Lanark Angus

Registered Angus Bulls

& yearling HBR Heifers

Selling on AuctionsPlus 16 Feb

For inspection at Field Day Mon 6th Feb

or by appointment

176 Airport Rd Wandilo

Ph: Mark & Lynn Fairlie 0428 849 622

www.lanarkangus.com.au

AuctionsPlus


SIRE ASSURED
BY ANGUS AUSTRALIA

SKZ21S7

SKZ21S9

SKZ21S10

SKZ21S15

SKZ21S17

SKZ21S18

SKZ21S19

SKZ21S22

SKZ21S27

SKZ21S33

SKZ21S34

SKZ21S36

SKZ21S37

SKZ21S38

SKZ21S40

SKZ21S41

Lanark Angus Scanning Results

8th Jan 2023

Scanned by:

Max Bowman Livestock Scanning
Accred #1026

Animal ID	Birth Date	Weight	Scrotal (cm)	P8	RIB	EMA (cm)	IMF
S7	2/03/2021	769	39	8	7	119	5.4
S9	5/03/2021	782	41	13	10	121	6.2
S10	5/03/2021	818	39.5	7	6	124	6.3
S15	7/03/2021	768	37.5	7	7	125	5.8
S17	10/03/2021	840	41	7	7	120	5.8
S18	11/03/2021	756	39	6	6	117	4.7
S19	11/03/2021	762	38	10	8	126	5.8
S22	13/03/2021	750	38	9	7	124	4.9
S27	19/03/2021	728	43.5	8	7	112	5.3
S33	29/03/2021	764	40	8	7	123	5.7
S34	4/04/2021	752	42	9	8	119	5.8
S36	5/04/2021	730	33.5	11	10	118	6.2
S37	6/04/2021	774	39.5	8	7	122	5.3
S38	11/04/2021	770	38.5	8	8	120	5.3
S40	17/04/2021	760	42.5	10	8	117	5.8
S41	21/04/2021	646	45	6	6	124	4.7

EBV Quick Reference for Lanark Angus

Animal Ident		Calving Ease		Birth		Growth				Fertility			Carcase					Other		Structural			Selection Indexes	
		CED	CEM	GL	BW	200	400	600	MCW	Milk	SS	DC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	$A	$A-L
1	[redacted]	+3.3	-1.1	-8.7	+2.6	+34	+64	+75	+48	+19	+0.8	-4.5	+48	+2.7	+2.1	+3.7	+0.2	-0.9	+0.06	+29	+0.84	+0.80	+1.04	$136	$228
2	SKZ21S7	-7.6	-6.3	-4.7	+6.6	+58	+95	+126	+100	+17	+1.7	-2.0	+67	+10.1	-2.6	-2.9	+1.3	+0.5	-0.17	+9	+0.88	+0.78	+1.06	$165	$266
3	SKZ21S9	+2.2	+3.1	-5.6	+4.9	+59	+101	+138	+107	+22	+2.7	-6.9	+87	+6.9	+4.2	+5.2	-0.1	+1.5	+0.32	+25	+0.68	+1.06	+1.06	$253	$417
4	SKZ21S10	-12.2	-3.6	-3.5	+8.4	+59	+112	+147	+130	+21	+2.5	-4.3	+83	+6.9	-3.1	-3.2	+0.4	+2.3	-0.39	+22	+0.84	+0.76	+1.06	$169	$297
5	SKZ21S15	-0.3	+4.7	-3.7	+4.8	+51	+87	+108	+96	+15	+2.4	-4.3	+57	+6.6	-0.4	-1.3	+1.0	-0.1	-0.06	+15	+0.66	+0.74	+0.72	$173	$305
6	SKZ21S17	-5.5	-3.4	+0.6	+6.3	+55	+95	+129	+110	+19	+1.9	-3.3	+75	+5.2	-2.3	-2.6	+0.1	+3.9	-0.06	+20	+0.78	+0.98	+1.18	$177	$299
7	SKZ21S18	+0.4	+1.7	-1.8	+5.1	+57	+98	+122	+105	+12	+2.7	-3.9	+66	+6.7	-1.7	-2.2	+1.3	+0.2	-0.02	+28	+0.72	+0.66	+0.80	$197	$338
8	SKZ21S19	+5.4	+6.3	-2.0	+3.5	+53	+97	+122	+98	+17	+2.6	-7.9	+74	+10.3	+2.2	+3.0	+0.8	+1.7	+0.63	+21	+0.90	+0.90	+0.98	$270	$440
9	SKZ21S22	+1.6	+5.4	-1.0	+3.8	+52	+92	+116	+106	+15	+2.0	-4.1	+70	+7.2	+1.2	+0.1	+1.3	-0.5	-0.26	+22	+0.84	+1.00	+0.88	$187	$334
10	SKZ21S27	+0.7	+0.3	-8.2	+4.3	+53	+91	+119	+114	+21	+3.6	-5.1	+62	+3.4	+0.3	-1.0	+0.8	-0.5	-0.02	+31	+0.96	+1.00	+1.02	$161	$307
11	[redacted]	+2.2	+2.9	-7.9	+4.1	+47	+83	+106	+97	+16	+1.7	-4.9	+60	+5.3	+0.4	-0.1	+0.9	+0.4	+0.02	+29	+0.92	+0.92	+0.88	$175	$313
12	SKZ21S33	-13.2	-9.7	-2.4	+9.4	+66	+119	+154	+148	+14	+2.2	-3.4	+88	+7.1	-4.5	-5.0	+1.8	-1.5	-0.33	+16	+0.98	+1.04	+0.84	$145	$274
13	SKZ21S34	-2.9	-2.6	-4.5	+5.0	+53	+91	+118	+101	+22	+3.2	-6.9	+68	+5.3	-1.1	-1.1	+0.8	+0.5	+0.12	+31	+0.30	+0.88	+1.02	$189	$323
14	SKZ21S36	+1.8	+4.4	-6.3	+3.4	+52	+86	+105	+96	+12	+0.3	-4.8	+64	+6.8	+0.3	-0.1	+1.0	+0.3	-0.04	+19	+0.68	+0.64	+0.90	$196	$335
15	SKZ21S37	-21.0	-6.2	-1.7	+9.8	+66	+106	+137	+137	+13	+2.1	-5.0	+72	+11.8	-1.8	-2.4	+1.5	+0.5	-0.16	+25	+1.04	+1.24	+1.10	$155	$259
16	SKZ21S38	-1.9	+1.1	-7.1	+6.3	+67	+118	+161	+177	+14	+1.7	-3.9	+91	+8.1	-1.3	-2.9	+1.3	+0.3	+0.04	+26	+1.18	+1.14	+1.14	$193	$385
17	SKZ21S40	-2.3	+1.6	-1.8	+4.7	+49	+82	+104	+95	+12	+1.6	-5.8	+59	+8.1	+1.4	+0.6	+1.3	+1.6	+0.44	+25	+0.66	+0.94	+1.04	$205	$335
18	SKZ21S41	-3.9	-5.5	-2.3	+5.6	+54	+100	+126	+117	+16	+4.0	-4.1	+81	-0.3	-0.6	+0.0	+0.2	-0.4	-0.05	+15	+0.84	+0.78	+0.94	$138	$272
TACE TransTasman Angus Cattle Evaluation		CED	CEM	GL	BW	200	400	600	MCW	Milk	SS	DC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Claw	Angle	Leg	$A	$A-L
		+2.3	+2.7	-4.8	+4.1	+50	+90	+117	+101	+17	+2.1	-4.6	+66	+6.4	-0.1	-0.3	+0.5	+2.2	+0.19	+21	+0.85	+0.97	+1.03	+197	+340

Lot 1 — LANARK SEXY BEAST S4 [SV] — HBR

Ident: SKZ21S4 **DOB:** 27/02/2021 **Mating Type:** AI

HF KODIAK 5R [PV]
HF TIGER 5T [#]
HF ECHO 84R [#]
Sire: SKZH10 LANARK TIGER H10 [SV]
TC FREEDOM 104 [#]
HF MISS BLACKCAP 27R [#]
HF MISS BLACKCAP 50N [#]
K C F BENNETT PERFORMER [#]
LANARK PERFORMER M10 [SV]
VERMONT COPPER E156 [SV]
Dam: SKZP26 LANARK PAULA P26 [#]
GRALUNGA ZERO Z21[illegible]
GRALUNGA SELENA C39[illegible]
GRALUNGA SE[illegible]NA [illegible]35 [#]

Selection Indexes	
$[illegible]	$A-L
$136	$228
94	97

AMFU,CAFU,DDC,NHFU

Traits Observed: *GL, BWT, 200WT, DOC, Genomics*

WITHDRAWN

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+3.3**	**+1.1**	**-8.[illegible]**	**+2.6**	**+34**	**+64**	**+75**	**+48**	**+19**	**+0.8**	**-4.5**
Acc	*50%*	*40%*	*80%*	*69%*	*68%*	*65%*	*66%*	*63%*	*56%*	*60%*	*32%*
Perc	46	85	6	20	97	98	99	99	35	91	54
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+4[illegible]**	**+2.7**	**+2.1**	**+3.7**	**+0.2**	**-0.9**	**+0.06**	**+29**	**+0.84**	**+0.80**	**+1.04**
Acc	*[illegible]6%*	*55%*	*57%*	*57%*	*51%*	*60%*	*46%*	*37%*	*60%*	*60%*	*54%*
Perc	[illegible]3	89	10	3	66	99	34	15	47	13	51

Comments:

Purchaser: ..... **$** .....

Lot 2 — LANARK SKUFF S7 [SV] — HBR

Ident: SKZ21S7 **DOB:** 02/03/2021 **Mating Type:** AI

BT CROSSOVER 758N [#]
SILVEIRAS CONVERSION 8064 [#]
EXG SARAS DREAM S609 R3 [#]
Sire: USA17803074 BYERGO BLACK MAGIC 3348 [PV]
BYERGO PICASSO [#]
BYERGO ELIA CUPCAKE 5900 [#]
BYERGO MISS CUPCAKE 3600 [#]
VERMONT NEUTRON X306 [PV]
VERMONT NEUTRON D171 [SV]
VERMONT CHAMPAGNE Z146 [SV]
Dam: SKZJ10 LANARK SATURN J10 [#]
LAWSONS DINKY-DI Z191 [SV]
LANARK SATURN E8 [#]
KENNY'S CREEK SATURN C17 [#]

Selection Indexes	
$A	$A-L
$165	**$266**
83	91

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, BWT, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-7.6**	**-6.3**	**-4.7**	**+6.6**	**+58**	**+95**	**+126**	**+100**	**+17**	**+1.7**	**-2.0**
Acc	*54%*	*44%*	*81%*	*72%*	*72%*	*70%*	*70%*	*67%*	*62%*	*65%*	*35%*
Perc	96	98	51	93	17	38	31	52	50	65	96
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+67**	**+10.1**	**-2.6**	**-2.9**	**+1.3**	**+0.5**	**-0.17**	**+9**	**+0.88**	**+0.78**	**+1.06**
Acc	*61%*	*60%*	*62%*	*61%*	*55%*	*64%*	*48%*	*46%*	*66%*	*66%*	*59%*
Perc	47	12	94	89	8	90	12	94	56	10	58

Comments:

Purchaser: ..... **$** .....

Lot 3 — LANARK SAMBUCCA S9 [SV] — HBR

Ident: SKZ21S9 **DOB:** 05/03/2021 **Mating Type:** AI

C A FUTURE DIRECTION 5321 #
BASIN FRANCHISE P142 #
BASIN CHLOE 812L #
Sire: USA16198796 EF COMPLEMENT 8088 [PV]
BR MIDLAND #
EF EVERELDA ENTENSE 6117 #
H F EVERELDA ENTENSE 869 #
TE MANIA BERKLEY B1 [PV]
PATHFINDER GENESIS G357 [PV]
PATHFINDER DIRECTION D245 [SV]
Dam: SKZQ22 LANARK EDWINA Q22 #
MILWILLAH GATSBY G279 [PV]
LANARK EDWINA M12 #
LANARK EDWINA E10 #

Selection Indexes	
$A	$A-L
$253	**$417**
5	6

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, BWT, 200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+2.2**	**+3.1**	**-5.6**	**+4.9**	**+59**	**+101**	**+138**	**+107**	**+22**	**+2.7**	**-6.9**
Acc	*64%*	*58%*	*81%*	*71%*	*73%*	*71%*	*71%*	*70%*	*66%*	*69%*	*52%*
Perc	56	50	36	69	14	21	13	38	15	26	6
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+87**	**+6.9**	**+4.2**	**+5.2**	**-0.1**	**+1.5**	**+0.32**	**+25**	**+0.68**	**+1.06**	**+1.06**
Acc	*65%*	*65%*	*66%*	*66%*	*62%*	*68%*	*60%*	*58%*	*70%*	*70%*	*68%*
Perc	6	41	1	1	82	68	68	28	17	70	58

Comments:

Purchaser: ..... **$** .....

Lot 4 — LANARK SORCERER S10 [SV] — HBR

Ident: SKZ21S10 **DOB:** 05/03/2021 **Mating Type:** AI

BT CROSSOVER 758N #
SILVEIRAS CONVERSION 8064 #
EXG SARAS DREAM S609 R3 #
Sire: USA17803074 BYERGO BLACK MAGIC 3348 [PV]
BYERGO PICASSO #
BYERGO ELIA CUPCAKE 5900 #
BYERGO MISS CUPCAKE 3600 #
S A F CONNECTION #
SYDGEN C C & 7 #
SYDGEN FOREVER LADY 4087 #
Dam: SKZL16 LANARK ESTER L16 #
BT EQUATOR 395M #
VERMONT ESTER D041 #
VERMONT ESTER A249 #

Selection Indexes	
$A	$A-L
$169	**$297**
81	82

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, BWT, 200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-12.2**	**-3.6**	**-3.5**	**+8.4**	**+59**	**+112**	**+147**	**+130**	**+21**	**+2.5**	**-4.3**
Acc	*55%*	*46%*	*80%*	*71%*	*72%*	*70%*	*69%*	*67%*	*62%*	*66%*	*37%*
Perc	99	94	71	99	14	6	6	11	20	33	60
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+83**	**+6.9**	**-3.1**	**-3.2**	**+0.4**	**+2.3**	**-0.39**	**+22**	**+0.84**	**+0.76**	**+1.06**
Acc	*62%*	*61%*	*62%*	*61%*	*55%*	*65%*	*50%*	*47%*	*70%*	*70%*	*63%*
Perc	9	41	97	92	54	44	3	38	47	8	58

Comments:

Purchaser: ..... **$** .....

Lot 5 — LANARK BELIEVE S15 SV — HBR

Ident: SKZ21S15 **DOB:** 07/03/2021 **Mating Type:** AI

YOUNG DALE KNOCKOUT 134U #
YOUNG DALE XCALIBER 32X PV
BROOKMORE TIBBIE 222T #
Sire: CAN18315953 YOUNG DALE BELIEVE 46B SV
YOUNG DALE PANARAMA 66T #
YOUNG DALE GRACE 126Z #
YOUNG DALE GRACE 19T #
HYLINE RIGHT TIME 338 #
K C F BENNETT PERFORMER #
K C F MISS 589 L182 #
Dam: SKZM2 LANARK MISS BLACKCAP M2 #
HF TIGER 5T #
LANARK MISS BLACKCAP J2 #
HF MISS BLACKCAP 27R #

Selection Indexes	
$A	$A-L
$173	**$305**
78	78

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, BWT, 200WT, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-0.3**	**+4.7**	**-3.7**	**+4.8**	**+51**	**+87**	**+108**	**+96**	**+15**	**+2.4**	**-4.3**
Acc	*52%*	*42%*	*79%*	*70%*	*70%*	*67%*	*67%*	*65%*	*60%*	*64%*	*35%*
Perc	74	32	68	66	47	60	70	59	70	36	60
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+57**	**+6.6**	**-0.4**	**-1.3**	**+1.0**	**-0.1**	**-0.06**	**+15**	**+0.66**	**+0.74**	**+0.72**
Acc	*60%*	*59%*	*60%*	*59%*	*53%*	*63%*	*47%*	*36%*	*63%*	*63%*	*56%*
Perc	77	45	57	68	18	97	20	74	14	7	1

Comments:

Purchaser: ..... **$** .....

Lot 6 — LANARK SUPERNATURAL S17 SV — HBR

Ident: SKZ21S17 **DOB:** 10/03/2021 **Mating Type:** AI

BT CROSSOVER 758N #
SILVEIRAS CONVERSION 8064 #
EXG SARAS DREAM S609 R3 #
Sire: USA17803074 BYERGO BLACK MAGIC 3348 PV
BYERGO PICASSO #
BYERGO ELIA CUPCAKE 5900 #
BYERGO MISS CUPCAKE 3600 #
BOOROOMOOKA UNDERTAKEN Y145 PV
RENNYLEA EDMUND E11 PV
LAWSONS HENRY VIII Y5 SV
Dam: SKZN23 LANARK WILCOOLA N23 #
REMITALL SIZZLER 580S #
LANARK WILCOOLA G5 #
ALPINE WILCOOLA A60 #

Selection Indexes	
$A	$A-L
$177	**$299**
74	81

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, 200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-5.5**	**-3.4**	**+0.6**	**+6.3**	**+55**	**+95**	**+129**	**+110**	**+19**	**+1.9**	**-3.3**
Acc	*55%*	*46%*	*80%*	*71%*	*71%*	*69%*	*69%*	*66%*	*61%*	*65%*	*39%*
Perc	94	94	99	90	29	35	26	33	38	57	84
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+75**	**+5.2**	**-2.3**	**-2.6**	**+0.1**	**+3.9**	**-0.06**	**+20**	**+0.78**	**+0.98**	**+1.18**
Acc	*61%*	*60%*	*61%*	*61%*	*55%*	*64%*	*50%*	*47%*	*70%*	*70%*	*65%*
Perc	26	64	92	86	72	12	20	47	34	51	88

Comments:

Purchaser: ..... **$** .....

Lot 7 — LANARK BEASTMODE S18 [SV] — HBR

Ident: SKZ21S18 **DOB:** 11/03/2021 **Mating Type:** AI

C R A BEXTOR 872 5205 608 [#]
G A R PROPHET [SV]
G A R OBJECTIVE 1885 [#]
Sire: USA17960722 BALDRIDGE BEAST MODE B074 [PV]
STYLES UPGRADE J59 [#]
BALDRIDGE ISABEL Y69 [#]
BALDRIDGE ISABEL T935 [#]
YOUNG DALE XCALIBER 32X [PV]
YOUNG DALE BELIEVE 46B [SV]
YOUNG DALE GRACE 126Z [#]
Dam: SKZP6 LANARK MISS BLACKCAP P6 [#]
HF TIGER 5T [#]
LANARK MISS BLACKCAP J2 [#]
HF MISS BLACKCAP 27R [#]

Selection Indexes	
$A	$A-L
$197	**$338**
55	57

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, 200WT, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+0.4**	**+1.7**	**-1.8**	**+5.1**	**+57**	**+98**	**+122**	**+105**	**+12**	**+2.7**	**-3.9**
Acc	*61%*	*52%*	*81%*	*71%*	*72%*	*70%*	*70%*	*68%*	*64%*	*67%*	*41%*
Perc	70	64	89	73	20	28	39	43	89	26	71
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+66**	**+6.7**	**-1.7**	**-2.2**	**+1.3**	**+0.2**	**-0.02**	**+28**	**+0.72**	**+0.66**	**+0.80**
Acc	*63%*	*62%*	*63%*	*63%*	*58%*	*65%*	*52%*	*53%*	*68%*	*68%*	*65%*
Perc	50	44	84	82	8	94	24	19	23	3	3

Comments:

Purchaser: ..... **$** .....

Lot 8 — LANARK SIDEKICK S19 [SV] — HBR

Ident: SKZ21S19 **DOB:** 11/03/2021 **Mating Type:** AI

C A FUTURE DIRECTION 5321 [#]
BASIN FRANCHISE P142 [#]
BASIN CHLOE 812L [#]
Sire: USA16198796 EF COMPLEMENT 8088 [PV]
BR MIDLAND [#]
EF EVERELDA ENTENSE 6117 [#]
H F EVERELDA ENTENSE 869 [#]
TE MANIA BERKLEY B1 [PV]
PATHFINDER GENESIS G357 [PV]
PATHFINDER DIRECTION D245 [SV]
Dam: SKZQ4 LANARK SATURN Q4 [#]
VERMONT NEUTRON D171 [SV]
LANARK SATURN J10 [#]
LANARK SATURN E8 [#]

Selection Indexes	
$A	$A-L
$270	**$440**
2	2

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+5.4**	**+6.3**	**-2.0**	**+3.5**	**+53**	**+97**	**+122**	**+98**	**+17**	**+2.6**	**-7.9**
Acc	*64%*	*58%*	*81%*	*72%*	*73%*	*71%*	*72%*	*70%*	*66%*	*69%*	*52%*
Perc	27	17	88	36	36	30	41	55	48	29	1
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+74**	**+10.3**	**+2.2**	**+3.0**	**+0.8**	**+1.7**	**+0.63**	**+21**	**+0.90**	**+0.90**	**+0.98**
Acc	*65%*	*65%*	*66%*	*66%*	*62%*	*67%*	*60%*	*58%*	*70%*	*70%*	*68%*
Perc	27	11	9	6	28	62	93	42	60	31	31

Comments:

Purchaser: ..... **$** .....

Lot 9 — LANARK STUNNER S22 [SV] — HBR

Ident: SKZ21S22 **DOB:** 13/03/2021 **Mating Type:** AI

CONNEALY CAPITALIST 028 [#]
LD CAPITALIST 316 [PV]
LD DIXIE ERICA 2053 [#]
Sire: USA18467508 MUSGRAVE 316 STUNNER [PV]
MCATL PURE PRODUCT 903-55 [SV]
MCATL BLACKBIRD 831-1378 [#]
MCATL BLACKBIRD 1378-573 [#]
YOUNG DALE XCALIBER 32X [PV]
YOUNG DALE BELIEVE 46B [SV]
YOUNG DALE GRACE 126Z [#]
Dam: SKZP16 LANARK ROSEBUD P16 [#]
VERMONT DREAMLINE B107 [PV]
VERMONT ROSEBUD E054 [SV]
VERMONT PURE HOPE Y229 [#]

Selection Indexes	
$A	$A-L
$187	**$334**
65	60

AMFU,CAFU,DDFU,NHFU

Traits Observed: *GL, 200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+1.6**	**+5.4**	**-1.0**	**+3.8**	**+52**	**+92**	**+116**	**+106**	**+15**	**+2.0**	**-4.1**
Acc	*59%*	*47%*	*81%*	*71%*	*72%*	*70%*	*70%*	*68%*	*63%*	*67%*	*36%*
Perc	61	25	94	43	40	46	53	40	67	53	66
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+70**	**+7.2**	**+1.2**	**+0.1**	**+1.3**	**-0.5**	**-0.26**	**+22**	**+0.84**	**+1.00**	**+0.88**
Acc	*62%*	*61%*	*62%*	*62%*	*56%*	*65%*	*49%*	*51%*	*67%*	*67%*	*61%*
Perc	38	38	21	41	8	99	7	41	47	56	9

Comments:

Purchaser: ..... **$** .....

Lot 10 — LANARK SOUTHERN CROSS S27 [SV] — HBR

Ident: SKZ21S27 **DOB:** 19/03/2021 **Mating Type:** Natural

S A V PIONEER 7301 [#]
S A V PEDIGREE 4834 [#]
S A V BLACKCAP MAY 4136 [#]
Sire: SKZP41 LANARK PEDIGREE P41 [DV]
GUMBO GULCH CREED 94S [PV]
DMM MISS ESSENCE 14Y [#]
DMM MISS ESSENCE 37T [#]
LANARK DIONYSIS D01 [SV]
LANARK GREEK GOD G6 [#]
LANARK WILCOOLA E3 [#]
Dam: SKZK15 LANARK BLACKBIRD K15 [#]
THE GRANGE ARCHIMEDES A204 [PV]
THE GRANGE PFREDBIRD E75 [#]
THE GRANGE PFREDBIRD B133 [#]

Selection Indexes	
$A	$A-L
$161	**$307**
85	77

AMFU,CAFU,DDFU,NHFU

Traits Observed: *200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+0.7**	**+0.3**	**-8.2**	**+4.3**	**+53**	**+91**	**+119**	**+114**	**+21**	**+3.6**	**-5.1**
Acc	*48%*	*37%*	*66%*	*67%*	*69%*	*65%*	*66%*	*63%*	*56%*	*61%*	*29%*
Perc	68	76	8	55	35	49	47	27	18	8	36
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+62**	**+3.4**	**+0.3**	**-1.0**	**+0.8**	**-0.5**	**-0.02**	**+31**	**+0.96**	**+1.00**	**+1.02**
Acc	*56%*	*54%*	*56%*	*56%*	*48%*	*59%*	*45%*	*33%*	*59%*	*59%*	*53%*
Perc	65	84	40	63	28	99	24	12	72	56	44

Comments:

Purchaser: ..... **$** .....

Lot 11 LANARK SMOKING HOT S32 [SV] HBR

Ident: SKZ21S32 **DOB:** 29/03/2021 **Mating Type:** Natural

S A V PIONEER 7301 [#]
S A V PEDIGREE 4834 [#]
S A V BLACKCAP MAY 4136 [#]
Sire: SKZP41 LANARK PEDIGREE P41 [DV]
GUMBO GULCH CREED 94S [PV]
DMM MISS ESSENCE 14Y [#]
DMM MISS ESSENCE 37T [#]
CONNEALY CONSENSUS 7229 [SV]
LANARK CONCENSUS H8 [SV]
WILBAR RUBY 955N [#]
Dam: SKZM6 LANARK BLACKBIRD M6 [#]
LANARK GREEK GOD G6
LANARK BLACKBIRD K15 [#]
THE GRANGE FERED[illegible]RD [illegible]75 [#]

Selection Indexes	
$A	$A-L
$[illegible]5	$3[illegible]
	74

A[illegible]U,CAFU,DDFU,NHFU

Traits Observed: *Genomics*

WITHDRAWN

TACE	Mid [illegible]uary 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CE[illegible]rs	[illegible]L	[illegible]W	200	400	600	MCW	Milk	SS	DC
EBVs	**+2.3**	**+2.[illegible]**	**-[illegible]**	**+4.1**	**+47**	**+83**	**+106**	**+97**	**+16**	**+1.7**	**-4.9**
Acc	*4[illegible]*	*[illegible]7%*	*65%*	*67%*	*68%*	*65%*	*66%*	*63%*	*55%*	*60%*	*29%*
Perc	5[illegible]	[illegible]2	10	50	66	72	76	57	58	65	42
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+6[illegible]**	**+5.3**	**+0.4**	**-0.1**	**+0.9**	**+0.4**	**+0.02**	**+29**	**+0.92**	**+0.92**	**+0.88**
Acc	*56%*	*54%*	*56%*	*56%*	*49%*	*60%*	*45%*	*30%*	*59%*	*59%*	*51%*
Perc	69	63	37	45	22	91	29	15	64	36	9

Comments:

Purchaser: ..... **$** .....

Lot 12 LANARK SCOTCH FILLET S33 [SV] HBR

Ident: SKZ21S33 **DOB:** 29/03/2021 **Mating Type:** Natural

REMITALL H RACHIS 21R [#]
NORTHERN VIEW SMW GUSTOV 3Z [SV]
ISLA BANK NEONIA 27S [#]
Sire: SKZP42 LANARK GUSTOV P42 [SV]
GUMBO GULCH CREED 94S [PV]
DMM MISS ESSENCE 61W [#]
DMM MISS DYNA ESSENCE 7M [#]
BASIN FRANCHISE P142 [#]
EF COMPLEMENT 8088 [PV]
EF EVERELDA ENTENSE 6117 [#]
Dam: SKZQ9 LANARK MISS BLACKCAP Q9 [#]
BT RIGHT TIME 24J [#]
LANARK MISS BLACKCAP L2 [#]
LANARK MISS BLACKCAP J2 [#]

Selection Indexes	
$A	$A-L
$145	**$274**
92	89

AMFU,CAFU,DDFU,NHFU

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-13.2**	**-9.7**	**-2.4**	**+9.4**	**+66**	**+119**	**+154**	**+148**	**+14**	**+2.2**	**-3.4**
Acc	*53%*	*43%*	*68%*	*68%*	*70%*	*66%*	*67%*	*64%*	*57%*	*62%*	*35%*
Perc	99	99	84	99	4	2	3	3	79	44	82
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+88**	**+7.1**	**-4.5**	**-5.0**	**+1.8**	**-1.5**	**-0.33**	**+16**	**+0.98**	**+1.04**	**+0.84**
Acc	*58%*	*56%*	*58%*	*58%*	*51%*	*61%*	*48%*	*38%*	*59%*	*59%*	*53%*
Perc	5	39	99	99	2	99	5	73	75	65	5

Comments:

Purchaser: ..... **$** .....

Lot 13 LANARK SUPREME S34 [SV] HBR

Ident: SKZ21S34 **DOB:** 04/04/2021 **Mating Type:** Natural

S A V PIONEER 7301 [#]
S A V PEDIGREE 4834 [#]
S A V BLACKCAP MAY 4136 [#]
Sire: SKZP41 LANARK PEDIGREE P41 [DV]
GUMBO GULCH CREED 94S [PV]
DMM MISS ESSENCE 14Y [#]
DMM MISS ESSENCE 37T [#]
ARDROSSAN EQUATOR A241 [PV]
LANARK EQUATOR H4 [SV]
ALPINE WILCOOLA A60 [#]
Dam: SKZM26 LANARK COPPER M26 [#]
HOOVER DAM [#]
LANARK COPPER J6 [#]
VERMONT COPPER E156 [SV]

Selection Indexes	
$A	$A-L
$189	**$323**
63	68

AMFU,CAFU,DDFU,NHFU

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-2.9**	**-2.6**	**-4.5**	**+5.0**	**+53**	**+91**	**+118**	**+101**	**+22**	**+3.2**	**-6.9**
Acc	*48%*	*38%*	*64%*	*66%*	*68%*	*65%*	*65%*	*62%*	*54%*	*60%*	*30%*
Perc	87	91	54	71	37	49	49	50	16	14	6
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+68**	**+5.3**	**-1.1**	**-1.1**	**+0.8**	**+0.5**	**+0.12**	**+31**	**+0.30**	**+0.88**	**+1.02**
Acc	*55%*	*54%*	*56%*	*56%*	*48%*	*59%*	*45%*	*33%*	*59%*	*59%*	*54%*
Perc	44	63	74	64	28	90	41	13	1	27	44

Comments:

Purchaser: ..... **$** .....

Lot 14 LANARK SCOTCH & DRY S36 [SV] HBR

Ident: SKZ21S36 **DOB:** 05/04/2021 **Mating Type:** Natural

S A V PIONEER 7301 [#]
S A V PEDIGREE 4834 [#]
S A V BLACKCAP MAY 4136 [#]
Sire: SKZP41 LANARK PEDIGREE P41 [DV]
GUMBO GULCH CREED 94S [PV]
DMM MISS ESSENCE 14Y [#]
DMM MISS ESSENCE 37T [#]
YOUNG DALE XCALIBER 32X [PV]
YOUNG DALE BELIEVE 46B [SV]
YOUNG DALE GRACE 126Z [#]
Dam: SKZP27 LANARK SATURN P27 [#]
LAWSONS DINKY-DI Z191 [SV]
LANARK SATURN E8 [#]
KENNY'S CREEK SATURN C17 [#]

Selection Indexes	
$A	$A-L
$196	**$335**
55	59

AMFU,CAFU,DDFU,NHFU

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+1.8**	**+4.4**	**-6.3**	**+3.4**	**+52**	**+86**	**+105**	**+96**	**+12**	**+0.3**	**-4.8**
Acc	*48%*	*37%*	*67%*	*66%*	*67%*	*64%*	*64%*	*62%*	*54%*	*59%*	*29%*
Perc	59	36	25	34	43	64	76	58	89	97	45
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+64**	**+6.8**	**+0.3**	**-0.1**	**+1.0**	**+0.3**	**-0.04**	**+19**	**+0.68**	**+0.64**	**+0.90**
Acc	*55%*	*54%*	*56%*	*55%*	*48%*	*59%*	*44%*	*31%*	*60%*	*60%*	*53%*
Perc	58	43	40	45	18	93	22	54	17	2	12

Comments:

Purchaser: ..... **$** .....

Lot 15 LANARK SONIC BOOM S37 [SV] HBR

Ident: SKZ21S37 **DOB:** 06/04/2021 **Mating Type:** Natural

S A V PIONEER 7301 [#]
S A V PEDIGREE 4834 [#]
S A V BLACKCAP MAY 4136 [#]
Sire: SKZP41 LANARK PEDIGREE P41 [DV]
GUMBO GULCH CREED 94S [PV]
DMM MISS ESSENCE 14Y [#]
DMM MISS ESSENCE 37T [#]
LEACHMAN RIGHT TIME [SV]
BT RIGHT TIME 24J [#]
SITZ EVERELDA ENTENSE 1905 [#]
Dam: SKZL3 LANARK EDWINA L3 [#]
HOOVER DAM [#]
LANARK EDWINA J11 [#]
ALPINE EDWINA A6 [PV]

Selection Indexes	
$A	$A-L
$155	**$259**
88	93

AMFU,CAFU,DDFU,NHFU

Traits Observed: *200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-21.0**	**-6.2**	**-1.7**	**+9.8**	**+66**	**+106**	**+137**	**+137**	**+13**	**+2.1**	**-5.0**
Acc	*52%*	*43%*	*68%*	*68%*	*69%*	*67%*	*67%*	*65%*	*59%*	*63%*	*36%*
Perc	99	98	90	99	3	12	14	7	82	49	39
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+72**	**+11.8**	**-1.8**	**-2.4**	**+1.5**	**+0.5**	**-0.16**	**+25**	**+1.04**	**+1.24**	**+1.10**
Acc	*58%*	*57%*	*59%*	*59%*	*52%*	*62%*	*49%*	*40%*	*60%*	*60%*	*54%*
Perc	32	5	86	84	5	90	12	27	84	94	70

Comments:

Purchaser: ..... **$** .....

Lot 16 LANARK SPARTACUS S38 [SV] HBR

Ident: SKZ21S38 **DOB:** 11/04/2021 **Mating Type:** Natural

S A V PIONEER 7301 [#]
S A V PEDIGREE 4834 [#]
S A V BLACKCAP MAY 4136 [#]
Sire: SKZP41 LANARK PEDIGREE P41 [DV]
GUMBO GULCH CREED 94S [PV]
DMM MISS ESSENCE 14Y [#]
DMM MISS ESSENCE 37T [#]
MILLAH MURRAH EQUATOR D78 [PV]
AYRVALE JAGGER J12 [PV]
AYRVALE EASE E3 [PV]
Dam: SJKP129 GRANITE RIDGE QUIET P129 [#]
TUWHARETOA REGENT D145 [PV]
GRANITE RIDGE QUIET L148 [#]
GRANITE RIDGE QUIET G100 [#]

Selection Indexes	
$A	$A-L
$193	**$385**
59	20

AMFU,CAFU,DDFU,NHFU

Traits Observed: *200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-1.9**	**+1.1**	**-7.1**	**+6.3**	**+67**	**+118**	**+161**	**+177**	**+14**	**+1.7**	**-3.9**
Acc	*50%*	*39%*	*68%*	*67%*	*68%*	*66%*	*66%*	*63%*	*56%*	*61%*	*31%*
Perc	83	70	16	90	3	2	2	1	74	65	71
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+91**	**+8.1**	**-1.3**	**-2.9**	**+1.3**	**+0.3**	**+0.04**	**+26**	**+1.18**	**+1.14**	**+1.14**
Acc	*56%*	*55%*	*56%*	*56%*	*49%*	*59%*	*45%*	*34%*	*61%*	*61%*	*56%*
Perc	3	28	78	89	8	93	31	23	96	84	80

Comments:

Purchaser: ..... **$** .....

Lot 17 LANARK SUPERSONIC S40 SV HBR

Ident: SKZ21S40 **DOB:** 17/04/2021 **Mating Type:** Natural

S A V PIONEER 7301 #
S A V PEDIGREE 4834 #
S A V BLACKCAP MAY 4136 #
Sire: SKZP41 LANARK PEDIGREE P41 DV
GUMBO GULCH CREED 94S PV
DMM MISS ESSENCE 14Y #
DMM MISS ESSENCE 37T #
TUWHARETOA REGENT D145 PV
MILWILLAH GATSBY G279 PV
MILWILLAH LOWAN D112 SV
Dam: SKZM12 LANARK EDWINA M12 #
ROSSANDER TOUCHDOWN B90 SV
LANARK EDWINA E10 #
ALPINE EDWINA A6 PV

Selection Indexes	
$A	$A-L
$205	**$335**
45	59

AMFU,CAFU,DDFU,NHFU

Traits Observed: *200WT, DOC, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-2.3**	**+1.6**	**-1.8**	**+4.7**	**+49**	**+82**	**+104**	**+95**	**+12**	**+1.6**	**-5.8**
Acc	*51%*	*41%*	*67%*	*67%*	*68%*	*65%*	*65%*	*63%*	*56%*	*60%*	*32%*
Perc	84	65	89	64	57	75	79	60	90	69	20
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+59**	**+8.1**	**+1.4**	**+0.6**	**+1.3**	**+1.6**	**+0.44**	**+25**	**+0.66**	**+0.94**	**+1.04**
Acc	*56%*	*55%*	*57%*	*57%*	*50%*	*60%*	*46%*	*38%*	*64%*	*64%*	*59%*
Perc	73	28	18	32	8	65	81	29	14	41	51

Comments:

Purchaser: ..... **$** .....

Lot 18 LANARK SMOOTH & SNEAKY S41 SV HBR

Ident: SKZ21S41 **DOB:** 21/04/2021 **Mating Type:** Natural

REMITALL H RACHIS 21R #
NORTHERN VIEW SMW GUSTOV 3Z SV
ISLA BANK NEONIA 27S #
Sire: SKZP42 LANARK GUSTOV P42 SV
GUMBO GULCH CREED 94S PV
DMM MISS ESSENCE 61W #
DMM MISS DYNA ESSENCE 7M #
HINGAIA 469 #
MILLAH MURRAH TEX K51 PV
MILLAH MURRAH PRUE G89 PV
Dam: SJKP120 GRANITE RIDGE WHISPER P120 #
BROST TRUMP (IMP USA) #
GRANITE RIDGE WHISPER G23 SV
GRANITE RIDGE WHISPER C154 #

Selection Indexes	
$A	$A-L
$138	**$272**
94	90

AMFU,CAFU,DDFU,NHFU

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-3.9**	**-5.5**	**-2.3**	**+5.6**	**+54**	**+100**	**+126**	**+117**	**+16**	**+4.0**	**-4.1**
Acc	*50%*	*38%*	*67%*	*67%*	*68%*	*65%*	*65%*	*62%*	*54%*	*60%*	*30%*
Perc	90	97	85	81	32	24	32	24	57	4	66
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+81**	**-0.3**	**-0.6**	**+0.0**	**+0.2**	**-0.4**	**-0.05**	**+15**	**+0.84**	**+0.78**	**+0.94**
Acc	*56%*	*53%*	*55%*	*55%*	*48%*	*58%*	*44%*	*30%*	*57%*	*57%*	*53%*
Perc	13	99	62	43	66	98	21	74	47	10	20

Comments:

Purchaser: ..... **$** .....

DISCLAIMER AND PRIVACY INFORMATION

Attention Buyer

Animal details included in this catalogue, including but not limited to pedigree, DNA information, Estimated Breeding Values (EBVs) and Index values, are based on information provided by the breeder or owner of the animal. Whilst all reasonable care has been taken to ensure that the information provided in this catalogue was correct at the time of publication, Angus Australia will assume no responsibility for the accuracy or completeness of the information, nor for the outcome (including consequential loss) of any action taken based on this information.

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The animals listed within this catalogue including its pedigree, are displaying a Parent Verification Suffix which indicates the DNA parent verification status that has been conducted on the animal. The Parent Verification Suffixes that will appear at the end of each animal's name.

The suffix displayed at the end of each animal's name indicates the DNA parentage verification that has been conducted by Angus Australia.

PV : both parents have been verified by DNA.

SV : the sire has been verified by DNA.

DV : the dam has been verified by DNA.

: DNA verification has not been conducted.

E : DNA verification has identified that the sire and/or dam may possibly be incorrect, but this cannot be confirmed conclusively.

Privacy Information

In order for Angus Australia to process the transfer of a registered animal in this catalogue, the vendor will need to provide certain information to Angus Australia and the buyer consents to the collection and disclosure of that information by Angus Australia in certain circumstances. If the buyer does not wish for his or her information to be stored and disclosed by Angus Australia, the buyer must complete the form included below and forward it to Angus Australia. If the form is not completed, the buyer will be taken to have consented to the disclosure of such information.

BUYERS OPTION TO OPT OUT OF DISCLOSING PERSONAL INFORMATION TO ANGUS AUSTRALIA

If you do not complete this form, you will be taken to have consented to Angus Australia using your name, address and phone number for the purposes of effecting a change of registration of the animal(s) that you have purchased, maintaining its database and disclosing that information to its members on its website.

I, the buyer of animals with the following idents.....

.....

from member.....(name) do not consent to Angus Australia using my name, address and phone number for the purposes of effecting a change of registration of the animals I have mentioned above that I have purchased, maintaining its database and disclosing that information to its members on its website.

Name: ..... Signature: .....

Date: .....

Please forward this completed consent form to Angus Australia, 86 Glen Innes Road, Armidale NSW 2350.

If you have any questions or queries regarding any of the above, please contact Angus Australia on (02) 6773 4600 or email office@angusaustralia.com.au

Updated 25/11/2020

RECESSIVE GENETIC CONDITIONS

This is information for bull buyers about the recessive genetic conditions, Arthrogryposis Multiplex (AM), Hydrocephalus (NH), Contractural Arachnodactyly (CA) and Developmental Duplications (DD).

Putting undesirable Genetic Recessive Conditions in perspective

All animals, including humans, carry single copies (alleles) of undesirable or "broken" genes. In single copy form, these undesirable alleles usually cause no harm to the individual.

But when animals carry 2 copies of certain undesirable or "broken" alleles it often results in bad consequences. Advances in genomics have facilitated the development of accurate diagnostic tests to enable the identification and management of numerous undesirable or "broken" genes.

Angus Australia is proactive in providing its members and their clients with relevant tools and information to assist them in the management of known undesirable genes and our members are leading the industry in their use of this technology.

What are AM, NH, CA and DD?

AM, NH, CA and DD are all recessive conditions caused by "broken" alleles within the DNA of individual animals. When a calf inherits 2 copies of the AM or NH alleles their development is so adversely affected that they will be still-born.

In other cases, such as CA and DD, calves carrying 2 copies of the broken allele may reach full-term. In such cases the animal may either appear relatively normal, or show physical symptoms that affect their health and/or performance.

How are the conditions inherited?

Research in the U.S. and Australia indicates that AM, NH, CA and DD are simply inherited recessive conditions. This means that a single gene (or pair of alleles) controls the condition.

For this mode of inheritance two copies of the undesirable allele need to be present before the condition is seen; in which case you may get an abnormal calf. A more common example of a trait with a simple recessive pattern of inheritance is black and red coat colour.

Animals with only one copy of the undesirable allele (and one copy of the normal form of the allele) appear normal and are known as "carriers".

What happens when carriers are mated to other animals?

Carriers, will on average, pass the undesirable allele to a random half (50 %) of their progeny.

When a carrier bull and carrier cow is mated, there is a 25% chance that the resultant calf will inherit two normal alleles, a 50% chance that the mating will result in a carrier (i.e. with just 1 copy of the undesirable allele, and a 25% chance that the calf will inherit two copies of the undesirable gene.

If animals tested free of the undesirable gene are mated to carrier animals the condition will not be expressed at all. All calves will appear normal, but approximately half (50%) could be expected to be carriers.

How is the genetic status of animals reported?

DNA-based diagnostic tests have been developed which can be used to determine whether an individual animal is either a carrier or free of the alleles resulting in AM, NH, CA or DD.

Angus Australia uses advanced software to calculate the probability of (untested) animals to being carriers of AM, NH, CA or DD. The software uses the test results of any relatives in the calculations and the probabilities may change as new results for additional animals become available.

The genetic status of animals is being reported using five categories:

AMF	Tested AM free
AMFU	Based on Pedigree AM free - Animal has not been tested
AM_%	_% probability the animal is an AM carrier
AMC	Tested AM-Carrier
AMA	AM-Affected

For NH, CA and DD, simply replace AM in the above table with NH, CA or DD.

Registration certificates and the Angus Australia web-database display these codes. This information is displayed on the animal details page and can be accessed by conducting an "Database Search" from the Angus Australia website or looking up individual animals listed in a sale catalogue.

Implications for Commercial Producers

Your decision on the importance of the genetic condition status of replacement bulls should depend on the genetics of your cow herd (which bulls you previously used) and whether some female progeny will be retained or sold as breeders.

Most Angus breeders are proactive and transparent in managing known genetic conditions, endeavouring to provide the best information available. The greatest risk to the commercial sector from undesirable genetic recessive conditions comes from unregistered bulls with unknown genetic background. The genetic condition testing that Angus Australia seedstock producers are investing in provides buyers of registered Angus bulls with unmatched quality assurance.

For further information contact Angus Australia's Breed Development & Extension Manager on (02) 6773 4618.

BRINGING YOUR NEW BULL HOME

WHEN PURCHASING A BULL, CARE AND HANDLING AFTER THE SALE CAN BE AS IMPORTANT AS THE PURCHASE ITSELF. LOOKING AFTER YOUR BULL WELL DURING THE INITIAL STAGES OF HIS WORKING LIFE MAY ENSURE LONGEVITY AND SUCCESS WITHIN YOUR BREEDING HERD.

PURCHASE

Temperament is an important characteristic when selecting a bull. Selecting a bull that may be flighty or aggressive will make life difficult for you each time he is handled. Note which bulls continually push to the centre of a mob, run around, or are unreasonably nervous, aggressive or excited.

At the sale, note any changes of temperament by individual bulls. Some bulls that are quiet in the yard or paddock may not like the pressure and noise of the auction and become excited. Others that were excited beforehand get much worse in the sale ring and can really perform. Use the yard or paddock behaviour as a guide, rather than the temperament shown in the ring.

DELIVERY

When transporting your new bull insurance against loss in transit, accidental loss of use, or infertility, is sometimes provided by vendors. Where it is not, it is worth considering. After purchase tips:

- When purchasing, ask which health treatments he has received.
- Treat and handle him quietly at all times - no dogs, no buzzers. Talk to him and give him time and room to make up his mind.
- With more than one bull from different origins, you must be able to separate them on the truck.
- Make sure that the truck floor is covered to prevent bulls from slipping. Sand, sawdust or a floor grid will prevent bulls from being damaged by going down in transit.
- If you can arrange it, put a few quiet cows or steers on the truck with the bull. Let them down into a yard with the bulls for a while before loading and after unloading.
- Unload and reload during the trip as little as possible If necessary, rest with water and feed. Treat bulls kindly your impatience or nervousness is easily transmitted to an animal unfamiliar to you and unsure of his environment.

IF YOU USE A PROFESSIONAL CARRIER:

- Make sure the carrier knows which bulls can be mixed together.
- Discuss with the carrier, resting procedures for long trips, expected delivery time, truck condition and quiet handling.
- Give ear tag and brand numbers to the carrier and make sure you have the carrier's phone number.
- If buying bulls from interstate, organise any necessary health tests before leaving and work out if any other requirements must be met before cattle can come into another State.

When buying bulls from far away, you may often have to fit in with other delivery arrangements to reduce cost. You should make it clear how you want your bulls handled.

ARRIVAL

When the bull or bulls arrive home, unload them at the yards into a group of house cows, steers or herd cows. Never jump them from the back of a truck directly into a paddock—it may be the last time you see them. Bulls from different origins should be put into separate yards with other cattle for company.

Provide hay and water, then leave them alone until the next morning .

The next day, bulls should receive routine health treatments. If they have not been treated before, all bulls should be vaccinated with:

- 5-in-1 vaccine;
- vibriosis vaccine;
- leptospirosis vaccine (if in areas like the Hunter where leptospirosis exists);
- three-day sickness vaccine (if in areas where this sickness can cause problems).

Give particular attention to preventing new bulls bringing vibriosis into a herd. Vibriosis, a sexually transmitted disease, causes infertility and abortions and is most commonly introduced to a clean herd by an infected bull. These bulls show no signs of the illness. Vaccinated bulls are free from vibriosis, so vaccinating bulls against the disease should be a routine practice.
Vaccination involves two injections, 4–6 weeks apart, at the time of introduction, and then a booster shot every year. Complete the vaccinations 4 weeks before joining.

BRINGING YOUR NEW BULL HOME

Consult with your veterinarian and draw up a policy for treating bulls on arrival and then annually. Bulls should be drenched to prevent introducing worms and, if necessary, should be treated for lice.

Plan to give follow-up vaccinations 4–6 weeks later. Leave the bulls in the yards for the next day or two on feed and water to allow them to settle down with other stock for company. A bull's behaviour will decide how quickly he can be moved out to paddocks.

MATING NEW YOUNG BULLS

Newly purchased young bulls should not be placed with older herd bulls for multiple-sire joining. The older, dominant bull will not allow the young bulls to work, and will knock them around while keeping them away from the cows.

Use new bulls in either single-sire groups or with young bulls their own age. If a number of young bulls are to be used together, run them together for a few weeks before joining starts. They sort out their pecking order quickly and have few problems later.

When the young bulls are working, inspect them regularly and closely.

MATING NEW YOUNG BULLS

Older working bulls also need special care and attention before mating starts. They should be tested or checked every year for physical soundness, testicle tone, and serving capacity or ability.

All bulls to be used must be free-moving, active and in good condition. Working bulls may need supplementary feeding before the joining season to bring up condition.

DURING MATING

- Check bulls at least twice each week for the first 2 months. Get up close to them and watch each bull walk; check for swellings around the sheath and for lameness.
- Have a spare bull or bulls available to replace any that break down. Replace any suspect bull immediately.
- Rotate bulls in single-sire groups to make sure that any bull infertility is covered. Single-sire joining works well but it has risks. The bulls must be checked regularly and carefully, or the bulls should be rotated every one or two cycles.

Bulls are a large investment for breeding herds and they have a major effect on herd fertility. A little time and attention to make sure they are fit, free from disease and actively working is well worthwhile.

NORTHERN AUSTRALIA

Although the Angus breed originated in a cooler climate, they can adapt to subtropical regions with many straight-bred and cross bred producers finding success in Northern Australia. Some of the following information may also be helpful for new bulls located in more temperate climates.

ADAPTATION

They key to Northern success for Angus is that cattle introduced from the Southern regions of Australia be allowed to adapt to their new environment before commencing their working life. If possible, a break of 3 months is advisable before you set your bull to work.

PURCHASE IN COOLER MONTHS

Ensure your bulls are in good condition before they do commence their working life. The cooler months are an ideal time to purchase and introduce Angus cattle, allowing them plenty of time to acclimatise.

CHANGE OF FEED SOURCE

When inducting Angus cattle into your herd consider their source of feed. Have you taken an animal which has been supplemented on grain straight to a dry pasture? Animals should be gradually changed over to their new feed to ensure they do not lose condition. This may involve using supplements which could include dry lick/urea blocks.

MANAGING CATTLE TICKS

For ticky areas, bulls should be vaccinated prior to transport and given another booster afterwards. Remember males are more susceptible to ticks than females.

Information is provided by the Department of Primary Industries NSW. For further information visit the DPI web site: www.dpi.nsw.gov.au. or www.angusaustralia.com.au. Further reading - Buying Angus Bulls

FOR FURTHER INFORMATION VISIT
www.angusaustralia.com.au

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Email: office@angusaustralia.com.au
Website: www.angusaustralia.com.au

REFERENCE SIRES

RS BALDRIDGE BEAST MODE B074 PV HBR

Ident: USA17960722 **DOB:** 07/02/2014 **Mating Type:** Natural

B A R EXT TRAVELER 205 #
C R A BEXTOR 872 5205 608 #
CRA LADY JAYE 608 498 S EASY #
Sire: USA16295688 G A R PROPHET SV
S S OBJECTIVE T510 0T26 #
G A R OBJECTIVE 1885 #
G A R 1407 NEW DESIGN 2232 #
SITZ UPWARD 307R SV
STYLES UPGRADE J59 #
PLAINVIEW LASSIE 71B #
Dam: USA17149410 BALDRIDGE ISABEL Y69 #
BALDRIDGE KABOOM K243 KCF #
BALDRIDGE ISABEL T935 #
BALDRIDGE ISABEL P4527 #

Selection Indexes	
$A	$A-L
$239	**$422**
11	5

AMFU,CAF,DDF,NHFU,DWF,

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+5.5**	**+6.0**	**-3.5**	**+3.5**	**+75**	**+120**	**+149**	**+134**	**+12**	**+2.8**	**-3.3**
Acc	*96%*	*84%*	*99%*	*99%*	*99%*	*99%*	*99%*	*98%*	*97%*	*99%*	*71%*
Perc	27	19	71	36	1	2	5	8	88	23	84
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+78**	**+3.1**	**-2.1**	**-3.4**	**+0.0**	**+2.4**	**-0.20**	**+33**	**+0.58**	**+0.56**	**+0.76**
Acc	*95%*	*93%*	*94%*	*93%*	*91%*	*93%*	*80%*	*99%*	*99%*	*99%*	*97%*
Perc	18	86	90	93	77	41	10	8	6	1	1

Statistics: Number of Herds: 240, Prog Analysed: 5235, Genomic Prog: 2836

RS BYERGO BLACK MAGIC 3348 PV HBR

Ident: USA17803074 **DOB:** 14/08/2013 **Mating Type:** Natural

C A FUTURE DIRECTION 5321 #
BT CROSSOVER 758N #
BT ROYAL PRIDE 237G #
Sire: USA16262077 SILVEIRAS CONVERSION 8064 #
BR MIDLAND #
EXG SARAS DREAM S609 R3 #
EXAR SARAS DREAM 9809 #
BYERGO SUR GRO 5080 #
BYERGO PICASSO #
BYERGO MISS ELIA 5085 #
Dam: USA15347004 BYERGO ELIA CUPCAKE 5900 #
BON VIEW NEW DESIGN 1407 #
BYERGO MISS CUPCAKE 3600 #
BYERGO CUPCAKE 8900 #

Selection Indexes	
$A	$A-L
$159	**$267**
86	91

AMF,CAF,DDF,NHF,DWF,

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-20.5**	**-15.4**	**+0.1**	**+10.1**	**+73**	**+129**	**+168**	**+145**	**+20**	**+4.1**	**-2.6**
Acc	*70%*	*58%*	*94%*	*93%*	*91%*	*91%*	*88%*	*84%*	*82%*	*84%*	*48%*
Perc	99	99	98	99	1	1	1	4	27	4	92
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+95**	**+9.6**	**-4.5**	**-3.5**	**+0.8**	**+1.6**	**-0.21**	**+5**	**+1.00**	**+0.88**	**+1.24**
Acc	*82%*	*81%*	*79%*	*76%*	*73%*	*82%*	*58%*	*72%*	*96%*	*96%*	*74%*
Perc	2	16	99	94	28	65	9	98	78	27	95

Statistics: Number of Herds: 24, Prog Analysed: 89, Genomic Prog: 50

REFERENCE SIRES

RS — EF COMPLEMENT 8088 PV — HBR

Ident: USA16198796 **DOB:** 18/01/2008 **Mating Type:** Natural

G A R PRECISION 1680 #
C A FUTURE DIRECTION 5321 #
C A MISS POWER FIX 308 #
Sire: USA14686137 BASIN FRANCHISE P142 #
BASIN AMBUSH 3905 #
BASIN CHLOE 812L #
BASIN CHLOE 938F #
TWIN VALLEY PRECISION E161 #
BR MIDLAND #
BR ROYAL LASS 7036-19 #
Dam: USA15452880 EF EVERELDA ENTENSE 6117 #
SVF GDAR 216 LTD #
H F EVERELDA ENTENSE 869 #
BT EVERELDA ENTENSE 76D #

Selection Indexes	
$A	$A-L
$262	**$431**
3	3

AMF,CAF,DDF,NHF,DWF,

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+5.5**	**+9.1**	**-5.2**	**+2.9**	**+53**	**+98**	**+130**	**+96**	**+21**	**+1.3**	**-7.5**
Acc	*98%*	*92%*	*99%*	*99%*	*99%*	*99%*	*99%*	*99%*	*99%*	*99%*	*89%*
Perc	27	3	42	24	38	29	24	59	18	79	3
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+76**	**+7.5**	**+1.2**	**+1.9**	**+0.4**	**+1.8**	**+0.55**	**+22**	**+0.96**	**+1.30**	**+1.16**
Acc	*98%*	*97%*	*97%*	*97%*	*97%*	*97%*	*92%*	*99%*	*99%*	*99%*	*98%*
Perc	21	34	21	14	54	59	89	41	72	97	84

Statistics: Number of Herds: 233, Prog Analysed: 5320, Genomic Prog: 1525

RS — LANARK GUSTOV P42 SV — HBR

Ident: SKZP42 **DOB:** 14/09/2018 **Mating Type:** ET

REMITALL NIGHTHAWK 37N #
REMITALL H RACHIS 21R #
HENDERSON MISSIE 32'02 #
Sire: CAN1681901 NORTHERN VIEW SMW GUSTOV 3Z SV
BLACK RIDGE W WIDESPREAD 2K #
ISLA BANK NEONIA 27S #
ISLA BANK NEONIA 27N #
TC FREEDOM 104 #
GUMBO GULCH CREED 94S PV
CASSIE OF GUMBO GULCH 58M #
Dam: CAN1499127 DMM MISS ESSENCE 61W #
DMM ESSOTERIC 67R #
DMM MISS DYNA ESSENCE 7M #
DMM DYNA MISS 33K #

Selection Indexes	
$A	$A-L
$107	**$201**
99	99

AMF,CAF,DDF,NHF

Traits Observed: *BWT, Scan(EMA, Rib, Rump, IMF), Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-12.6**	**-8.5**	**-1.8**	**+7.1**	**+53**	**+93**	**+116**	**+112**	**+10**	**+2.1**	**-2.3**
Acc	*59%*	*43%*	*69%*	*76%*	*76%*	*73%*	*73%*	*70%*	*63%*	*65%*	*31%*
Perc	99	99	89	96	36	41	53	31	95	49	94
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+72**	**+4.7**	**-2.6**	**-2.4**	**+1.3**	**-0.7**	**+0.05**	**+6**	**+1.00**	**+0.88**	**+0.86**
Acc	*65%*	*60%*	*61%*	*60%*	*54%*	*63%*	*46%*	*47%*	*57%*	*57%*	*51%*
Perc	32	70	94	84	8	99	32	97	78	27	7

Statistics: Number of Herds: 1, Prog Analysed: 32, Genomic Prog: 11

REFERENCE SIRES

RS — LANARK PEDIGREE P41 DV — HBR

Ident: SKZP41 **DOB:** 08/09/2018 **Mating Type:** ET

S A V FINAL ANSWER 0035 #
S A V PIONEER 7301 #
S A V BLACKBIRD 5297 #
Sire: USA17921485 S A V PEDIGREE 4834 #
S A V 8180 TRAVELER 004 #
S A V BLACKCAP MAY 4136 #
S A V MAY 2397 #
TC FREEDOM 104 #
GUMBO GULCH CREED 94S PV
CASSIE OF GUMBO GULCH 58M #
Dam: CAN1639280 DMM MISS ESSENCE 14Y #
NORTHLINE RIPTIDE 130N #
DMM MISS ESSENCE 37T #
DMM BLACKCAP ESSENCE 105R #

Selection Indexes	
$A	$A-L
$164	**$297**
84	81

AMF,CAF,DDF,NHF

Traits Observed: *BWT, Scan(EMA, Rib, Rump, IMF), Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-9.4**	**+3.4**	**-6.1**	**+6.9**	**+60**	**+100**	**+129**	**+131**	**+11**	**+2.0**	**-3.9**
Acc	*54%*	*42%*	*68%*	*72%*	*75%*	*72%*	*71%*	*69%*	*64%*	*65%*	*34%*
Perc	98	46	28	95	11	23	26	10	92	53	71
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+74**	**+9.7**	**-2.3**	**-3.6**	**+2.0**	**-0.9**	**-0.12**	**+30**	**+0.84**	**+0.98**	**+1.04**
Acc	*65%*	*62%*	*62%*	*60%*	*55%*	*65%*	*49%*	*49%*	*65%*	*65%*	*54%*
Perc	28	15	92	94	1	99	15	13	47	51	51

Statistics: Number of Herds: 1, Prog Analysed: 13, Genomic Prog: 8

RS — LANARK TIGER H10 SV — HBR

Ident: SKZH10 **DOB:** 21/08/2012 **Mating Type:** ET

SANDY BAR ADVANTAGE 43M #
HF KODIAK 5R PV
WILBAR RUBY 955N #
Sire: CAN1402252 HF TIGER 5T #
TC FREEDOM 104 #
HF ECHO 84R #
HFDF ECHO 6N #
CONNEALY FOREFRONT #
TC FREEDOM 104 #
T C RUBY 9095 #
Dam: CAN1274292 HF MISS BLACKCAP 27R #
RIVERBEND POWERLINE 0050 #
HF MISS BLACKCAP 50N #
HF MISS BLACKCAP 8G #

Selection Indexes	
$A	$A-L
$144	**$259**
92	93

AMFU,CAFU,DDFU,NHFU

Traits Observed: *BWT, Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**-3.6**	**+1.9**	**-6.4**	**+4.2**	**+43**	**+81**	**+96**	**+85**	**+16**	**+0.5**	**-5.5**
Acc	*65%*	*53%*	*86%*	*81%*	*81%*	*79%*	*78%*	*76%*	*71%*	*71%*	*44%*
Perc	89	62	24	53	83	77	88	76	62	95	26
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+67**	**+2.6**	**+0.9**	**+2.2**	**+0.7**	**-1.6**	**-0.09**	**+29**	**+0.70**	**+0.72**	**+0.98**
Acc	*72%*	*69%*	*71%*	*70%*	*65%*	*71%*	*55%*	*61%*	*61%*	*61%*	*53%*
Perc	50	90	26	11	34	99	17	16	20	5	31

Statistics: Number of Herds: 1, Prog Analysed: 13, Genomic Prog: 3

REFERENCE SIRES

RS MUSGRAVE 316 STUNNER PV HBR

Ident: USA18467508 **DOB:** 19/02/2016 **Mating Type:** Natural

S A V FINAL ANSWER 0035 #
CONNEALY CAPITALIST 028 #
PRIDES PITA OF CONANGA 8821 #

Sire: **USA17666102 LD CAPITALIST 316 PV**

C A FUTURE DIRECTION 5321 #
LD DIXIE ERICA 2053 #
LD DIXIE ERICA OAR 0853 #
CONNEALY FINAL PRODUCT PV
MCATL PURE PRODUCT 903-55 SV
M A ESTA 55-252 #

Dam: **USA16896985 MCATL BLACKBIRD 831-1378 #**

CONNEALY REFLECTION #
MCATL BLACKBIRD 1378-573 #
MA BLACKBIRD 573 #

Selection Indexes	
$A	$A-L
$234	**$390**
15	17

AMF,CAF,DDF,NHF,DWF,

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+4.1**	**+6.8**	**-1.2**	**+2.9**	**+56**	**+104**	**+119**	**+96**	**+20**	**+2.5**	**-4.2**
Acc	*90%*	*75%*	*99%*	*98%*	*98%*	*98%*	*98%*	*96%*	*93%*	*97%*	*57%*
Perc	39	13	93	24	22	16	47	58	30	33	63
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+80**	**+7.8**	**+2.8**	**+2.8**	**+0.4**	**+1.3**	**+0.01**	**+22**	**+0.88**	**+1.00**	**+0.98**
Acc	*91%*	*89%*	*89%*	*88%*	*84%*	*89%*	*69%*	*94%*	*98%*	*98%*	*92%*
Perc	14	31	5	7	54	73	27	40	56	56	31

Statistics: Number of Herds: 104, Prog Analysed: 1245, Genomic Prog: 541

RS YOUNG DALE BELIEVE 46B SV HBR

Ident: CAN18315953 **DOB:** 11/02/2014 **Mating Type:** Natural

LAGRAND MAF ANTIDOTE 5775 #
YOUNG DALE KNOCKOUT 134U #
YOUNG DALE ERICA 26N #

Sire: **CAN1564938 YOUNG DALE XCALIBER 32X PV**

S A V 004 DENSITY 4336 SV
BROOKMORE TIBBIE 222T #
BROOKMORE TIBBIE 35N #
S A V NET WORTH 4200 #
YOUNG DALE PANARAMA 66T #
YOUNG DALE POLLYANNA 22P #

Dam: **CAN1675938 YOUNG DALE GRACE 126Z #**

BUFFALOS CONCLUSIVE BN46 SV
YOUNG DALE GRACE 19T #
YOUNG DALE GRACE 1R #

Selection Indexes	
$A	$A-L
$203	**$364**
48	36

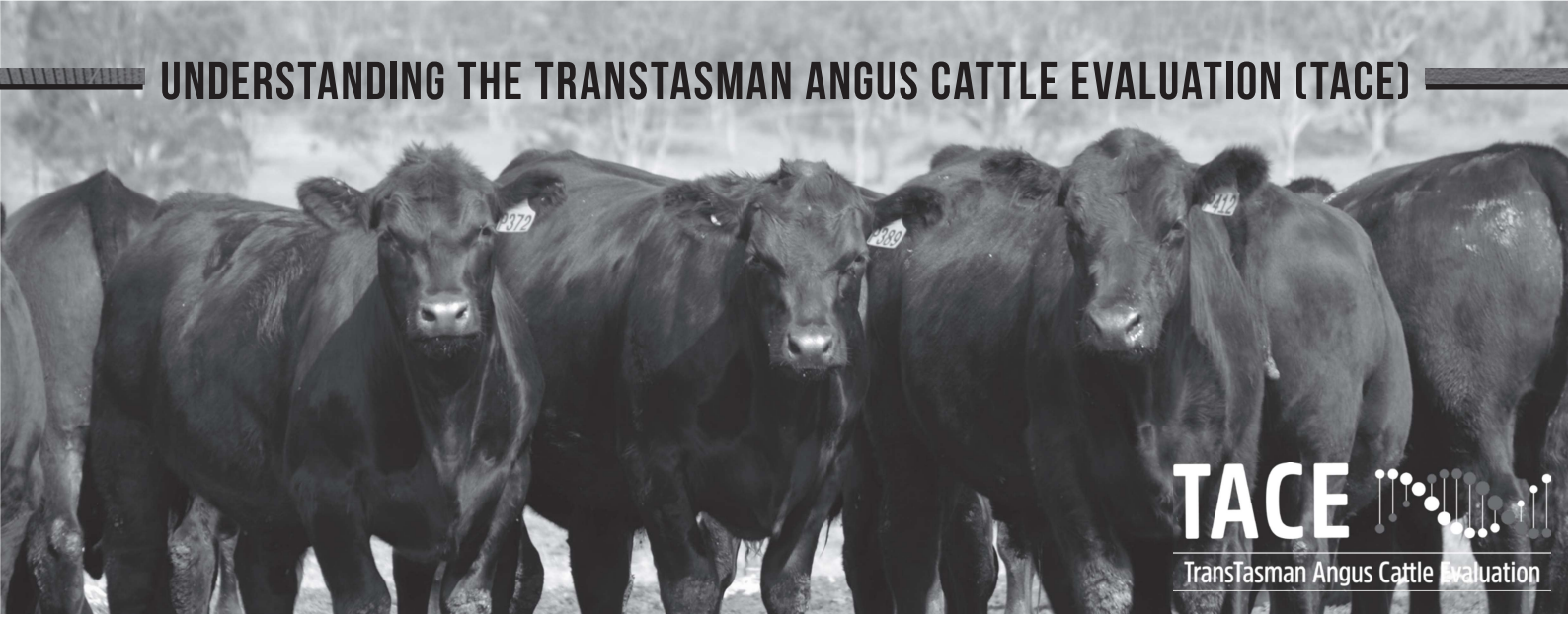
AMFU,CAFU,DDFU,NHFU

Traits Observed: *Genomics*

TACE	Mid January 2023 TransTasman Angus Cattle Evaluation										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DC
EBVs	**+0.9**	**+1.9**	**-1.5**	**+6.0**	**+60**	**+107**	**+130**	**+124**	**+5**	**+2.2**	**-4.4**
Acc	*58%*	*44%*	*80%*	*82%*	*81%*	*80%*	*79%*	*76%*	*78%*	*76%*	*34%*
Perc	66	62	92	87	11	10	24	16	99	44	57
TACE	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg
EBVs	**+74**	**+9.1**	**-2.1**	**-3.8**	**+1.9**	**-0.9**	**-0.05**	**+15**	**+0.60**	**+0.70**	**+0.72**
Acc	*75%*	*73%*	*69%*	*65%*	*63%*	*74%*	*48%*	*43%*	*61%*	*61%*	*53%*
Perc	27	19	90	95	1	99	21	77	8	4	1

Statistics: Number of Herds: 2, Prog Analysed: 16, Genomic Prog: 6

UNDERSTANDING THE TRANSTASMAN ANGUS CATTLE EVALUATION (TACE)



What is the TransTasman Angus Cattle Evaluation?

The TransTasman Angus Cattle Evaluation is the genetic evaluation program adopted by Angus Australia for Angus and Angus influenced beef cattle. The TransTasman Angus Cattle Evaluation uses Best Linear Unbiased Prediction (BLUP) technology to produce Estimated Breeding Values (EBVs) of recorded cattle for a range of important production traits (e.g. weight, carcase, fertility).

The TransTasman Angus Cattle Evaluation is an international genetic evaluation and includes pedigree, performance and genomic information from the Angus Australia and Angus New Zealand databases, along with selected information from the American and Canadian Angus Associations.

The TransTasman Angus Cattle Evaluation utilises a range of genetic evaluation software, including the internationally recognised BLUPF90 family of programs, and BREEDPLAN® beef genetic evaluation analytical software, as developed by the Animal Genetics and Breeding Unit (AGBU), a joint institute of NSW Agriculture and the University of New England, and Meat and Livestock Australia Limited (MLA).

What is an EBV?

An animal's breeding value can be defined as its genetic merit for each trait. While it is not possible to determine an animal's true breeding value, it is possible to estimate it. These estimates of an animal's true breeding value are called EBVs (Estimated Breeding Values).

EBVs are expressed as the difference between an individual animal's genetics and a historical genetic level (i.e. group of animals) within the TACE genetic evaluation, and are reported in the units in which the measurements are taken.

Using EBVs to Compare the Genetics of Two Animals

TACE EBVs can be used to estimate the expected difference in the genetics of two animals, with the expected difference equating to half the difference in the EBVs of the animals, all other things being equal (e.g. they are joined to the same animal/s).

For example, a bull with a 200 Day Growth EBV of +60 would be expected to produce progeny that are, on average, 10 kg heavier at 200 days of age than a bull with a 200 Day Growth EBV of +40 kg (i.e. 20 kg difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Or similarly, a bull with an IMF EBV of +3.0 would be expected to produce progeny with on average, 1% more intramuscular fat in a 400 kg carcase than a bull with a IMF EBV of +1.0 (i.e. 2% difference between the sire's EBVs, then halved as the sire only contributes half the genetics).

Using EBVs to Benchmark an Animal's Genetics with the Breed

EBVs can also be used to benchmark an animal's genetics relative to the genetics of other Angus or Angus infused animals recorded with Angus Australia.

To benchmark an animal's genetics relative to other Angus animals, an animal's EBV can be compared to the EBV reference tables, which provide:

- the breed average EBV
- the percentile bands table

The current breed average EBV is listed on the bottom of each page in this publication, while the current EBV reference tables are included at the end of these introductory notes. For easy reference, the percentile band in which an animal's EBV ranks is also published in association with the EBV.

Considering Accuracy

An accuracy value is published with each EBV, and is usually displayed as a percentage value immediately below the EBV.

The accuracy value provides an indication of the reliability of the EBV in estimating the animal's genetics (or true breeding value), and is an indication of the amount of information that has been used in the calculation of the EBV.

EBVs with accuracy values below 50% should be considered as preliminary or of low accuracy, 50-74% as of medium accuracy, 75-90% of medium to high accuracy, and 90% or greater as high accuracy.

Description of TACE EBVs

EBVs are calculated for a range of traits within TACE, covering calving ease, growth, fertility, maternal performance, carcase merit, feed efficiency and structural soundness. A description of each EBV included in this publication is provided on the following page.

UNDERSTANDING ESTIMATED BREEDING VALUES (EBVS)

Calving Ease	CEDir	%	Genetic differences in the ability of a sire's calves to be born unassisted from 2 year old heifers.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
	CEDtrs	%	Genetic differences in the ability of a sire's daughters to calve unassisted at 2 years of age.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.
	GL	days	Genetic differences between animals in the length of time from the date of conception to the birth of the calf.	Lower EBVs indicate shorter gestation length.
	BW	kg	Genetic differences between animals in calf weight at birth.	Lower EBVs indicate lighter birth weight.
Growth	200 Day	kg	Genetic differences between animals in live weight at 200 days of age due to genetics for growth.	Higher EBVs indicate heavier live weight.
	400 Day	kg	Genetic differences between animals in live weight at 400 days of age.	Higher EBVs indicate heavier live weight.
	600 Day	kg	Genetic differences between animals in live weight at 600 days of age.	Higher EBVs indicate heavier live weight.
	MCW	kg	Genetic differences between animals in live weight of cows at 5 years of age.	Higher EBVs indicate heavier mature weight.
	Milk	kg	Genetic differences between animals in live weight at 200 days of age due to the maternal contribution of its dam.	Higher EBVs indicate heavier live weight.
Fertility	DtC	days	Genetic differences between animals in the time from the start of the joining period (i.e. when the female is introduced to a bull) until subsequent calving.	Lower EBVs indicate shorter time to calving.
	SS	cm	Genetic differences between animals in scrotal circumference at 400 days of age.	Higher EBVs indicate larger scrotal circumference.
Carcase	CWT	kg	Genetic differences between animals in hot standard carcase weight at 750 days of age.	Higher EBVs indicate heavier carcase weight.
	EMA	cm^2	Genetic differences between animals in eye muscle area at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate larger eye muscle area.
	Rib Fat	mm	Genetic differences between animals in fat depth at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more fat.
	P8 Fat	mm	Genetic differences between animals in fat depth at the P8 rump site in a 400 kg carcase.	Higher EBVs indicate more fat.
	RBY	%	Genetic differences between animals in boned out saleable meat from a 400 kg carcase.	Higher EBVs indicate higher yield.
	IMF	%	Genetic differences between animals in intramuscular fat (marbling) at the 12/13th rib site in a 400 kg carcase.	Higher EBVs indicate more intramuscular fat.
Feed/ Temp.	NFI-F	kg/ day	Genetic differences between animals in feed intake at a standard weight and rate of weight gain when animals are in a feedlot finishing phase.	Lower EBVs indicate more feed efficiency.
	Doc	%	Genetic differences between animals in temperament.	Higher EBVs indicate better temperament.
Structure	Foot Angle	score	Genetic differences in foot angle (strength of pastern, depth of heel).	Lower EBVs indicate more desirable foot angle.
	Claw Set	score	Genetic differences in claw set structure (shape and evenness of claws).	Lower EBVs indicate more desirable claw structure.
Selection Index	$A	$	Genetic differences between animals in net profitability per cow joined in a typical commercial self replacing herd using Angus bulls. This selection index is not specific to a particular market end-point, but identifies animals that will improve overall net profitability in the majority of commercial, self replacing, grass and grain finishing beef production systems.	Higher selection indexes indicate greater profitability.
	$A-L	$	Genetic differences between animals in net profitability per cow joined in a typical commercial self replacing herd using Angus bulls. This selection index is not specific to a particular market end-point, but identifies animals that will improve overall net profitability in the majority of commercial, self replacing, grass and grain finishing beef production systems. The $A-L index is similar to the $A index but is modelled on a production system where feed is surplus to requirements for the majority of the year, or the cost of supplying additional feed when animal feed requirements increase is low. While the $A aims to maintain mature cow weight, the $A-L does not aim to limit the increase in mature cow weight as there is minimal cost incurred if the feed maintenance requirements of the female breeding herd increase as a result of selection decisions.	Higher selection indexes indicate greater profitability.

TransTasman Angus Cattle Evaluation - Mid January 2023 Reference Tables

BREED AVERAGE EBVs

	Calving Ease		Birth		Growth					Fertility			Carcase				Other			Structure			Selection Indexes	
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg	$A	$A-L
Brd Avg	+2.3	+2.7	-4.8	+4.1	+50	+90	+117	+101	+17	+2.1	-4.6	+66	+6.4	-0.1	-0.3	+0.5	+2.2	+0.19	+21	+0.85	+0.97	+1.03	+197	+340

* Breed average represents the average EBV of all 2021 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid January 2023 TransTasman Angus Cattle Evaluation .

PERCENTILE BANDS TABLE

% Band	Calving Ease		Birth		Growth					Fertility			Carcase				Other			Structure			Selection Indexes	
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	Claw	Angle	Leg	$A	$A-L
	Less Calving Difficulty	Less Calving Difficulty	Shorter Gestation Length	Lighter Birth Weight	Heavier Live Weight	Heavier Live Weight	Heavier Live Weight	Heavier Mature Weight	Heavier Live Weight	Larger Scrotal Size	Shorter Time to Calving	Heavier Carcase Weight	Larger EMA	More Fat	More Fat	Higher Yield	More IMF	Greater Feed Efficiency	More Docile	Lower Score	Lower Score	Lower Score	Greater Profitability	Greater Profitability
1%	+10.8	+9.9	-10.7	-0.3	+70	+122	+161	+159	+28	+4.7	-7.9	+98	+14.5	+4.0	+4.8	+1.9	+5.9	-0.51	+43	+0.44	+0.60	+0.76	+272	+449
5%	+9.0	+8.2	-8.8	+1.1	+64	+112	+148	+140	+25	+3.9	-7.0	+88	+11.8	+2.7	+3.1	+1.5	+4.7	-0.30	+36	+0.56	+0.72	+0.84	+252	+419
10%	+7.9	+7.3	-7.8	+1.8	+60	+107	+140	+130	+23	+3.4	-6.5	+83	+10.5	+2.0	+2.3	+1.3	+4.0	-0.19	+32	+0.62	+0.78	+0.88	+241	+403
15%	+7.0	+6.5	-7.2	+2.3	+58	+104	+136	+124	+22	+3.2	-6.1	+79	+9.7	+1.6	+1.8	+1.1	+3.6	-0.12	+29	+0.66	+0.80	+0.90	+233	+392
20%	+6.3	+5.9	-6.7	+2.6	+57	+101	+132	+120	+21	+2.9	-5.8	+77	+9.0	+1.3	+1.4	+1.0	+3.3	-0.06	+27	+0.70	+0.84	+0.94	+227	+384
25%	+5.7	+5.4	-6.3	+2.9	+55	+99	+129	+116	+20	+2.8	-5.6	+75	+8.4	+1.0	+1.0	+0.9	+3.1	-0.01	+26	+0.72	+0.86	+0.94	+222	+377
30%	+5.1	+4.9	-6.0	+3.2	+54	+97	+127	+112	+20	+2.6	-5.4	+73	+7.9	+0.8	+0.7	+0.8	+2.9	+0.03	+24	+0.76	+0.88	+0.96	+218	+370
35%	+4.5	+4.5	-5.7	+3.4	+53	+95	+124	+109	+19	+2.5	-5.2	+71	+7.4	+0.5	+0.5	+0.7	+2.7	+0.07	+23	+0.78	+0.90	+0.98	+213	+364
40%	+4.0	+4.0	-5.4	+3.6	+52	+94	+122	+106	+18	+2.3	-5.0	+69	+7.0	+0.3	+0.2	+0.6	+2.5	+0.11	+22	+0.80	+0.92	+1.00	+209	+358
45%	+3.4	+3.5	-5.1	+3.8	+51	+92	+120	+103	+18	+2.2	-4.8	+68	+6.6	+0.1	-0.1	+0.6	+2.3	+0.15	+21	+0.82	+0.94	+1.02	+205	+352
50%	+2.9	+3.1	-4.8	+4.1	+50	+90	+117	+101	+17	+2.1	-4.7	+66	+6.2	-0.1	-0.3	+0.5	+2.1	+0.18	+20	+0.84	+0.96	+1.02	+201	+346
55%	+2.3	+2.6	-4.5	+4.3	+49	+89	+115	+98	+17	+2.0	-4.5	+65	+5.9	-0.3	-0.6	+0.4	+2.0	+0.22	+19	+0.86	+0.98	+1.04	+196	+340
60%	+1.7	+2.1	-4.2	+4.5	+48	+87	+113	+95	+16	+1.9	-4.3	+63	+5.5	-0.5	-0.8	+0.3	+1.8	+0.25	+18	+0.90	+1.00	+1.06	+192	+333
65%	+1.0	+1.6	-3.9	+4.7	+47	+86	+111	+92	+16	+1.7	-4.2	+61	+5.1	-0.7	-1.1	+0.3	+1.6	+0.29	+17	+0.92	+1.04	+1.08	+187	+326
70%	+0.3	+1.0	-3.6	+4.9	+46	+84	+108	+89	+15	+1.6	-4.0	+60	+4.7	-0.9	-1.4	+0.2	+1.4	+0.33	+16	+0.94	+1.06	+1.10	+182	+318
75%	-0.5	+0.4	-3.2	+5.2	+45	+82	+106	+86	+14	+1.5	-3.8	+58	+4.3	-1.1	-1.7	+0.1	+1.2	+0.38	+15	+0.98	+1.08	+1.10	+176	+309
80%	-1.4	-0.3	-2.8	+5.5	+43	+80	+103	+82	+13	+1.3	-3.5	+56	+3.8	-1.4	-2.1	+0.0	+1.0	+0.43	+14	+1.00	+1.10	+1.14	+169	+299
85%	-2.5	-1.2	-2.3	+5.8	+42	+77	+99	+77	+13	+1.1	-3.3	+53	+3.2	-1.7	-2.5	-0.1	+0.8	+0.50	+13	+1.04	+1.14	+1.16	+160	+287
90%	-4.1	-2.3	-1.7	+6.3	+40	+74	+94	+72	+12	+0.9	-2.9	+50	+2.5	-2.1	-3.0	-0.3	+0.5	+0.57	+11	+1.10	+1.18	+1.18	+148	+270
95%	-6.7	-4.2	-0.7	+7.0	+36	+68	+87	+62	+10	+0.5	-2.1	+45	+1.3	-2.7	-3.8	-0.6	+0.1	+0.70	+8	+1.17	+1.26	+1.24	+130	+241
99%	-12.4	-8.0	+1.3	+8.4	+29	+58	+72	+43	+7	-0.3	-0.4	+35	-1.0	-4.0	-5.4	-1.1	-0.7	+0.95	+2	+1.32	+1.40	+1.34	+96	+189
	More Calving Difficulty	More Calving Difficulty	Longer Gestation Length	Heavier Birth Weight	Lighter Live Weight	Lighter Live Weight	Lighter Live Weight	Lighter Mature Weight	Lighter Live Weight	Smaller Scrotal Size	Longer Time to Calving	Lighter Carcase Weight	Smaller EMA	Less Fat	Less Fat	Lower Yield	Less IMF	Lower Feed Efficiency	Less Docile	Higher Score	Higher Score	Higher Score	Lower Profitability	Lower Profitability

* The percentile bands represent the distribution of EBVs across the 2021 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid January 2023 TransTasman Angus Cattle Evaluation .

TransTasman Angus Cattle Evaluation - Mid January 2023 Reference Tables

BREED AVERAGE EBVs										
	$A	$D	$GN	$GS	$A-L	$D-L	$GN-L	$GS-L	$PRO	$T
Brd Avg	+197	+163	+260	+181	+340	+294	+406	+382	+145	+182

* Breed average represents the average EBV of all 2021 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid January 2023 TransTasman Angus Cattle Evaluation .

PERCENTILE BANDS TABLE										
% Band	$A	$D	$GN	$GS	$A-L	$D-L	$GN-L	$GS-L	$PRO	$T
	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability	Greater Profitability
1%	+272	+228	+363	+260	+449	+390	+539	+512	+227	+236
5%	+252	+209	+335	+238	+419	+363	+503	+475	+204	+222
10%	+241	+200	+319	+226	+403	+349	+484	+455	+192	+214
15%	+233	+193	+309	+218	+392	+339	+471	+443	+184	+208
20%	+227	+188	+300	+212	+384	+332	+460	+432	+177	+204
25%	+222	+184	+293	+207	+377	+325	+451	+424	+171	+200
30%	+218	+180	+287	+202	+370	+320	+443	+416	+166	+196
35%	+213	+176	+281	+197	+364	+314	+435	+408	+162	+193
40%	+209	+172	+275	+193	+358	+309	+428	+401	+157	+190
45%	+205	+169	+269	+188	+352	+303	+420	+394	+153	+187
50%	+201	+165	+264	+184	+346	+298	+413	+387	+148	+184
55%	+196	+162	+258	+180	+340	+293	+405	+380	+144	+181
60%	+192	+158	+251	+175	+333	+287	+397	+372	+139	+177
65%	+187	+154	+245	+170	+326	+281	+388	+364	+134	+174
70%	+182	+149	+238	+165	+318	+274	+379	+355	+128	+170
75%	+176	+144	+230	+159	+309	+267	+368	+345	+122	+166
80%	+169	+139	+221	+152	+299	+258	+356	+334	+115	+161
85%	+160	+131	+209	+143	+287	+247	+340	+320	+106	+155
90%	+148	+122	+194	+132	+270	+232	+319	+301	+93	+147
95%	+130	+106	+172	+114	+241	+208	+285	+268	+74	+134
99%	+96	+78	+130	+81	+189	+163	+226	+205	+39	+112
	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability	Lower Profitability

* The percentile bands represent the distribution of EBVs across the 2021 drop Australian Angus and Angus-influenced seedstock animals analysed in the Mid January 2023 TransTasman Angus Cattle Evaluation .