43 7DF	89
<ul style="list-style-type: none"> Herd last tested clear from TB in Jan 2018 - Currently on a 4 year TB testing interval Member of Hi Health Herdcare (Biobest) Accredited Free for BVD since Sept 2015 Herd testing for BVD - Vaccinating sale animals using Bovela Vaccinating sale animals using Leptovoid Johnes – Level 1 	
TW HUTCHINSON	(KINGSHAUGH)
Bail Hill Farm, Forest-in-Teesdale, Barnard Castle, Co Durham, DL12 0EL	87, 90
<ul style="list-style-type: none"> Herd last tested clear from TB in November 2019 - Currently on a 4 year TB testing interval Member of SAC Premium Cattle Health Scheme Accredited free for BVD - Vaccinating sale animals using Bovilis Johnes – Level 1 	
W & R KEMP	86
Wigdan Walls Farm, St Helen Auckland, Bishop Auckland, Co Durham, DL14 0LN	
<ul style="list-style-type: none"> Currently on a 4 year TB Testing interval Tested for BVD, Lepto, IBR and Johnes 	
OXTON FARM	(BICKERTON)
Bickerton Grange, Tom Cat Lane, Bickerton, Wetherby, N Yorks, LS22 5ES	85
<ul style="list-style-type: none"> Herd last tested clear from TB on 24/10/16 - Currently on a 4 year TB testing interval Member of Hi Health Herdcare (Biobest) for BVD, Johnes, IBR & Lepto Herd testing for BVD since Feb 2019 - Vaccinating sale animals using Bovela Herd testing for IBR since Feb 2019 Herd testing and Accredited Free for Lepto since Feb 2019 Johnes – Level 2 	
G & MC SHEPHERD	(MOORSIDE)
Moorside House Farm, Moorside Lane, Woodplumpton, Preston, PR4 0TB	84, 88
<ul style="list-style-type: none"> Herd last tested clear from TB in May 2017 - Currently on a 4 year TB testing interval Sale Animal Tested September 2020 Member of Hi Health Herdcare (Biobest) for BVD & Johnes Accredited free for BVD since 2012 - Vaccinating sale animals using Bovela September 2020 Monitored Clear from Johnes for 7 Consecutive Years – Level 1 	

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 sale herd health declaration. The responsibility for the accuracy of the information rests solely with the breeder and not with The Hereford Cattle Society.

HEREFORD BULLS

Lots 81-90 (10 entries)

LOT Messrs Hewson

81 Amberfield 1 Rocket (P) AI

UK101198 301001

Born 21/12/2017

S.Dorepoll 1 93N Nationwide (P) ET (Imp CAN) (UK9041215 5185)

Sire - Kinglee 1 Hero (P) (UK200976 500345)

D. Costhorpe 1 Sadie 149 (P) AI (UK200424 300149)

S. Romany 1 Diamond R22 D22 (P) (UK562010 100478)

Dam - Amberfield 1 Brunette 65th (P) (UK101198 600780)

D. Amberfield 1 Brunette 34th (P) (UK101198 700340)

LOT Messrs Hewson

82 Amberfield 1 Sensation (P)

UK101198 301050

Born 07/02/2019

S.Kinglee 1 Hero (P) (UK200976 500345)

Sire - Amberfield 1 No Limit (P) AI (UK101198 200881)

D. Amberfield 1 Brunette 47th (P) (UK101198 400561)

S. Amberfield 1 Lamborghini (P) AI (UK101198 500772)

Dam - Amberfield 1 Brunette 71st (P) (UK101198 300903)

D. Amberfield 1 Brunette 59th (P) (UK101198 200692)

LOT J Boomaars

83 Vexour 1 Saracen (P) AI

UK268051 501138

Born 05/03/2019

S.Dorepoll 1 93N Nationwide (P) ET (Imp CAN) (UK9041215 5185)


Sire - Kinglee 1 Hero (P) (UK200976 500345)


D. Costhorpe 1 Sadie 149 (P) AI (UK200424 300149)

S. Solpoll 1 Landmark (P) (UK9330013 27345)

Dam - Vexour 1 Nova (P) (UK268051 500858)

D. Panmure 1 Plum J5 (P) (UK540081 200378)

	August 2020 Hereford 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	+4.3	+2.7	-	+2.6	+39	+76	+95	+16
Accuracy	47%	44%		60%	60%	60%	58%	44%
Avg.16 Calves	-0.4	-0.6	+0.8	+2.3	+27	+49	+62	+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	-	-	-	-	-	-	+42	+52
Accuracy								
Avg.16 Calves	+0.8	+40	+2.0	-0.1	+0.4	-0.1	+25	+30

LOT G & MC Shepherd
84 Moorside 1 Sultan (P) AI
 UK185962 200106

Born 18/03/2019

S.Allendale Waterloo B50 (Semen)(P)(Imp AUS) (AEDB50)


Sire - Minlacowie Jubilant J123 (Semen)(P) (JHOJ123)


D. Minlacowie Nikkie C77 (P) AI (JHOC77)

S. Moorside 1 Joseph (P) AI (UK185962 500018)

Dam - Moorside 1 Jane 11th (P) AI ET (UK185962 700083)

D. Moorside 1 Jane 3rd (P) AI ET (UK185962 600033)

	August 2020 Hereford 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	+2.8	+1.0	+3.1	+2.1	+35	+59	+73	–
Accuracy	34%	26%	61%	62%	56%	55%	53%	%
Avg.16 Calves	-0.4	-0.6	+0.8	+2.3	+27	+49	+62	+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	–	–	–	–	–	–	+33	+40
Accuracy								
Avg.16 Calves	+0.8	+40	+2.0	-0.1	+0.4	-0.1	+25	+30

A very long, dark and meaty bull, he would suit anyone wanting great beef from beautiful cattle. A cocktail of great maternal lines, mixed with the \$110,000 Jubilant sire, he provides a Homozygous polled option for your herd. **Moorside 1 Sultan** has been semen tested.

LOT Oxton Farm
85 Bickerton 1 Snickers (P)
 UK121321 600279

Born 25/03/2019

S.Blakelaw 1 Calzaghe (P) (UK125853 400115)


Sire - Coley 1 J-J (P) (UK132143 600244)


D. Coley 1 Bubbles 77 (P) (UK132143 700077)

S. Auckvale 157K Ribstone Lad 1127H (DH) AI ET (Imp CAN) (UK104917 601127)

Dam - Auckvale Dominette 1396L (DH) (UK104917 201396)

D. Auckvale Dominette 1177J (DH) (UK104917 701177)

	August 2020 Hereford 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	-2.9	-0.7	–	+3.7	+37	+61	+80	–
Accuracy	31%	28%		62%	55%	49%	50%	
Avg.16 Calves	-0.4	-0.6	+0.8	+2.3	+27	+49	+62	+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	–	–	–	–	–	–	+30	+36
Accuracy								
Avg.16 Calves	+0.8	+40	+2.0	-0.1	+0.4	-0.1	+25	+30

LOT W & R Kemp & Sons

86 Auckvale 1 Sportsman 1869S (P)

UK104917 601869

Born 28/03/2019

S.Solpoll 1 Gilbert (P) TF (UK9330013 25164)


Sire - Dendor 1 Muttley (P) (UK700495 700744)


D. Dendor 1 Honeysuckle 6th (P) (UK700495 400426)

S. Auckvale Masterman 784E (DH) AI ET (Imp USA) (UK104917 600784)

Dam - Auckvale Beauty 1316K (DH) (UK104917 601316)

D. Auckvale Beauty 1090H (DH) (UK104917 401090)

	August 2020 Hereford 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	+1.1	-3.4	—	+2.5	+32	+60	+73	+6
Accuracy	41%	35%		71%	65%	58%	58%	44%
Avg.16 Calves	-0.4	-0.6	+0.8	+2.3	+27	+49	+62	+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	—	—	—	—	—	—	+29	+34
Accuracy								
Avg.16 Calves	+0.8	+40	+2.0	-0.1	+0.4	-0.1	+25	+30

AUCKVALE 1 SPORTSMAN is a naturally reared bull, out at pasture.

LOT TW Hutchinson

87 Kingshaugh 1 Quaver (P) AI

UK104638 700332

Born 05/04/2019

S.SHF Rib Eye M326 R117 (C02910420)

Sire - Burnside Rib Eye 13Z (Semen)(Imp CAN) (C02969704)

D. Burnside Yedda 9W (C02928056)

S. Axa Golden-Oak Xceed 704X (Semen) ET (Imp CAN) (C02943387)

Dam - Kingshaugh 1 Lady (P) AI (UK104638 600261)

D. Kingshaugh 1 Daisy (P) (UK104638 500148)

Kingshaugh 1 Quaver was a lovely small born calf , and is very easily fleshing. He has a great pedigree , by **Burnside Rib Eye** and out of an **Axa Golden-Oak Xceed** daughter.

LOT G & MC Shepherd

88 Moorside 1 Status Quo (P)

UK185962 700111

Born 22/04/2019

S.Moeskaer Patriarch 1458 AI ET (Imp DNK) (69957-01458)


Sire - Houghton View 1 Gold Mine (P) (UK181862 300013)


D. Barwise 1 Amazing Grace M852 (P) AI ET (UK103000 200852)

S. Baybridge 1 Atlas (P) AI (UK341166 100084)

Dam - Romany 1 Jane A51 E66 (P) (UK562010 200598)

D. Romany 1 Jane R5 B38 (P) (UK562010 700351)

	August 2020 Hereford 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	-8.5	-3.4	—	+6.4	+43	+71	+94	+4
Accuracy	40%	35%		67%	61%	60%	58%	40%
Avg.16 Calves	-0.4	-0.6	+0.8	+2.3	+27	+49	+62	+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	—	—	—	—	—	—	+33	+38
Accuracy								
Avg.16 Calves	+0.8	+40	+2.0	-0.1	+0.4	-0.1	+25	+30

MOORSIDE 1 STATUS QUO is a long and impressive bull out of our herd matriarch, ROMANY 1 JANE, who won Female of the Year 2014. Sired by the out-cross Houghton View 1 Gold Mine, he offers length, width and scale, and a Homozygous polled head.

Moorside 1 Status Quo has been semen tested.

LOT T & D Harrison

89 Moralee 1 Sir Loin K S S18 (P)

UK114914 500141

Born 01/06/2019

S.Gouldingpoll 1 Superduty (Semen)(P) AI ET (Imp IRL) (IE191198 990477)


Sire - SMH King Size 87K AI (Imp DNK) (114588-00087)


D. SMH Delight Sally 16 AI (114588-00016)

S. Cornriggs 1 Knight Rider (P) (UK105814 100053)

Dam - Moralee 1 Mink 3rd (P) (UK114914 100053)

D. Romany 1 Mink D1 L24 (P) (UK562010 101003)

	August 2020 Hereford 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	-8.5	-0.5	—	+4.2	+33	+58	+73	—
Accuracy	40%	32%		59%	57%	57%	55%	
Avg.16 Calves	-0.4	-0.6	+0.8	+2.3	+27	+49	+62	+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	—	+2.2	+0.6	+0.2	-0.2	+24	+29
Accuracy	64%		38%	43%	41%	42%		
Avg.16 Calves	+0.8	+40	+2.0	-0.1	+0.4	-0.1	+25	+30

Another offering sired by **SMH King Sire Loin**, who won Hereford Sire of the Year 2019. **Moralee 1 Loin** is a dark coloured beef machine, and has been tested homozygous polled. Under normal circumstance he would have been in the show team for 2020.

LOT TW Hutchinson
90 Kingshaugh 1 Question (P) AI
 UK104638 200341 Born 20/06/2019
 S.Panmure 1 Henry (P) (UK540081 400345)
Sire - Gouldingpoll 1 Gold Spice (P)(Imp IRL) (IE191198 930827)
 D. Barwise 1 Rambling Rosie (P) (UK103000 200362)
 S. JSF 271 Dice ET 10M (Semen)(Imp CAN) (C02816755)
Dam - Kingshaugh 1 Opel (P) AI (UK104638 100298)
 D. Kingshaugh 1 Lady (P) AI (UK104638 600261)

KINGSHAUGH 1 QUESTION is a heifer's calf, with great width and style, and a deep red coat. Bloodlines include **Gouldingpoll 1 Gold Spice** and **JSF 271 Dice** and **Axa Golden-Oak Xceed** on the dam's side.

HEREFORD FEMALES

Lots 91-96 (6 entries)

LOT D & KM Dickinson
91 Mallowburn Pebbles (X) (DH)
 UK112751 500092 Born 30/06/2017
 S.Mara Archer (DH) (UK201977 300056)
Sire - Mara Kestrel (X)(DH) (UK201977 700214)
 D. Mara Diadem 17th (X)(DH) AI (UK201977 500051)
 S. Mara Garnet (X)(DH) (UK201977 100159)
Dam - Mara Bonny 40th (X)(DH) (UK201977 600213)
 D. Mara Bonny 16th (DH) (UK201977 700067)

Service Details: Ran from 03/20 with ELWIS PUMBA.

Hypotrichosis Free.

LOT D & KM Dickinson
92 Mallowburn Ruby (X) (DH)
 UK112751 600121 Born 01/04/2018
 S.Auckvale 157K Ribstone Lad 1131H (DH) AI ET (Imp CAN) (UK104917 301131)
Sire - Auckvale Maxim 1450M (DH) (UK104917 701450)
 D. Auckvale Miss Trina 1146J (DH) (UK104917 401146)
 S. Mara Garnet (X)(DH) (UK201977 100159)
Dam - Mara Blossom 46th (X)(DH) (UK201977 400232)
 D. Mara Blossom V13 (DH) (UK201977 700032)

Service Details: Ran from 06/20 to 07/20 with ELWIS PUMBA.

Hypotrichosis Free.

LOT D & KM Dickinson
93 Mallowburn 1 Sherry (DH)
 UK112751 100130 Born 25/10/2018
 S.Graceland 1 Colin (DH) (UK924248 7603)
Sire - Richmount 1 Hermes (DH) (UK9210472 15967)
 D. Richmount 1 Blossom (P) (UK9210472 15853)
 S. Auckvale Formula One 893F (DH) (UK104917 300893)
Dam - Mallowburn Kiss-Me-Kate (DH) (UK107052 700197)
 D. Ancholme Lindyloo F7 (DH) (UK146447 300058)

Service Details: Ran from 06/20 to 07/20 with ELWIS PUMBA.

Hypotrichosis Free.

LOT D & KM Dickinson
94 Mallowburn 1 Saffron (DH)
 UK112751 400140 Born 15/03/2019
 S.Auckvale 157K Ribstone Lad 1131H (DH) Al ET (Imp CAN) (UK104917 301131)
Sire - Auckvale Maxim 1450M (DH) (UK104917 701450)
 D. Auckvale Miss Trina 1146J (DH) (UK104917 401146)
 S. Richmount 1 Hermes (DH) (UK9210472 15967)
Dam - Mallowburn 1 Nora (DH) (UK112751 300062)
 D. Auckvale Lively 961G (DH) (UK104917 100961)

LOT D & KM Dickinson
95 Mallowburn 1 Snowdrop (DH)
 UK112751 600142 Born 17/03/2019
 S.Graceland 1 Colin (DH) (UK924248 7603)
Sire - Richmount 1 Hermes (DH) (UK9210472 15967)
 D. Richmount 1 Blossom (P) (UK9210472 15853)
 S. Auckvale Formula One 893F (DH) (UK104917 300893)
Dam - Mallowburn Foxy 191 (DH) (UK107052 100191)
 D. Mallowburn Foxy (DH) (UK107052 500090)

LOT D & KM Dickinson
96 Mallowburn 1 Sapphire (DH)
 UK112751 200145 Born 28/03/2019
 S.Graceland 1 Colin (DH) (UK924248 7603)
Sire - Richmount 1 Hermes (DH) (UK9210472 15967)
 D. Richmount 1 Blossom (P) (UK9210472 15853)
 S. Mara Garnet (X)(DH) (UK201977 100159)
Dam - Mara Blossom 46th (X)(DH) (UK201977 400232)
 D. Mara Blossom V13 (DH) (UK201977 700032)

**UNDERSTANDING THE BREEDPLAN PERFORMANCE RECORDING INFORMATION
IN THE CATALOGUE ONLY HEREFORD 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 its 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 (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.

RBV%: 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.

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

Terminal index

The Hereford terminal index is aimed at a commercial herd using Hereford 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 600kg 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 (i.e. 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 Hereford self replacing index is aimed at a Hereford herd selecting replacement females from within the herd while breeding steers and excess heifers to turn off at 22 months of age. There is emphasis on calving ease and maternal traits while also looking to finish steers for slaughter at around 620kg live weight (320kg 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 Hereford 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

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 (+6.7) is predicted to result in approximately 15% fewer assisted calvings in 2 year old heifers compared with using a bull in the Bottom 1% (-10.1). 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 (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.

RBV%: 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.

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.

The Aberdeen-Angus 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 Aberdeen-Angus Cattle Society nor the ABRI oversee or audit the collection of this data.

Aberdeen-Angus

Percentile Bands for 2018 Born Calves

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)	Carcass Wt (kg)	Eye Muscle Area (sq cm)	Fat Depth (mm)	Retail Beef Yield (%)	IMF (%)	Terminal Index	Self Replacing Index
Top Value	+10.2	+8.2	-4.9	-5.1	+74	+132	+162	+163	+34	+4.3	+107	+11.5	+2.5	+4.3	+1.5	+65	+84
Top 1%	+6.7	+4.7	-2.7	-0.9	+59	+107	+130	+126	+23	+2.6	+85	+7.3	+1.0	+2.8	+0.9	+50	+66
Top 5%	+4.2	+3.4	-1.4	+0.7	+53	+96	+116	+112	+19	+2.0	+76	+6.2	+0.1	+2.2	+0.6	+45	+59
Top 10%	+2.9	+2.8	-0.8	+1.3	+50	+90	+110	+105	+17	+1.7	+71	+5.6	-0.2	+1.9	+0.5	+42	+55
Top 15%	+2.2	+2.3	-0.5	+1.7	+48	+86	+105	+100	+16	+1.6	+68	+5.2	-0.4	+1.7	+0.4	+41	+53
Top 20%	+1.6	+1.9	-0.2	+2.0	+46	+83	+101	+96	+15	+1.4	+66	+4.8	-0.5	+1.6	+0.3	+39	+51
Top 25%	+1.0	+1.6	-0.1	+2.2	+45	+80	+98	+93	+14	+1.3	+63	+4.6	-0.7	+1.4	+0.3	+38	+49
Top 30%	+0.5	+1.3	+0.1	+2.4	+43	+77	+95	+90	+14	+1.2	+61	+4.3	-0.8	+1.3	+0.2	+36	+48
Top 35%	+0.1	+1.0	+0.3	+2.6	+42	+75	+93	+88	+13	+1.2	+59	+4.1	-0.9	+1.2	+0.2	+35	+46
Top 40%	-0.3	+0.8	+0.4	+2.8	+41	+73	+90	+85	+12	+1.1	+58	+3.9	-1.0	+1.1	+0.2	+34	+45
Top 45%	-0.7	+0.5	+0.5	+3.0	+40	+71	+88	+83	+12	+1.0	+56	+3.7	-1.2	+1.0	+0.1	+33	+43
Top 50%	-1.2	+0.2	+0.6	+3.2	+39	+69	+85	+81	+11	+1.0	+54	+3.6	-1.3	+0.9	+0.1	+32	+42
Top 55%	-1.6	+0.0	+0.8	+3.4	+37	+67	+83	+78	+11	+0.9	+53	+3.4	-1.4	+0.8	+0.1	+31	+41
Top 60%	-2.1	-0.3	+0.9	+3.6	+36	+65	+80	+76	+10	+0.8	+51	+3.2	-1.5	+0.8	+0.1	+30	+39
Top 65%	-2.5	-0.6	+1.0	+3.8	+35	+62	+78	+74	+9	+0.7	+49	+3.0	-1.6	+0.7	+0.0	+29	+38
Top 70%	-3.0	-0.9	+1.1	+4.0	+34	+60	+75	+71	+9	+0.7	+47	+2.9	-1.8	+0.6	+0.0	+28	+37
Top 75%	-3.5	-1.2	+1.2	+4.2	+33	+57	+72	+68	+8	+0.6	+45	+2.7	-1.9	+0.5	+0.0	+27	+35
Top 80%	-4.1	-1.6	+1.4	+4.5	+31	+55	+69	+65	+7	+0.5	+43	+2.5	-2.1	+0.4	-0.1	+25	+33
Top 85%	-4.9	-2.1	+1.5	+4.8	+29	+51	+65	+62	+6	+0.4	+40	+2.2	-2.3	+0.3	-0.1	+23	+31
Top 90%	-5.8	-2.7	+1.8	+5.2	+27	+47	+60	+57	+5	+0.2	+37	+2.0	-2.5	+0.2	-0.2	+21	+29
Top 95%	-7.2	-3.6	+2.1	+5.7	+23	+40	+52	+50	+4	+0.0	+31	+1.7	-2.9	+0.0	-0.3	+18	+25
Top 99%	-10.1	-5.4	+2.8	+7.0	+14	+23	+29	+28	+0	-0.5	+17	+1.0	-3.6	-0.4	-0.5	+11	+15
Low Value	-18.8	-10.0	+4.9	+11.2	-10	-25	-32	-30	-7	-2.9	-23	-1.3	-5.8	-1.6	-1.4	-10	-7

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

BRITISH BLUE

EXPLANATORY NOTES FOR CATALOGUES

Only British Blue 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 its 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 (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.

RBV%: 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.

INDEXES

An index combines the EBVs with economic information (costs and returns) for specific market and production systems to rank animals based on relative profit values. Note that the different types of animals can give similar profit values, so you should also consider both the index and the component EBVs when selecting animals for your production system.

BBB Carcase Profitability Index (£'s) - Estimates the genetic differences between animals in net profitability per cow mated for an example commercial herd targeting the EU market with no marbling requirement. All progeny are assumed to be marketed at around 550-580 kg live weight (280-320 kg carcase weight) at approximately 19 months of age.

Bulls with a higher BBB Carcase Profitability Index will have a greater genetic potential to sire heavier finished progeny. As there are no maternal traits included in the calculation of the BB Carcase Profitability Index, bulls with a high Index will not necessarily be suitable for breeding heifer replacements.

BBB Pedigree Breeding Index (£'s) - This index (£ per cow joined) targets herds that breed their own replacement cows and bulls and slaughter progeny from large framed cows. Steer progeny are slaughtered at around 16 months of age at 620 kg live weight (360 kg carcase weight). The main EBV emphases are on weight, carcase retail beef yield and calving ease. The index estimates the genetic differences between animals in net profitability per cow mated for a herd targeting the EU market with no marbling requirement. With this in mind, the index also identifies suitable replacement breeding animals by also considering the maternal and fertility traits of the animal. Therefore, both direct and daughters calving ease are included in the index.

This index is only reported for animals with at least moderate accuracy for the key traits. Animals must also be in the top 50th percentile or better for Calving Ease Direct, 400 Day Weight and Retail Beef Yield % EBVs.

The British Blue 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 Blue Cattle Society nor the ABRI oversee or audit the collection of this data.

British Blue Percentile Bands for 2018 Born Calves

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)	Carcass Wt (kg)	Eye Muscle Area (sq cm)	Fat Depth (mm)	Retail Beef Yield (%)	IMF (%)	BBB Carcass Profitability Index	BBB Pedigree Breeding Index
Top Value	+3.1	+2.3	-1.5	-1.0	+31	+58	+76	+70	+8	+1.5	+44	+3.5	-0.7	+1.6	+0.6	+35	+32
Top 1%	+2.1	+1.5	-1.0	-0.4	+23	+45	+59	+56	+7	+1.1	+33	+3.0	-0.4	+1.3	+0.3	+25	+25
Top 5%	+1.2	+0.9	-0.5	+0.6	+19	+35	+49	+48	+6	+0.8	+26	+2.5	-0.3	+0.9	+0.3	+21	+19
Top 10%	+0.8	+0.6	-0.3	+0.9	+18	+32	+45	+43	+5	+0.6	+24	+2.2	-0.2	+0.7	+0.2	+19	+16
Top 15%	+0.5	+0.4	-0.1	+1.2	+17	+30	+42	+39	+5	+0.5	+23	+2.0	-0.1	+0.6	+0.2	+17	+14
Top 20%	+0.3	+0.2	+0.0	+1.4	+16	+28	+39	+36	+5	+0.5	+21	+1.9	-0.1	+0.6	+0.2	+16	+13
Top 25%	+0.1	+0.1	+0.1	+1.6	+15	+26	+37	+35	+4	+0.4	+20	+1.8	+0.0	+0.5	+0.2	+15	+11
Top 30%	-0.1	+0.0	+0.2	+1.7	+14	+25	+36	+33	+4	+0.3	+19	+1.7	+0.0	+0.5	+0.2	+14	+10
Top 35%	-0.2	-0.1	+0.3	+1.9	+14	+23	+34	+31	+4	+0.3	+19	+1.7	+0.0	+0.4	+0.1	+14	+9
Top 40%	-0.3	-0.2	+0.4	+2.0	+13	+22	+32	+30	+4	+0.2	+18	+1.6	+0.0	+0.4	+0.1	+13	+8
Top 45%	-0.5	-0.3	+0.5	+2.2	+13	+21	+31	+29	+4	+0.2	+17	+1.6	+0.1	+0.4	+0.1	+13	+7
Top 50%	-0.5	-0.4	+0.6	+2.3	+12	+21	+30	+28	+3	+0.2	+16	+1.5	+0.1	+0.3	+0.1	+12	+6
Top 55%	-0.6	-0.4	+0.7	+2.5	+12	+20	+29	+26	+3	+0.1	+16	+1.4	+0.1	+0.3	+0.1	+11	+5
Top 60%	-0.7	-0.5	+0.8	+2.6	+11	+19	+27	+25	+3	+0.1	+15	+1.4	+0.1	+0.3	+0.1	+11	+4
Top 65%	-0.8	-0.6	+0.8	+2.7	+11	+18	+26	+24	+3	+0.1	+15	+1.3	+0.1	+0.3	+0.1	+10	+3
Top 70%	-0.9	-0.6	+0.9	+2.8	+10	+17	+25	+23	+3	+0.0	+14	+1.3	+0.2	+0.2	+0.1	+10	+2
Top 75%	-1.0	-0.7	+1.0	+2.9	+9	+16	+24	+22	+3	+0.0	+13	+1.2	+0.2	+0.2	+0.0	+9	+0
Top 80%	-1.1	-0.8	+1.1	+3.1	+9	+15	+22	+21	+2	-0.1	+13	+1.1	+0.2	+0.1	+0.0	+8	-1
Top 85%	-1.2	-0.9	+1.2	+3.3	+8	+13	+21	+19	+2	-0.1	+12	+1.0	+0.3	+0.1	+0.0	+7	-2
Top 90%	-1.3	-1.0	+1.3	+3.6	+7	+12	+18	+16	+2	-0.2	+10	+0.9	+0.3	+0.0	+0.0	+6	-4
Top 95%	-1.5	-1.2	+1.5	+4.1	+5	+8	+14	+13	+2	-0.3	+8	+0.6	+0.4	-0.1	-0.1	+4	-7
Top 99%	-1.9	-1.6	+1.9	+5.4	+1	+1	+3	+1	+0	-0.4	+1	+0.1	+0.6	-0.4	-0.2	-1	-11
Low Value	-2.2	-2.0	+2.6	+7.1	-5	-7	-8	-6	-2	-0.7	-5	-1.1	+0.9	-1.0	-0.5	-9	-16

British Blue Alphabetical Bull Index

(All bulls marked * in the pedigrees are included in the reference)

AFFUTE DE RY OSSOGNE (IS) is by **Orvet 5943 Bois De Bailleonville** and out of **Papila (by Galopeur De Hayons)**. His sons include **Entreprenant Theodore** who sold for 5,500gns Carlisle May 2002; **Annanwater Tyson** who won Male, Supreme Champion and the Border Club special trophy and sold for 4,000gns Carlisle October 2002; **Tamhorn Tomahawk ET** who sold for 6,000gns Carlisle May 2003; **Annanwater Vandyke ET** who sold for 5,200gns, **Blue Stone Volcano ET** who sold for 4,800gns and **Gregmaur Ulster** who sold for 4,300gns Carlisle May 2004; **Wilodge Vantastic ET** who won Reserve Male Champion and sold for 8,200gns, **Tamhorn Valiant ET** who sold for 3,100gns Carlisle Sept 2004; **Paulern Voltaire ET** who sold for 7,500gns, **Annanwater Vince** who won Intermediate & Reserve Overall Male Champion and sold for 5,500gns, **Boothlow Veron ET** who sold for 5,200gns, **Annanwater Venus ET** who sold for 3,200gns and **Woodview Vance** who sold for 3,200gns Carlisle May 2005; **Clougher Wonderby ET** who won Male & Supreme Champion and sold for 9,000gns, **Welton Valuable Asset ET** who won Reserve Male Champion and sold for 3,500gns Carlisle September 2005; **Annanwater Wiseguy** who sold for 8,800gns, **Woodview Wayne ET** who won Reserve Senior Male Champion and sold for 7,200gns, **Tamhorn Wiseman ET** who sold for 6,000gns, **Gregmaur Wycliffe** who sold for 5,500gns, **Boothlow Wynn ET** who sold for 5,300gns, **Woodview Wildfire ET** who sold for 4,800gns, **Boothlow Winter ET** who sold for 3,500gns & **Linthorpe Archie ET** who sold for 3,200gns Carlisle May 2006; **Woodview Alec** who sold for 4,600gns at the **2nd Production Sale from the Woodview Herd** Carlisle June 2006; **Droit Acorn ET** who sold for 9,500gns, **Boothlow Allan ET** who sold for 7,500gns, **Boothlow Archie** who sold for 6,100gns, **Droit Abba ET** who sold for 5,200gns & **Welton Amos ET** who sold for 4,000gns Carlisle May 2007; **Paulern Brisol ET** who sold for 4,800gns Carlisle October 2008; **Astbury Commander ET** who won Reserve Senior Male Champion and sold for 7,000gns Carlisle May 2009. His daughters include **Tamhorn Roxy ET** who sold for 4,700gns Triple Blue Breeder's Sale Carlisle 2000; **Gregmaur Shiulle** who sold for 4,500gns Carlisle May 2002; **Annanwater Vine ET** who sold for 3,000gns and **Springfield Venus ET** who sold for 2,000gns Carlisle May 2005; **Woodview Winona ET** who sold for 3,200gns, **Woodview Wanda ET** who sold for 3,100gns, **Woodview Alexis ET** who sold for 2,800gns, **Woodview Wileen ET** who sold for 2,700gns, **Woodview Amy ET** who sold for 2,600gns, **Woodview Wendy ET** who sold for 2,000gns & **Woodview Amelia ET** who sold for 2,000gns at the **2nd Production Sale from the Woodview Herd** Carlisle June 2006; **Tamhorn Anya** who sold for 3,500gns Carlisle May 2007; **Annanwater Coral ET** who won Female & Reserve Supreme Champion at the Border Club's 9th Annual Open Calf Show Carlisle February 2008; **Marsh Blue Black Buster ET** who sold for 4,500gns Carlisle May 2008. Foxhill Olala who won Champion Female an Reserve Overall Champion and sold for 4500gns Carlisle Jan 2020.

ANNANWATER VINCE is by **Affute Du Ry Ossogne (IS)** and out of **Tamhorn Romance ET (by Banquier Du Moulin Derbaix)**. His daughters include **Ryden Izzy** who sold for 2,700gns Carlisle January 2014.

BARON DU BOIS BAULOYE (IS) is by **Affute du Ry Ossogne (IS)** and out of **Faradiba du Bois Bauloye (by Guliver Du Coin)**. He is noted for his high weight gains. His sons include **Annanwater Star ET** who sold for 6,000gns, **Annanwater Storm ET** who sold for 4,300gns, **Tamhorn Stardust** who sold for 3,750gns Carlisle May 2002; **Bringlee Titus ET** who won Supreme Champion and sold for 10,000gns, **Boomer Tigger ET** Reserve Senior Champion and sold for 6,200gns, **Tamhorn Toronto ET** who sold for 5,000gns and **Broomfield Telfer** who sold for 5,000gns Carlisle May 2003; **Birdswood Upbeat** who sold for 3,100gns Carlisle Oct 2003; **Blue Stone Union Jack** won Reserve Senior Male Champion and sold for 6,500gns, **Wilodge Upstart ET** who sold 5,800gns and **Norton Ullrick ET** who sold for 5,700gns Carlisle May 2004; **Bringlee Volkawagon ET** who sold for 11,500gns and **Bringlee Valdemar ET** who sold for 4,600gns Carlisle May 2005; **Henlli Wishmaster ET** who won Intermediate Male Champion and sold for 21,000gns, **Glenrock Wrangler ET** who sold for 5,200gns & **Blue Rock Wakizashi Warrior ET** who won

Overall Male Champion and sold for 4,500gns Carlisle May 2006; **Harestone Andrew** who sold for 4,000gns Carlisle September 2006; **Norton Archie ET** who sold for 8,000gns, **Norton A Star ET** who sold for 5,800gns & **Paulern Arthur ET** who sold for 4,400gns Carlisle May 2007; **Franks Arnie ET** who won Reserve Supreme Champion and sold for 5,500gns Carlisle Autumn 2007; **Bringlee Bouncer ET** won Reserve Senior Male Champion and sold for 9,000gns & **Springhill Blower** who sold for 7,200gns Carlisle May 2008; **Tamhorn Captain ET** who sold for 4,000gns Carlisle October 2008; **Bringlee Connel ET** who sold for 5,000gns Bringlee Sale Carlisle January 2009; **Solway View Dynamite ET** who won Reserve Overall Championship Border Club's Calf Show February 2009; **Henlli Casanova ET** who sold for 9,000gns Carlisle May 2009; **Clonmore Ben (IS)** who sold for 8,500gns Carlisle February 2010. His daughters include **Annanwater Vixen ET** who won Overall Female Champion and Reserve Supreme Champion and sold for 5,500gns and **Springfield Willow ET** who sold for 2,000gns Carlisle May 2005; **Bringlee Cherry ET** who sold for 11,000gns & **Bringlee Doubliette ET** who sold for 7,000gns Bringlee Sale Carlisle January 2009. **Lukeroyal Fidget (ET)** who sold for 7,000gns Carlisle May 2017. Recipients with calves at foot include **Inveresk Alex ET** who sold for 2,500gns Carlisle May 2005; **Glenrock Whiskey ET** who sold for 4,000gns, **Glenrock Willshe ET** who sold for 2,500gns & **Broomfield Uranna Broomfield Alana**, (heifer calf at foot) who sold for 2,500gns Carlisle May 2006; **Woodview Utopia ET** who sold for 3,800gns & **Woodview Violet** who sold for 2,000gns at the **2nd Production Sale from the Woodview Herd** Carlisle June 2006.

BEDGEBURY KENT is by **Germinal De Fooz** and out of **Bedgebury Fancy Pants**. Won Champion and sold for 15,000gns May 2017.

BLUE STONE UNION JACK is by **Baron Du Bois Bauloye IS** and out of **Blue Stone Madona (by Opticien D'Au Chene)**. He won Reserve Senior Male Champion and sold for 6,500gns Carlisle May 2004. His sons include **Pendle Australia** who sold for 6,000gns Carlisle September 2006; **Pendle Bonanza** who won Reserve Male Champion at the Border Belgian Blue Club's Eighth Annual Calf Show Carlisle February 2007; **Pendle Aaron ET** who sold for 5,000gns & **Pendle Allblack** who sold for 4,500gns Carlisle May 2007; **Pendle Bruce** who sold for 7,500gns Carlisle May 2008; **Pendle Bruce** who sold for 7,000gns Carlisle May 2009; **Pendle DJ** who sold for 6,000gns Carlisle May 2010. **Pendle Jacko** who sold for 5,500gns Carlisle May 2016. His daughters include **Pendle Alice Springer** who won Female and Reserve Supreme Champion at the Border Belgian Blue Club's Seventh Annual Calf Show Carlisle February 2006; **Pendle Boo La La ET** who sold for 3,900gns Carlisle May 2007 **Pendle Dazzle** who won Reserve Female Champion at the Border Club's Calf Show February 2009; **Pendle Dazzle** and **Pendle Dotty** who won Reserve progeny group Border Club's Calf Show February 2009; **Pendle Dazzle** who sold for 6,500gns Carlisle May 2009. **Pendle Foxy ET** who sold for 3,800gns Carlisle May 2012. **Pendle Hellena** who sold for 3,000gns Carlisle May 2013. **Pendle Kit Kat** who sold for 5,500gns Carlisle May 2016.

BOHERARD CANTONA ET is by **Empire D'Ochain (IS) (SR)** and out of **Boherard Alison (by Black Du Baty D'Eprave)**. His daughters include **Trencrom Ima Star ET** who was Female Champion and sold for 5,800gns Carlisle Jan 2015. **Trencrom Kwaliti Street ET** who sold for 3,500gns Carlisle May 2016. **Tanat Kindle ET** who sold for 3,750gns Carlisle Jan 2017. **Stonebyres Miranda** who sold for 5,200gns Carlisle Jan 2018. His sons includes **Top Side Jake ET** who sold for 5,000gns Carlisle Jan 2017. **Stonebyres Murphy** who sold for 4,000gns Carlisle Oct 2018.

CRISTAL DE SOMME (IS) is by **Opticien d'au Chene** and out of **Ablette de Somme**. His sons include **Nether Oregon ET** who sold for 3,700gns Carlisle May '99; **Broomfield Unicorn** who sold for 3,400gns Carlisle May 2004; **Auchentiber Va Va Voom ET** who sold for 3,500gns Carlisle May 2005; **Tamhorn Wacker ET** who sold for 6,100gns Carlisle May 2006. **Pendle Kevlar** who sold for 6,500gns Carlisle May 2017. His daughters include **Tamhorn Oriana ET** who won her class & was reserve supreme champion RASE & RHAS 1999; female & supreme champion Leicestershire show

and supreme champion Staffordshire County show 2000; **Tamhorn Silver Belle ET** who sold for the top price of 7,500gns (supreme champion Great Yorkshire show 2002) & **Tamhorn Silver Charm ET** who sold for 3,800gns Triple Blue Breeder's Sale Carlisle 2000' **Bringlee Angie** and her heifer calf at foot **Bringlee Dolly** who sold for 4,500gns Bringlee Sale Carlisle January 2009.

CROMWELL FENDT (SR) is by **Wacko Van Het Beekhof (IS)** and out of **Cromwell Darling ET**. His daughters include **Croftends Izzy** who sold for 4,500gns Carlisle May 2015. His sons include **Littlebank Invincabull (ET)** who sold for 5,600gns and **Cromwell Instigator** who sold for 5,000gns Carlisle May 2015. **Dragon Blues Impress ET** who sold for 4,000gns Carlisle Jan 2016. **Dragon Blues King ET** who sold for 11,800gns Carlisle May 2017. **Dragon Blue Lotto ET** who sold for 5,000gns Carlisle May 2018

DAFYDD D'OCHAIN (SR) is by **Gigolo D'Ochain** and out of **Adoree D'Ochain**. He is a Black and white bull introduced to the Norbreck Genetics Stud spring 2004 with a fantastic outcross pedigree - easy to use on most bloodlines. Very fertile semen – ideal for use in embryo transfer programmes. Great legs & feet combined with sound locomotion. He is a Heavily muscled bull with lots of style; Sire – Gigolo weighed 1,300kg and had a linear score of 88; Dam – Adoree, linear score of 88.4 and 90 for height; Dafydd Linear score = 88.9 - Height improver (+6). At the North West Club Calf Show held at the Chelford Agricultural Centre by kind permission of Frank R Marshall & Co on Monday 6th February 2006 top honours went to the Springfield herd of Allan and Deirdre Wilkinson when their 13 month old bull Springfield Asher took both the Male and Supreme Championships, and their 13 month old heifer Springfield Anastasia took the Female Champion and Reserve Supreme tickets. Asher and Anastasia were both sired by Dafydd D'Ochain. His sons include **Oak Tree Acceptabull ET** who sold for 5,000gns Carlisle May 2006; **Tamhorn Amazon ET** who sold for 5,000gns & **Tamhorn Ambassador ET** who sold for 4,800gns Carlisle September 2006; **Ballee Ace ET** who sold for 11,000gns, **Springfield Amos ET** who sold for 8,500gns, **Navac Apache ET** who sold for 7,500gns, **Valley Adagio ET** who sold for 6,500gns, **Cwm Achilles** who sold for 6,000gns, **Ridge Dean Buzzard ET** who sold for 5,500gns, **Bluegrass Apache ET** who sold for 5,000gns & **Springfield Ambrose** who sold for 4,200gns Carlisle May 2007; **Ridge Dean Bronson ET** who sold for 5,800gns Carlisle Autumn 2007; **Stockmerle Boy Named Sue** who sold for 9,000gns, **Lukeroyal Battle Axe ET** who sold for 9,000gns, **Pendle Bulldozer ET** who sold for 8,500gns (Reserve Intermediate Male Champion) & **Littlebank Bart ET** who sold for 8,200gns Carlisle May 2008; **Lakeview Barrichello** who sold for 6,000gns Lockerbie October 2008; **Springfield Dusty ET** who won reserve male championship Border Club's Calf Show February 2009; **Harestone Daredevil** who sold for 5,500gns & **Lukeroyal Clown ET** who sold for 4,000gns Carlisle September 2009; **Dragon Blues David ET** who sold for 11,000gns, **Stonebyres Duke** who sold for 9,500gns, **Ridge Dean Duo ET** who sold for 9,000gns, **Ballee Dolomite ET** who sold for 7,000gns & **Ballee Dominator ET** who sold for 6,000gns Carlisle May 2010; **Harestone Drambuie ET** who sold for 4,300gns Carlisle October 2010; **Faughanvale Ernie ET** (intermediate male, overall male & supreme champion) who sold for 14,000gns, **Dragon Blues Dorian ET** who sold for 12,000gns, **Littlebank Elliot ET** who sold for 12,000gns & **Droit Esquire ET** who sold for 9,000gns, **Droit Elite ET** who sold for 6,000gns & **Nether Hall Extra Special ET** who sold for 6,000gns Carlisle May 2011. **Droit Geronimo ET** who sold for 6,200gns and **Droit Gerry ET** who sold for 4,500gns Carlisle January 2013. **Tweeddale Hi Tech ET** who sold for 9,500gns Carlisle May 2014. **Liley Knight** who sold for 10,000gns Carlisle May 2016. **Droit Luke ET** who sold for 5,200gns Carlisle Oct 2018. His daughters include **Tamhorn Anastasia** who sold for 8,700gns; **Staimine Moss Agatha ET** who sold for 3,000gns Carlisle May 2006; **Woodview Aleaha ET** who sold for 5,200gns, **Woodview Angelina ET** who sold for 2,600gns & **Woodview Appeal ET** who sold for 2,200gns at the *2nd Production Sale from the Woodview Herd* Carlisle June 2006; **Midas Alice ET** (reserve female champion) who sold for 4,200gns Carlisle September 2006; **Bluegrass Belle ET** who sold for 4,500gns, **Ridge Dean Bubbles ET** who sold for 4,000gns & **Carrock Amy ET** who sold for 3,300gns Carlisle May 2007; **Nether Hall Betty Boo ET** (female champion) who sold for 7,000gns Carlisle May 2008; **Croftends Bonnie ET** who sold for 5,200gns & **Maidenlands Bauble ET** who sold for 3,800gns Carlisle October 2008; **Broadlands Coral ET** who sold for

7,000gns & **Croftends Candy ET** (female & supreme champion) who sold for 6,000gns Carlisle May 2009; **Droit Davina ET** who sold for 9,500gns Carlisle May 2010. **Rockfield Holly ET** who was Reserve Female Champion and sold for 5,000gns Carlisle May 2015. **Tweeddale Gleeful ET** who sold for 5,000gns and **Tweeddale Helpful** who sold for 4,500gns Tweeddale Dispersal Carlisle August 2015. **Littlebank Kylie ET** who sold for 4,000gns and **Drews Jersey ET** who was Reserve female Champion and sold for 3,600gns Carlisle May 2016. Recipients with calves at foot include **Woodview Bambi ET (Heifer)** who sold for 6,500gns, **Woodview Belinda ET (Heifer)** who sold for 4,500gns, **Woodview Babe ET (Heifer)** who sold for 3,500gns, **Woodview Beauty ET (Heifer)** who sold for 3,100gns, **Woodview Brilliant ET (Heifer)** who sold for 2,600gns, **Woodview Adore ET (Heifer)** who sold for 2,100gns at the *2nd Production Sale from the Woodview Herd* Carlisle June 2006.

Royalty on pedigree calves £20 + VAT

DRIFT DOMINO (SR) is by **Twyning Ash Troy (SR)** and out of **Cowden Blackberry (ET)**. His sons include **Highridge Blues Iron Man ET** who sold for 4,800gns Carlisle Jan 2016. **Homilton Jaguar** who sold for 7,000gns Carlisle May 2016. **Hallfield Mojo** who sold for 9000gns Carlisle May 2019. **Top Side Ned** who won Reserve Supreme Champion.

DRYBARROWS CAWDALE is by **Hazelwood Uranus** and out of **Woodview Winnifred**. He was sold for 12,500gns Carlisle May 2009 and is producing many great high priced bulls. His progeny include **Almeley Ferdinand** who sold for 7,000gns and **Almeley Ferguson** who sold for 6,500gns Carlisle May 2012. **Almeley Ginola** who was Intermediate Male Champion and sold for 20,000gns and **Almeley Goliwog** who was Senior Male and Overall Male Champion and sold for 8,800gns and **Almeley Gulliver** who sold for 6,800gns Carlisle May 2013. **Almeley Hi Tech** who was Male Champion and Overall Reserve Champion and sold for 6,200gns and **Almeley High Spec** who sold for 6,200gns Carlisle January 2014. **Almeley Hatrick** who sold for 11,000gns, **Almeley Handyman** who sold for 9,000gns, **Almeley Hazard** who sold for 5,500gns and **Almeley Impressive** who sold for 6,500gns Carlisle May 2014. **Almeley Incredible** who sold for 7,000gns Carlisle Jan 2015. **Almeley Invincible** who sold for 8,500gns, **Almeley Import** who sold for 5,500gns and **Almeley Insurance** who sold for 5,000gns Carlisle May 2015. **Almeley Jupiter** who sold for 4,300gns Carlisle Jan 2016. **Almeley Jasper** who sold for 8,500gns, **Lukeroyal Jewel ET** who sold for 6,000gns and **Almeley Joseph** who sold for 5,500gns Carlisle May 2016. **Almeley Jimmy** who sold for 7,000gns Carlisle Sept 2016. **Almeley Kracker** who sold for 5,500gns Carlisle Jan 2017. **Almeley Kendrick ET** who sold for 10,000gns and **Almeley Lionel ET** who sold for 5,000gns Carlisle May 2018. **Almeley Lightning** who sold for 20,000gns, **Almeley Michelin Man** who won Reserve Senior Champion and sold for 7,500gns Carlisle May 2019.

ELKEHARD VAN DE WOLVENDREEF (IS) is by **Frerot de Belle Eau** and out of **ET Doontje Van De Wolvendreef**. His daughters include **Astbury Royal Flush ET** who sold for 2,600gns Triple Blue Breeder's Sale Carlisle 2000.

EMPIRE D'OCHAIN (SR) (IS). **Empire** weighs 1500kgs and is well known for high growth rates and size. His sons include **Parsonage Drew** who won the Progeny Group with **Solway View Drambuie ET** (heifer) Border Club's Calf Show February 2009. **Tamhorn Crackerjack ET** (reserve intermediate male champion) who sold for 16,000gns, **Greystone Cannon** who sold for 11,000gns & **Brookfield Columbus ET** who sold for 10,000gns Carlisle May 2009; **Ballyhossett Duke** (male & supreme champion) who sold for 10,500gns & **Ridge Dean Dynamite ET** who sold for 7,000gns Carlisle September 2009; **Sharplaw Engineer ET** who was reserve male champion Border Club Calf Show February 2010; **Ridge Dean Dynamo ET** (male & supreme champion) who sold for 9,000gns, **Ridge Dean Delta ET** who sold for 9,000gns, **Woodview D Best ET** who sold for 7,800gns, **Woodview Dave ET** who sold for 6,200gns & **Ridge Dean Dumbledore ET** who sold for 5,500gns Carlisle February 2010; **Arcanna Dynamite ET** who sold for 7,500gns Carlisle May 2010; **Harestone Excalibre ET** who sold for 6,900gns, **Black N Blue Emperor ET** (male and

supreme champion) who sold for 5,400gns & **Droit Dexter ET** who sold for 4,400gns Carlisle October 2010; **Norbreck Fergus** who was overall champion Border Club Calf Show Agri-Expo 2010; **Lyonpark Fortitude ET** was the male and overall champion at the Border Club's Annual Calf Show February 2011; **Belmore Emperor ET** Who Sold For 7,000gns Carlisle May 2011; **Tamhorn Ferdinand ET** who sold for 6,000gns Carlisle October 2011; . **RATHLYON DAVE ET** who sold for 6,800gns & **Seaclan Duke ET** who was Male Champion and Reserve Overall Champion and sold for 6,200gns Carlisle January 2012. **Tanat Guardsman ET** who was male champion Border Club Calf Show February 2012. **Littlebank Freddie ET** who was Reserve Senior Champion and sold for 8,300gns, **Owlden Firebolt ET** who sold for 7,500gns and **Glenpark Frome ET** who sold for 6,000gns Carlisle May 2012. **Drews Goliath ET** who sold for 6,500gns Carlisle October 2012. **Osborne Flash** who sold for 6,500gns Carlisle January 2013. **Almeley Giggs ET** who sold for 7,000gns and **Graymar Gladiator ET** who sold for 6,000gns Carlisle May 2013. . **Franks Hugger Muggler ET** who was Male and Supreme Champion and sold for 9,000gns Carlisle October 2013. **Newton Blues Geordie ET** was reserve Male Champion and sold for 5,200gns Carlisle January 2014. **Graymar Highflyer ET** who sold for 5,000gns Carlisle May 2014. **Kingside Inka Warrior ET** who sold for 5,200gns Carlisle Jan 2015. **Droit Irishman (ET)** who sold for 6,800gns Carlisle May 2015. **Littlebank Jimmy** who sold for 9,200gns Carlisle Jan 2016. His daughters include **Croftends Emma ET** who was overall champion Border Club Calf Show Agri-Expo October 2009 & female and overall champion Border Club Calf Show February 2010; **Low Longthwaite Diamond ET** who sold for 3,000gns Carlisle October 2010; **Graymar Fantasy ET** who sold for 5,500gns, **High Moss Darth Vadar ET** who sold for 3,700gns and **Penpeugh Elite** who sold for 3,500gns Carlisle May 2011; **Croftends Georgia ET** who was female & overall champion Border Club Calf Show February 2012. **College Valley Goldie ET** who sold for 2,800gns at the College dispersal Carlisle May 2012. **Drumlone Fancypants ET** who sold for 6,600gns Carlisle May 2012. **Drumlone Fanfare ET** who sold for 4,500gns and **BLACK N Blue Fc UK Two** who was Reserve Female Champion and sold for 4,500gns and **Sharplaw Foxy lady ET** who sold for 4,200gns Carlisle May 2012. **Lukeroyal Giggie ET** who was Female Champion and sold for 2,600gns Carlisle October 2013. **Tweeddale Enhance ET** who sold for 4,500gns Tweeddale Dispersal Carlisle August 2015. **Dinmore Justina ET** who sold for 2,600gns Carlisle Jan 2016. **Owlden Imogen ET** who sold for 4,200gns Carlisle Jan 2018.

GREYSTONE ATOMIC is by **Tartas De Remichampagne** and out of **Wreay Nicola 2 (by Cristal De Somme)**. His sons include **Greystone Frostie** who sold for 4,600gns Carlisle January 2012.

HEROS DU PEROY (IS) is by **Davidson De L'Ecluse** and out of **Brillante Du Peroy (by Spirou Du Peroy)**. His daughters include **Rathlyon Dinah ET** who won Female and Overall Champion and sold for 3,500gns Carlisle January 2012. **Droit Faye** who sold for 3,300gns Carlisle May 2012. **Droit Hester ET** who sold for 3,300gns Carlisle May 2014. **Knockaraven Jessie J ET** who won Champion Female and sold for 3,800gns Carlisle Jan 2016. His sons include **Bluegrass Famous ET** who won Reserve Male and Reserve Supreme Champion and sold for 10,000gns Carlisle October 2012. **Littlebank Gigolo** who sold for 7,200gns and **Edenfauld Hector** who sold for 6,000gns Carlisle May 2013. **Droit Horatio ET** who won Intermediate Champion and sold for 7,200gns and **Droit Hamil ET** who sold for 6,500gns Carlisle May 2014. **Droit Icon (ET)** who sold for 5,500gns Carlisle May 2015. **Pendle Nice Ice Baby** who sold for 4000gns Carlisle Jan 2020.

JALON DE MARTINPRE (IS) is by **Bijoutier ET De Roupage** and out of **Graduee De Martinpre**. His sons include **Pendle Impretza** who sold for 7,500gns Carlisle Jan 2015. **Pendle Iveco** who sold for 5,000gns Carlisle May 2015. **Pendle Kung Fu Panda** who sold for 5,500gns Carlisle Jan 2017. **Pendle Lynx** who sold for 10,000gns Carlisle Jan 2018. **Pendle Lion Heart** who sold for 6,000gns Carlisle May 2018. **Pendle Minstrel** who sold for 6,000gns Carlisle May 2019. **Pendle Nelson** who sold for 4000gns Carlisle Jan 2020. His daughters include **Pendle Jazz** who sold for 3,000gns Carlisle May 2015. Known for his easy calving.

PINNACLE HERO (ET) is by **Kilowatt D'Ochain (IS)** and out of **Rosemount Faith**. His son

include **Almeley Keeman** who sold for 5,500gns Carlisle May 2017. **Almeley Lallana** who sold for 7,000gns Carlisle May 2018. **Almeley Marhez** who sold for 9,000gns, **Almeley MaLaren** who sold for 8,500gns Carlisle May 2019.

RIDGE DEAN MAHOGANY is by **Park Daimler** and out of **Oreillette de Groyne**. He is almost all black and is a noted very easy calving sire. 85% of pedigree cows have calved naturally to him. Mahogany was 1st prize junior bull & male champion RHAS, 1st prize junior bull, male & supreme champion RWAS and 1st prize junior bull RASE 1996. Mahogany semen has been sold to the USA and the first calves are being born naturally, black in colour, with very positive feedback. Heifers from **'Wilke about Blues'** sale Carlisle August 2002 are calving naturally and going on to do well. His sons include **Ridge Dean Optimist 2** who sold for 3,600gns Carlisle May'99; **Ridge Dean Perky** who sold for 3,400gns Carlisle Sept'99; **Ridge Dean Pointer** who sold for 5,400gns, **Ridge Dean Pegasus** who sold for 4,500gns, **Ballee Pluto** who sold for 3,900gns, **Dan Morland Paddy ET** who sold for 3,800gns, **Ridge Dean Riant** who sold for 3,000gns and **Leverhulme Powerhouse** who sold for 3,000gns Carlisle May'00; **Ridge Dean Spitfire** who sold for 8,000gns, **Ridge Dean Soulbury Star** who sold for 6,200gns, **Ridge Dean Supreme Muscles** who sold for 5,200gns, **Blue Chip Sabre** who sold for 5,000gns, **Hemingby Tim** who sold for 4,000gns & **Filkins True Blue** who sold for 3,200gns Carlisle May 2002; **Craven Thomas ET** who sold for 4,000gns and **Hawksbridge Tornado** who sold for 3,100gns Carlisle May 2003; **Hillview Willie** who sold for 5,000gns & **Widewath Whisky ET** who sold for 3,200gns Carlisle May 2006. His daughters include **Ridge Dean Topsy** who sold for 2,500gns, **Ridge Dean Roxanne** who sold for 2,200gns, **Ridge Dean Tiffany** who sold for 2,200gns, **Blue Chip Silk** who sold for 2,200gns, **Ridge Dean Sensation** who sold for 2,000gns, **Ridge Dean Tashia** who sold for 2,000gns at the **'Wilke about Blues'** sale Carlisle August 2002; **Ridge Dean Unmistakeable** who sold for 3,600gns, **Ridge Dean Verity ET** who sold for 3,500gns, **Ridge Dean Verbena** who sold for 3,000gns, **Ridge Dean Vervet ET** who sold for 2,800gns, **Ridge Dean Valletta ET** who sold for 2,700gns, **Ridge Dean Viola** who sold for 2,500gns, **Ridge Dean Velvet** who sold for 2,300gns, **Ridge Dean Tara** who sold for 2,200gns, **Ridge Dean Viscountess** who sold for 2,200gns, **Ridge Dean Urchin** who sold for 2,000gns **'Wilke about Blues' Part 2** Carlisle July 2004; **Ridge Dean Rhondra** and her heifer calf at foot **Widewath April** who sold for 4,000gns and **Ridge Dean Ruthee** who sold for 2,000gns Carlisle May 2005; **Ridge Dean Wild Girl ET** who sold for 2,700gns & **Ridge Dean Wanda ET** who sold for 2,000gns **'Wilke about Blues' Part 3** Carlisle July 2005; **Ridge Dean Ruthee (Littlewood Alpha, bull calf at foot)** who sold for 3,200gns Carlisle May 2006.

SOLWAY VIEW DYNAMITE is by **Baron du Bois Bauloye** and out of the noted cow **Bringlee Sandy**. His daughters include **Solway View Haribo ET** who was Female Champion and Supreme Champion and sold for 22,000gns Carlisle January 2014. His sons include **Solway View Inferno** who was Male Champion and sold for 7,500gns Carlisle Jan 2015. **Wilton Henry ET** who was Cahmpion Male and sold for 5,000gns Carlisle Jan 2016. **Solway View Junior** who sold for 6,000gns Carlisle May 2016. **Solway View King Kong** who sold for 10,000gns and **Kingside Kobee ET** who sold for 5,600gns Carlisle May 2017. Recipients with calves at foot include **Faughanvale Kitty ET** (Heifer) who sold for 4,200gns and **Faughanvale Kevin ET** (Bull) who sold for 2,800gns and **Faughanvale King Kong ET** (Bull) who sold for 2,000gns Carlisle Jan 2016. **Faughanvale Miss Moneypenny ET** (Female) who sold for 3,000gns, **Faughanvale Moses ET** (Male) who sold for 2,500gns and **Faughanvale Millie ET** (female) who sold for 2,300gns Carlisle Jan 2018.

STOWBECK STORM is by **Philipper De Remichampagne** and out of **Stowbeck Lulu**. He was sold for 7,000gns Carlisle May 2004. His sons include **Pendle Valley** who sold for 4,500gns Carlisle May 2005..

TAMHORN SUMO (SR) ET is by **Affute De Ry Ossogne (IS)** and out of **Leverhulme Nimbus ET**. This all white bull was male champion RASE 2003 and is in the top 1% of breed for Beef Value (BB35). His sons include **Tamhorn Unity ET** who sold for 5,000gns Carlisle May 2004; **Tamhorn**

Ulysses who sold for 7,000gns Carlisle Sept'04; **Stowbeck Wilson** who sold for 6,500gns Carlisle May 2006; **Paulern Verdi ET** who sold for 4,000gns Carlisle September 2006; **Tamhorn Count ET** who sold for 7,000gns Carlisle May 2009; **Tamhorn Flanker ET** who sold for 10,000gns Carlisle May 2011; **Norton Eddy ET** (reserve male & reserve supreme champion) who sold for 4,800gns Carlisle October 2011. **Tamhorn Gibson ET** who sold for 7,000gns Carlisle October 2012. **Tamhorn Gladiator** who sold for 6,500gns Carlisle May 2013. **Whitestone Hurricane ET** who sold for 5,500gns Carlisle January 2014. **Droit Indiana (ET)** who sold for 6,000gns Carlisle May 2015. Recipients with calves at foot include **Woodview Abbey ET (Heifer)** who sold for 2,800gns at the *2nd Production Sale from the Woodview Herd* Carlisle June 2006. His daughters include **Strathearn Cinderella ET** (female and reserve supreme champion) who sold for 4,000gns Carlisle February 2010; **Droit Deon ET** (reserve overall female champion) who sold for 5,800gns Carlisle May 2010. **College Valley Delilah ET** who sold for 3,400gns, **College Valley Ellie ET** who sold for 3,000gns and **College Valley Erica ET** who sold for 2,800gns at the College Dispersale Carlisle May 2012.

TENACE DE LA PRAULE SR is by **Important De La Hasse (IS)** and out of **Quete La Praule**. His sons include **Maes Lionking ET** who sold for 5,200gns Carlisle May 2018. His daughters include **Tanat Midnight** who sold for 3,000gns Carlisle Oct 2018. Recipients include **Tanat Netty** who sold for 2,600gns Carlisle Oct 2018.

TWYNING ASH TROY is by **Hazelwood Freshman** and out of **Twynning Ash Jennifer**. He is the highest recorded Belgian Blue to date with a Beef Value of 42 and a 400 day growth rate of +73kg. His sons include **Astrics Whirlwind** who sold for 6,200gns, **Astrics Woody ET** who sold for 5,500gns, **Twynning Ash Warren** who sold for 3,500gns & **Twynning Ash Warwick** who sold for 3,300gns Carlisle May 2006; **Droit Arthur ET** who sold for 5,000gns Carlisle May 2007; **Auchenlay Blue** who sold for 7,000gns & **Springhill Billy The Kid ET** who sold for 6,500gns Carlisle May 2008.

VIGOR DU GRAND COURTY (IS) is by **Vigoureux De St Fontaine** and out of **Mirande Grand Courty**. His sons include **Tamhorn Star Appeal ET** who sold for 4,000gns Carlisle May 2002; **Tamhorn Vodka ET** who sold for 6,000gns Carlisle Sept'04. His daughters include **Tamhorn Sally** (Reserve Female Champion) who sold for 3,300gns Carlisle May 2002 and was reserve overall champion Anglesey 2002; **Tamhorn Tara** who was reserve champion Staffordshire County Show 2002.

VISCONTI DE ST FONTAINE (IS) is by **Ingenieur des Forts** and out of **Nervure de st Fontaine**. His sons include **Tamhorn Percy ET** who sold for 3,000gns Carlisle Sept,99; **Almeley Pickles ET** **DANISH** who sold for 7,000gns, **Ridge Dean Rainer ET** who sold for 6,500gns, **Almeley Penguin ET** **DANISH** who sold for 6,200gns, **Almeley Pepperpot ET** **DANISH** who sold for 5,100gns, **Ridge Dean Regent ET** who sold for 4,800gns, **Carrock Patron ET** (male champion at the Border Clubs 2nd annual calf show Carlisle Feb'00) who sold for 4,600gns; **Almeley Perfect ET** **DANISH** who sold for 4,200gns and **Ridge Dean Redford ET** who sold for 3,800gns Carlisle May'00; **Almeley Supersonic ET** who sold for 3,100gns Carlisle May 2002; **Ridge Dean Toby** who sold for 3,300gns, **Lukeroyal Turbo Man ET** who sold for 3,000gns, **Brookfield Thames ET** who sold for 3,000gns Carlisle October 2002; **Ridge Dean Thomas** who sold for 6,000gns, **Lochside Tarzan** who sold for 5,500gns, **Ridge Dean Target ET** who sold for 4,800gns, **Springfield Toby ET** who sold for 3,800gns and **Lone Tree Tsunami** who sold for 3,000gns Carlisle May 2003; **Annanwater Upstart ET** who sold for 6,000gns, **Boothlow Turbo ET** who sold for 4,000gns, **Hawksbridge Ulysses** who sold for 4,000gns, **Tamhorn Visconti** who sold for 3,700gns, **Widewath Vagabond ET** who sold for 3,100gns and **Annanwater Utah ET** who sold for 3,000gns Carlisle May 2004; **Crackerjack Vanguard** who sold for 4,800gns and **Dan Morland Vinny** who sold for 3,000gns Carlisle May 2005; **Widewath Vagabond ET** who sold for 6,500gns & **Lochside Winston** who sold for 4,500gns Carlisle May 2006; **Piggots Artful Dodger** (Reserve Male & Reserve Supreme Champion) who sold for 4,000gns Carlisle October 2008; **Ridge Dean Davie ET** who sold for

7,000gns Carlisle May 2010. His daughters include **Ridge Dean Prudence ET** who sold for 2,300gns Carlisle Sept'99; **Tamhorn Senorita** who sold for 2,000gns Triple Blue Breeder's Sale Carlisle 2000; **Chancellors Rodeo** who was reserve supreme champion Royal Bath & West 2000; **Carrock Pandora** who was supreme champion Dalston show 2000; **Paulern Stream ET** who sold for 2,400gns, **Paulern Sutton ET** who sold for 2,200gns & **Almeley Ruby Danish** who sold for 2,100gns Carlisle May 2002; **Ridge Dean Tango ET** who sold for 5,500gns, **Ridge Dean Tictac ET** who sold for 5,000gns at the '*Wilde about Blues*' sale Carlisle August 2002; **Paulern Preston** who sold for 2,600gns and **Paulern Somerford ET** who sold for 2,400gns at the '*Premier Pedigree Female Show & Sale*' Carlisle November 2002; **Springfield Unella ET** (reserve female champion) who sold for 2,500gns and **Mountjoy Tamsin** who sold for 2,300gns Carlisle Oct'2003; **Ridge Dean Uptown Girl** who sold for 3,800gns, **Ridge Dean Ultina** who sold for 2,000gns, **Ridge Dean Variety ET** who sold for 2,000gns '*Wilde about Blues*' Part 2 Carlisle July 2004; **Ridge Dean Rita ET** who sold for 6,000gns, **Annanwater Venetia ET** who sold for 2,900gns, **Widewath Windermere ET** who sold for 2,600gns and **Widewath Venice ET** who sold for 2,400gns Carlisle May 2005; **Ruaig Vodka ET** who sold for 3,500gns Carlisle May 2006; **Woodview Upstart ET** who sold for 2,600gns at the *2nd Production Sale from the Woodview Herd* Carlisle June 2006.

WOODVIEW SOLO is by **Tintin De My (IS)** and out of **Ballyfin Purdie**. His sons include **Ballygrange Alex** who sold for 12,000gns Carlisle May 2007. **Ballygrange Vinney** who was reserve champion RHAS 2007.

BEEF SHORTHORN

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 its 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 (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.

RBV%: 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 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

Percentile Bands for 2018 Born Calves

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)	Carcass Wt (kg)	Eye Muscle Area (sq cm)	Rib Fat (mm)	Retail Beef Yield (%)	IMF (%)	Terminal Index	Self Replacing Index	Maternal (GBP)
Top Value	+11.0	+9.3	-4.3	-2.7	+47	+68	+89	+106	+17	+2.7	+60	+7.0	-3.1	+3.9	+1.0	+58	+70	+37
Top 1%	+7.5	+5.0	-2.7	-1.0	+35	+54	+70	+77	+12	+1.4	+50	+4.5	-1.5	+2.4	+0.5	+50	+54	+30
Top 5%	+5.0	+3.3	-1.5	+0.0	+30	+47	+60	+65	+10	+0.9	+42	+3.6	-1.0	+1.8	+0.3	+42	+45	+28
Top 10%	+3.5	+2.6	-1.1	+0.4	+27	+42	+54	+58	+9	+0.7	+38	+3.1	-0.8	+1.5	+0.2	+38	+41	+27
Top 15%	+2.6	+2.1	-0.8	+0.7	+25	+40	+51	+54	+8	+0.6	+35	+2.8	-0.6	+1.3	+0.1	+36	+38	+26
Top 20%	+2.0	+1.7	-0.7	+0.9	+24	+37	+48	+52	+7	+0.5	+33	+2.5	-0.5	+1.1	+0.1	+34	+36	+25
Top 25%	+1.4	+1.3	-0.5	+1.1	+23	+36	+46	+49	+7	+0.4	+32	+2.3	-0.4	+1.0	+0.0	+32	+34	+24
Top 30%	+0.9	+0.9	-0.4	+1.2	+22	+34	+44	+47	+7	+0.4	+30	+2.1	-0.3	+0.9	+0.0	+31	+32	+24
Top 35%	+0.5	+0.6	-0.3	+1.3	+21	+33	+43	+45	+6	+0.3	+29	+1.9	-0.2	+0.8	+0.0	+29	+30	+24
Top 40%	+0.1	+0.3	-0.2	+1.5	+20	+32	+41	+43	+6	+0.2	+28	+1.8	-0.2	+0.7	-0.1	+28	+29	+23
Top 45%	-0.4	-0.1	-0.1	+1.6	+19	+30	+40	+41	+6	+0.2	+27	+1.6	-0.1	+0.6	-0.1	+27	+27	+23
Top 50%	-0.8	-0.4	+0.0	+1.8	+18	+29	+38	+39	+5	+0.1	+26	+1.5	-0.1	+0.5	-0.1	+26	+26	+22
Top 55%	-1.2	-0.7	+0.1	+1.9	+17	+28	+37	+38	+5	+0.1	+25	+1.4	+0.0	+0.4	-0.2	+25	+25	+22
Top 60%	-1.6	-1.1	+0.1	+2.0	+16	+27	+35	+36	+5	+0.0	+23	+1.3	+0.0	+0.4	-0.2	+24	+23	+22
Top 65%	-2.1	-1.4	+0.2	+2.1	+15	+25	+34	+34	+4	+0.0	+22	+1.1	+0.1	+0.3	-0.2	+22	+22	+21
Top 70%	-2.5	-1.8	+0.3	+2.3	+14	+24	+32	+32	+4	-0.1	+21	+1.0	+0.2	+0.2	-0.2	+21	+21	+21
Top 75%	-3.1	-2.2	+0.4	+2.5	+13	+23	+30	+31	+4	-0.1	+20	+0.9	+0.2	+0.1	-0.3	+20	+19	+21
Top 80%	-3.7	-2.7	+0.5	+2.6	+12	+21	+29	+29	+3	-0.2	+19	+0.7	+0.3	+0.0	-0.3	+19	+17	+20
Top 85%	-4.5	-3.3	+0.6	+2.8	+11	+20	+27	+27	+3	-0.3	+17	+0.6	+0.4	-0.1	-0.4	+18	+16	+20
Top 90%	-5.5	-3.9	+0.8	+3.1	+9	+17	+24	+23	+2	-0.4	+16	+0.4	+0.5	-0.2	-0.5	+16	+14	+19
Top 95%	-6.9	-4.8	+1.0	+3.6	+7	+15	+20	+18	+2	-0.6	+13	+0.1	+0.7	-0.4	-0.6	+13	+11	+18
Top 99%	-9.9	-6.6	+1.6	+4.5	+3	+8	+12	+8	+0	-1.0	+8	-0.5	+1.3	-0.8	-0.9	+8	+4	+16
Low Value	-15.1	-9.9	+2.4	+6.9	-8	-5	-7	-16	-4	-2.0	+0	-1.9	+2.5	-1.8	-1.7	-3	-7	+10

CHAROLAIS

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 carcass. 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 carcass. More positive EBVs indicate more subcutaneous fat and earlier maturity.

RBV%: Retail Beef Yield Percent EBV (%) represents total (boned out) meat yield as a percentage of a 300kg dressed carcass. A more positive EBV indicates higher percentage yield for the 300kg carcass 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 carcass. 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 carcass 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 carcass 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 2018 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)	Carcass Wt. (kg)	Eye Muscle Area (sq cm)	Fat Depth (mm)	Retail Beef Yield (%)	IMF (%)	BCCS Terminal Index	BCCS Self Replacing Index
Top Value	+26.3	+15.3	-2.7	-3.0	+54	+98	+116	+121	+19	+2.8	+84	+8.3	+1.7	+4.3	+1.3	+98	+92
Top 1%	+16.7	+8.6	-1.1	-0.3	+44	+77	+91	+91	+16	+1.4	+67	+6.1	+0.6	+2.7	+0.5	+73	+69
Top 5%	+11.9	+6.0	-0.4	+0.7	+39	+68	+81	+80	+14	+1.0	+60	+5.2	+0.3	+2.2	+0.2	+64	+61
Top 10%	+9.5	+4.6	-0.2	+1.1	+37	+64	+75	+74	+12	+0.7	+57	+4.7	+0.1	+2.0	+0.2	+60	+56
Top 15%	+7.9	+3.6	+0.0	+1.4	+35	+60	+72	+71	+12	+0.5	+54	+4.4	+0.0	+1.8	+0.1	+56	+52
Top 20%	+6.7	+2.8	+0.2	+1.6	+34	+58	+69	+68	+11	+0.4	+52	+4.2	-0.1	+1.7	+0.1	+54	+49
Top 25%	+5.7	+2.2	+0.3	+1.8	+32	+55	+66	+65	+10	+0.3	+50	+4.0	-0.1	+1.6	+0.1	+51	+47
Top 30%	+4.8	+1.6	+0.4	+2.0	+32	+53	+64	+63	+10	+0.2	+49	+3.8	-0.2	+1.5	+0.0	+49	+45
Top 35%	+3.9	+1.1	+0.5	+2.2	+31	+51	+62	+60	+9	+0.1	+47	+3.7	-0.2	+1.4	+0.0	+47	+43
Top 40%	+3.0	+0.5	+0.6	+2.3	+30	+50	+59	+58	+9	+0.1	+46	+3.5	-0.3	+1.3	+0.0	+46	+42
Top 45%	+2.2	-0.1	+0.7	+2.5	+29	+48	+58	+56	+8	+0.0	+45	+3.4	-0.3	+1.2	+0.0	+44	+40
Top 50%	+1.2	-0.6	+0.9	+2.6	+28	+47	+56	+55	+8	-0.1	+43	+3.3	-0.4	+1.2	-0.1	+43	+39
Top 55%	+0.4	-1.1	+1.0	+2.8	+27	+45	+54	+53	+8	-0.1	+42	+3.1	-0.4	+1.1	-0.1	+41	+37
Top 60%	-0.4	-1.7	+1.1	+2.9	+27	+44	+52	+51	+7	-0.2	+41	+3.0	-0.5	+1.0	-0.1	+40	+36
Top 65%	-1.3	-2.2	+1.2	+3.0	+26	+43	+50	+49	+7	-0.3	+40	+2.9	-0.5	+1.0	-0.1	+39	+34
Top 70%	-2.3	-2.8	+1.3	+3.2	+25	+41	+49	+47	+6	-0.4	+39	+2.8	-0.6	+0.9	-0.1	+37	+33
Top 75%	-3.3	-3.5	+1.5	+3.3	+24	+40	+47	+45	+6	-0.4	+38	+2.6	-0.6	+0.8	-0.2	+36	+31
Top 80%	-4.5	-4.2	+1.6	+3.5	+23	+38	+45	+43	+5	-0.5	+36	+2.5	-0.7	+0.7	-0.2	+34	+30
Top 85%	-5.8	-5.1	+1.8	+3.8	+22	+36	+42	+40	+4	-0.6	+35	+2.3	-0.8	+0.6	-0.2	+32	+29
Top 90%	-7.4	-6.2	+2.0	+4.1	+21	+33	+39	+37	+4	-0.8	+33	+2.2	-0.8	+0.5	-0.3	+30	+26
Top 95%	-9.9	-8.0	+2.4	+4.5	+18	+29	+34	+31	+3	-1.0	+31	+1.9	-1.0	+0.3	-0.4	+27	+23
Top 99%	-14.7	-11.7	+3.1	+5.4	+14	+24	+25	+23	+1	-1.5	+26	+1.4	-1.4	-0.1	-0.6	+21	+18
Low Value	-23.4	-17.3	+5.2	+6.7	+4	+8	-9	-16	-2	-3.0	+14	-0.5	-2.2	-1.6	-0.9	-2	+4

September 2020 BRITISH CHAROLAIS BREEDPLAN - Percentile Bands for all 2018 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	Terml	Self
	%		days			kg				cm		kg	sq cm	mm		%	GBP
High 1%	+16.6	+8.9	-1.2	-0.3	+44	+76	+92	+91	+16	+1.4	+68	+6.2	+0.5	+2.7	+0.5	+75	+69
High 5%	+11.9	+6.0	-0.5	+0.6	+39	+68	+81	+80	+14	+0.9	+60	+5.2	+0.2	+2.2	+0.2	+65	+60
High 10%	+9.6	+4.4	-0.2	+1.0	+37	+63	+76	+74	+13	+0.7	+57	+4.8	+0.1	+2.0	+0.2	+60	+56
High 15%	+8.0	+3.5	+0.0	+1.4	+35	+60	+72	+71	+12	+0.5	+54	+4.5	+0.0	+1.8	+0.1	+57	+52
High 20%	+6.8	+2.7	+0.2	+1.6	+34	+57	+69	+68	+11	+0.4	+52	+4.2	-0.1	+1.7	+0.1	+54	+50
High 25%	+5.7	+2.1	+0.3	+1.8	+33	+55	+66	+65	+10	+0.3	+50	+4.0	-0.2	+1.6	+0.0	+52	+48
High 30%	+4.7	+1.5	+0.4	+2.0	+32	+53	+64	+63	+10	+0.2	+49	+3.9	-0.2	+1.5	+0.0	+50	+46
High 35%	+3.8	+0.9	+0.5	+2.2	+31	+51	+62	+60	+10	+0.1	+47	+3.7	-0.3	+1.4	+0.0	+48	+44
High 40%	+3.0	+0.4	+0.6	+2.3	+30	+50	+60	+58	+9	+0.1	+46	+3.6	-0.3	+1.3	+0.0	+46	+42
High 45%	+2.1	-0.2	+0.7	+2.5	+29	+48	+58	+56	+9	+0.0	+44	+3.4	-0.4	+1.3	+0.0	+44	+41
50%	+1.3	-0.8	+0.9	+2.6	+28	+47	+56	+55	+8	-0.1	+43	+3.3	-0.4	+1.2	-0.1	+43	+39
Low 45%	+0.4	-1.4	+1.0	+2.7	+27	+45	+54	+53	+8	-0.1	+42	+3.1	-0.5	+1.1	-0.1	+42	+37
Low 40%	-0.5	-1.9	+1.1	+2.9	+27	+44	+52	+51	+7	-0.2	+41	+3.0	-0.5	+1.1	-0.1	+40	+36
Low 35%	-1.4	-2.5	+1.2	+3.0	+26	+43	+51	+49	+7	-0.3	+40	+2.9	-0.6	+1.0	-0.1	+39	+35
Low 30%	-2.3	-3.0	+1.3	+3.2	+25	+41	+49	+47	+6	-0.4	+39	+2.8	-0.6	+0.9	-0.2	+37	+33
Low 25%	-3.3	-3.7	+1.5	+3.3	+24	+40	+47	+45	+6	-0.4	+38	+2.7	-0.7	+0.8	-0.2	+36	+32
Low 20%	-4.5	-4.4	+1.6	+3.5	+23	+38	+45	+43	+5	-0.5	+37	+2.5	-0.7	+0.7	-0.2	+34	+31
Low 15%	-5.8	-5.3	+1.8	+3.7	+22	+36	+42	+40	+5	-0.7	+35	+2.4	-0.8	+0.6	-0.3	+33	+29
Low 10%	-7.5	-6.4	+2.0	+4.1	+21	+34	+39	+37	+4	-0.8	+33	+2.2	-0.9	+0.5	-0.3	+30	+27
Low 5%	-9.9	-8.2	+2.4	+4.5	+18	+30	+34	+32	+3	-1.1	+31	+1.9	-1.0	+0.3	-0.4	+27	+24
Low 1%	-14.6	-11.8	+3.1	+5.4	+14	+24	+25	+23	+1	-1.5	+26	+1.4	-1.4	-0.1	-0.6	+21	+18

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 variants, 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

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.

NOTES

HEALTH AND SAFETY RULES HARRISON & HETHERINGTON LIMITED NOTICE TO ALL VISITORS AND TRADERS PLEASE READ AND OBSERVE THE FOLLOWING

All visitors and traders on site will be responsible for ensuring that they and their employees or sub-contractors engaged by them comply with all legal requirements, including the Health and Safety At Work etc., Act 1974, The Management of Health and Safety At Work Regulations, The Provision And Use of Work Equipment Regulations, etc.

All visitors and traders will be responsible for ensuring that their operations in no way affect the integrity of the company or its fire, safety or security arrangements and in no way compromise the health and safety and welfare of other visitors to and or employees of Harrison & Hetherington.

Although it is the visitors and traders responsibility to ensure that plant, equipment and systems in work are safe, Harrison & Hetherington Limited reserve the right to ask any visitor or trader to leave the market for any breaches in the Health and Safety Rules and/or Regulations.

Vendors must inform Harrison & Hetherington Limited of any livestock due to attend the market whose temperament, behaviour or condition may call for additional precautions for its safe handling.

When loading or unloading livestock handlers must ensure that the dock and vehicle gates are securely fixed so as to prevent the escape of animals.

Traders are responsible for providing and maintaining suitable livestock handling equipment. They should ensure that livestock handlers are fit, experienced in livestock handling and familiar with the livestock in their charge.

Children must not be permitted in any area where they may be at risk from livestock or machinery.

In the case of bulls, during the period when the show/sale is open to visitors, bulls in stalls or pens should not be left unattended. If the handler is temporarily absent, arrangements should be made with another vendor, steward or member of Harrison & Hetherington staff to oversee the bull until the handler returns.

Handling of Livestock at shows and sales: Harrison & Hetherington Limited recommend that an adult person should accompany any junior person during the showing/sale of livestock in the ring and reserves the right to intervene at any point if, in the company's opinion, the person showing the livestock is at risk in undertaking that activity.

Passageways must be kept clear at all times during the auction sale. **PLEASE DO NOT STAND IN THE SALE RING ENTRANCE AND EXIT PASSAGES.**

The auction ring man escapes and refuges must be kept clear at all times.

All portable electrical equipment supplied and/or used by visitors and traders must be safe and fit for the purpose and should have a valid portable appliance test certificate.

AUCTIONEER'S TERMS & CONDITIONS OF SALE

(Incorporating the Auctioneer's
Terms and Conditions)

1. The biddings to be regulated by the Auctioneers and the highest bidder, subject to the Vendor's reserve (if any), to be the purchaser. No bid shall be retracted and if any dispute should arise between two or more bidders, the Lot in dispute to be put up again and resold, or the Auctioneers may determine the dispute at their own discretion and their decision shall be final. The Auctioneers reserve the right to refuse the bid of any person without being called upon to give reason for such action.
2. The Purchaser to give his full name and dwelling place and pay for all Lots purchased immediately at the close of sale. No Lot or Lots shall be removed from the sale premises until paid for and a pass-out slip obtained from the Auctioneer's clerk but each and every Lot shall immediately at the fall of the hammer be considered as delivered and be and remain in every respect at the absolute risk and expense of the respective purchaser or purchasers thereof and shall be removed from the sale premises at the purchaser's expense. The right of property shall not pass until the full purchase price is paid.
3. Purchasers paying by cheque must be prepared, if required, to produce a banker's reference. As a result of the Money Laundering Regulations (2003) the auctioneers are unable to accept cash payments in excess of nine thousand pounds sterling for any single or linked purchase transaction.
4. All statements in the catalogue, or made by the Auctioneers at the time of sale, also the correct identification of the animals, are the entire responsibility of the Vendors. The Auctioneers take no personal responsibility for the correctness of such statements or identities.
5. All statements in the catalogue, or any made by the Auctioneers at the time of sale relating to any veterinary or other tests are to be taken as statements of fact only. No such statements shall guarantee the purchaser of any animal against loss arising from the subsequent reaction of such animal to any test administered after the sale and the Vendors shall not be liable in any way should this occur.
6. All stock is sold subject to the Conditions of Sale recommended for use at markets by the Livestock Auctioneers' Markets Committee for England and Wales except in so far as these conflict with any Special Conditions applicable to the sale of pedigree stock, when the latter Conditions shall prevail.
7. Neither the Vendors nor the Auctioneers will be responsible for any accident or injury to persons or property, through fire or any other cause whatsoever, nor for any damage by animals prior to, during or after the sale.
8. No undertaking by the Auctioneers or their servants to take charge of any Lot or Lots after the sale or to forward them to their destination shall be held to impose upon the Auctioneers any legal obligation or vitiate any of these Conditions.
9. Inasmuch as the Auctioneers act as agents for a disclosed principal they shall not be considered personally responsible for any default on the part of either purchasers or Vendors and the remedy shall be against them only and not against the Auctioneers.
10. If these conditions are unfulfilled, the Vendors or Auctioneers shall have the power to resell the Lots, retaining any surplus and charging any deficiency and expense to the defaulter.
11. You have a right to know how we will use the information you have provided to us. We may share the information with other members of our group and may make this information available to relevant media groups and other interested parties on request. We and other members of the group may contact you by telephone, e-mail, post or fax to inform you of products or services available. If you do not want to be contacted for marketing purposes or do not wish your information to be made available to any other parties please notify us in writing.

HARRISON & HETHERINGTON LTD

The UK's Leading Livestock Marketing Company

- **Nine Sale Centres**
- **Pedigree & Commercial Livestock**
- **Official Society Sales of Beef, Dairy & Sheep**
- **Tractors, Machinery & Commercial Vehicles**
- **Specialist Livestock Sales, Equine & Events**
- **Professional Valuations**
- **Online Internet Bidding**

