



# **VALE ELIZABETH 'JILL' GRIEVE**

18.01.1946 - 20.08.2022

The last few weeks have been extremely difficult as we farewelled Peter's beloved sister Jill. Jill was well known in the Angus world and with the help of Peter ran her own Red Angus Stud. As mentioned on the Angus Australia website Jill 'took it upon herself to promote the Angus breed at a time when they were not even popular to the general Australian public and she designed and marketed Angus Australia merchandise from AgQuip to Sydney Show and the Angus show and sale. A wonderfully kind, fashionable, intelligent and witty personality that will be terribly missed by all who knew her.

Rest in Peace Jill.

# SALE COMMENCING 1PM 30TH SEPTEMBER 2022 ON PROPERTY AND AUCTIONS PLUS

Vendors PR & The Estate of EJ Grieve 'Talooby' Rylstone NSW 2849

Roger Fuller Pty Ltd P: (02) 6571 1237

Roger Fuller: 0428 681 249 Jason Bower: 0427 780 118 44 Black Angus Bulls
4 Red Angus Bulls
5 x Black Angus Cows With Calves At Foot
10 x PTIC Black Angus Heifers
6 x Ready To Join Red Heifers

Elders Mudgee P: (02) 6370 8500

Jason Pearce: 0438 144 702

Phil Davis: 0429 453 710

Paul Jamieson: 0428 667 998

## **WELCOME TO THE 2022 TALOOBY ANGUS SPRING SALE**

30th SEPTEMBER AT 1.00PM

Physical Auction interfaced with AuctionsPlus

Auctioneers: Lincoln McKinlay – Bulls

Jason Bower - Females

# **ON OFFER**

5 x 5 'R' Cows with calves

10 PTIC 'S' Heifers to calve Autumn 2023

6 Red Angus Heifers 14 months

34 Angus Bulls – Autumn Drop 2021

10 Angus Bulls – Spring Drop 2021

4 Red Angus Bulls – Spring Drop 2020

## WELCOME TO TALOOBY AND THE 2022 AUTUMN SALE

We live in interesting and mentally challenging times in agriculture presently. Currently (August 8<sup>th</sup>) we are seeing record prices for seedstock with enormous confidence being shown in the Beef sector. This coupled with a weather outlook, which indicate a tremendous spring over most of Australia, can only fuel this confidence.

During the current bull selling season the trend to offer increased number of younger bulls is to be commended. Here at Talooby prior to the 2002 drought we only sold bulls at 12-16 months for the most part. These young bulls gave great service with the longevity and an extra joining (about 70% of a 2-year-old) and so were a very good investment.

The bulls for this sale will be between 13 and 17.5 months with a couple of exceptions. The Red Angus will be rising 2-year-olds.

This offering of bulls continues the policy of moderate birth weights with increasing growth, i.e. curve bending on a herd basis (some 75% of this group of bulls are below breed average, with many suitable for heifers). As we move forward, we will increase growth while limiting mature cow weights to +100EBV as best we can.

Efficiency is a continuing project with cow/calf 270-day ratios being the focus. The aim is to have a cow raising calves at least 50% of the cow's weight at weaning (270 days) and better. This in general will limit mature cow weights, the sweet spot being 630kg in condition score three in our seedstock herd. Commercially cows can be approx. 50kg lighter for maximum efficiency N.B. Angus also have a genetic (EBV) measurement for the net feed intake (NFI) in a feedlot.

There is much to look forward to in the years ahead as we strive to produce a herd of ultra-functional cows that will return the maximum \$ to you, our Valued Clients.

WE LOOK FORWARD TO SEEING YOU ON SEPTEMBER 30TH OR AT ANY TIME BY ARRANGEMENT.

# **GENERAL INFORMATION**

## **ALL BULLS WILL BE:**

**FEMALES** 

**Tested for Pestivirus** 

All heifers 7in1 status is current

Vaccinated for Vibrio, Pesti & 7in1

Red heifers are 5in1 vaccinated

Individually assessed by Dick Whale IBMS

Veterinary Inspected for soundness and fertility by W Rohr BVSV, Cudgegong Vet Services

## **FEED REGIME**

All bulls have been prepared on DDG and hay (free choice) over the last 8 weeks

NOTE: The updated EBVs for Lots 38-47 are available on the Angus Australia Website

## **SIRES OF THE SALE BULLS**

## TALOOBY MARQUIS M102 (ANDY)

The bullock produces, extra growth, flawless temperament, and excellent structure.

## **MUSGRAVE 316 EXCLUSIVE**

The no holes sire.

Most EBVs at 80% +accuracy. Phenotype figures with 1141 progeny recorded in 69 herds in the Angus Breed plan system.

A great sire to add thickness and volume. Daughters now in production looking good.

## **TALOOBY MUGGER M19**

Mugger produces moderate framed, easy doing progeny, with heifers showing plenty of milk and rearing their calves well. Doing a great all-round job, with some excellent sons in this offering displaying low/moderate birth weights and softness of coat. Mugger has become a perennial favourite.

## TALOOBY LOCHINVAR L86

Now 7 years old and sound as. Doing an excellent job as mainly an AI cover bull, Daughters are medium frame with good milk and excellent calving data, over 90 calves recorded to 2021. A son retained this year pending the data results.

## TALOOBY NEVADA N127

Another lower birth weight bull with great calving ease. First daughters are in production and look promising. 72 calves recorded to 2021. A good team of low/moderate birthweight calves in this sale.

## TALOOBY P244 (APR)

A low birthweight calving ease bull used over heifers with good results. Sound foot structure (top 9% angle & 34% claw).

7 sons in this sale

## **TALOOBY POLKA P28**

A team mate to P244 with similar EBVs and attributes. Mostly had heifer calves with several retained. 2 sons sell

## CHILTERN PARK MOE M6

Moe is one of the most popular AI bulls to be bred in Australia, with 1819 calves recorded to May 2022.

A superb calving ease sire with high growth (+137), moderate mature cow weights, high milk, EMA (+7.5), docility (+5) with excellent foot structure. The calves are looking promising with first heifers to calve Autumn 2023. A son, S102, has been put aside to be retained pending all the usual criteria being satisfactory.

## **RED SIRES**

## HXC ALLEGIANCE 5502C – 3 SONS SELL

A high growth calving ease sire with above average scrotal. We expect the daughters (calving now) to be trouble fee and milk well.

Carcase should also be a positive.

## TALOOBY RED NINIAN N711 – 1 SON SELL

A quicker maturing bull with good muscle shape/expression. A grandson of Canadian bull RED LAZY MC SPYDER 149A. Dam TALOOBY RED COPPER G716 has a calving interval of 373 days over 9 calves, (Regular breeder and great longevity)

## **TALOOBY ANGUS SALE CONTENT**

## **LOTS 1-3 FEMALES**

- LOT 15 x 5 'R' cows with calves
- LOT 2 10 PTIC Heifer to calve Autumn 23
- LOT 3 6 Red Angus Heifers 14 months old

## **BULLS MANAGEMENT GROUPS**

LOTS 4-29, 30-37, 38-47, 48-51

## **ENQUIRIES**

Peter Grieve 02 6379 8239 or 0428 365 947

Jason Pearce – ELDERS 0438 144 702

Phil Davis - ELDERS 0429 453 710

Tom Rheinberger – ELDERS 0428 277 997

Roger Fuller 0428 681 249

Jason Bower - ROGER FULLER P/L 0427 780 118

Dick Whale- IBMS 0427 697 968

## **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.

Lot 1	5 X 5 'R' COWS WITH CALVES	BUYER
Lot 2	10 PTIC 'S' HEIFERS TO CALVE AUTUMN 2023	BUYER
Lot 3	6 RED ANGUS HEIFERS, 14 MONTHS	BUYER

Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation			А	MFU,CA3%,	DDFU,NHFU	Buyer
LUI	(Name, Ident, Reg, DOB)	Sile 3 Details	Daili 3 Detail3	TransTasman Angus Cattle Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S210#	TALOOBY HADRIAN H37PV	TALOOBY GALAXY G121sv	EBVs	-8.8	-2.6	+8.1	+117	+110	+16	+3.2	+0.0	+2.2	+1.4	
4		NPGM102 TALOOBY MARQUIS M102sv	NRNL272 TALOOBY APR L272#	Acc	45%	35%	68%	58%	54%	45%	52%	54%	49%	49%	
	NRN21S210 (APR) 14/02/2021	TALOOBY TALENT E90#	TALOOBY APR F335#					Tr	aits Observed	: BWT					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE		r 2022 Trans					T	I	MFU,CA1%,		Buyer
	(Name, Ident, Reg, DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY S3#	TALOOBY HADRIAN H37 <sup>PV</sup>	MILLAH MURRAH NEUTRON E78PV	EBVs	-2.8	+4.7	+5.1	+104	+83	+18	+3.3	+0.2	+3.0	+1.6	
5	NDC0463 (UDD) 00 (00 (0004	NPGM102 TALOOBY MARQUIS M102sv	NPGK67 TALOOBY TALENT K67#	Acc	47%	38%	69%	57%	54%	48%	53%	54%	50%	49%	
	NPG21S3 (HBR) 08/02/2021	TALOOBY TALENT E90#	TALOOBY TALENT E58#					Tr	aits Observed	: BWT					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans						I	MFU,CA2%,		Buyer
	(Harrie, Ident, Reg, Bob)			TransTasman Angus Cartle Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S241#	LD CAPITALIST 316PV	WATTLETOP FUTURE DIR 4268 G145 <sup>SV</sup>	EBVs	+3.5	+5.0	+4.4	+103	+90	+13	+1.7	+0.7	+5.9	+1.6	
6	NRN21S241 (APR) 03/04/2021	USA18130471 MUSGRAVE 316 EXCLUSIVE		Acc	55%	43%	73%	63%	59%	52%	60%	59%	56%	55%	
	INKINZ 13241 (APK) 03/04/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR H237#		-			Traits	observed: Gl	_,CE,BWT	-		-		
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation				AMFU,CA2%	,DDF,NHFU	Buyer
	(Name, Ident, Reg, DOB)			TransTasman Angus Cartle Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S249#	LD CAPITALIST 316PV	WATTLETOP FUTURE DIR 4268 G145 <sup>sv</sup>	EBVs	+5.2	+6.5	+3.1	+99	+83	+17	+1.6	+0.6	+6.4	+1.7	
7	NDN045040 (ADD) 05 (0 4 (0004	USA18130471 MUSGRAVE 316 EXCLUSIVE	NRNM211 TALOOBY APR M211#	Acc	55%	43%	73%	64%	60%	53%	60%	60%	57%	56%	
	NRN21S249 (APR) 05/04/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR D204#		-			Traits	Observed: Gl	.,CE,BWT			-		
	Animal Details			TACE	Septembe	r 2022 Trans	Tasman And	ıus Cattle Ev	aluation				AMFU.CAFU.	DDFU.NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	IransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY S254#	LD CAPITALIST 316 <sup>PV</sup>	TALOOBY GLOBAL G17 <sup>SV</sup>	EBVs	+6.3	+5.1	+3.7	+103	+88	+14	+1.8	+0.8	+5.0	+1.5	
8	IALOUDI 3234	   USA18130471 MUSGRAVE 316 EXCLUSIVE <sup>PI</sup>	NRNL258 TALOOBY APR L258#	Acc	51%	41%	65%	62%	58%	51%	58%	57%	54%	54%	
	NRN21S254 (APR) 05/04/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR J328#	1.00					aits Observed			2			
				TACE	Contombo	r 2022 Trans	Tasman And	us Cattle Ev	aluation			Λ	MFU,CAFU,D	DOO/ NUELL	Buyer
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	Transfarma Angus								I			Duyei
	(Harris, Identi, Reg. 505)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S248#	TE MANIA 11 465 <sup>SV</sup>	TALOOBY EMPEROR E55 <sup>SV</sup>	EBVs	+1.1	-1.2	+4.2	+83	+71	+10	+1.9	+1.8	+4.1	+1.5	
9	NRN21S248 (APR) 05/04/2021	NPGM19 TALOOBY MUGGER M19 <sup>sv</sup>	NRNH319 TALOOBY APR H319#	Acc	49%	38%	71%	56%	54%	44%	52%	51%	47%	47%	
	13/14/20/14/2021	TALOOBY LODELLE G3#	TALOOBY APR Y260#	<u> </u>				Trai	its Observed:	CE,BWT					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE		r 2022 Trans	1		1			1	AMFU,CAFU,		Buyer
	(Name, Ident, Reg, DOB)			_	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S236#	LD CAPITALIST 316PV	WATTLETOP FUTURE DIR 4268 G145sv	EBVs	+5.4	+6.6	+3.1	+100	+86	+16	+1.6	+0.4	+5.7	+1.9	
10	NIDMOACOGC (ADD) O4/C 1/2004	USA18130471 MUSGRAVE 316 EXCLUSIVE	NRNK250 TALOOBY APR K250#	Acc	55%	43%	74%	63%	59%	53%	60%	59%	56%	55%	
	NRN21S236 (APR) 01/04/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR F205#					Traits	Observed: Gl	_,CE,BWT					

Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation			, A	MFU,CA1%,	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sile 3 Details	Duiti 3 Detail3	TransTasman Angus Cartle Fuoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S268#	MUSGRAVE MEDIATORPV	WATTLETOP FRANKLIN G188sv	EBVs	+1.7	+5.1	+3.1	+97	+70	+16	+1.8	+0.0	+2.5	+1.4	
11		NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NRNP224 TALOOBY APR P224#	Acc	49%	39%	70%	55%	54%	47%	52%	52%	48%	48%	
	NRN21S268 (APR) 09/04/2021	TALOOBY PRIDE D53#	TALOOBY APR H316#					Tra	its Observed:	CE,BWT					
Lot	Animal Details	Sire's Details	Dam's Details	TACE	-	r 2022 Trans				Г	1	I	AMFU,CAFU,	-, -	Buyer
	(Name, Ident, Reg, DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SONIC S41#	MUSGRAVE MEDIATORPV	CLUDEN NEWRY HYPERNO L47 <sup>SV</sup>	EBVs	+0.3	+3.6	+4.2	+98	+75	+14	+1.7	-0.3	+3.2	+1.5	
13	NPG21S41 (HBR) 02/05/2021	NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NPGP9 TALOOBY LODELLE P9#	Acc	43%	35%	60%	53%	51%	44%	49%	50%	46%	46%	
	NPG21341 (NDR)   02/03/2021	TALOOBY PRIDE D53#	TALOOBY LODELLE J26#						Traits Observe	d: CE					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans						1	AMFU,CAFU,		Buyer
	(,,,	12 C12 T1 15 T 2 C 2 N	7	EBVs	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
14	TALOOBY APR S263#	LD CAPITALIST 316 <sup>PV</sup>	TALOOBY HADRIAN H37 <sup>PV</sup>		-0.1	+2.9	+6.3	+111	+104	+12	+2.1	+0.3	+5.2	+1.6	
14	NRN21S263 (APR) 07/04/2021	USA18130471 MUSGRAVE 316 EXCLUSIVE		Acc	54%	41%	73%	62%	58%	51%	60%	58%	55%	54%	
		MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR D206#					Irait	s Observed: G	L,CE,BW1					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans	1					1	MFU,CA2%,		Buyer
	(Nume, ruent, reg, 505)			Cartle Pushcation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S266#	LD CAPITALIST 316 <sup>PV</sup>	TALOOBY EMPEROR E55 <sup>SV</sup>	EBVs	+6.9	+5.3	+2.9	+92	+79	+13	+1.6	+0.8	+4.9	+1.3	
15	NRN21S266 (APR) 08/04/2021	USA18130471 MUSGRAVE 316 EXCLUSIVEPV		Acc	54%	42%	74%	64%	60%	52%	61%	60%	57%	56%	
	111(1213200 (1111) 00/04/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR E278#					Ira	its Observed:	CE,BW1					
l a t	Animal Details	Cirole Dataile	Dame's Datails	TACE	Septembe	r 2022 Trans	aTasman Ang	gus Cattle Ev	aluation				AMFU,CAFU,	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TransTasman Angus Cartie Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S235#	LD CAPITALIST 316PV	MILLAH MURRAH NEUTRON E78PV	EBVs	+6.2	+7.2	+3.3	+98	+85	+11	+1.5	+0.8	+5.8	+1.8	
16	TALEGODI AII N 3233	USA18130471 MUSGRAVE 316 EXCLUSIVEP\	NRNJ221 TALOOBY APR J221#	Acc	53%	42%	67%	64%	60%	54%	61%	60%	57%	56%	
	NRN21S235 (APR) 28/03/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR D202#		,			Tr	aits Observed	: GL,CE					
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	aTasman Ang	gus Cattle Ev	aluation			A	MFU,CA3%,[	D1%,NHFU	Buyer
LUI	(Name, Ident, Reg, DOB)	Sile S DetailS	Daili S DetailS	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S219#	TE MANIA 11 465 <sup>sv</sup>	REILAND Z491sv	EBVs	+3.6	+0.2	+3.4	+78	+69	+13	+1.7	+1.7	+4.7	+1.9	
17	7.1200D1711113213	NPGM19 TALOOBY MUGGER M19sv	NRND216 TALOOBY APR D216#	Acc	45%	38%	61%	55%	54%	44%	50%	48%	44%	44%	
L	NRN21S219 (APR) 24/03/2021	TALOOBY LODELLE G3#	TALOOBY APR T1208#						Traits Observe	d: CE					
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	aTasman Ang	gus Cattle Ev	aluation				AMFU,CAFU,	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	DILE 2 DEIGII2	naiii 2 nefali2	ItansTasman Angus Cartle Pushantion	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S251#	LD CAPITALIST 316PV	TALOOBY CRACKER C65 <sup>SV</sup>	EBVs	+6.2	+6.4	+2.5	+93	+79	+18	+1.2	+1.2	+5.5	+1.7	
18		USA18130471 MUSGRAVE 316 EXCLUSIVEPV	NRNL245 TALOOBY APR L245#	Acc	56%	44%	74%	64%	61%	54%	62%	59%	57%	56%	
	NRN21S251 (APR) 05/04/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY APR A202#					Trait	s Observed: G	L,CE,BWT					

Lot	Animal Detai		Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation				AMFU,CAFU,I	DDFU,NHFU	Buyer
	(Name, Ident, Reg, D	DOB)	Sile 5 Details	built's betails	TransTasman Angus Cartle Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SQUATTER	R S47#	TE MANIA 11 465 <sup>sv</sup>	TALOOBY HADRIAN H37 <sup>PV</sup>	EBVs	-2.2	-3.8	+5.3	+88	+73	+12	+2.1	+1.8	+4.4	+1.7	
19	NDCO45 47 (UDD) 40	2/05/0004	NPGM19 TALOOBY MUGGER M19 <sup>SV</sup>	NPGN40 TALOOBY ANNABELLE N40#	Acc	44%	36%	59%	52%	50%	41%	51%	48%	45%	44%	
	NPG21S47 (HBR) 18.	8/05/2021	TALOOBY LODELLE G3#	TALOOBY ANNABELLE D142#					Tr	aits Observed	: BWT					
Lot	Animal Detai		Sire's Details	Dam's Details	TACE		r 2022 Trans	_	jus Cattle Ev	aluation				AMFU,CAFL		Buyer
	(Name, Ident, Reg, D	DOR)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S292	2#	MUSGRAVE MEDIATORPV	CLUDEN NEWRY HYPERNO L47 <sup>SV</sup>	EBVs	+1.9	+4.6	+3.4	+96	+71	+15	+1.9	-0.4	+3.6	+1.6	
20	NDNO15000 (ADD) 01	1/05/0001	NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NRNP234 TALOOBY APR P234#	Acc	43%	35%	60%	52%	51%	42%	49%	49%	45%	44%	
	NRN21S292 (APR) 01.	1/05/2021	TALOOBY PRIDE D53#	TALOOBY APR H241#						Traits Observe	d: CE					
Lot	Animal Detai (Name, Ident, Reg, D		Sire's Details	Dam's Details	TACE	-	r 2022 Trans	Tasman Ang		aluation			,	AMFU,CAFU,I		Buyer
	(Name, Ident, Reg, Di	DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SONIC S13		MUSGRAVE MEDIATORPV	MATAURI REALITY 839#	EBVs	+4.3	+6.4	+3.9	+91	+67	+11	+2.2	+1.6	+2.9	+1.5	
21	NPG21S133 (HBR) 12	2/05/2021	NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NPGK160 TALOOBY K160#	Acc	47%	42%	60%	56%	55%	49%	52%	53%	49%	49%	
	NPUZ 13133 (HDR) 123	2/03/2021	TALOOBY PRIDE D53#	TALOOBY DAINTY X120#					Tr	aits Observed	None					
	Animal Detai	ilc			TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation				AMFU,CAFU,I	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, D		Sire's Details	Dam's Details	TransTasman Angus Cartie Poliustion	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	<u> </u>
	TALOODY COLLATTED	D C20#	TE MANIA 11 465 <sup>sv</sup>	TALOOBY CRACKER C65 <sup>SV</sup>	EBVs	+3.3	+0.3	+3.3	+85	+69	+16	+1.9	+2.3	+4.7	+1.8	
22	TALOOBY SQUATTER		NPGM19 TALOOBY MUGGER M19 <sup>SV</sup>	NPGJ132 TALOOBY SPES J132 <sup>SV</sup>	Acc	50%	39%	71%	58%	55%	43%	51%	50%	46%	45%	
	NPG21S38 (HBR) 26.	6/04/2021	TALOOBY LODELLE G3#	TALOOBY SPES Y75#					l	its Observed:	CE,BWT					
	'				TACE	Ct	0000 T	T A	C-#I- F	-14!			Δ.	MELLCAGO	DELL MUELL	Division
Lot	Animal Detai (Name, Ident, Reg, D		Sire's Details	Dam's Details	TransTasman Angus Cattle Evaluation		r 2022 Trans					1	I	MFU,CA2%,I		Buyer
	(Name, Ident, Reg, D	DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SENATOR S	S13#	LD CAPITALIST 316 <sup>pv</sup>	TALOOBY EMPEROR E55 <sup>SV</sup>	EBVs	+6.8	+6.3	+2.8	+90	+74	+14	+1.5	+1.1	+3.9	+1.3	
23	NPG21S13 (HBR) 30	0/03/2021	USA18130471 MUSGRAVE 316 EXCLUSIVEPV		Acc	53%	42%	69%	64%	60%	53%	61%	60%	57%	56%	
	NFG21313 (IIDK) 30	0/03/2021	MUSGRAVE PRIM LASSIE 163-386#	TALOOBY PRINCESS Z3#					Tr	aits Observed	: BWT					
	Animal Detai	ils			TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation				AMFU,CAFU,I	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, D		Sire's Details	Dam's Details	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	<u> </u>
	TALOOBY APR S237	7#	LD CAPITALIST 316PV	MUSGRAVE BIG SKY <sup>PV</sup>	EBVs	+2.0	+5.9	+4.4	+109	+94	+13	+1.5	+0.7	+5.5	+1.4	
24	IALUUDT APK 3231	ı"	USA18130471 MUSGRAVE 316 EXCLUSIVEPV		Acc	54%	45%	69%	64%	60%	55%	61%	61%	58%	57%	
	NRN21S237 (APR) 22			TALOOBY APR H221#	7100	31,0	1370	0370	l	aits Observed		0170	0170	3070	31.70	
	1				TACE							-				
Lot	Animal Detai		Sire's Details	Dam's Details	TACE	· ·	r 2022 Trans		jus Cattle Ev	aluation		1	AN.	MFU,CAFU,D[		Buyer
	(Name, Ident, Reg, D	DOR)			TransTasman Angus Cartle Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SONIC S51	1#	MUSGRAVE MEDIATORPV	TALOOBY KRYPTON K13 <sup>sv</sup>	EBVs	+3.9	+4.8	+3.2	+89	+64	+15	+1.7	-0.2	+4.2	+1.3	
25	NDC01CE1 (UDD) 04	1/00/0004	NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NPGP10 TALOOBY PRINCESS P10#	Acc	42%	33%	59%	52%	50%	41%	49%	48%	44%	43%	
	NPG21S51 (HBR) 01.	1/06/2021	TALOOBY PRIDE D53#	TALOOBY PRINCESS E18#					Tr	aits Observed	None	-				

Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation			А	MFU,CAFU,D	D2%,NHFU	Buyer
	(Name, Ident, Reg, DOB)	Sire 3 Details	Duill's Details	TransTasman Angus Cartle Publisation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SONIC S34#	MUSGRAVE MEDIATORPV	NOONEE LANCELOT L24PV	EBVs	+3.8	+4.0	+3.2	+91	+69	+14	+1.8	-0.2	+3.9	+1.4	
26	NDC04C3 4 (UDD) 40 (0 4 (0004	NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NPGP1 TALOOBY TALENT P1#	Acc	46%	35%	69%	53%	52%	42%	48%	48%	44%	43%	
	NPG21S34 (HBR)   10/04/2021	TALOOBY PRIDE D53#	TALOOBY TALENT M5#					Tra	ts Observed:	CE,BWT					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans							MFU,CA2%,I		Buyer
	(Name, Ident, Rey, DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S291#	TE MANIA 11 465 <sup>sv</sup>	MUSGRAVE BIG SKYPV	EBVs	-0.3	+0.7	+3.9	+94	+80	+15	+2.0	+1.5	+5.5	+1.8	
27	NDN045001 (ADD) 04/04/0001	NPGM19 TALOOBY MUGGER M19 <sup>sv</sup>	NRNN224 TALOOBY APR N224#	Acc	47%	42%	61%	55%	53%	47%	52%	51%	47%	47%	
	NRN21S291 (APR) 04/04/2021	TALOOBY LODELLE G3#	TALOOBY APR D216#					-	Traits Observe	d: CE					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans	_						AMFU,CA1%,I		Buyer
	(Name, Ident, Rey, DOD)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S253#	TE MANIA 11 465 <sup>sv</sup>	TALOOBY HERALD H78 <sup>SV</sup>	EBVs	+6.6	+0.8	+2.5	+82	+64	+16	+2.1	+1.5	+5.8	+2.1	
28	NRN21S253 (APR) 05/04/2021	NPGM19 TALOOBY MUGGER M19 <sup>sv</sup>	NRNN219 TALOOBY APR N219#	Acc	49%	39%	71%	56%	53%	43%	52%	50%	46%	46%	
	17KN213233 (APK) 03/04/2021	TALOOBY LODELLE G3#	TALOOBY APR H214#					Trai	ts Observed:	CE,BWT	-		-		
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation			ı	AMFU,CAFU,I	DDFU,NHFU	Buyer
	(Name, Ident, Reg, DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SONIC S132#	MUSGRAVE MEDIATORPV	TALOOBY GLOBAL G17 <sup>sv</sup>	EBVs	+3.5	+2.8	+3.8	+98	+76	+15	+2.1	-0.3	+2.7	+1.3	
29	NDC045430 (UDD) 04 (05 (0004	NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NPGJ45 TALOOBY UNIQUE J45#	Acc	43%	35%	60%	56%	53%	42%	48%	51%	46%	45%	
	NPG21S132 (HBR) 01/06/2021	TALOOBY PRIDE D53#	TALOOBY UNIQUE G129#					Tr	aits Observed	None	-				
	Animal Details	5. 1. 5 . 11	2 1 2 1 1	TACE	Septembe	r 2022 Trans	Tasman Ang	jus Cattle Ev	aluation				AMFU,CAFU,I	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	· · · · · · · · · · · · · · · · · · ·
	TALOOBY SPIKE S22#	TALOOBY KRYPTON K13 <sup>SV</sup>	TALOOBY LOCHIEL L23 <sup>SV</sup>	EBVs	+3.7	+4.3	+3.7	+82	+83	+12	+0.5	+0.7	+3.2	+1.2	
30	IALUUDI SPIKE 322"	NPGP28 TALOOBY POLKA P28sv	NPGQ33 TALOOBY PRINCESS Q33#	Acc	49%	35%	69%	56%	53%	45%	50%	54%	48%	48%	
	NPG21S22 (HBR) 03/04/2021	TALOOBY MOONGARA D19#	TALOOBY PRINCESS H19#	7.22					ts Observed:				1 1212		
				TACE		2222 7		C F					NEU 6430/ B	D40/ NUIEU	
Lot	Animal Details	Sire's Details	Dam's Details	[[10]][[0.1]]		r 2022 Trans					I		MFU,CA3%,D		Buyer
	(Name, Ident, Reg, DOB)			TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S270#	TALOOBY LOCHIEL L23 <sup>SV</sup>	TALOOBY LOCHINVAR L86 <sup>sv</sup>	EBVs	+4.2	+2.0	+4.1	+81	+77	+13	+0.9	+1.0	+3.4	+1.6	
31	NDN045070 (ADD) 40 (0.4 (0.001	NRNP244 TALOOBY APR P244sv	NRNQ238 TALOOBY APR Q238#	Acc	49%	37%	69%	56%	54%	47%	49%	55%	48%	49%	
	NRN21S270 (APR) 12/04/2021	TALOOBY APR D210#	TALOOBY APR L254#					Tra	ts Observed:	CE,BWT			-		
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans			1				MFU,CA3%,I		Buyer
	(Name, Ident, Rey, DOD)			TransTasman Angus Cartie Puoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S290#	TALOOBY LOCHIEL L23 <sup>SV</sup>	TALOOBY MUGGER M19 <sup>sv</sup>	EBVs	+6.2	+1.9	+2.6	+79	+69	+15	+1.3	+1.0	+5.0	+1.8	
32	NDN215200 (ADD) 06/05/2021	NRNP244 TALOOBY APR P244 <sup>SV</sup>	NRNQ232 TALOOBY APR Q232#	Acc	42%	34%	60%	56%	53%	46%	49%	54%	47%	48%	
	NRN21S290 (APR) 06/05/2021	TALOOBY APR D210#	TALOOBY APR N212#					Tr	aits Observed	: BWT					

Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	:Tasman Ang	gus Cattle Ev	aluation			AN	MFU,CA4%,D	D2%,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire 3 Details	Duiti 3 Detail3	TransTasman Angus Cartle Fuoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S271#	TALOOBY LOCHIEL L23 <sup>SV</sup>	TALOOBY LOCHINVAR L86sv	EBVs	+6.1	+3.8	+2.7	+74	+67	+14	+0.8	+2.0	+2.6	+1.5	
33		NRNP244 TALOOBY APR P244 <sup>SV</sup>	NRNQ208 TALOOBY APR Q208#	Acc	48%	37%	69%	55%	53%	46%	49%	54%	48%	48%	
	NRN21S271 (APR) 12/04/2021	TALOOBY APR D210#	TALOOBY APR H231#					Tra	its Observed:	CE,BWT					
Lot	Animal Details (Name, Ident, Reg. DOB)	Sire's Details	Dam's Details	TACE		r 2022 Trans	_					1	MFU,CA3%,	.,	Buyer
	(Name, Ident, Reg, DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S246#	TALOOBY LOCHIEL L23 <sup>SV</sup>	TALOOBY LOCHINVAR L86 <sup>sv</sup>	EBVs	+5.9	+3.5	+2.8	+78	+71	+15	+0.5	+1.7	+3.4	+1.6	
34	NDN0450 45 (ADD) 02 (0 4 (0004	NRNP244 TALOOBY APR P244 <sup>sv</sup>	NRNQ252 TALOOBY APR Q252#	Acc	49%	38%	69%	57%	55%	47%	50%	55%	49%	49%	
	NRN21S246 (APR) 03/04/2021	TALOOBY APR D210#	TALOOBY APR L245#					Tra	its Observed:	CE,BWT					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans	_				I		MFU,CA4%,[		Buyer
	(Name, Ident, Reg, DOD)			Translasman Angus Cartie Pushuation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
_	TALOOBY APR S255#	TALOOBY LOCHIEL L23 <sup>SV</sup>	TALOOBY MUGGER M19 <sup>SV</sup>	EBVs	+6.5	+2.6	+2.4	+77	+65	+15	+1.3	+1.6	+4.5	+1.8	
35	NRN21S255 (APR) 04/04/2021	NRNP244 TALOOBY APR P244 <sup>sv</sup>	NRNQ206 TALOOBY APR Q206#	Acc	48%	37%	68%	55%	53%	46%	49%	54%	47%	48%	
	13232 (APK) U4/U4/2U21	TALOOBY APR D210#	TALOOBY APR N219#					Tra	its Observed:	CE,BWT					
Lot	Animal Details	Sire's Details	Dam's Details	TACE		r 2022 Trans	_	1	1			1	AMFU,CAFU,		Buyer
	(Name, Ident, Reg, DOB)			TransTasman Angus Cartle Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SPIKE S31#	Talooby Krypton K13 <sup>sv</sup>	TALOOBY LOCHINVAR L86sv	EBVs	+5.4	+4.0	+3.8	+83	+80	+12	+0.5	+0.5	+5.8	+1.4	
36	NDC04C34 (UDD) 00 (0 4 (0004	NPGP28 TALOOBY POLKA P28 <sup>sv</sup>	NPGQ26 TALOOBY TALENT Q26#	Acc	49%	36%	70%	56%	53%	44%	49%	54%	47%	48%	
	NPG21S31 (HBR) 08/04/2021	TALOOBY MOONGARA D19#	TALOOBY TALENT E16#					Tra	its Observed:	CE,BWT					
	Animal Details			TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation			А	MFU,CA4%,	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	ItansTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S224#	TALOOBY LOCHIEL L23 <sup>SV</sup>	TALOOBY LOCHINVAR L78 <sup>SV</sup>	EBVs	+6.4	+4.4	+2.2	+69	+61	+12	+0.5	+1.3	+3.9	+1.4	
37	IALUUDI APR 3224"	NRNP244 TALOOBY APR P244 <sup>SV</sup>	NRNQ217 TALOOBY APR Q217#	Acc	47%	36%	68%	55%	53%	46%	49%	54%	48%	48%	
	NRN21S224 (APR) 24/03/2021	TALOOBY APR D210#	TALOOBY APR J221#	. 100	,	1 2370	1 5570		its Observed:		.570	1 2170	.570		
				TACE	Comt1	* 0000 T	Tasms:- A			•			AMELLCAELL	DDELLMUST	Dines
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details			r 2022 Trans					1		AMFU,CAFU,		Buyer
	(Name, Ident, Reg, DUB)			TransTasman Angus Cartie Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S331 <sup>SV</sup>	TE MANIA FOE F734 <sup>SV</sup>	CLUDEN NEWRY EQUATOR F10 <sup>SV</sup>	EBVs	+5.9	+7.0	+3.1	+133	+101	+24	+2.0	-1.1	+7.9	+0.0	
38		GTNM6 CHILTERN PARK MOE M6 <sup>PV</sup>	NRNJ305 TALOOBY APR J305#	Acc	60%	50%	74%	73%	69%	64%	67%	69%	64%	64%	
	NRN21S331 (APR) 21/08/2021	STRATHEWEN TIMEOUT JADE F15PV	TALOOBY APR B289#					Traits (	Observed: BW	T,Genomics	-				
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE		r 2022 Trans		1	1				AMFU,CA1%,		Buyer
	(Ivalile, luciit, Rey, DUD)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SQUATTER S57 <sup>SV</sup>	REILAND KOJO K534 <sup>SV</sup>	TALOOBY CRACKER C65 <sup>SV</sup>	EBVs	+0.7	+1.3	+3.6	+88	+79	+20	+1.9	+0.9	+3.6	+0.7	
39	NDC04CE7 (UDD) 07/00/0004	NPGN52 TALOOBY NEPTUNE N52 <sup>SV</sup>	NPGG153 TALOOBY MOONGARA G153#	Acc	49%	41%	69%	68%	65%	57%	63%	65%	59%	58%	
	NPG21S57 (HBR) 27/08/2021	TALOOBY MOONGARA D19#	TALOOBY MOONGARA B89#					Trait	s Observed: G	enomics	-				

Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation				AMFU,CAFU,	DDFU,NHFU	Buyer
LOT	(Name, Ident, Reg, DOB)	Sire 3 Details	Duill's Details	TransTasman Angus Cattle Evoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SQUATTER S71 <sup>s</sup>	TE MANIA 11 465 <sup>sv</sup>	SILVEIRAS CONVERSION 8064#	EBVs	-2.4	-6.3	+3.6	+73	+54	+15	+3.0	+4.2	+6.3	+2.3	
40		NPGM19 TALOOBY MUGGER M19 <sup>sv</sup>	NPGL111 TALOOBY ANNABELLE L111#	Acc	54%	48%	71%	69%	66%	59%	63%	65%	60%	60%	
	NPG21S71 (HBR) 31/07/2	TALOOBY LODELLE G3#	TALOOBY ANNABELLE A29#					Traits (	Observed: BW	T,Genomics					
Lot	Animal Details (Name, Ident, Reg. DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans				I			AMFU,CAFU,	-, -	Buyer
	(Name, Ident, Reg, DOB)				CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S309 <sup>SV</sup>	TALOOBY HERALD H78 <sup>sv</sup>	TALOOBY HALLMARK H58 <sup>sv</sup>	EBVs	+4.0	+0.5	+5.1	+90	+85	+11	+1.0	+1.4	+3.7	+2.0	
41	NDN215200 (ADD) 02/02/0	NPGL86 TALOOBY LOCHINVAR L86 <sup>SV</sup>	NRNL323 TALOOBY APR L323#	Acc	51%	42%	73%	69%	66%	56%	61%	65%	58%	59%	
	NRN21S309 (APR) 02/08/2	TALOOBY PRIDE H36#	TALOOBY APR B305#					Traits	Observed: BW	T,Genomics					
Lot	Animal Details (Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TACE	-	r 2022 Trans				I		1	AMFU,CAFU,		Buyer
	(Name, Ident, Reg, DOD)			TransTasman Angus Cartle Production	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S312 <sup>SV</sup>	TALOOBY HERALD H78 <sup>sv</sup>	TALOOBY GALAXY G121sv	EBVs	+6.0	+0.4	+4.2	+91	+76	+20	+1.2	+2.2	+1.9	+1.4	
42	NDN045240 (ADD) 20 (07/0	NPGL86 TALOOBY LOCHINVAR L86 <sup>SV</sup>	NRNK322 TALOOBY APR K322#	Acc	51%	43%	72%	68%	66%	57%	61%	66%	59%	60%	
	NRN21S312 (APR) 30/07/2	TALOOBY PRIDE H36#	TALOOBY APR F293#					Trai	ts Observed: 0	enomics					
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation				AMFU,CAFU,	DDFU,NHFU	Buyer
	(Name, Ident, Reg, DOB)			TransTasman Angus Cartie Fuoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SCULPTOR S100	sv TE MANIA FOE F734 <sup>sv</sup>	TALOOBY BARRISTER B34 <sup>SV</sup>	EBVs	+9.5	+0.8	+1.6	+108	+76	+23	+2.3	+0.4	+6.5	+0.8	
43	NDC045400 (UDD) 45 (00 (0	GTNM6 CHILTERN PARK MOE M6 <sup>PV</sup>	NPGF40 TALOOBY ZODIAC F40#	Acc	59%	50%	73%	71%	68%	62%	67%	68%	63%	63%	
	NPG21S100 (HBR) 15/08/2	STRATHEWEN TIMEOUT JADE F15 <sup>PV</sup>	TALOOBY ZODIAC B60#					Traits OI	oserved: GL,B	WT,Genomics					
	Animal Details			TACE	Septembe	er 2022 Trans	Tasman And	gus Cattle Ev	aluation				AMFU,CAFU,	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SONIC S120sv	MUSGRAVE MEDIATORPV	MUSGRAVE BIG SKYPV	EBVs	-9.0	-0.1	+5.6	+125	+98	+17	+2.6	-2.7	+5.0	+1.3	
44	TALOODT SOME SIZO	NPGN127 TALOOBY NEVADA N127 <sup>SV</sup>	NPGN30 TALOOBY ZODIAC N30#	Acc	53%	46%	71%	69%	67%	60%	64%	66%	60%	60%	
	NPG21S120 (HBR) 27/08/2	D21 TALOOBY PRIDE D53#	TALOOBY ZODIAC D20#			1		Traits (	Observed: BW	T,Genomics	1	1	1	1	
l at	Animal Details	Circle Details	Dam's Dataile	TACE	Septembe	r 2022 Trans	aTasman Ang	gus Cattle Ev	aluation			ļ	AM1%,CAFU,	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SEOUEL S85#	ALBERDA TRAVELER 416#	Q A S TRAVELER 23-4#	EBVs	+7.5	-3.6	+3.0	+80	+74	+10	+2.2	-1.3	+3.1	+1.5	
45	INFOODI PEGOEF 202	NBHV20 CLUNIE RANGE VENTURA V20#	NPGJ37+89 TALOOBY HELEN J37+89#	Acc	60%	55%	74%	73%	72%	70%	69%	71%	66%	66%	
	NPG21S85 (HBR) 10/08/2	021 CLUNIE RANGE NAOMI T12#	TALOOBY HELEN D43.#					Traits (	Observed: BW	T,Genomics					
Lot	Animal Details	Cirale Dataile	Dam's Datails	TACE	Septembe	er 2022 Trans	aTasman Ang	gus Cattle Ev	aluation				AMFU,CAFU,	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sire's Details	Dam's Details	Transfarman Angus Cattle Fushiation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY SCULPTOR S90	TE MANIA FOE F734 <sup>SV</sup>	ALPINE EDDRICK E154PV	EBVs	+3.0	+3.7	+5.1	+89	+74	+8	+1.2	-0.5	+8.6	+1.2	
46	WEGOD! SCOLLION 330	GTNM6 CHILTERN PARK MOE M6 <sup>PV</sup>	NPGK85 TALOOBY SATURN K85#	Acc	59%	49%	73%	71%	68%	63%	66%	68%	63%	63%	
	NPG21S90 (HBR) 11/08/2	221 STRATHEWEN TIMEOUT JADE F15PV	TALOOBY SATURN B41#		1	1		Traits OI	oserved: GL,B\	NT,Genomics	1	1	1		

Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation		,		AMFU,CAFU,I	DDFU,NHFU	Buyer
LUI	(Name, Ident, Reg, DOB)	2116.2 Dergil2	Daili 2 Defail2	TransTasman Angus Cartie Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY APR S330sv	MUSGRAVE MEDIATORPV	TALOOBY HERALD H785V	EBVs	+3.5	+6.4	+3.4	+98	+89	+11	+0.9	-1.1	+2.0	+1.7	
47	NDN045320 (ADD) 04/00/0004	NPGN127 TALOOBY NEVADA N127sv	NRNN300 TALOOBY APR N300#	Acc	50%	43%	71%	68%	65%	57%	62%	65%	59%	59%	
	NRN21S330 (APR) 01/08/2021	TALOOBY PRIDE D53#	TALOOBY APR J259#					Traits	Observed: BW	T,Genomics					
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation			Α	MFU,CA1%,I	DDFU,NHFU	Buyer
Lot	(Name, Ident, Reg, DOB)	Sile 3 Details	Duill's Details	TransTasman Angus Carda Puoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY RED RHUBARB	LEACHMAN PLEDGE A282Z (RED)# USA3494126 HXC ALLEGIANCE 5502C	TALOOBY GECKO G150 (RED) <sup>SV</sup> BGVK722 TALOOBY RED EMERALD K722	EBVs	+9.4	+5.1	+1.5	+97	+84	+15	+2.8	+0.1	+4.4	+0.9	
48	R708#	(RED)PV	(RED)#	Acc	45%	27%	71%	67%	59%	36%	65%	48%	49%	38%	
	BGVR708 (APR) 04/08/2020	HXC 100Y (RED)#	TALOOBY RED EMERALD E701 (RED)#				Traits O	bserved: GL,B	WT,600WT,S0	,Scan(EMA,Ri	b,Rump,IMF)		:		
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation		T	A	MFU,CAFU,D	D1%,NHFU	Buyer
	(Name, Ident, Reg, DOB)			TransTasman Angus Cartie Fuoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY RED RHUBARB	LEACHMAN PLEDGE A282Z (RED)# USA3494126 HXC ALLEGIANCE 5502C	BST TULLATOOLA FULLY LOADED E69 (RED) <sup>SV</sup> BGVH733 TALOOBY RED COPPER H733	EBVs	+3.6	+2.1	+4.2	+94	+90	+12	+0.9	-0.6	+1.7	+1.0	
49	R721#	(RED) <sup>PV</sup> HXC 100Y (RED)#	(RFD)#	Acc	44%	27%	70%	67%	58%	35%	65%	47%	49%	37%	
	BGVR721 (APR)   19/08/2020	HAC IOUY (RED)"	TALOOBY RED COPPER C5 (RED)#				Traits Obs	served: GL,CE,	BWT,600WT,	SC,Scan(EMA,I	Rib,Rump,IMF)				
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation			IA.	MFU,CA1%,D	D2%,NHFU	Buyer
	(Name, Ident, Reg, DOB)	Sile 3 Details	built 5 betails	TransTasman Angus Cartie Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY RED RHUBARB	LEACHMAN PLEDGE A282Z (RED)#	Talooby Wagner W99 (RED)#	EBVs	+9.2	+6.0	+1.0	+81	+70	+15	+1.7	-0.4	+2.7	+1.2	
50	R718#	USA3494126 HXC ALLEGIANCE 5502C (RED)PV	BGVD716 TALOOBY RED D716 (RED)#	Acc	45%	28%	71%	68%	60%	40%	66%	51%	51%	42%	
	BGVR718 (APR) 12/08/2020	HXC 100Y (RED)#	TALOOBY RED COPPER Z16 (RED)#				Traits Obs	served: GL,CE,	BWT,600WT,	SC,Scan(EMA,I	Rib,Rump,IMF)				
Lot	Animal Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation			AM2	2%,CA2%,DE	)2%,NH2%	Buyer
LUI	(Name, Ident, Reg, DOB)	טווכ ז טכנמווז	מווו א שכנמווא	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
	TALOOBY RED RONNIE	RED LAZY MC SPYDER 149A (RED)SV	SCHIPPS RED BONZA BO11 (RED)#	EBVs	+1.1	-0.2	+4.1	+73	+67	+11	+1.3	-1.6	+4.4	+0.4	
51	R748#	BGVN711 TALOOBY RED NINIAN N711 (RED) <sup>SV</sup>	BGVH723 TALOOBY RED GOLD H723 (RED)#	Acc	45%	33%	70%	56%	53%	42%	50%	49%	45%	43%	
	BGVR748 (APR)   10/10/2020	TALOOBY RED EMERALD G716 (RED)#	TALOOBY RED GOLD Y1 (RED)#				Traits OI	bserved: CE,B	WT,600WT,S0	.,Scan(EMA,Ri	b,Rump,IMF)				

Animal	Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	sTasman An	gus Cattle Ev	aluation				AMFU,CAFL	J,DDF,NHFU	Statistics
(Name, Ident	t, Reg, DOB)	Sile 3 Details	Dain's Details	TransTasman Angus Cattle Publication	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
CHILTERN PARK M	10E M6 <sup>PV</sup>	TE MANIA CALAMUS C46 <sup>SV</sup>	HIDDEN VALLEY TIMEOUT A45sv	EBVs	+8.8	+4.1	+2.8	+138	+92	+27	+1.9	-1.2	+7.1	+1.8	Number of Herds: 135, Prog Analysed: 2088,
		VTMF734 TE MANIA FOE F734 <sup>SV</sup>	VSNF15 STRATHEWEN TIMEOUT JADE F15PV	Acc	89%	71%	99%	96%	90%	87%	96%	90%	88%	87%	Genomic Prog: 812
GTNM6 (HBR)	05/03/2016	TE MANIA DANDLOO D700#	STRATHEWEN 1407 JADE CO5PV					Traits Obs	erved: BWT,20	OWT,Genomi	cs				
Animal		Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	sTasman An	gus Cattle Ev	aluation	I	1		AMFU,CAFU,	DDFU,NHFU	Statistics
(Name, Ident	t, Reg, DOB)			TransTasman Angus Cartle Fuolsation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	Number of Herds: 10.
CLUNIE RANGE VE	ENTURA V20#	D H D TRAVELER 6807#	B/R NEW DESIGN 323#	EBVs	+2.9	-4.5	+4.7	+101	+102	+12	+2.5	-3.0	+3.2	+1.6	Prog Analysed: 311,
NEW (OO (UEE)	04/00/0000	USA416 ALBERDA TRAVELER 416#	NBHT12 CLUNIE RANGE NAOMI T12#	Acc	86%	78%	97%	96%	94%	96%	95%	90%	89%	87%	Genomic Prog: 0
NBHV20 (HBR)	01/09/2000	ALBERDA QUEEN KIMBERLY 222#	CLUNIE RANGE NAOMI R8+96#			1	Traits Observe	d: BWT,200V	/T,400WT,60	OWT,SC,Scan(	EMA,Rib,Rum	p,IMF)			
Animal (Name, Ident		Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	sTasman An	gus Cattle Ev				1	F,DDF,NHF,D\	, ,	Statistics
(Name, Ident	t, reg, DOB)			TransTasman Angus Cartle Puoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	Number of Herds: 1.
HXC ALLEGIANCE	5502C (RED)PV	LSF NEXTPECTATION 0083X (RED)# USA1652360 LEACHMAN PLEDGE A282Z	BECKTON NEBULA P P707 (RED)#	EBVs	+8.5	+4.2	+2.5	+124	+106	+18	+2.6	+0.2	+4.9	+1.3	Prog Analysed: 12,
US 43 40 4405 (UDD)	0.410010045	(RED)#	USA1439136 HXC 100Y (RED)#	Acc	45%	28%	81%	71%	63%	60%	59%	55%	58%	48%	Genomic Prog: 0
USA3494126 (HBR)	04/02/2015	LCOC ZARA TGOO4#	HXC ZIMA 338N (RED)#					T	aits Observed	: None					
Animal	Dotails			TACE	Septembe	r 2022 Trans	sTasman An	gus Cattle Ev	aluation		AMF	,CAF,DDF,NH	IF,MAF,MHF,C	HF,OSF,RGF	Statistics
(Name, Ident		Sire's Details	Dam's Details	IransTasman Angus Cartle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
14115 CD 1415 D46 EV	VCI II CIVIENI	CONNEALY CAPITALIST 028#	MUSGRAVE FOUNDATION#	EBVs	+8.2	+8.2	+3.5	+118	+97	+16	+2.1	+1.3	+7.8	+2.0	Number of Herds: 69,
MUSGRAVE 316 EX	XCTOZIAE	USA17666102 LD CAPITALIST 316PV	USA17511838 MUSGRAVE PRIM LASSIE 163-386#	Acc	81%	62%	98%	96%	87%	80%	96%	87%	87%	85%	Prog Analysed: 1152,
USA18130471 (HBR)	06/02/2015	LD DIXIE ERICA 2053#	SCR PRIM LASSIE 80634#	7100	0170	0270	3070	3070	ts Observed: 0		3070	0170	0170	0370	Genomic Prog: 580
				TACE		2000 T							NEU 6470/ B	D00/ NUIFU	C
Animal		Sire's Details	Dam's Details	IACE	Septembe	r 2022 Trans	siasman An	gus Cattle Ev	aluation			1	MFU,CA7%,D	D2%,NHFU	Statistics
(Name, Ident	t, reg, DOB)			TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	Number of Herds: 1.
TALOOBY APR P2	244 <sup>SV</sup>	TALOOBY CRACKER C65 <sup>SV</sup>	REILAND Z491 <sup>sv</sup>	EBVs	+6.7	+4.3	+1.9	+69	+63	+15	+0.3	+1.7	+3.2	+1.4	Prog Analysed: 14,
NDND044 (ADD)	00/04/0040	NPGL23 TALOOBY LOCHIEL L23sv	NRND210 TALOOBY APR D210#	Acc	61%	48%	81%	74%	72%	64%	68%	69%	63%	63%	Genomic Prog: 0
NRNP244 (APR)	20/04/2018	TALOOBY ZODIAC D20#	TALOOBY APR T1277#				-	Traits	Observed: BW	T,Genomics	-				
Animal	Dotails			TACE	Septembe	r 2022 Trans	sTasman An	gus Cattle Ev	aluation				AMFU,CAFL	J,DDF,NHFU	Statistics
(Name, Ident		Sire's Details	Dam's Details	IransTasman Angus	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
		G A R ULTIMATE#	TALOOBY FIVER F6#	EBVs	+8.6	+2.3	+3.3	+87	+77	+15	+0.8	+1.2	+4.5	+1.9	Number of Herds: 2,
TALOOBY LOCHIN	IVAK T803A	NPGH78 TALOOBY HERALD H78sv	NPGH36 TALOOBY PRIDE H36#	Acc	65%	52%	92%	76%	73%	58%	70%	71%	64%	65%	Prog Analysed: 90,
NPGL86 (HBR)	29/07/2015	TALOOBY ANNABELLE B1095V	TALOOBY PRIDE F33#	ACC	0370	J270			/T.400WT.SC.			1170	0470	0570	Genomic Prog: 0
		MEGODI MINIBELLE BIOS	INCODE FRIDE 133							ocan(EriA,Kib	,Kump,im /				
Animal		Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	sTasman An	gus Cattle Ev	aluation				AMFU,CAFL	J,DDF,NHFU	Statistics
(Name, Ident	t, Reg, DOB)	Site 5 Details	Sam 3 Securis	TransTasman Angus Carrie Fuolisation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	Normalia and COL 100
TALOOBY MARQU	IIS M102 <sup>sv</sup>	TALOOBY EMPEROR E55 <sup>SV</sup>	ALPINE BRADLEY B12PV	EBVs	-8.9	+3.5	+7.6	+131	+110	+20	+4.3	+0.6	+2.9	+1.6	Number of Herds: 2, Prog Analysed: 38,
		NPGH37 TALOOBY HADRIAN H37 <sup>PV</sup>	NPGE90 TALOOBY TALENT E90#	Acc	60%	47%	85%	77%	73%	60%	77%	72%	67%	65%	Genomic Prog: 1
NPGM102 (HBR)	04/08/2016	MILLAH MURRAH FLOWER A34PV	TALOOBY TALENT X32#					Traits	Observed: CE	,Genomics					

Animal	l Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation				AMFU,CAFU,	DDFU,NHFU	Statistics
(Name, Iden	nt, Reg, DOB)	2116 2 Detail2	Daili S DetailS	TransTasman Angus Cartle Puoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
TALOOBY MUGGE	ER M19 <sup>sv</sup>	TUWHARETOA REGENT D145PV	ALPINE DIRECTOR D109sv	EBVs	+2.7	-4.2	+3.4	+92	+71	+17	+2.9	+3.2	+6.4	+2.4	Number of Herds: 2, Prog Analysed: 84,
NECTAL (UES)	40/04/0046	NZE16932011465 TE MANIA 11 465 <sup>SV</sup>	NPGG3 TALOOBY LODELLE G3#	Acc	68%	55%	90%	79%	74%	60%	79%	70%	67%	65%	Genomic Prog: 0
NPGM19 (HBR)	10/04/2016	TE MANIA 05 019#	TALOOBY LODELLE E8#				Traits O	bserved: GL,B	WT,400WT,S0	C,Scan(EMA,R	ib,Rump,IMF)				
	l Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation				AMF,C	AF,DDF,NHF	Statistics
(Name, Iden	nt, Reg, DOB)	Sile 3 Betails	Dun's Details	TransTasman Angus Cartle Fuoluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	Month of Heads 2
TALOOBY NEPTUI	NE N52 <sup>SV</sup>	REILAND INFINITY D960PV	REILAND Z491sv	EBVs	+0.2	+2.8	+5.4	+104	+112	+13	+1.3	-0.6	+1.5	+1.7	Number of Herds: 3, Prog Analysed: 28,
NDCNEO (UDD)	47/04/0047	NLRK534 REILAND KOJO K534 <sup>SV</sup>	NPGD19 TALOOBY MOONGARA D19#	Acc	59%	46%	81%	76%	72%	61%	78%	71%	66%	64%	Genomic Prog: 1
NPGN52 (HBR)	17/04/2017	REILAND WISTERIA G294#	TALOOBY MOONGARA V99#				Traits Ob	served: 400V	VT,SC,Scan(EM	IA,Rib,Rump,I	MF),Genomics	;			
Animal	l Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation				AMFU,CAFL	J,DDF,NHFU	Statistics
(Name, Iden	nt, Reg, DOB)	2116.2 Detail2	Daili 3 Details	TransTasman Angus Cartle Puolsarinn	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
TALOOBY NEVAD	)A N127 <sup>SV</sup>	MUSGRAVE AVIATORSV	MILLAH MURRAH FUTURE DIRECTION A12PV	EBVs	+1.1	+5.2	+3.5	+99	+64	+16	+1.7	-0.7	+2.8	+1.6	Number of Herds: 2, Prog Analysed: 72,
		USA18129638 MUSGRAVE MEDIATORPV	NPGD53 TALOOBY PRIDE D53#	Acc	64%	50%	88%	76%	73%	62%	75%	70%	66%	64%	Genomic Prog: 0
NPGN127 (HBR)	26/08/2017	MUSGRAVE BARBARA LASS 273#	TALOOBY PRIDE U38#					Tra	its Observed:	GL,BWT					
Animal	l Details	Sire's Details	Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation				AMFU,CAF,[	D1%,NHFU	Statistics
(Name, Iden	nt, Reg, DOB)	Sile 2 Details	Daili S DetailS	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
TALOOBY POLKA	P28 <sup>SV</sup>	TALOOBY GARNET G130 <sup>sv</sup>	REILAND Z491sv	EBVs	+4.6	+5.6	+3.5	+79	+85	+9	-0.2	+1.0	+6.3	+1.1	Number of Herds: 2, Prog Analysed: 49,
		NPGK13 TALOOBY KRYPTON K13 <sup>SV</sup>	NPGD19 TALOOBY MOONGARA D19#	Acc	63%	45%	87%	78%	74%	59%	71%	71%	65%	64%	Genomic Prog: 0
NPGP28 (HBR)	16/04/2018	TALOOBY MOONGARA V99#					Traits (	Observed: BW	T,Genomics						
Animal	Animal Details Sire's Details		Dam's Details	TACE	Septembe	r 2022 Trans	Tasman Ang	gus Cattle Ev	aluation				AM1%,CAF,D	D2%,NH1%	Statistics
(Name, Iden	nt, Reg, DOB)	Sile 2 Detail2	Daili 2 Defail2	TransTasman Angus Cattle Evaluation	CEDir	CEDtrs	BW	600	MCW	Milk	SS	Rib	EMA	IMF	
TALOOBY RED NII	INIAN N711	RED LAZY MC EYE SPY 64Y (RED)#	BST TULLATOOLA FULLY LOADED E69 (RED) <sup>SV</sup>	EBVs	+7.0	+3.5	+1.9	+63	+49	+16	+1.7	-0.7	+5.8	+0.3	Number of Herds: 2, Prog Analysed: 21,
(RED) <sup>SV</sup>		CAN1756357 RED LAZY MC SPYDER 149A (RED) <sup>SV</sup>	BGVG716 TALOOBY RED EMERALD G716 (RED)#	Acc	57%	40%	85%	78%	73%	60%	71%	68%	63%	61%	Genomic Prog: 0
BGVN711 (APR)	20/08/2017	RED LAZY MC LARKABA 127Y (RED)#	TALOOBY RED D703 (RED)#			•		Traits OI	oserved: GL,B	WT,Genomics	•	•	•		

# **TransTasman Angus Cattle Evaluation - September 2022 Reference Tables**



										BRI	EED A	VERA	GE EB	Vs									
Calving Ease Birth Growth Fertility Carcase Other Structure Selection In													Indexes										
	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	<b>EMA</b>	RIB	P8	RBY	IMF	NFI-F	DOC	Angle	Claw	\$A	\$A-L
Brd Avg	+2.1	+2.5	-4.7	+4.1	+49	+89	+116	+100	+17	+2.1	-4.6	+66	+6.1	+0.0	-0.4	+0.5	+2.1	+0.18	+7	+0.98	+0.85	+192	+333

<sup>\*</sup> Breed average represents the average EBV of all 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the September 2022 TransTasman Angus Cattle Evaluation .

										PERC	ENTIL	E BAN	IDS T	ABLE									
	Calvin	g Ease	Bi	rth			Growth			Fer	tility			Car	case			Ot	her	Stru	ıcture	Selection	n Indexes
% Band	CEDir	CEDtrs	GL	BW	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-F	DOC	Angle	Claw	\$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	Greater Feed Efficiency	More Docile	More	More	Greater Profitability	Greater Profitability
1%	+10.8	+9.8	-10.6	-0.1	+68	+120	+160	+158	+28	+4.6	-9.9	+93	+12.6	+3.6	+3.6	+2.9	+4.6	-0.58	+36	+0.60	+0.44	+278	+450
5%	+8.9	+8.1	-8.7	+1.2	+62	+110	+146	+138	+25	+3.7	-8.3	+85	+10.5	+2.4	+2.3	+2.1	+3.8	-0.34	+27	+0.72	+0.56	+254	+419
10%	+7.8	+7.2	-7.8	+1.9	+59	+105	+139	+129	+23	+3.3	-7.4	+80	+9.4	+1.8	+1.6	+1.7	+3.4	-0.22	+23	+0.78	+0.62	+241	+401
15%	+6.9	+6.4	-7.1	+2.4	+57	+102	+134	+123	+22	+3.0	-6.9	+77	+8.7	+1.4	+1.2	+1.5	+3.1	-0.15	+20	+0.82	+0.66	+233	+390
20%	+6.2	+5.8	-6.7	+2.7	+56	+100	+131	+118	+21	+2.8	-6.5	+75	+8.1	+1.1	+0.9	+1.3	+2.9	-0.08	+17	+0.84	+0.70	+226	+380
25%	+5.6	+5.3	-6.2	+3.0	+54	+97	+128	+115	+20	+2.7	-6.1	+73	+7.7	+0.9	+0.7	+1.1	+2.7	-0.03	+15	+0.86	+0.72	+220	+371
30%	+5.0	+4.8	-5.9	+3.2	+53	+95	+125	+111	+19	+2.5	-5.8	+72	+7.3	+0.7	+0.4	+1.0	+2.6	+0.01	+14	+0.90	+0.76	+215	+364
35%	+4.4	+4.3	-5.5	+3.5	+52	+94	+122	+108	+19	+2.4	-5.4	+70	+6.9	+0.5	+0.2	+0.9	+2.4	+0.06	+12	+0.92	+0.78	+210	+357
40%	+3.8	+3.9	-5.2	+3.7	+51	+92	+120	+105	+18	+2.2	-5.2	+69	+6.6	+0.3	+0.0	+0.7	+2.3	+0.10	+10	+0.94	+0.80	+205	+350
45%	+3.3	+3.4	-4.9	+3.9	+50	+91	+118	+102	+18	+2.1	-4.9	+67	+6.3	+0.2	-0.2	+0.6	+2.2	+0.14	+9	+0.96	+0.82	+200	+344
50%	+2.7	+2.9	-4.6	+4.1	+49	+89	+116	+100	+17	+2.0	-4.6	+66	+6.0	+0.0	-0.4	+0.5	+2.0	+0.17	+7	+0.98	+0.84	+195	+337
55%	+2.1	+2.5	-4.3	+4.3	+48	+87	+114	+97	+17	+1.9	-4.3	+65	+5.7	-0.2	-0.6	+0.4	+1.9	+0.21	+6	+1.00	+0.86	+190	+331
60%	+1.5	+1.9	-4.0	+4.5	+47	+86	+112	+94	+16	+1.8	-4.0	+63	+5.4	-0.3	-0.8	+0.3	+1.8	+0.25	+4	+1.02	+0.90	+185	+324
65%	+0.8	+1.4	-3.7	+4.7	+47	+84	+109	+91	+15	+1.7	-3.8	+62	+5.1	-0.5	-1.0	+0.1	+1.7	+0.29	+3	+1.04	+0.92	+180	+317
70%	+0.1	+0.8	-3.4	+5.0	+45	+83	+107	+88	+15	+1.5	-3.4	+60	+4.8	-0.7	-1.2	+0.0	+1.5	+0.34	+1	+1.06	+0.94	+175	+309
75%	-0.8	+0.1	-3.1	+5.2	+44	+81	+104	+85	+14	+1.4	-3.1	+59	+4.4	-0.9	-1.4	-0.2	+1.4	+0.39	-1	+1.08	+0.98	+168	+300
80%	-1.7	-0.7	-2.7	+5.5	+43	+79	+101	+82	+13	+1.3	-2.7	+57	+4.1	-1.1	-1.6	-0.3	+1.2	+0.44	-3	+1.12	+1.00	+161	+289
85%	-2.9	-1.6	-2.2	+5.9	+41	+76	+98	+77	+13	+1.1	-2.3	+55	+3.6	-1.4	-2.0	-0.5	+1.1	+0.51	-5	+1.14	+1.04	+152	+276
90%	-4.5	-2.8	-1.6	+6.3	+40	+73	+93	+71	+11	+0.8	-1.7	+52	+3.0	-1.7	-2.4	-0.8	+0.8	+0.59	-8	+1.20	+1.10	+139	+258
95%	-6.9	-4.7	-0.7	+7.0	+36	+68	+86	+62	+10	+0.5	-0.8	+47	+2.1	-2.2	-3.0	-1.2	+0.5	+0.72	-12	+1.26	+1.18	+118	+228
99%	-12.3	-8.8	+1.3	+8.4	+29	+56	+70	+44	+7	-0.3	+1.3	+37	+0.0	-3.3	-4.3	-2.1	-0.1	+0.97	-20	+1.40	+1.32	+78	+164
	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	Less	Lower Feed Efficiency	Less	Less	Less	Lower Profitability	Lower Profitability

<sup>\*</sup> The percentile bands represent the distribution of EBVs across the 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the September 2022 TransTasman Angus Cattle Evaluation .

# **TransTasman Angus Cattle Evaluation - September 2022 Reference Tables**



	BREED AVERAGE EBVs												
	\$A	\$D	\$GN	\$GS	\$A-L	\$D-L	\$GN-L	\$GS-L	\$PRO	\$T			
Brd Avg	+192	+159	+253	+176	+333	+287	+396	+373	+139	+178			

<sup>\*</sup> Breed average represents the average EBV of all 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the September 2022 TransTasman Angus Cattle Evaluation .

PERCENTILE BANDS TABLE											
% Band	\$A	\$D	\$GN	\$GS	\$A-L	\$D-L	\$GN-L	\$GS-L	\$PRO	\$T	
	Greater Profitability										
1% 5% 10% 15% 20% 25% 30% 35% 40% 45% 50% 55% 60%	+278 +254 +241 +233 +226 +220 +215 +210 +205 +200 +195 +190 +185	+231 +210 +199 +192 +186 +181 +176 +172 +168 +164 +161 +157 +153	+373 +340 +322 +309 +299 +291 +283 +276 +269 +262 +256 +249 +242	+264 +240 +227 +218 +211 +204 +199 +194 +189 +184 +179 +174 +169	+450 +419 +401 +390 +380 +371 +364 +357 +350 +344 +337 +331 +324	+389 +361 +346 +336 +328 +320 +314 +308 +302 +296 +291 +285 +279	+546 +507 +485 +469 +457 +446 +437 +427 +419 +410 +402 +394 +384	+509 +472 +453 +439 +427 +418 +409 +401 +393 +386 +378 +370 +362	+218 +196 +184 +176 +170 +165 +160 +155 +151 +146 +142 +138 +133	+241 +225 +215 +209 +203 +199 +194 +191 +187 +183 +180 +176 +172	
65% 70% 75% 80% 85% 90% 95% 99%	+180 +175 +168 +161 +152 +139 +118 +778 +118	+148 +144 +139 +133 +126 +116 +99 +68	+235 +227 +218 +209 +197 +180 +152 +101 Lawol	+163 +157 +151 +144 +135 +122 +102 +65 Valigability	+317 +309 +300 +289 +276 +258 +228 +164	+273 +266 +259 +250 +239 +224 +199 +147	+375 +365 +354 +341 +324 +302 +265 +189	+354 +345 +335 +323 +308 +289 +256 +184	+129 +123 +118 +111 +102 +91 +72 +37	+169 +164 +159 +154 +147 +138 +123 +89	

<sup>\*</sup> The percentile bands represent the distribution of EBVs across the 2020 drop Australian Angus and Angus-influenced seedstock animals analysed in the September 2022 TransTasman Angus Cattle Evaluation .

## **EBV Quick Reference for Talooby**

Animal Idan	Calvir	ng Ease	Bi	rth		Gro	wth			Fertility				Car	case			Otl	her	Structu	ıral	Selection	Indexes
Animal Ident	CED	CEM	GL	BW	200	400	600	MCW	Milk	ss	DC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw	\$A	\$A-L
4 NRN21S210	-8.8	-2.6	-0.6	+8.1	+44	+81	+117	+110	+16	+3.2	-2.8	+64	+2.2	+0.0	-0.9	+0.5	+1.4	+0.19	-	-	-	\$98	\$205
5 NPG21S3	-2.8	+4.7	-2.9	+5.1	+41	+76	+104	+83	+18	+3.3	-4.0	+56	+3.0	+0.2	+0.5	+0.3	+1.6	+0.11	-	-	-	\$149	\$258
6 NRN21S241	+3.5	+5.0	-3.3	+4.4	+46	+82	+103	+90	+13	+1.7	-3.5	+60	+5.9	+0.7	+0.3	+0.7	+1.6	+0.18	-	-	-	\$182	\$315
7 NRN21S249	+5.2	+6.5	-2.3	+3.1	+43	+80	+99	+83	+17	+1.6	-3.9	+60	+6.4	+0.6	-0.1	+0.6	+1.7	+0.26	-	-	-	\$182	\$313
8 NRN21S254	+6.3	+5.1	-3.9	+3.7	+45	+82	+103	+88	+14	+1.8	-2.0	+59	+5.0	+0.8	+0.2	+0.3	+1.5	+0.18	-	-	-	\$169	\$301
9 NRN21S248	+1.1	-1.2	-0.2	+4.2	+35	+65	+83	+71	+10	+1.9	-2.7	+44	+4.1	+1.8	+1.5	-0.4	+1.5	+0.32	-	-	-	\$124	\$221
10 NRN21S236	+5.4	+6.6	-4.5	+3.1	+45	+82	+100	+86	+16	+1.6	-3.6	+61	+5.7	+0.4	-0.3	+0.7	+1.9	+0.16	-	-	-	\$190	\$324
11 NRN21S268	+1.7	+5.1	-1.3	+3.1	+43	+78	+97	+70	+16	+1.8	-3.8	+56	+2.5	+0.0	-0.4	+0.0	+1.4	-0.38	-	-	-	\$174	\$284
13 NPG21S41	+0.3	+3.6	-2.3	+4.2	+42	+75	+98	+75	+14	+1.7	-3.9	+57	+3.2	-0.3	-0.5	+0.5	+1.5	-0.13	-	-	-	\$167	\$275
14 NRN21S263	-0.1	+2.9	-0.8	+6.3	+50	+85	+111	+104	+12	+2.1	-2.1	+61	+5.2	+0.3	-0.3	+0.5	+1.6	+0.03	-	-	-	\$158	\$289
15 NRN21S266	+6.9	+5.3	-2.8	+2.9	+42	+74	+92	+79	+13	+1.6	-1.3	+53	+4.9	+0.8	-0.2	+0.4	+1.3	+0.25	-	-	-	\$156	\$277
16 NRN21S235	+6.2	+7.2	-7.4	+3.3	+43	+77	+98	+85	+11	+1.5	-3.6	+58	+5.8	+0.8	+0.6	+0.2	+1.8	+0.22	-	-	-	\$180	\$315
17 NRN21S219	+3.6	+0.2	-0.9	+3.4	+31	+59	+78	+69	+13	+1.7	-3.6	+43	+4.7	+1.7	+1.4	-0.6	+1.9	+0.44	-	-	-	\$123	\$224
18 NRN21S251	+6.2	+6.4	-1.8	+2.5	+41	+77	+93	+79	+18	+1.2	-2.3	+57	+5.5	+1.2	+1.0	-0.1	+1.7	+0.24	-	-	-	\$166	\$291
19 NPG21S47	-2.2	-3.8	+0.9	+5.3	+36	+67	+88	+73	+12	+2.1	-2.7	+47	+4.4	+1.8	+1.6	-0.4	+1.7	+0.42	-	-	-	\$122	\$212
20 NRN21S292	+1.9	+4.6	-2.1	+3.4	+41	+76	+96	+71	+15	+1.9	-4.1	+57	+3.6	-0.4	-0.8	+0.7	+1.6	-0.14	-	-	-	\$177	\$288
21 NPG21S133	+4.3	+6.4	-3.3	+3.9	+42	+76	+91	+67	+11	+2.2	-4.4	+52	+2.9	+1.6	+0.7	-0.1	+1.5	-0.09	-	-	-	\$176	\$292
22 NPG21S38	+3.3	+0.3	-0.8	+3.3	+35	+66	+85	+69	+16	+1.9	-4.6	+48	+4.7	+2.3	+2.8	-0.9	+1.8	+0.47	-	-	-	\$150	\$256
23 NPG21S13	+6.8	+6.3	-3.0	+2.8	+40	+74	+90	+74	+14	+1.5	-2.4	+52	+3.9	+1.1	+0.5	-0.1	+1.3	+0.18	-	-	-	\$156	\$276
24 NRN21S237	+2.0	+5.9	-4.1	+4.4	+50	+86	+109	+94	+13	+1.5	-3.2	+62	+5.5	+0.7	+0.4	+0.2	+1.4	+0.35	-	-	-	\$185	\$320
25 NPG21S51	+3.9	+4.8	-2.2	+3.2	+38	+71	+89	+64	+15	+1.7	-3.6	+51	+4.2	-0.2	-0.7	+0.9	+1.3	-0.10	-	-	-	\$167	\$272
26 NPG21S34	+3.8	+4.0	-1.7	+3.2	+39	+72	+91	+69	+14	+1.8	-2.7	+52	+3.9	-0.2	-0.9	+0.8	+1.4	-0.10	-	-	-	\$161	\$268
27 NRN21S291	-0.3	+0.7	-1.6	+3.9	+40	+73	+94	+80	+15	+2.0	-4.4	+52	+5.5	+1.5	+1.7	-0.5	+1.8	+0.61	-	-	-	\$153	\$264
28 NRN21S253	+6.6	+0.8	-1.8	+2.5	+36	+67	+82	+64	+16	+2.1	-4.4	+49	+5.8	+1.5	+1.0	+0.1	+2.1	+0.61	-	-	-	\$167	\$275
29 NPG21S132	+3.5	+2.8	-3.6	+3.8	+40	+75	+98	+76	+15	+2.1	-3.6	+53	+2.7	-0.3	-0.4	+0.7	+1.3	-0.14	-	-	-	\$160	\$274
30 NPG21S22	+3.7	+4.3	-2.3	+3.7	+33	+60	+82	+83	+12	+0.5	-1.1	+40	+3.2	+0.7	+0.6	-0.3	+1.2	+0.09	-	-	-	\$96	\$203
31 NRN21S270	+4.2	+2.0	-3.2	+4.1	+32	+57	+81	+77	+13	+0.9	-2.0	+41	+3.4	+1.0	+0.6	-0.3	+1.6	+0.19	-	-	-	\$107	\$209
32 NRN21S290	+6.2	+1.9	-2.8	+2.6	+31	+59	+79	+69	+15	+1.3	-3.0	+43	+5.0	+1.0	+0.6	+0.0	+1.8	+0.41	-	-	-	\$128	\$232
33 NRN21S271	+6.1	+3.8	-4.8	+2.7	+29	+55	+74	+67	+14	+0.8	-3.6	+40	+2.6	+2.0	+1.9	-0.9	+1.5	+0.35	-	-	-	\$114	\$216
34 NRN21S246	+5.9	+3.5	-3.4	+2.8	+30	+58	+78	+71	+15	+0.5	-2.2	+43	+3.4	+1.7	+1.4	-0.7	+1.6	+0.32	-	-	-	\$113	\$216
35 NRN21S255	+6.5	+2.6	-3.0	+2.4	+31	+58	+77	+65	+15	+1.3	-3.3	+42	+4.5	+1.6	+1.2	-0.4	+1.8	+0.45	-	-	-	\$136	\$239
36 NPG21S31	+5.4	+4.0	-3.1	+3.8	+35	+61	+83	+80	+12	+0.5	-1.2	+45	+5.8	+0.5	-0.5	+0.6	+1.4	+0.24	-	-	-	\$120	\$229
37 NRN21S224	+6.4	+4.4	-5.2	+2.2	+28	+51	+69	+61	+12	+0.5	-3.2	+36	+3.9	+1.3	+1.2	-0.3	+1.4	+0.22	-	-	-	\$120	\$216
38 NRN21S331	+5.9	+7.0	-4.6	+3.1	+51	+99	+133	+101	+24	+2.0	-5.3	+76	+7.9	-1.1	-1.1	+2.0	+0.0	+0.12	-	+0.82	+0.58	\$212	\$371
Transtamen Angus Carde Evaluation	<b>CED</b> +2.1	<b>CEM</b> +2.5	<b>GL</b> -4.7	<b>BW</b> +4.1	<b>200</b> +49	<b>400</b> +89	<b>600</b> +116	<b>MCW</b> +100	<b>Milk</b> +17	<b>SS</b> +2.1	<b>DC</b> -4.6	<b>CWT</b> +66	<b>EMA</b> +6.1	<b>Rib</b> +0.0	Rump -0.4	<b>RBY</b> +0.5	<b>IMF</b> +2.1	<b>NFI-F</b> +0.18	<b>Doc</b> +7	<b>Angle</b> +0.98	<b>Claw</b> +0.85	<b>\$A</b> +192	<b>\$A-L</b> +333

## **EBV Quick Reference for Talooby**

Animal Ident	Calvii	Calving Ease		g Ease Birth		Gro	owth			Fertility				Ca	rcase			Ot	her	Structi	ıral	Selection	Indexes
Animai ident	CED	CEM	GL	BW	200	400	600	MCW	Milk	ss	DC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw	\$A	\$A-L
39 NPG21S57	+0.7	+1.3	-2.2	+3.6	+34	+68	+88	+79	+20	+1.9	-2.6	+49	+3.6	+0.9	+0.6	+0.0	+0.7	+0.30	-	+1.10	+0.88	\$101	\$203
40 NPG21S71	-2.4	-6.3	-1.4	+3.6	+33	+60	+73	+54	+15	+3.0	-4.4	+41	+6.3	+4.2	+5.2	-1.5	+2.3	+0.78	-	+1.18	+0.94	\$141	\$218
41 NRN21S309	+4.0	+0.5	-3.0	+5.1	+39	+72	+90	+85	+11	+1.0	-3.5	+50	+3.7	+1.4	+1.1	-0.3	+2.0	+0.67	-	+0.84	+0.76	\$143	\$262
42 NRN21S312	+6.0	+0.4	-4.6	+4.2	+37	+69	+91	+76	+20	+1.2	-3.5	+63	+1.9	+2.2	+1.1	-1.3	+1.4	+0.67	-	+1.00	+0.88	\$127	\$238
43 NPG21S100	+9.5	+0.8	-4.6	+1.6	+42	+83	+108	+76	+23	+2.3	-3.2	+52	+6.5	+0.4	+1.1	+0.5	+0.8	-0.13	-	+0.88	+0.80	\$181	\$306
44 NPG21S120	-9.0	-0.1	-1.1	+5.6	+51	+96	+125	+98	+17	+2.6	-0.9	+68	+5.0	-2.7	-3.2	+2.2	+1.3	-0.20	-	+0.86	+0.62	\$160	\$264
45 NPG21S85	+7.5	-3.6	-0.5	+3.0	+30	+58	+80	+74	+10	+2.2	+0.0	+40	+3.1	-1.3	-0.8	+0.5	+1.5	+0.22	-	+1.30	+1.18	\$94	\$190
46 NPG21S90	+3.0	+3.7	-6.4	+5.1	+40	+68	+89	+74	+8	+1.2	-2.7	+43	+8.6	-0.5	+0.4	+1.1	+1.2	+0.31	-	+0.92	+0.74	\$158	\$266
47 NRN21S330	+3.5	+6.4	-2.3	+3.4	+42	+79	+98	+89	+11	+0.9	-4.2	+62	+2.0	-1.1	-1.9	+0.8	+1.7	-0.37	-	+0.94	+0.64	\$166	\$296
48 BGVR708	+9.4	+5.1	-8.3	+1.5	+40	+74	+97	+84	+15	+2.8	-	+57	+4.4	+0.1	-0.2	+0.7	+0.9	+0.32	-	-	-	\$151	\$280
49 BGVR721	+3.6	+2.1	-1.7	+4.2	+41	+71	+94	+90	+12	+0.9	-	+53	+1.7	-0.6	-0.9	+0.1	+1.0	-0.08	-	-	-	\$126	\$243
50 BGVR718	+9.2	+6.0	-4.8	+1.0	+35	+65	+81	+70	+15	+1.7	-1.2	+50	+2.7	-0.4	-1.1	+0.3	+1.2	+0.15	-	-	-	\$131	\$241
51 BGVR748	+1.1	-0.2	-3.5	+4.1	+30	+55	+73	+67	+11	+1.3	-2.8	+46	+4.4	-1.6	-1.4	+1.3	+0.4	+0.01	-	-	-	\$91	\$175
TACE	CED	CEM	GL	BW	200	400	600	MCW	Milk	ss	DC	CWT	EMA	Rib	Rump	RBY	IMF	NFI-F	Doc	Angle	Claw	\$A	\$A-L
Transfarman Angus Cartle Rvaluation	+2.1	+2.5	-4.7	+4.1	+49	+89	+116	+100	+17	+2.1	-4.6	+66	+6.1	+0.0	-0.4	+0.5	+2.1	+0.18	+7	+0.98	+0.85	+192	+333



#### 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)

			NUNEK21AUNINA E211MATEN RKEENINA AAFAE2 (	TEDA21		
a)	CEDir	%	Genetic differences in the ability of a sire's calves to be born unassisted from 2 year old helfers.	Higher EBVs indicate fewer calving difficulties in 2 year old heifers.		
Calving Ease	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.		
Calv	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.		
	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.		
ے	400 Day	kg	Genetic differences between animals in live weight at 400 days of age.	Higher EBVs indicate heavier live weight.		
Growth	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.		
Fert	SS	cm	Genetic differences between animals in scrotal circumference at $400$ days of age.	Higher EBVs indicate larger scrotal circumference.		
	cwt	kg	Genetic differences between animals in hot standard carcase weight at 750 days of age. $ \\$	Higher EBVs indicate heavier carcase weight.		
	EMA	cm <sup>2</sup>	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.		
Carcase	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.		
Care	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.		
Stru	Claw Set	score	Genetic differences in claw set structure (shape and evenness of claws).	Lower EBVs indicate more desirable claw structure.		
	\$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.		
Selection Index			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 SA-L index is similar to the SA index but is modelled on a production	Higher selection indexes		
Se	\$A-L	\$	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 SA aims to maintain mature cow weight, the SA-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	indicate greater profitability.		
			herd increase as a result of selection decisions.			

## 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.

## 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.

#### Parent Verification Suffixes

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.

l, 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	ne purposes of effecting a change of registration
of the animals I have mentioned above that I have purchas	ed, maintaining its database and disclosing that
information to its members on its website.	
Name:	Signature:
Date:	
Please forward this completed consent form to Angus Aust	ralia, 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



# 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.

**Notes** 

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