



Inaugural
HW NETHERTON
BULL SALE

ONLINE

Bidding opens THURSDAY 6TH FEBRUARY - 3pm
& Closes SATURDAY 8TH FEBRUARY - 3pm



Featuring
30 HEAD

- SUMMER 2023 BORN BULLS
- EASY CALVING & FLESHING LINES
- ALL OUT WINTERED ON LOW INPUT SYSTEM

- SEMEN TESTED • NATURALLY DONE • NO FEET TRIMMED •
- KEEP F.O.C UNTIL NEEDED •



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- HW ANGUS -

Online Bull Sale

29

comprising:

29 Bulls

from some of the great families within the HW Herd

On behalf of

HW Angus,

Burnside of Balhadie, Dunblane, Perthshire FK15 0NB

Tel: William 07740786112 or Seonaid 07759658976

SATURDAY 8th FEBRUARY 2025

Sale to close from

3.00pm

To be held online via Marteye



HARRISON &
HETHERINGTON

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NOTICE TO PURCHASERS

Completion of an account opening form is required for all customers who do not have a live H&H trading account, click on below QR code to complete.

- **Payment is due in full on day of purchase.**

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- **Accepted form of payments:**

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

- **Anti Money Laundering (AML) & Cash Payments**

For avoidance of doubt our company AML policy is to accept a maximum of £1,000.00 per trading account per year.

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

- **All Invoices will be raised in pounds sterling (GBP).**

Please refer to our full terms and conditions of sale available on our website:

[Https://harrisonandhetherington.co.uk/terms/](https://harrisonandhetherington.co.uk/terms/)



General Information & Sale Notes

LOCATION: The Sale will be held on farm at Netherton Farm, Blackford, Perthshire, PH14 1QU.

CONDITIONS OF SALE: All animals are sold under The Aberdeen Angus Cattle Society auction rules and conditions of sale drawn up by the N.B.A. These entries will be sold subject to these rules along with 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.

METHOD OF SALE: All cattle will be sold in pounds.

ONLINE BIDDING FACILITY will be available for this sale via Marteye.

REGISTRATIONS: All pedigree stock in the Sale are registered with the Aberdeen Angus Cattle Society (Tel. 01738 622477).

PEDIGREE TRANSFERS: Pedigree transfers will automatically be transferred free of charge to all AACs members.

SETTLEMENT AND CLEARANCE OF STOCK: Settlement in full is due immediately at the close of Sale. No animal may leave the Farm without full payment.

NBA WARRANTIES: This Sale is also held subject to the Special Terms and Conditions of Sale recommended for Sales of Pedigree Beef Cattle by the National Beed Association. The preparation of these Terms and Conditions has proved a lengthy and costly process and, in order to defray the legal and other costs involved, and to provide a continuing source of revenue to assist the Association in its vital work for Pedigree Cattle Breeders, the Council of the Association has decided that a special levy, amounting to £3 per male and £2 per female head/lot sold (plus VAT) shall be charged to each Purchaser.

ABERDEEN ANGUS CATTLE SOCIETY

Pedigree House, 6 Kings Place, Perth PH2 8AD

Tel: 01738 622477

Foreword

After the success of our annual Female Sale, we have decided this year to hold an online Bull Sale with Harrison & Hetherington, through Marteye on farm at Netherton on the 8th February. We feel this format will offer buyers a different experience and be less stressful for the bulls.

The auction will run on a racehorse style close, this is when the entire sale stays open in extended bidding. This type of sale allows you, as the bidder to change to a different lot within the sale, irrespective of where it is in the catalogue. The sale closes following a period of no further bids after the closing time of 3pm.

Even with higher prices in the beef industry, costs are increasing alongside and that is why at HW/Netherton, we are breeding cattle that will save you money from thriving on a low input, mainly grass system to being easy calved and fertile. We can't promise you a bigger cheque at the end of the day, but our bulls will save you money with the cheques you won't have to write.

With sourcing the best genetics from around the world, we are seeing significant progress in lowering our costs and concentrating on the traits that made the breed famous, and we feel this group of bulls have this in abundance, ease of calving and fleshing, ability to turn poor forage into beef and of course high marbling.

We feel the bulls are a strong representation of our herd and will suit many different customer requirements, from the flesh and thickness of the Equilibrium and Evander sons, to the growth of the Bannockburn sons, they should all leave you daughters that will make super cows with good udders and be easy calving.

You can see by their performance figures, the bulls are easy calving, will have as good growth and indexes as you will find in a sale in the UK. The bulls have been out wintered on silage and 1.5kgs of concentrate, meaning they are fit to work and won't melt when you take them home. From 4 to 7 months they receive 1kg creep, then after weaning go on to 3kgs until a year old, then back down to 1.5kgs. All bulls have been semen tested and any extra blood tests required can be done to suit your herd health.

A warm welcome awaits you if you wish to attend on Saturday 8th February to view the cattle and H&H will be there to help with bidding if needed. Viewing can also be arranged at any time to suit you by either contacting William on 07740786112 or Seonaid on 07759658976.

Herd health:

- TB – 4 year testing last test January 2022
- BVD – accredited bulls have been vaccinated.
- Lepto – herd testing
- IBR – All bulls tested negative before sale
- Johns – risk level 2, all bulls tested negative before sale
- Nerospirosis – risk level 2

Cattle can stay after the sale until they are needed at buyer's risk

Contact Details:

William 07740786112

Seonaid 07759658976

Auctioneer's Foreword

We are delighted to be conducting the Inaugural Online Timed sale of 29 HW Netherton Pedigree Aberdeen Angus Bulls via the MartEye Online bidding platform.

I was lucky enough to see the bulls in October when I was up at Netherton to conduct the Annual Sale of Females. They were running outside in groups getting minimal supplement feed.

I was most impressed by the power, conformation and natural flesh, but the mobility and correctness of the bulls stood out. These bulls will fulfill the requirements of any system.

Unlike our usual Online Timed format with lots closing one at a time in sale order, William has opted for a 'racehorse' style finish, where the sale remains open for all lots until bidding has lapsed for 40 seconds.

So, the sale runs until 3pm, after which, if no further bids are received for 40 seconds the whole sale will close. This gives a prospective buyer the chance to revert to an earlier option in the sale, should their first choice pass their budget.

The figures and health status are exemplary, so make sure that you get to Netherton to preview the bulls before the day, William will be pleased to see you. We urge interested parties to register to bid 48 hours before the sale commences .

I will be at Netherton on the day of the sale to answer any questions you may have regarding the process, or feel free to call me at any time leading up to the sale.

Scott Donaldson 07801 377626



ONLINE BIDDING NOW AVAILABLE

Simply Download the **MartEye App** from your phone App Store & Register.
Then press the **JOIN** button on the Harrison and Hetherington page.



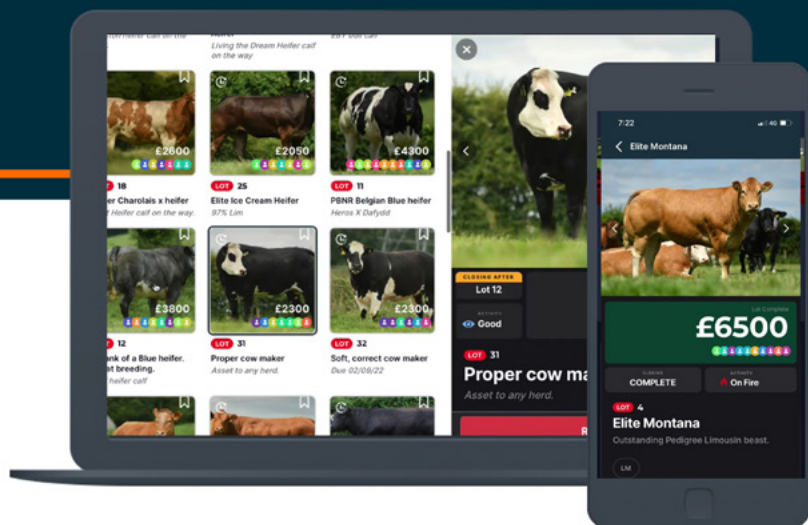
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handh.marteye.ie



MartEye™

Service Sires



Sire Reference:

HW MR EQUILIBRIUM W202

gs: Te Mania Berkley B1 (AI) (IMP)

Sire: Te Mania Emperor E343 (AI) (IMP)

gd: Te Mania Lowan Z74

gs: SAV Providence 6922

Dam: Netherton Miss Effie M726

gd: Ankony Miss Effie 8433 (ET) (IMP)

A great chance here to get some calves of this exciting young sire whose first calves are born easy and grow quick with good muscle expression. Sired by one of Australia's highest ever performance sires and still appears in the pedigree many of the highest selling Angus still in Australia. His daughters at HW are some of our hardest working females we have and produce the goods every year that's why we are so excited about this young sire. Add in Netherton Miss Effie M726 one of our most consistent breeding donors ever bred at Netherton producing top sons sired by several sires to average over £5000 and daughters that are easy fleshed and maternal, she is sired by SAV Providence 6922 and out of Ankony Miss Eiffie 8433 both exceptional cattle and admired by cattlemen from all around the world. Progeny have been topping our scan data for both IMF and EMA and his oldest daughters look like making super cows and really catch the eye of any visitors.

World wide semen for sale contact Phil Halhead at Norbreck Genetics on 07949733747 or email info@norbreckgenetics.com



HW MR EQUILIBRIUM W202

Herd Sire



Sire Reference:

RAWBURN BANNOCKBURN T628

gs: MCC Daybreak

Sire: Quaker Hill Rampage 0A36 (SS) (IMP)

gd: QHF Blackcap 6E2 OF4V16 4355

gs: Nichols Steadfast T139

Dam: S A V Elba 1407 (ET) (IMP)

gd: Nichols Bonnie P55

Bannockburn is designed for maximum feed efficiency without compromising on growth and breed character he really has suited our females with his first sons selling easily due to their performance, easy calving and phenotype, his first daughters have calved now and are just outstanding with perfect udders, milk and easy fleshing ability. His dam Nichols Bonnie has exceptional performance and is a leader for traits for feed utilisation and her 2015 born son shattered every record in the Nichols herd for Residual Average Daily Gain (feed efficacy and growth). His sire Quaker Hill Rampage is one of the most dominant sires ever in the US, A bull renowned for growth, structural soundness and fertility. Bannockburn will give you calves that will be born easy, grow quick with an unrivalled ability to turn grass or feeding into red meat. His figures are some of the best in the breed.



RAWBURN BANNOCKBURN T628

Herd Sire



Sire Reference:

HW EVANDER S051

gs: S A V Heritage 6295 (SS) (IMP)

Sire: S A V Harvester 0338 (SS)(IMP)

gd: S A V Emblynette 7749

gs: Rito 707 of Ideal 3407 7075

Dam: S A V Elba 1407 (ET) (IMP)

gd: S A V Elba 1094

Evander is a result of an embryo from SAV Angus in America likely the most influential Angus herd in the world at present. He has proven himself to be a producer of high performance, maternal and functional cattle his daughters in the sale are fertile, easy fleshing with perfect udders. Progeny from Evander can be found in many countries and his sons are the first sire group to sell each year. His sire SAV Harvester sold for \$285,000 and carries two of the most sought after sires on the bottom side of his pedigree for producing great females Rito 707 of Ideal and SAF Bando 5175.

Worldwide semen available from HW ANGUS and GHYLL BECK GENETICS



HW EVANDER S051

Herd Sire



Sire Reference:

HW AUGUSTUS X462

gs: G A R Grid Maker (SS) (IMP)

Sire: TC Grid Topper 355 (SS) (IMP)

gd: TC Pride 8067

gs: TC Freedom 104 (SS) (IMP)

Dam: Southland Awestruck 117R (ET) (IMP)

gd: SCA 56F of Ideal 7258 (ET) (IMP)

From maybe one of the breeds top performance families who don't compromise on calving ease and birth weight in the chase for figures. Augustus is full brother to all our original Annie's and Netherton Archie who did so well not only for us and other breeders that 9 years after flushing Southland Awestruck one of the top TC Freedom daughters we've ever seen that we tracked her down in Texas to flush again to the original mating. His first calves from our 2 year olds are catching visitor's eyes for their character and fleshing ability.



HW AUGUSTUS X462

The Aberdeen Angus Cattle Society Sale Herd Health Report

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.

MESSRS W & D McLAREN (NETHERTON) (PER WILLIAM M MCLAREN ESQ)

MCLAREN COTTAGE, NETHERTON FARM, PH4 1QU

- Herd last tested clear from TB in 2022
- Currently on a 4 year TB testing interval
- Member of SAC Premium Cattle Health Scheme
- Accredited free from BVD
- Qual 1st
- Herd testing for IBR
- Herd testing for Lepto
- Johnes Risk Status Level 2



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HW Equilibrium



Morpheus Kodiak



Yearsley Euro Ensign



Netherton Black Lightning

Philip Halhead 07949 733747

Sally Lloyd 07805 626155

www.norbreckgenetics.com

HW & NETHERTON BULL SALE



HW MOSAMBIQUE PRINCE Z846

Born 29/04/2023 | (UK546977 303846) | Myostatin. NT821-0 F94L-0

Sire - gs. RAWBURN BOSS HOGG N630 (ET)(UK562106 201630)
HW ABACUS V500(UK546977 102500)
 gd. NETHERTON ANNIE P801(UK542697 200801)



Dam - gs. HF EL TIGRE 28U (AI)(IMP)(1469322(CA)34)
HW MADAME PRIDE V717 (ET)(UK546977 102717)
 gd. HW MADAME PRIDE S632 (ET)(UK546977 200632)

	December 2024 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
EBVs	+0.8	+3.7	-2.7	+3.2	+62	+118	+141	+120
Accuracy	46%	41%	53%	77%	70%	70%	66%	59%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	+28	+3.3	+5.2	-0.5	+0.3	+0.8	+52	+72
Accuracy	52%	74%	51%	57%	50%	46%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

One of the last Abacus sons to be offered for sale this long bull with good growth, from the Madame Pride family which has produced our top price cow for the last 2 years. Grand dam was voted Miss Europe in 2020 and 2nd in the world before selling for 7000gns to the Raethorn Herd. Add in Boss Hogg and the Annie family on the sire side then you have a young bull who will produce great daughters that will have good udders and raise heavy calves. 14 traits in the breeds top 30% and all but one above breed average. Birth weight 33kg



HW MOSAMBIQUE PRINCE Z846



HW KRISTOFF Z850

Born 10/05/2023 | (UK546977 703850) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
 gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)



Dam - gs. HW EVANDER S051 (ET)(UK546977 101051)
HW KARAMA V531(UK546977 402531)
 gd. HW KARAMA S215(UK546977 401215)

	December 2024 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	
	EBVs	+2.8	+6.7	-2.1	+1.7	+62	+114	+128	+98
	Accuracy	50%	44%	59%	77%	70%	70%	67%	62%
	Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index	
	EBVs	+18	+2.6	+6.1	-1.3	+1.1	+0.6	+55	+74
	Accuracy	56%	73%	52%	60%	52%	49%		
	Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

These Bannockburn sons in the sale are packed with performance and will all be easy calving, Dam was sold to the Barningham Herd last year for 4000gns and with Evander and Minnesota Prime you get lots of soft easy fleshing types. All traits above breed average with 15 in the top 30% of the breed. Birth weight 39kg



HW KRISTOFF Z850



HW BLACK GHOST Z851

Born 11/05/2023 | (UK546977 103851) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)



Dam - gs. HW FABULOUS R565 (ET)(UK546977 500565)
HW BLACK GOLD U452(UK546977 202452)
gd. HW BLACK GOLD P394(UK546977 200394)

	December 2024 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
EBVs	-1.3	+3.7	-1.5	+3.7	+66	+129	+140	+104
Accuracy	50%	45%	60%	78%	71%	71%	67%	63%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+17	+2.6	+7.1	-2.0	+1.7	+0.4	+60	+74
Accuracy	58%	74%	52%	61%	53%	50%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

From one of the most prolific and hardest working families in the herd this top Bannockburn son has plenty of length and growth and will mature into some bull. Dam's sire Fabulous was big, easy calving short gestation bull. Again stacked with performance 14 traits in the breeds top 30% if sell store calves then this is one to look at. Birth weight 35kg



HW BLACK GHOST Z851



HW DUMBLEDORE Z856

Born 14/05/2023 | (UK546977 603856) | Myostatin. NT821-0 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)

Dam - gs. FORDEL MINNESOTA PRIME P753 (ET)(UK542511 103753)
HW DUCHESS WINDSOR W238 (ET)(UK546977 403238)
gd. RAWBURN DUCHESS WINDSOR N664(UK562106 101664)



	December 2024 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
EBVs	+1.1	+4.8	-1.0	+4.3	+58	+102	+124	+102
Accuracy	45%	38%	53%	77%	69%	69%	64%	57%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+18	+0.0	+8.0	-0.2	+1.5	+0.8	+50	+70
Accuracy	49%	73%	49%	56%	49%	44%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

What a super bull we have here and one of the top sons of Mr Equilibrium who is leaving small calves which grow and have great muscle expression as you can see here. Dams 2 full sisters both sold for 6500gns and grand-dam was one of our most prolific donors with progeny in several countries in Europe and Canada before selling to Ireland. A real herd sire here for someone. 12 traits in the breeds top 30%. Birth weight 37kg



HW DUMBLEDORE Z856



HW ERIC Z861

Born 19/05/2023 | (UK546977 403861) | Myostatin. NT821-0 F94L-0

Sire - gs. TC GRID TOPPER 355 (SS)(IMP)(14526645(US)32)
HW AUGUSTUS X462 (ET)(UK546977 403462)
gd. SOUTHLAND AWESTRUCK 117R (ET)(IMP)(1295111(CA)32)

Dam - gs. RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
HW ERICA X472(UK546977 703472)
gd. HW ERICA U474(UK546977 302474)



	December 2024 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
EBVs	-9.1	+3.4	-1.0	+6.1	+79	+145	+169	+146
Accuracy	43%	35%	51%	75%	68%	68%	63%	55%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+19	+2.4	+5.6	-2.9	+1.5	+0.4	+61	+74
Accuracy	47%	72%	48%	55%	47%	43%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

From the same family as Eric Z868 he displays the same growth and length, just a heifer’s calf and weaned the heaviest of all the Augustus sons. 14 traits in breeds top 30%. Birth weight 40kg



WITHDRAWN



HW ERIC Z861



HW RED EMPEROR Z863

Born 19/05/2023 | (UK546977 603863) | Myostatin. NT821-0 F94L-0

Sire - gs. RED LAZY MC TRADITION 111C (SS)(IMP)(1859022(CA)43)
HW RED LOUISIANA X270 (ET)(UK546977 103270)
gd. RED LAZY MC MISS 144C (ET)(IMP)(1860376(CA)43)

Dam - gs. RED SIX MILE GRAND SLAM 13OZ (AI)(IMP)(1689128(CA)40)
HW RED ESSENCE X544 (ET)(UK546977 203544)
gd. NETHERTON RED ESSENCE H483 (ET)(UK542697 600483)



	December 2024 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
	EBVs	+5.2	--	-1.3	-0.5	+37	+67	+87
	Accuracy	32%		44%	75%	66%	66%	61%
	Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	EBVs	+16	+2.7	+6.1	-1.2	+1.3	-0.3	+36
	Accuracy	38%	72%	43%	48%	40%	33%	
	Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38

Our only Red Angus in the sale and if your'e looking for a bull for heifers then this is him, sired by Louisiana who is breeding moderate framed, easy calving and fleshing types and out of our most famous Red family Essence you have something special here dam is a daughter of H483 who was voted Miss Europe in 2018 and produced over 300,000 in progeny sales and granddaughter of 42G who was Canadian Show Female of the year as a 2 and 10 year old. A full sister to the dam sold for 4200gns as a calf to Poldean Angus. Birth weight 28kg



HW RED EMPEROR Z863



HW FLINTSTONE Z864

Born 20/05/2023 | (UK546977 703864) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)

Dam - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW FRANCES U489 (ET)(UK546977 402489)
gd. HW FRANCES R569 (ET)(UK546977 200569)



	December 2024 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
EBVs	+3.0	+3.8	-2.6	+2.2	+59	+109	+125	+116
Accuracy	51%	46%	62%	77%	71%	71%	67%	62%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+13	+1.9	+3.4	-2.0	+0.4	+0.8	+50	+68
Accuracy	58%	75%	53%	60%	53%	49%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

I know I'm repetitive but here another long Bannockburn son with all the calving traits above breed average. Out of one of our top breeding Emperor daughters who was sold to Barningham Angus. A full brother to Flintstone, HW Flamboyant was sold to Genus. 13 traits in the breeds top 30%. Birth weight 35kg



HW FLINTSTONE Z864



HW FIGARO Z865

Born 20/05/2023 | (UK546977 103865) | Myostatin. NT821-0 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)

Dam - gs. RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
HW FLEUR W214(UK546977 103214)
gd. HW FLEUR U490(UK546977 502490)



	December 2024 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
EBVs	+1.4	+3.3	-0.1	+4.1	+53	+103	+120	+109
Accuracy	44%	37%	53%	77%	69%	69%	64%	57%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcass Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+14	+1.8	+3.9	-0.3	+0.2	+0.3	+46	+63
Accuracy	49%	73%	49%	56%	48%	44%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Equilibrium was kept specifically for the Bannockburn daughters to moderate and add muscle you can see by Figaro he has done just that. This long balanced bull has a great future ahead of him and from one of the breeds most famous families that trace back to the legendary CEE BAR Favorite through many show champions and a record priced female. 10 traits in the breeds top 30%. Birth weight 35kg



HW FIGARO Z865



HW ERIC Z868

Born 23/05/2023 | (UK546977 403868) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)



gs. HW EVANDER S051 (ET)(UK546977 101051)
Dam - **HW ERICA U474(UK546977 302474)**
gd. HW ERICA S176(UK546977 701176)

	December 2024 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
EBVs	-7.7	+4.0	+0.6	+6.7	+73	+135	+153	+120
Accuracy	50%	45%	59%	77%	70%	71%	67%	62%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+20	+2.6	+7.1	-1.4	+1.5	+0.4	+58	+70
Accuracy	57%	74%	52%	60%	52%	49%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

These Bannockburn sons are consistent and another good long bull with growth, they will leave super daughters just like their sire. Slightly more birth weight in this female line, with the dam one of our top Evander daughters who sold for 4200gns to Barningham Angus and goes back to the high maternal bull Rawburn DoubleOseven. Packed with performance with 13 traits in the breeds top 30%. Birth weight 46kg



HW ERIC Z868



HW FRODO Z870

Born 24/05/2023 | (UK546977 603870) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)



gs. HW FABULOUS R565 (ET)(UK546977 500565)
Dam - **HW FLEUR V542(UK546977 102542)**
gd. HW FLEUR S059(UK546977 201059)

	December 2024 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
EBVs	-3.7	+3.3	-0.9	+3.9	+63	+114	+129	+104
Accuracy	50%	45%	60%	77%	70%	71%	67%	63%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcass Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+17	+1.3	+5.4	-2.0	+1.2	+0.1	+51	+63
Accuracy	57%	73%	52%	60%	53%	50%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

We’ve talked a lot about the maternal qualities of Bannockburn and how his daughters have been the backbone of our herd and this top son can do the same for yours with the strength of females in Frodo’s pedigree dam one of Fabulous’s top working daughters who sold for 3800gns to Ysgawen Angus and grand-dam sold to Coolermoney Angus. This line has produced many top bulls for us and has a pedigree stacked with some of the top maternal bulls in the breed. 11 traits in the breeds top 30%. Birth weight 40kg



HW FRODO Z870



HW ALPHONSO Z884

Born 30/05/2023 | (UK546977 603884) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)

Dam - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW ANNIE V675 (ET)(UK546977 102675)
gd. HW ANNIE R488(UK546977 500488)



	December 2024 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
	EBVs	+5.6	+4.9	-3.1	+1.2	+68	+123	+143
	Accuracy	51%	46%	61%	77%	70%	71%	67%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	EBVs	+12	+0.8	+6.9	-2.8	+1.8	+0.5	+62
	Accuracy	56%	75%	53%	60%	53%	49%	
	Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38

The only bull from the Annie family known for its low birth weights and high performance and you only have to look at the figures on this lad to see why. With Bannockburn, Emperor and Admiral in the pedigree you have maybe the bull here to add functional, fertile and maternal genetics into your herd. Grand-dam sold for 7000gns to Norbreck Genetics. 14 traits in the breeds top 30%. Birth weight 34kg



HW ALPHONSO Z884



HW PACHA Z891

Born 05/06/2023 | (UK546977 603891) | Myostatin. NT821-0 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)

Dam - gs. RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
HW PRAULINE W186(UK546977 103186)
gd. HW PRAULINE U066(UK546977 102066)



	December 2024 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
EBVs	+1.8	+5.4	-2.2	+2.3	+66	+112	+128	+95
Accuracy	44%	37%	53%	77%	69%	68%	64%	57%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+21	+0.9	+5.4	+0.1	+0.1	+1.4	+50	+68
Accuracy	49%	72%	48%	55%	48%	44%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Another Equilibrium out of a Bannockburn daughter and again the type of bull we want to produce, long, deep and with growth. Dam one of the stand out young cows in the herd. 14 traits in the breeds top 30%. Birth weight 37kg



HW PACHA Z891



HW ERNESTO Z897 (ET) BUYER'S CHOICE

Born 12/06/2023 | (UK546977 503897) | Myostatin. NT821-0 F94L-0

Sire - gs. S A V RESOURCE 1441 (SS)(IMP)(17016597(US)46)
S A V TERRITORY 7225 (SS)(IMP)(18913034(US)46)
gd. S A V EMBLYNETTE 3293(17556223(US))

Dam - gs. S A V RAINFALL 6846 (SS)(IMP)(18578963(US)46)
S A V EMBLYNETTE 9811 (ET)(IMP)(19506942(US)46)
gd. S A V EMBLYNETTE 2369(17249196(US))



	December 2024 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	
	EBVs	--	--	-0.6	+4.4	+55	+101	+120	+101
	Accuracy			41%	68%	58%	58%	52%	40%
	Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+15	+1.6	+4.8	+0.3	+0.1	+0.6	+41	+54
Accuracy	33%	66%	37%	42%	34%	30%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

This is a choice lot of these two full brothers buyer picks one and we will keep the other as a herd sire. These embryos brothers from the famous SAV herd in America are the only sons in the UK of SAV Territory who was lot 1 in the 2018 SAV sale and proclaimed by Kelly Shaft as the greatest Resource son ever produced at SAV. His dam and grand-dam are udder and picture perfect females. Add in a top dam of SAV Rainfall who is regarded around the world as one of the great calving ease sires whose daughters would stand out in anyones pasture's. This is a great opportunity to add proven outcross genetics you can see what SAV genetic has done at HW/ Netherton to help us breed a more moderate deeper soft fleshed female that is functional and we believe these could be the best yet. Eclipse has 10 traits in the breeds top 30% and Ernesto 7. Birth weight Eclipse 38kg, Ernesto 47kg



HW ERNESTO Z897 (ET)



NETHERTON ECLIPSE Z036 (ET) BUYER'S CHOICE

Born 09/06/2023 | (UK542697 601036) | Myostatin. NT821-0 F94L-0

Sire - gs. S A V RESOURCE 1441 (SS)(IMP)(17016597(US)46)
S A V TERRITORY 7225 (SS)(IMP)(18913034(US)46)
 gd. S A V EMBLYNETTE 3293(17556223(US))

Dam - gs. S A V RAINFALL 6846 (SS)(IMP)(18578963(US)46)
S A V EMBLYNETTE 9811 (ET)(IMP)(19506942(US)46)
 gd. S A V EMBLYNETTE 2369(17249196(US))



	December 2024 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	
	EBVs	--	--	-1.5	+2.6	+56	+108	+120	+91
	Accuracy			41%	67%	58%	58%	52%	40%
	Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index	
	EBVs	+16	+1.4	+5.5	+0.2	+0.6	+0.3	+49	+63
	Accuracy	33%	66%	37%	41%	34%	30%		
	Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

This is a choice lot of these two full brothers buyer picks one and we will keep the other as a herd sire. These embryos brothers from the famous SAV herd in America are the only sons in the UK of SAV Territory who was lot 1 in the 2018 SAV sale and proclaimed by Kelly Shaft as the greatest Resource son ever produced at SAV. His dam and grand-dam are udder and picture perfect females. Add in a top dam of SAV Rainfall who his regarded around the world as one of the great calving ease sires whose daughters would stand out in anyone's pastures. This is a great opportunity to add proven outcross genetics you can see what SAV genetic has done at HW/ Netherton to help us breed a more moderate deeper soft fleshed female that is functional and we believe these could be the best yet. Eclipse has 10 traits in the breeds top 30% and Ernesto 7. Birth weight Eclipse 38kg, Ernesto 47kg



NETHERTON ECLIPSE Z036 (ET)



HW ERNIE Z899

Born 16/06/2023 | (UK546977 703899) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE 0A36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)

Dam - gs. HW RED DABADOO T566 (ET)(UK546977 501566)
HW EVERGREEN V757(UK546977 602757)
gd. HW EVERGREEN R603(UK546977 100603)



	December 2024 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
EBVs	+0.3	+4.4	-1.0	+3.2	+63	+120	+135	+110
Accuracy	46%	41%	58%	77%	69%	70%	66%	60%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+18	+4.1	+6.9	-1.2	+1.5	+0.2	+57	+75
Accuracy	55%	73%	50%	58%	50%	47%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Again another bull with all traits above breed average who says you can't have it all. Bannockburn who is the proven cow maker with high feed efficiency lines again produces the goods. Dam sold for 4500gns to France and also knows how to produce the goods 4 calves before her 5th birthday and coming forward a month each time, these are the genetics that pays the bills. 13 traits in the breeds top 30%. Birth weight 40kg



HW ERNIE Z899



HW FAGAN Z983

Born 24/06/2023 | (UK546977 703983) | Myostatin. NT821-0 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)



Dam - gs. HW EVANDER S051 (ET)(UK546977 101051)
HW FRANCES W191(UK546977 603191)
gd. HW FRANCES T470(UK546977 701470)

	December 2024 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
	EBVs	-4.7	+4.6	+0.5	+6.3	+60	+103	+130
	Accuracy	44%	36%	51%	77%	68%	68%	64%
	Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98
	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	EBVs	+16	+2.4	+5.5	+0.2	+0.4	+0.9	+43
	Accuracy	48%	72%	48%	55%	48%	44%	
	Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38
								+50

Great width and top here on a moderate frame just what you would expect from an Equilibrium son, the breed character his sons have is also exceptional. Add in the fleshing qualities of Evander and Prime and you have a very easy fleshing bull here. 12 traits in the breeds top 30%. Birth weight 45kg



HW FAGAN Z983



HW REX Z984

Born 29/06/2023 | (UK546977 103984) | Myostatin. NT821-0 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)

Dam - gs. HW FABULOUS R565 (ET)(UK546977 500565)
HW RACHEL W176(UK546977 503176)
gd. HW RACHEL T536 (ET)(UK546977 301536)



	December 2024 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
EBVs	-6.9	+1.0	-0.1	+6.3	+60	+101	+130	+117
Accuracy	46%	38%	51%	77%	68%	68%	64%	57%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+10	-0.2	+8.0	-0.1	+1.4	+0.9	+44	+60
Accuracy	47%	72%	48%	55%	48%	44%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Another moderate framed thick set bull sired by Equilibrium out of our Rachel family that originate from New Zealand from Ranui which produced us Ranui Impact and Netherton Royal Sovereign from this family and also Netherton Trendy Man who had an influence in the breed. A real nice pedigree here and will produce top quality calves. 10 traits in the breeds top 30%. Birth weight 48kg



HW REX Z984



HW POLICE MAN Z990

Born 05/07/2023 | (UK546977 703990) | Myostatin. NT821-0 F94L-0

Sire - gs. TC GRID TOPPER 355 (SS)(IMP)(14526645(US)32)
HW AUGUSTUS X462 (ET)(UK546977 403462)
gd. SOUTHLAND AWESTRUCK 117R (ET)(IMP)(1295111(CA)32)

Dam - gs. HW ABACUS V500(UK546977 102500)
HW MADAME PRIDE X491(UK546977 503491)
gd. HW MADAME PRIDE V734 (ET)(UK546977 402734)



	December 2024 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
EBVs	-0.1	+3.9	-2.2	+1.4	+63	+116	+138	+125
Accuracy	41%	33%	49%	75%	67%	67%	63%	55%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+21	+1.8	+5.0	-1.6	+1.0	+0.3	+53	+72
Accuracy	46%	71%	47%	54%	46%	42%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

The top son of Augustus in our eyes, and again all calving traits above breed average and another bull suitable for heifers. Dam is her to Abacus daughter at present and goes back through Millah Murrah Loch Up to the 2020 Miss Europe. Millah Murrah is one of the top maternal herds you will find anywhere in the world and hold just about all the records in Australia for prices and averages. 13 traits in the breeds top 30%. Birth weight 35kg



HW POLICE MAN Z990



NETHERTON TITANIUM Z030

Born 15/05/2023 | (UK542697 701030) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)



Dam - gs. SITZ UPWARD 307R (SS)(IMP)(14963730(US)35)
NETHERTON TOP LASS S870 (ET)(UK542697 100870)
gd. DMM TOP LASS 22W (ET)(IMP)(1493964(CA)37)

	December 2024 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
EBVs	+6.4	+3.2	-2.6	+2.0	+69	+119	+137	+100
Accuracy	49%	44%	60%	77%	71%	71%	67%	62%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+20	+0.7	+8.6	-1.3	+1.5	+1.3	+60	+82
Accuracy	58%	75%	53%	59%	52%	48%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Maternal, Maternal, Maternal I know I keep going on about this but the cow herd is the most important aspect of cattle breeding, here you have it in one package Bannockburn we all know about the quality of his daughters but then add in Sitz Upward out of a MillerWilson female then you know you are going to produce daughters that will improve any cow herd. Dam a top donor for us before selling to Barningham Angus, Top Lass family have produced many of our high sellers over the years. Titanium is a long bull with plenty of growth. Performance data you can only dream of. 15 traits in the breeds top 30%. Birth weight 33kg



NETHERTON TITANIUM Z030



NETHERTON TRAILBLAZER Z031

Born 20/05/2023 | (UK542697 101031) | Myostatin. NT821-0 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)

Dam - gs. HW FABULOUS R565 (ET)(UK546977 500565)
NETHERTON TOP LASS W947(UK542697 100947)
gd. NETHERTON TOP LASS T879 (ET)(UK542697 300879)



	December 2024 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
EBVs	+0.0	+1.8	-1.2	+3.5	+53	+96	+118	+98
Accuracy	44%	37%	50%	77%	68%	68%	64%	57%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+12	+1.2	+6.2	-0.8	+1.1	+0.4	+45	+63
Accuracy	47%	73%	48%	54%	47%	43%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Another top bull from the Top Lass family and you can see by this Equilibrium son they will breed top ones to any bull. Lots of shape and width here even though on a low input system, dam a real smart fabulous daughter and grand-dam sold to Housesteads Angus for 4200gns. 11 traits in the breeds top 30%. Birth weight 38kg



NETHERTON TRAILBLAZER Z031



NETHERTON MASSACHUSETTS PRINCE Z032

Born 20/05/2023 | (UK542697 201032) | Myostatin. NT821-0 F94L-0

Sire - gs. S A V PRESIDENT 6847 (SS)(IMP)(18578964(US)44)
HW ENFORCER W787 (ET)(UK546977 102787)
gd. S A V ELBA 1400 (ET)(IMP)(16973616(US)44)

Dam - gs. RAWBURN BOSS M554 (ET)(UK562106 301554)
NETHERTON MADAME PRIDE V922 (ET)(UK542697 400922)
gd. HW MADAME PRIDE S632 (ET)(UK546977 200632)



	December 2024 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
EBVs	-3.3	+4.8	-0.4	+3.8	+55	+101	+120	+103
Accuracy	36%	29%	47%	76%	67%	67%	63%	54%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	+15	+0.5	+5.2	-0.1	+0.8	+0.2	+44	+59
Accuracy	41%	72%	46%	53%	45%	40%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Sire a son of the \$750,000 SAV President who along with 2 other full brothers have bred well for us leaving moderate deep sided cattle that can flesh up on fresh air, their first daughters are calving and are udder perfect and the type we like. Dam a top Boss daughter out of the 2020 Miss Europe. Lots of flesh and depth here not only in the bull but pedigree. 10 traits in the breeds top 30%. Birth weight 36kg



NETHERTON MASSACHUSETTS PRINCE Z032



NETHERTON MR ENFORCER Z033

Born 23/05/2023 | (UK542697 301033) | Myostatin. NT821-0 F94L-0

Sire - gs. S A V PRESIDENT 6847 (SS)(IMP)(18578964(US)44)
HW ENFORCER W787 (ET)(UK546977 102787)
gd. S A V ELBA 1400 (ET)(IMP)(16973616(US)44)

Dam - gs. HW FABULOUS R565 (ET)(UK546977 500565)
NETHERTON MISS ESSENCE W933(UK542697 100933)
gd. NETHERTON MISS ESSENCE S868 (ET)(UK542697 600868)



	December 2024 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
	EBVs	-3.4	+2.2	-1.3	+4.0	+61	+114	+131
	Accuracy	35%	28%	44%	75%	66%	66%	62%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	EBVs	+17	+2.4	+7.4	-0.7	+1.6	+0.6	+52
	Accuracy	40%	72%	45%	51%	43%	38%	
	Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38

Another Enforcer son and maybe his best to date, from the Miss Essence family which originate in Canada at Millerwilson where they have produced numerous show champions. Add in more SAV lines then you have a line that will flesh under any environmental conditions. This real balanced bull will suit most types of cows. 15 traits in the breeds top 30%. Birth weight 38kg



NETHERTON MR ENFORCER Z033



NETHERTON BLACKJACK Z034

Born 24/05/2023 | (UK542697 401034) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE OA36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)

Dam - gs. TLA NORTHERN SAMURAI (IMP)(627274(CA)14)
NETHERTON BLACKBIRD L602 (ET)(UK542697 600602)
gd. COLDSTREAM BLACKBIRD 62G (IMP)(ET)(888530(CA)29)



	December 2024 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
EBVs	+3.0	+2.1	-1.2	+2.4	+50	+93	+105	+75
Accuracy	53%	49%	61%	78%	71%	72%	68%	61%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+15	+0.9	+5.6	-0.9	+0.8	+0.5	+44	+59
Accuracy	60%	75%	55%	61%	54%	50%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Here’s a real meaty bull from Seonaid sired by Bannockburn and again all calving traits above breed average from her foundation cow and a daughter of the legendary TLA Samuria who dominated the breed in the 90’s and traces back to the great Knights Blackbird 9Y proving good genetics never go out of fashion. Dam is a donor cow for us and receipts carry her embryos have sold to over 4000 Euros in Ireland. Blackjack had a knock on a front knee which left a swelling but he is sound and will be passed fit by a vet before the sale. 11 traits in the breeds top 30% birth weight 33kg



NETHERTON BLACKJACK Z034



NETHERTON FLAMBOYANT Z035

Born 04/06/2023 | (UK542697 501035) | Myostatin. NT821-0 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)



Dam - gs. HW ARANGUEZ U630(UK546977 601630)
NETHERTON FRANCES W952(UK542697 600952)
gd. NETHERTON FRANCES P832 (ET)(UK542697 500832)

	December 2024 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
EBVs	-3.8	+3.2	-0.5	+6.0	+66	+106	+134	+120
Accuracy	44%	36%	51%	77%	68%	68%	63%	53%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+17	-1.0	+6.9	-0.2	+1.1	+0.9	+47	+66
Accuracy	46%	72%	47%	54%	47%	43%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

You will see how consistent Equilibrium is breeding and how well they are fitting into our management system. Here's another son with good width and moderate framed from our Frances family dam will be the top daughter of Aranguez we have and always a favourite with visitors with her fleshing ability and style just like some of the top show females in this pedigree. 13 traits in the breeds top 30%. Birth weight 45kg



NETHERTON FLAMBOYANT Z035



NETHERTON MAXIMUS Z037

Born 10/06/2023 | (UK542697 701037) | Myostatin. NT821-0 F94L-0

Sire - gs. QUAKER HILL RAMPAGE 0A36 (SS)(IMP)(16925771(US)42)
RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
gd. NICHOLS BONNIE Y292 (ET)(IMP)(17081895(US)42)

Dam - gs. S A V HERITAGE 6295 (SS)(IMP)(15369205(US)36)
NETHERTON MISS ESSENCE U900 (ET)(UK542697 300900)
gd. DMM MISS ESSENCE 147H (ET)(IMP)(963849(CA)28)



	December 2024 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
EBVs	+4.2	+4.7	-1.5	+1.6	+57	+103	+118	+100
Accuracy	49%	44%	59%	77%	70%	70%	66%	61%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+19	+0.9	+4.7	-0.7	+0.3	+1.0	+48	+66
Accuracy	57%	74%	52%	58%	51%	48%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

A real calving ease sire we have here if you want to sleep in your bed at nights then these bulls have to be looked at. Out of the gran-dam of Mr Enforcer this donor cow is now sold to Barningham Angus who are establishing a top Angus herd mainly based on HW/Netherton genetics. Again like the other Bannockburn sons you get good length and growth yes maybe you lose a bit of shape but the daughter's they will breed will be second to none. 14 traits in the breeds top 30%. Birth weight 35kg



NETHERTON MAXIMUS Z037

BARNINGHAM HERD



BARNINGHAM EVERGREEN Z655

Born 31/03/2023 | (UK105946 201655) | Myostatin. NT821-0 F94L-0

Sire - gs. S A V HARVESTOR 0338 (SS)(IMP)(16687737(US)38)
HW EVANDER S051 (ET)(UK546977 101051)
gd. S A V ELBA 1407 (ET)(IMP)(16973620(US)40)



Dam - gs. RAWBURN BOSS M554 (ET)(UK562106 301554)
HW EVERGREEN R603(UK546977 100603)
gd. RAWBURN EVERGREEN M508(UK562106 601508)

	December 2024 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
EBVs	-3.9	+6.1	+0.9	+5.7	+65	+112	+133	+115
Accuracy	49%	43%	54%	76%	69%	70%	66%	62%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
	+22	+1.4	+3.7	-1.5	+1.0	-0.3	+49	+65
Accuracy	58%	73%	52%	59%	52%	49%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

We asked our good friends Rob and Sarah if they wanted to out bulls in the sale as we have had some of their bulls since weaning to help them out. Barningham have been buying many of our top females over the past 3 years to establish a herd based on low input and easy management, here we have an outstanding Evander son full of flesh and thickness which this proven sire is noted for as well as his lovely deep sided daughters. Evander can be found in lots of our top females. 9 traits in the breeds top 30%. Birth weight 43kg



BARNINGHAM EVERGREEN Z655



BARNINGHAM ERIC Z656

Born 03/04/2023 | (UK105946 301656) | Myostatin. NT821-0 F94L-0

Sire - gs. S A V HARVESTOR 0338 (SS)(IMP)(16687737(US)38)
HW EVANDER S051 (ET)(UK546977 101051)
gd. S A V ELBA 1407 (ET)(IMP)(16973620(US)40)

Dam - gs. HW FABULOUS R565 (ET)(UK546977 500565)
HW ERICA FLOSS U447(UK546977 402447)
gd. HW ERICA FLOSS P306(UK546977 500306)



	December 2024 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
EBVs	-9.8	+3.3	-0.4	+5.7	+63	+110	+136	+125
Accuracy	48%	42%	52%	76%	69%	69%	66%	62%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+16	+2.6	+4.3	-0.8	+0.3	+1.0	+42	+53
Accuracy	56%	72%	50%	58%	50%	48%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

Again a top Evander son full of flesh and muscle, his dam was bought for 4800gns and she is a maternal sister to HW Eric who was retained as a herd sire at HW. These fabulous daughters have matured into big strong cows but have retained their functionality and know how to wean a heavy calf. 10 traits in the breed top 30%. Birth weight 47kg



BARNINGHAM ERIC Z656



BARNINGHAM EVANGELO Z657

Born 06/04/2023 | (UK105946 401657) | Myostatin. NT821-0 F94L-0

Sire - gs. S A V HARVESTOR 0338 (SS)(IMP)(16687737(US)38)
HW EVANDER S051 (ET)(UK546977 101051)
gd. S A V ELBA 1407 (ET)(IMP)(16973620(US)40)

Dam - gs. FORDEL MINNESOTA PRIME P753 (ET)(UK542511 103753)
HW EVITA U627(UK546977 301627)
gd. NETHERTON EVITA L634 (ET)(UK542697 300634)



	December 2024 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
EBVs	-3.3	+6.3	+0.4	+6.2	+64	+108	+126	+111
Accuracy	48%	42%	53%	76%	69%	69%	66%	61%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+19	+1.0	+2.3	-0.7	-0.2	+0.9	+44	+58
Accuracy	57%	72%	52%	59%	51%	49%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

These Evander sons in the sale will catch buyer's eyes for their thickness no doubt about that, this will be his last crop of sons though semen is retained and with the positive feedback from commercial customers about his sons we will likely have to start using him again. Grand-dam has been a great breeder to any bull she was bred to always threw a bigger calf but was never assisted. 11 traits in the breeds top 30%. Birth weight 49kg



BARNINGHAM EVANGELO Z657



BARNINGHAM EQUALISER Z658

Born 17/07/2023 | (UK546977 603996) | Myostatin. NT821-1 F94L-0

Sire - gs. TE MANIA EMPEROR E343 (AI)(IMP)(VTME343(AU)37)
HW MR EQUILIBRIUM W202 (ET)(UK546977 303202)
gd. NETHERTON MISS EFFIE M726 (ET)(UK542697 400726)

Dam - gs. RAWBURN BANNOCKBURN T628 (ET)(UK562106 602628)
HW ERICA FLOSS W210(UK546977 403210)
gd. HW ERICA FLOSS U447(UK546977 402447)



	December 2024 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
EBVs	+1.4	+3.4	-1.5	+3.3	+59	+110	+132	+114
Accuracy	44%	37%	53%	75%	67%	67%	62%	53%
Avg 22 Calves	-0.9	+0.5	+0.2	+3.5	+45	+80	+98	+90

	Scrotal Size (cm)	Carcase Weight (kg)	Eye Muscle Area (Sq.cm)	Fat (mm)	Retail Beef Yield	IMF %	Terminal Sire Index	Self Replacing Index
EBVs	+13	+1.1	+7.0	-1.4	+1.8	+0.1	+54	+75
Accuracy	47%	70%	47%	54%	47%	43%		
Avg 22 Calves	+14	+1.2	+4.4	-1.5	+1.1	+0.2	+38	+50

This very smart son of equilibrium is full of style, thickness and flesh and has always been a standout since arriving at Netherton, his dam is maybe one of the top daughters of Bannockburn on phenotype and maybe one we shouldn't of sold as young. 12 traits in the breeds top 30%. Birth weight 37kg



BARNINGHAM EQUALISER Z658

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.

UNDERSTANDING THE BREEDPLAN PERFORMANCE RECORDING INFORMATION IN THIS CATALOGUE

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

ESTIMATED BREEDING VALUES (EBVs)

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

ACCURACY

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

CALVING EASE

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

DIR: Direct calving ease indicates how this animal influences the birth of its progeny. Using a bull in the Top 1% for CE direct (+7.0) is predicted to result in approximately 15% fewer assisted calvings in 2 year old heifers compared with using a bull in the Bottom 1% (-10.2). This range is predicted to be smaller in cows.

Remember that the dam's genetics and management are significant factors influencing calving ease in any mating.

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

BIRTH AND FERTILITY

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

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

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

GROWTH

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

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

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

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

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

CARCASE

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

EMA: Eye Muscle Area EBV (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 2022 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	+11.0	+9.4	-6.1	-4.7	+90	+158	+178	+171	+32	+5.1	+130	+11.0	+4.2	+4.3	+2.1	+81	+102
Top 1%	+7.3	+6.1	-3.2	-1.4	+67	+121	+144	+134	+25	+3.0	+97	+8.3	+2.4	+2.9	+1.1	+58	+78
Top 5%	+4.9	+4.5	-2.0	+0.5	+59	+107	+129	+120	+22	+2.4	+86	+7.0	+0.3	+2.3	+0.8	+51	+69
Top 10%	+3.6	+3.5	-1.4	+1.3	+56	+100	+121	+113	+20	+2.1	+80	+6.2	-0.1	+2.0	+0.7	+48	+64
Top 15%	+2.7	+2.8	-1.0	+1.7	+54	+96	+116	+108	+19	+1.9	+77	+5.8	-0.4	+1.8	+0.6	+46	+61
Top 20%	+2.0	+2.3	-0.7	+2.1	+52	+93	+113	+105	+18	+1.7	+74	+5.5	-0.6	+1.7	+0.5	+44	+59
Top 25%	+1.3	+1.9	-0.4	+2.4	+50	+90	+110	+102	+17	+1.6	+72	+5.2	-0.8	+1.6	+0.4	+42	+57
Top 30%	+0.8	+1.6	-0.2	+2.6	+49	+88	+107	+99	+16	+1.5	+71	+5.0	-0.9	+1.4	+0.3	+41	+55
Top 35%	+0.3	+1.2	+0.0	+2.9	+48	+85	+105	+96	+16	+1.4	+69	+4.7	-1.1	+1.4	+0.3	+40	+53
Top 40%	-0.2	+1.0	+0.2	+3.1	+46	+83	+102	+94	+15	+1.3	+67	+4.5	-1.2	+1.3	+0.2	+39	+52
Top 45%	-0.6	+0.7	+0.3	+3.3	+45	+81	+100	+92	+14	+1.2	+65	+4.3	-1.3	+1.2	+0.2	+38	+50
Top 50%	-1.0	+0.4	+0.5	+3.5	+44	+79	+98	+89	+14	+1.1	+64	+4.1	-1.5	+1.1	+0.2	+37	+49
Top 55%	-1.4	+0.2	+0.6	+3.7	+43	+77	+95	+87	+13	+1.0	+62	+4.0	-1.6	+1.0	+0.1	+36	+47
Top 60%	-1.8	-0.1	+0.8	+3.9	+42	+75	+93	+85	+13	+0.9	+60	+3.8	-1.8	+0.9	+0.1	+35	+46
Top 65%	-2.2	-0.4	+0.9	+4.1	+41	+73	+91	+82	+12	+0.9	+59	+3.6	-1.9	+0.8	+0.0	+34	+45
Top 70%	-2.7	-0.7	+1.1	+4.3	+39	+70	+88	+80	+11	+0.8	+57	+3.4	-2.0	+0.7	+0.0	+33	+43
Top 75%	-3.2	-1.1	+1.2	+4.5	+38	+68	+85	+77	+11	+0.7	+55	+3.2	-2.2	+0.6	-0.1	+31	+42
Top 80%	-3.8	-1.4	+1.4	+4.7	+36	+65	+81	+73	+10	+0.5	+53	+2.9	-2.4	+0.5	-0.1	+30	+40
Top 85%	-4.5	-1.9	+1.6	+5.1	+34	+61	+77	+69	+9	+0.4	+49	+2.6	-2.6	+0.4	-0.2	+28	+37
Top 90%	-5.3	-2.5	+1.8	+5.5	+31	+56	+70	+63	+8	+0.2	+45	+2.3	-2.9	+0.2	-0.3	+26	+34
Top 95%	-6.6	-3.4	+2.1	+6.1	+27	+47	+59	+52	+5	-0.1	+36	+1.8	-3.3	-0.1	-0.4	+21	+29
Top 99%	-9.4	-5.1	+2.8	+7.4	+3	+4	+2	+17	-1	-0.8	-4	+0.7	-4.0	-0.8	-0.7	+2	+5
Low Value	-19.4	-10.0	+5.0	+10.6	-13	-28	-38	-32	-6	-2.7	-30	-1.2	-6.0	-2.0	-1.4	-13	-13

All bulls entered at official Society sales have their Myostatin status displayed in the catalogue.

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

Myostatin Status Single Version Carrier means the bull carries a single version either Myostatin NT821 or F94L genes, but still accepted for registration by the Aberdeen-Angus Cattle Society

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.

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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.

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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.

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(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.
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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.
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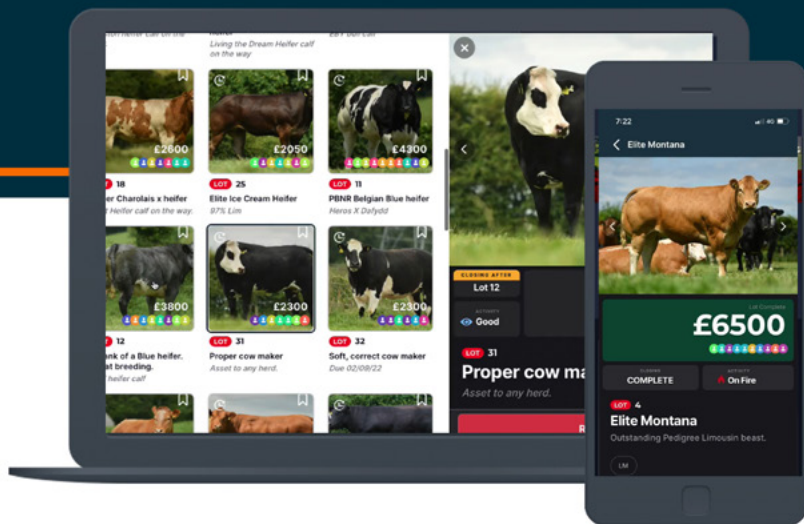
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