



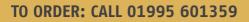
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- Whole Bovine Colostrum not skimmed or reconstructed from components.
- High in Colostral Fat important energy source required by calves immediately after birth.
- Safe and Effective free of disease-causing organisms, tested for safety and efficacy.
- Convenient Easily mixes in under 15 seconds.
- 3-year shelf life
- ♦ GMP+ FSA Assured ⊕





TRIBUNAL

HF TRIBUNAL | 011AN02293 Herdbook No. US 19979916 Birthdate 01-29-2020 | Tattoo 161H

- Tribunal has tons of eye appeal and performance
- Sired by the Denver crowd favorite, Alcatraz
- His dam is featured at Hamilton Farms where she is an Elite/Premier Dam and produced many sale toppers

					PRO	DUCTION					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle
EPD	+2	+3.4	+64	+129	+.32	+1.36	+1.2	+.60	+37	+.22	+.41
Acc	.29	.50	.43	.39	.25	.25	.36	.44	.13	.26	.26

		CAR	CASS					\$ VA	LUES			
	CW	MARB	RE	FAT	\$М	\$W	\$F	\$G	\$B	\$C	\$AXH	\$AXJ
EPD	+59	+.58	+.37	+.019	+46	+48	+114	+46	+159	+252	-13	+16
Acc	.34	.30	.32	.28	.28 American Anaus Association October 2022							

HF Alcatraz 60F

HF Evening Tinge 118Z

May-Way Breakout 1310 HF Mayflower 191Z

HF Tiger 5T HF Evening Tinge 55N

BLACK ANGUS

FIGURES

HF HIDDEN FIGURES | 011AN01347 Herdbook No. US 18968636 | Al code AA105 Birthdate 01-17-2017 | Tattoo 53E

- Moderate frame with a big butt end and awesome phenotype
- Balanced traits for calving ease, performance and maternal
- Unique pedigree with maternal strength

						PRO	DUCTI	ON						
	CED	BW	WW	YW	RAI	DG	DM	11	YH		SC	DOC	Claw	Angle
EPD	+6	6	+62	+10	12	22 +.		9	+.5	; ·	+.87	+33	+.63	+.56
Acc	.33	.53	.46	.41	.3	0	.30	0	.43	;	.38	.32	.25	.25
		CAR	CASS			\$ VALUES								
	CW	MARB	RE	FAT	\$M	\$1	W	\$F		\$G	\$B	\$C	\$AXH	\$AXJ
EPD	+36	+.32	+.27	+.054	+60	+.	61	+78	3	+29	+107	/ +199	-47	-45
Acc	.40	.36	.36	.33	.33 American Angus Association October 2022									

BOOST

CG BOOST | 011AN02302 Herdbook No. US 19973427

Birthdate 09-28-2020 | Tattoo 0061

- Superior performance sire ranking at the top of the breed for WW, YW and CW
- Excellent carcass merit with MARB and REA at +1.00
- High \$Values with \$F, \$B and \$C in the top 1%

						PRO	DUCTION						
	CED	BW	WW	YW	RA	DG	DMI	Y	/H	SC	DOC	Claw	Angle
EPD	+7	+4.1	+92	+16	9 +.	39	+1.58	+	1.7	+.55	+28	+.46	+.43
Acc	.33	.49	.42	.37	.3	2	.32		43	.35	.28	.28	.26
		CAR	CASS			\$ VALUES							
	CW	MARB	RE	FAT	\$M	\$	W \$	F	\$G	\$B	\$C	\$AXH	\$AXJ
EPD	+86	+.98	+.94	013	+53	+	70 +1	39	+75	i +21	4 +331	+157	+205
Acc	.38	.35	.35	.31	1 American Angus Association October 2022								



GRENADE

HW GRENADE

Herdbook No. UK546977102535 Al Code AA1778 | Birthdate 03-01-2019

- Impressive Growth and Muscle Index
- Smooth fleshing sire with excellent Muscling
- Suitable for breeding suckler replacements

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	-1.5	+4.3	+.4	+4.7	+52	+89	+108	+83
Acc	52%	45%	57%	81%	73%	72%	69%	63%

	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	+1.9	+67	+5.9	8	+1.3	+.5	+42	+57
Acc	74%	60%	51%	58%	51%	47%		

The Aberdeen-Angus Cattle Society October 2022

Netherton Kracker P790

Mohmar Gammer Eulanne N181

S A V Brave 8320 Netherton Karama K574

S A V Solid Gold 9187 Kitewood Gammer Eulanne K122



HIGHWAY

DRUMHILL LORD HIGHWAY V271 Herdbook No. UK959342703271 Al Code AA1784 | Birthdate 04-24-2019

- Lord Highway is bred from a successful and proven cow family
- Tremendous indexes for both Terminal and Maternal
- Suitable for breeding replacements for the suckler herd

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	-1.7	-4.0	.0	+4.4	+50	+92	+107	+85
Acc	52%	50%	50%	72%	64%	66%	63%	59%

	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	+1.6	+71	+4.7	-2.8	+1.9	+.1	+44	+52
Acc	66%	58%	51%	56%	51%	48%		

The Aberdeen-Angus Cattle Society October 2022

Wedderlie Tarquin L383

Drumhill Lady Heather P366

Papa Equator 2928 HF Tibbie 86K

Blelack Prince Consort A286 Blelack Lady Heather J169 **BLACK ANGUS**

SAFE-N-SOUND

ARNETT SAFE-N-SOUND | 011AN02346

Herdbook No. US 20004163

Birthdate 2-17-2021 | Tattoo 011

						PRO	DUCTION						
	CED	BW	WW	YW	RAI)G	DMI	1	YH	SC	DOC	Claw	Angle
EPD	+5	+2.1	+79	+13	4 +.3	30	+.73	-	7	+1.78	+28	+.44	+.37
Acc	.32	.48	.41	.37	.27 .27 .43 .38 .33 .26						.26	.25	
		CAR	CASS			\$ VALUES							
	CW	MARB	RE	FAT	\$M	\$1	N S	F	\$G	\$B	\$C	\$AXH	\$AXJ
EPD	+62	+.66	+.96	030	+66	+7	71 +1	.15	+62	1 +176	5 +294	+148	+124
Acc	.35	.32	.32	.28	8 American Angus Association January 2023								

Myers Fair-N-Square M39

Woodhill Blueprint Myers Miss Beauty M136

WayView Eblinette 640-9200

S Foundation 514 Way View Eblinette 640

RumiLife® CAL24[™] CALCIUM SUPPLEMENT

7

Include **RumiLife CAL24** in your fresh cow protocol for immediate & extended release calcium







PHOENIX

QUAKER HILL PHOENIX | 011AN01463 Herdbook No. US 19386543 | Al code AA1780 Birthdate 09-25-2018 | Tattoo 8EM4

- **Curve bending genetics**
- Moderate frame sire with time tested pedigree
- Breed leading carcass merit

					PRO	DUCTION								
	CED BW WW YW RADG DMI YH SC DOC Claw Angle													
EPD	+10	+.5	+76	+147	+.35	+1.35	+.4	+.76	+24	+.56	+.52			
Acc	.36	.55	.47	.43	.34	.34	.51	.48	.36	.34	.34			

		CAR	CASS					\$ VA	LUES			
	CW	MARB	RE	FAT	\$М	\$W	\$F	\$G	\$B	\$C	\$AXH	\$AXJ
EPD	+53	+.81	+.68	009	+42	+61	+98	+61	+160	+250	+166	+143
Acc	.43	.38	.38	.34	.34 American Angus Association October 2022						ober 2022	

LD Emblazon 999

Quaker Hill Erica 5E7

0 C C Emblazon 854E

SH Forever Lady 3124 5118

K C F Bennett Absolute Quaker Hill Erica 3Y9



STEP UP

- High marbling genetics
- Calving ease sire
- Sires moderate framed females

QUAKER HILL STEP UP 011AN01421 Herdbook No. US 19379557 | AI code AA1759 Birthdate 03-18-2018 | Tattoo 85T8

					PRO	DUCTION								
	CED BW WW YW RADG DMI YH SC DOC Claw Angle													
EPD														
Acc	.34	.55	.43	.36	.30	.30	.43	.39	.35	.27	.27			

		CAR	CASS					\$ VA	LUES			
	CW	MARB	RE	FAT	\$М	\$W	\$F	\$G	\$B	\$C	\$AXH	\$AXJ
EPD	+45	+.99	+.25	+.072	+58	+50	+86	+59	+145	+246	+82	+39
Acc	.40	.37	.36	.32				Ar	nerican Ar	igus Assoc	iation Octo	ber 2022

American Angus Association October 2022

G A R Big Step K715

Quaker Hill Primrose 5UP3

G A R Sure Fire Chair Rock Prophet 3131

EXAR Upshot 0562B Thomas Primrose 2475

BLACK ANGUS

PARAGON

SANKEY PARAGON | 011AN02294 Herdbook No. US 19833548 Birthdate 08-15-2020 | Tattoo 030

- Straight bred GAR pedigree
- Calving ease prospect with breed leading growth and carcass merit
- Nearly all \$Values rank at the top of the breed

			PR	ODUCTI	ON				CAR	CASS				\$ VA	LUES		
	CED	BW	WW	YW	RADG	DMI	YH	CW	MARB	RE	FAT	\$W	\$F	\$G	\$B	\$AXH	\$AXJ
EPD	+11	+.5	+85	+148	+.29	+1.88	+1.0	+70	93	+1.13	022	+57	+107	+76	+182	+177	+193
Acc	.35	.51	.43	.39	.32	.32	.46	.42	.38	.38	.34		America	n Angu	s Associ	ation 1	0/2022
HIGH	GENETI	C SIRE			g a f	Phoer	ıix				R Sure R Propl		44				
					g a r	Ashlar	nd R3:	28			R Ashla R 100X						

SHERIFF

 KEYSTONE SHERIFF
 011AN02299

 Herdbook No. US 19778663
 AI code AA1917

 Birthdate 06-12-2020
 Tattoo 178H

- **Exceptional calving ease prospect**
- Breed leading performance sire with WW and YW in the top 1%
- Big time carcass numbers and \$Values at the pinnacle of the breed

			PR	DDUCTI	ON				CAR	CASS				\$ VA	LUES		
	CED	BW	WW	YW	RADG	DMI	YH	CW	MARB	RE	FAT	\$W	\$F	\$G	\$B	\$AXH	\$AXJ
EPD	+14	2	+97	+168	+.33	+1.79	+.9	+102	+.98	+1.27	+.049	+93	+153	+74	+227	+246	+261
Асс	.36	.51	.44	.39	.31	.31	.46	.40	.37	.36	.33	,	America	n Angu	s Associo	ation 1	0/2022

E W A Peyton 642	Quaker Hill Manning 4EX9 E W A 444 of 968 Progress
W A Peyton 642	GAR–EGL Protege Baldridge Blackcap S964

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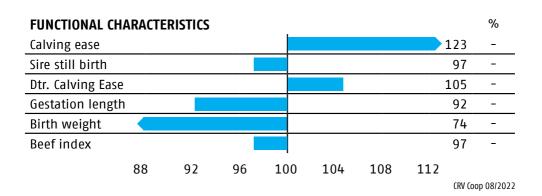


AltaSUPERBLUE

- Low birth weight,
 - easy calving
- Short gestation length
- High Fertility Sire

VAN DE PLASHOEVE ALTA SUPERBLUE

Herdbook No. NL 898157947 | Al code BB1836 Birthdate 02-22-2019 Sire: JAAP VAN PHAENOCRYST | MGS: DANDY DU TILLEUL V

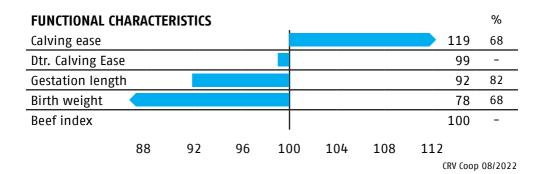




AltaELK

VAN DE PLASHOEVE ALTA ELK | 011BB00004 Herdbook No. NL 944457450 | Al code BB1654 Birthdate 04-03-2017 Sire: UBIDET DAUX HOUX | MGS: DANDY DU TILLEUL

- Great conformation
- Low birth weight, easy calving
- ▲ Short gestation length

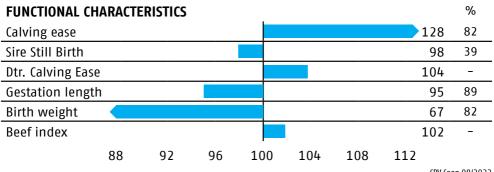




AltaKJELD

VAN DE PLASHOEVE ALTA KJELD | 011BB00003 Herdbook No. NL 944457429 | Al code BB1655 Birthdate 13-02-2017 Sire: REMCO VAN 'T ZANDEIND | MGS: ALTES

- Very handsome white bull
- Short gestation length
- Superior Calving Ease Sire

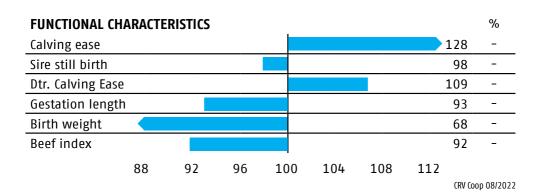




AltaSILVERBLU

VAN DE PLASHOEVE ALTASILVERBLU | 011BB00011 Herdbook No. NL 566458354 | Al code BB1943 Birthdate 05-18-2020

Sire: UGO VAN BOSZICHT | MGS: ADAMO

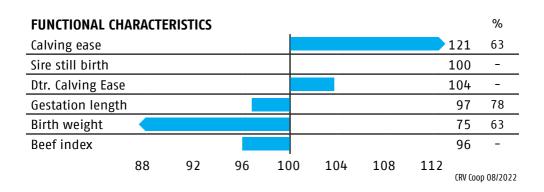




AltaRICO

- ▲ Low birth weight, easy calving
- Short gestation length
- High Fertility Sire
- Top Quality Calves

VAN DE PLASHOEVE ALTARICO | 011BB00005 Herdbook No. NL 898157839 | Al code BB1728 Birthdate 22-06-2018 Sire: OBLIGEANT DE BELLE EAU | MGS: UNICUS VAN PHAENOCRYST



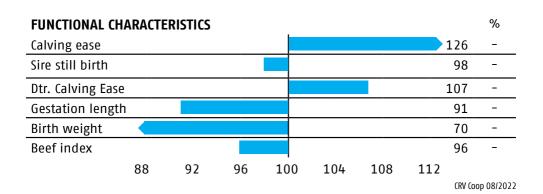


AltaTRUEBLUE

- Low birth weight
- Easy calving sire
- Short gestation length

VAN DE PLASHOEVE ALTA TRUEBLUE

Herdbook No. NL 898158034 | Al code BB1835 Birthdate 04-30-2019 Sire: UGO VAN BOSZICHT | MGS: DANDY DU TILLEUL





EQUALISER

LENAGH EQUALISER

Herdbook No. SKW09-004 | Al code LN2271 Birthdate 07-14-2009

- ▲ 98% of progeny are average and above
- Sired by the famous French sire Dauphin, noted for maternal traits
- Equaliser is an excellent balance bull, displaying superb muscling with impressive top line and square hindquarters

	BW	CE	MCE	GL	200d WT	400d WT	MUSCLE	FAT	BEEF \$	SC	DOC
EPD	+2.10	-3.30	30	70	+4	+36	+4.60	+.40	+46	2	+1.10
Acc	88%	84%	67%	95%	88%	73%	68%	60%	81%	64%	57%

The British Limousin Cattle Society August 2022





IFOR

AMPERTAINE IFOR

Herdbook No. MGD13-8897 | Al code LN2553 Birthdate 09-26-2013

- Superb Limousin sire by the 38,000 gns sire, Ampertaine Foreman
- Excellent well balanced bull with impressive muscle and shape
- Suitable for pedigree breeding
- Widespread Calving Survey completed

	BW	CE	MCE	GL	200d WT	400d WT	MUSCLE	FAT	BEEF \$	SC	DOC
EPD	-1.10	-2.0	+.10	-2.90	+10	+34	+.70	+.10	+41	60	-4.20
Acc	87%	85%	67%	96%	89%	78%	74%	69%	82%	70%	58%

The British Limousin Cattle Society August 2022





LIMBO BEN

- Calving ease sire
- Recommended to increase shape, length and style
- Healthy calves with low mortality rates

LIMBO BEN Herdbook No. 36

Herdbook No. 36-15-366-906 | Al code LM5145 Birthdate 05-26-2003

	BW	CE	MCE	GL	200d WT	400d WT	MUSCLE	FAT	BEEF \$	SC	DOC
EPD	40	-1.30	30	-3.40	+5	+4	+.20	0.0	+17	30	+1.20
Acc	49%	53%	45%	56%	44%	38%	22%	19%	42%	37%	17%

The British Limousin Cattle Society November 2021





UMAR

RAHONEY UMAR

Herdbook No. MDS03-012 | Al code LN0132 Birthdate 05-26-2003

- Progeny from Umar are excellent in terms of conformation and muscle development
- Umar progeny are 97% Average to Above Average on conformation
- Suitable for crossing onto Holstein and suckler cows

	BW	CE	MCE	GL	200d WT	400d WT	MUSCLE	FAT	BEEF \$	SC	DOC
EPD	+2.10	+.60	-1.00	20	+6	+15	+2.90	50	+21	+.30	+2.20
Acc	91%	91%	77%	96%	93%	88%	85%	82%	90%	79%	65%

The British Limousin Cattle Society August 2022



BELTED GALLOWAY



HIGH HOPE

BALLYLOUGH HIGH HOPE Herdbook No. 06835 | Al code Y9045 Birthdate 12-18-2019 Pedigree Southfield Poldark 2nd X Ballylough Brunetta

- A very stylish Belted Galloway bull with breed character and shape
- Exciting new bloodlines, including the famous Karandrea Ronaldo
- Expect quality progeny from High Hope



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> Dan Harries Velindre Farm

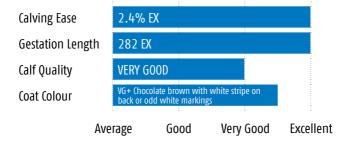
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EVENING ALL

POINTER EVENING ALL Herdbook No. 33903/S01244 | Al code LH0917 Birthdate 02-27-2018 Pedigree Aberdeen Nik EX90 x Gorse Uncle Gary We think this bull is a game changer for the breed and a very attractive proposition for our Dairy Farmer customers."





PARIS

WOODPARK PARIS

Herdbook No. MBM0081113 | Al Code (H3980 Birthdate 07-09-2019

- Combines performance with style & shape
- Exceptional Eye Muscle and Retail Beef Values
- ▲ Top 5% EBV Values for Terminal and Replacement Index

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	+5.4	-6.2	+.7	+4.7	+41	+72	+85	+78
Асс	47%	42%	51%	69%	66%	65%	60%	44%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	SC +.5	CW +62	REA +4.8	FAT 6	BY +2.1	IMF 1	TERM +71	REPLACE +64

The British Charolais Cattle Society October 2022



CHAROLAIS

STRADA

HOPEWELL STRADA 48H | 011CH01033

Herdbook No. PMC808144 Birthdate 02-20-2020

	CE	BW	WW	YW	MILK	MTL	CWT	REA	FAT	MARB	TSI
EPD	+.5	+3.7	+71	+133	+16	+52	+32	+.74	+.019	+.09	+268.79
Acc	.09	.13	.09	.07	.06	.07	.04	.05	.04	.03	

American Charolais Association September 2022

JSR Estrada 52E

Pleasant Dawn Chisum 216A JSR Jasmine 167C

Main Lanza Verminnion 647D

LT Lanza 1427 PLD Main Verminnion 925W



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LACKEY BOY

Displays style and quality throughout

Above average indexes for growth and muscle

Excellent Direct Calving Ease score

LISRACE LACKEY BOY 11TH Herdbook No. UK9481927 12133 | Al code H9305 Birthdate 04-14-2017

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	-1.6	+.7	+.9	+3.0	+28	+51	+74	+69
Асс	39%	32%	41%	73%	64%	63%	68%	57%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	SC +1.0	CW +42	REA +1.9	FAT +.5	BY +.2	IMF +.2	TERM +28	REPLACE +35

Hereford Cattle Society September 2022

Knockmountagh Master

Lisrace Bridge Girl VIII

Grianan Firecracker Knockmountagh Carmel

Castledaly Crusader Al Lisrace Bridge Girl II



SILAS

- Style, shape and performance all combine into Silas
- Top priced sire at the spring 2021 sale
- Well above average Growth and Muscling

GRACELAND 1 SILAS

Herdbook No. UK924024809644 | Al code H9260 Birthdate 07-09-2019

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	-2.1	-1.9	+1.2	+4.3	+37	+67	685	+78
Acc	38%	33%	29%	69%	63%	63%	61%	52%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	SC +2.3	CW +55	REA +2.8	FAT 5	BY +.8	IMF 1	TERM +34	REPLACE +41

Hereford Cattle Society September 2022

Blakesley 1 Nathan

Graceland 1 Lydia

Graceland 1 Emma

Aland Leopold

Blakesley 1 Joy

Greenyards 1 Dougie



TIMELINE

- Polled Hereford sire
- Calving ease sire
- Fast growth rates

SQUARE-D PF TIMELINE 237W | 011HP01007 Herdbook No. (HA P(02930348 | Al code H9314 Birthdate 02-28-2009

	CED	BW	WW	YW	DMI	SC	
EPD	+.4	+4.6	+55	+81	+.4	+1.2	
Acc	.36	.47	.41	.41	.14	.27	
	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$
EPD	+69	+.017	+.43	+.02	+222	+282	+98

American Hereford Association October 2022

Triple-A 14M Stocky 34S

Square-D Ellie 37T

Rh Standard Star Lad 14M MVF 656 Std Domio Lass 271G

Wilgor 55K Northeastern OI 2N Square-D Jaeden 37P



HANNIBAL

SHACON HANNIBAL

Herdbook No. 5003142 | Al Code 561290 Birthdate 09-04-2016

- Hannibal's sire is the well-known Kilbride Farm Delboy 12
- Hannibal's dam, Omorga Marcia, is by the record priced Corrick Kentucky Kid out of Cleenagh Dafffodil

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	-7.2	-8.9	+.2	+2.8	+32	+60	+71	+72
Асс	86%	74%	78%	93%	85%	86%	79%	62%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	SC +.6	CW +51	REA +5.6	FAT 9	BY +2.6	IMF 8	TERM +82	REPLACE +82

The British Simmental Cattle Society October 2022

Kilbride Farm Delboy 12

Crugmelyn Brenin 10 Kilbride Farm Dora 40B

Corrick Kentucky Kid Cleenagh Daffodil

Omorga Marcia



INTERNATIONAL

SLIEVENAGH INTERNATIONAL 17 Herdbook No. UK912408304243 AI Code SG1307 | Birthdate 07-07-2017

- Homozygous Polled
- Low Birth Weights
- Suitable for breeding replacements
- Outcross pedigree for pure breeding

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	-17.4	-1.0	7	+6.5	+61	+92	+101	+92
Acc	72%	52%	64%	80%	63%	55%	55%	39%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	+1.1	+60	-	+.7	+.3	-	+86	+89

25%

The British Simmental Cattle Society October 2022

35%

37%

Acc



27%



ISAAC

- Exciting sire displaying style, conformation and muscling
- Sired by Curaheen Earp,
 5 star Carcass Sire (ICBF)

OMORGA ISAAC 17

Herdbook No. UK963633007257 | Al Code SG1278 Birthdate 02-12-2017 Top 5% of the Breed for Terminal Index (Breedplan)

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	-5.4	7	3	+4.3	+46	+87	+91	+90
Acc	80%	62%	78%	86%	78%	75%	71%	54%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	SC +1.7	CW +65	REA +6.2	FAT +.6	BY +1.2	IMF +.3	TERM +105	REPLACE +123

The British Simmental Cattle Society October 2022



Curaheen Vio ET Blackford Siskin

Ashland Brandy 10 Omorga Daffodil 14th ET

Omorga Destiny



MISSILE

X-T BLACK MISSILE 138F | 011SM02055 Herdbook No. 3594131 | Al Code SG1366 Birthdate 04-16-2018

- ▲ Male sexed semen available
- Black simmental sire
- Breed leading calving ease scores
- Shapely calves
- High weaning weights

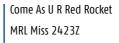


	CE	BW	ww	YW	CW	REA	FAT	MARB	API	TI
EPD	+8.4	+3.0	+75.5	+99.7	+20.2	+1.17	083	27	+90.2	+63.7
Acc	.40	.43	.43	.43	.40	.37	.33	.36	-	-

American Simmental Association October 2022

MRL Missile 138C

TSN MS Predator 53B



Wheatland Predator 922W TSN MS Fortune 47X



SCOTSMAN

ANNANWATER SCOTSMAN

Herdbook No. 563802157 | Al code BS0885 Birthdate 03-16-2009

- Scotsman is a fine example of the Shorthorn breed, displaying length, natural fleshing and good muscling
- Recommended for both crossing and pure breeding
- Progeny are impressing local producers

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	6	+.9	+3.6	+2.1	+5	+12	+27	+50
Acc	68%	61%	72%	79%	70%	66%	66%	52%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	SC .0	CW +15	REA +.3	FAT +.3	BY 4	IMF +.6	TERM +15	REPLACE +11

The Beef Shorthorn Cattle Society October 2022

Trunley Barley 098 P

Cairnsmore Zo Lucky Heather P

Trunley Timber 056 Trunley Ury Maid Nancy P

Fearn Scotsman P Cairnsmore White Heather P



PARNASSUS

CRAIGFADDOCK PARNASSUS

Herdbook No. 673804292 | Al code BS0718 Birthdate 09-06-2020

- Parnassus is a very stylish young Beef Shorthorn bull with great potential
- Dam classified EX92, and a full sister sold at 12,000 gns
- Northern Irish Herds Competition Young Bull of the Year 2021

	CED	CE DTRS	GEST	BW	200d WT	400d WT	600d WT	COW WT
EPD	4	+.6	+.3	+2.0	+22	+40	+48	+52
Асс	45%	40%	43%	59%	56%	54%	54%	49%
	SC	CW	REA	FAT	BY	IMF	TERM	REPLACE
EPD	1	+41	+3.7	4	+1.7	3	+38	+43

The Beef Shorthorn Cattle Society October 2022

Leonard of Upsall

Knockenjig Margo 2

Dingo of Upsall Augusta X822 of Upsall

Meonhill Charlie Chaplin Knockenjig Margo D1808

WAGYU

FUJI

Wagyu is famous for its meat tenderness

Fuji scores high for Retail Beef Yield

IRISH KOBE FUJI

Herdbook No. UK92428759531 | AI code MS0069

Birthdate 11-26-2007

	GEST	BW	200d WT	400d WT	600d WT	COW WT	SC
EPD	+1.9	+.4	+4	+4	+5	+6	8
Acc	55%	65%	67%	66%	66%	58%	59%
	CW	REA	FAT	r	BY	MARB	MARB FINE
EPD	-4	-1.4	7		5	+.3	+.10
Acc	63%	56%	579	6 5	0%	58%	52%

Australian Wagyu Association October 2022

PEDFW009 Newbry Ridge Okumiyako

IMUFJTF40 Terutani J2494 TF40 ILLFT0003 Illabo Tassuru

PEDFX028 Newbry Ridge Hirasken

IMJFAJ2351 Hirashigetayasu J2351 Hongen ILLFR0031 Illabo Kenson

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EPD TERMINOLOGY

GENERAL TERMS

EPD – Expected Progeny Difference: The expected differences in performance of a sire's progeny when compared to the average progeny of all sires evaluated within the breed. Based on actual performance, progeny performance and relatives' performance.

ACC - Accuracy: The reliability placed on the EPD.

I - Interim: The EPD is based on performance information of a bull's sire, dam and relatives.

PRODUCTION EPD'S

CE, **CED** – **Calving Ease Direct:** The difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers.

BW – Birth Weight: The birth weights of a bull's progeny when compared to the breed average, in pounds.

WW – Weaning Weight: The adjusted weaning weights of a bull's progeny when compared to the breed average, in pounds.

YW – Yearling Weight: The adjusted yearling weights of a bull's progeny when compared to breed average, in pounds.

ADG – Average Daily Gain (Simmental): The difference in pounds of daily gain expected between animals' progeny during the post weaning feeding period.

RADG – Residual Average Daily Gain (Angus): The adjusted amount of post weaning gain in future progeny, in pounds, given a constant amount of feed consumed.

DMI – Dry Matter Intake (Angus, Red Angus, Hereford): Expressed in pounds per day, DMI is a predictor of difference transmitting ability for feed intake during the postweaning phase, compared to that of other sires.

YH – Yearling Height (Angus): Predicts a sire's ability to transmit yearling height, expressed in inches, compared to that of other sires.

SCR, SC – Scrotal Circumference (Angus, Charolais, Hereford): The adjusted yearling scrotal circumferences of a bull's progeny when compared to breed average, in centimeters.

DOC – Docility (Angus): The difference in yearling cattle temperament, with a higher value indicating more favorable docility.

MATERNAL EPD'S

CETM, CEM, MCE – Calving Ease Total Maternal, Calving Ease Maternal, Maternal Calving Ease: The difference in percentage of unassisted births with a higher value indicating greater calving ease in first-calf daughters.

HPG, HP – Heifer Pregnancy (Red Angus, Angus): Differences in percent probability of female progeny conceiving to calve as 2-year-olds.

Milk, MM – Maternal Milk: The amount of pre-weaning performance gained by calves which can be attributed to the milking ability of a bull's daughters, expressed in pounds of calf.

M&G, TM, MWW – Maternal Milk & Growth, Total Maternal, Maternal Weaning Weight: The Milk EPD plus half the WW EPD. A sire's EPD reflects what he is expected to transmit to his daughters for a combination of growth genetics and maternal production.

ME – Maintenance Energy (Red Angus): Differences in mature cow maintenance energy requirements. Expressed as megacalories per month.

MH – Mature Height (Angus): A predictor of the difference in mature height of a sire's daughters compared to the daughters of other sires, expressed in inches.

MW – Mature Weight (Angus): A predictor of the difference in mature weight of a sire's daughters compared to the daughters of other sires, expressed in pounds.

SCF – Sustained Cow Fertility (Hereford): This trait predicts a female's ability to stay in the herd through the age of twelve (ten calving's after calving as a two-year-old heifer).

STAY – Stayability (Red Angus, Simmental): Differences in percent probability of daughters staying productive past the age of six.

TEAT – Teat Size (Hereford): Differences in sire EPDs predict the difference expected in the sires' daughters udder characteristics when managed in the same environment. Oversized teats are difficult for newborn calves to nurse and the calf may not receive adequate colostrum.

UDDR – Udder Suspension (Hereford): Differences in sire EPDs predict the difference expected in the sires' daughters udder characteristics when managed in the same environment. Weak udder suspension results in pendulous udders that make it difficult for a calf to nurse.

MkH - Milking Herds (Angus): Indicates the number of herds from which daughters are reported.

MkD – Milking Daughters (Angus): Reflects the number of daughters having progeny weaning weight records included in the analysis.

CARCASS EPD'S

CW, CWT – Carcass Weight (Angus, Simmental, Charolais, Red Angus): The adjusted carcass weights of a sire's progeny, expressed in pounds.

MB, MARB, IMF – Marbling: A predictor of the difference in a sire's progeny for percent marbling score or percent intramuscular fat in the ribeye muscle compared to other sires.

REA, RE - Ribeye Area: Adjusted ribeye area of a sire's progeny, measured in square inches.

FAT, BF - Back Fat: The adjusted twelfth rib fat thickness of a sire's progeny, expressed in inches.

SHR – Shear Force (Simmental): A measure of tenderness, it is the pounds of force required to shear a steak.

YG - Yield Grade (Simmental): Expressed as a deviation of Yield Grade units where negative values are desirable.

Carc H/P and Ult H/P – Group/progeny (Angus): Reflects the number of contemporary groups and the number of carcass and ultrasound progeny included in the analysis.

Angus \$Value Definitions

The \$Value is an estimate of how future progeny of each sire are expected to perform, on average, compared to progeny of other sires if the sires were randomly mated to cows and if calves were exposed to the same environment.

Weaned Calf Value (\$W) – expressed in dollars per head, to predict profitability differences in progeny due to genetics from birth to weaning. The underlying objective being producers will retain 20% of the female progeny as replacements and sell the rest of the cull females and their male counterparts as feeder calves. Traits included are: birth weight, weaning weight, milk, and mature cow weight.

Feedlot Value (\$F) – expressed in dollars per head, to predict profitability differences in progeny due to genetics for postweaning feedlot merit compared to the progeny of other sires. The underlying objective assumes producers will retain ownership of cattle through the feedlot phase and sell fed cattle on a carcass weight basis, but with no consideration of premiums or discounts for quality and yield grade. Traits contributing to this index: yearling weight (gain), carcass weight and dry-matter intake.

Grid Value (\$G) – expressed in dollars per carcass, to predict profitability differences in progeny due to genetics for carcass grid merit compared to progeny of other sires. The underlying objective assumes producers will market cattle on an above–industry–average carcass grid. Traits included in the index are: carcass weight, marbling, ribeye area, and fat.

Beef Value (\$B) – expressed in dollars per carcass, to predict profitability differences in progeny due to genetics for postweaning and carcass traits. This terminal index assumes commercial producers wean all male and female progeny, retain ownership of these animals through the feedlot phase and market these animals on a carcass grid. Traits included in the index are: yearling weight, dry-matter intake, marbling, carcass weight, ribeye area and fat.

Angus-On-Dairy \$Value Indexes

These values are terminal crossbreeding indexes to estimate how future beef-on-dairy progeny of each Angus sire are expected to perform, on average, compared to beef-on-dairy progeny of other Angus sires if the sires were randomly mated and beef-on-dairy calves were exposed to the same environment. These terminal indexes are expressed in dollars per head, to predict profitability differences in progeny due to genetic traits weight by appropriated economics of each Angus sire when mated to Holstein or Jersey females.

Angus-On-Holstein (\$AxH) - The underlying breeding objective assumes Angus bulls will be mated to Holstein females to produce Angus-dairy crossbred calves to be fed and marketed on a quality-based grid. Traits included are: calving ease, growth from birth through the feeding phase, feed intake, dressing percent, yield grade, quality grade, muscling, and height.

Angus-On-Jersey (\$AxJ) – The underlying breeding objective assumes Angus bulls will be mated to Jersey females to produce Angus-dairy crossbred calves to be fed and marketed on a quality-based grid. Traits included are: calving ease, growth from birth through the feeding phase, feed intake, dressing percent, yield grade, quality grade, and muscling.



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