MERLEWOOD ANGUS

INAUGURAL AUTUMN BULL SALE

24 March 2017 at 11:30am On Property Sale

32 BULLS

From leading industry reference sires









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880 Berrys Creek Rd, Mirboo North Victoria 3871

32 BULLS

From leading industry reference sires

Stud Principals Daniel and Anne Marie Barrow M. 0425 862 941 E. merlewoodangus@bigpond.com

Breed Consultant : Wille Milne M.0428 793 521

LANDMARK

Landmark : Ray Attwell M.0428 836 136 Peter Godbolt M. 0457 591 929 Brian McCormack 0407 931 735



Elders : Ross Milne M. 0408 057 558 Dennis Linley M. 0417 052 445 Peter Rollason M. 0419 600 323 Angus Australia Assured PEDIGREE BREEDPLAN BREEDPLAN

Sale Information

INSPECTION:

Sale commences at 11:30am on Friday 24 March 2017 with sale bulls being penned and available for viewing from 8:00am onwards on sale day. The bulls will be sold by open-cry auction with video footage of each sale bull displayed on large screens in the background. With the welfare of our animals being our utmost priority, along with health and safety of both humans and cattle, we believe viewing the animals in their pen prior to the auction and recapping each lot with a live video segment during the auction makes for a pleasurable day for farmers and bulls alike. Ben Hooper from Clear Vision Imaging will be filming the bulls and delivering the video footage on the day. If, for some reason, you missed us at our Beef Week Open Day and wish to inspect the bulls prior to our sale day, please feel free to call Anne Marie on 0425 862 941 to arrange a private inspection. General queries welcome too.

TELEPHONE BIDDING:

Picked out your favourite bull at our Beef Week Open Day or at a private inspection and can't make the sale day? Not a problem. Just contact Ross Milne of Elders on 0408 057 558 or Ray Attwell of Landmark on 0428 836 126 to arrange telephone bidding.

HERD HEALTH:

All sale bulls are vaccinated for Vibriosis and Pestivirus (BVDV). **Please note that your bull is due his Vibrovax and Pestiguard annual booster in January 2018.** These are important annual vaccinations (one shot booster) to ensure continued immunity against both the reproductive diseases of Vibriosis and Pestivirus respectively.

All our bulls receive 7-in-1 vaccination at weaning with their annual booster being administered presale. **Please note that your bulls is due his 7-in1 vaccination (one shot booster) in March 2018.**

All cattle at Merlewood Angus are drenched on an asneed basis and we practice drench rotation – current drench is Dectomax.

All sale bulls have been fertility tested and

independently structurally assessed by Ian Moreland of Studcare Genetics.

All sale bulls are performance recorded HBR or APR with Angus Breedplan and are registered with Angus Society. We will arrange for transfer of ownership with the Angus Society of all sale bulls. Purchasing a registered bull enables you to sell his offspring into select export markets - speak to your local stock agent for more details. If you have an Angus Society prefix, please provide it when you register for the bull sale. During the review and transition period of the Bovine Johnes Disease Market Assurance Program to the new Johne's Beef Assurance Score system (J-BAS) for beef cattle, Merlewood Angus continued to employ the same practices and procedures as our MN2 accreditation certificate number V787 required. We are now pleased to announce that in accordance with the new accreditation system, Merlewood Angus cattle are J-BAS 8. This means that in addition to the implementation of our biosecurity plan, we will continue with our yearly vet audits and our animals will be bloodtested every three years in accordance with industry best practice.

GENETIC CONDITIONS:

The gene status of all sale bulls is clearly displayed for each individual lot.

OUTSIDE AGENT REBATE:

3% rebate will be paid to outside agents that accompany the purchaser to the sale and settle within 7 days of sale date.

1.5% rebate will be paid to outside agents that introduce a client in writing 48 hrs prior to the sale and settle within 7 days of sale date.

0.5% rebate will be paid to outside agents that handle the sale transaction only and settle within 7 days of sale date.

GST:

As is common industry practice, all bulls are sold GST exclusive.



BRINGING YOUR BULL HOME:

Taking the hassle out of arranging transport and to ensure the safe and professional transport of your purchased sale sire(s), our chosen transport carrier this year is Echuca Rural Transport. With stock cameras installed along the total length of the truck sending live video footage to a screen mounted in the truck cab, your driver can monitor your bull at all times during the journey.

All you have to do is simply fill out your details on the form provided when settling with the Landmark team. All sale bulls will be delivered over the weekend Saturday 25 March 2017 and Sunday 26 March 2017. Courteousy of Merlewood Angus free freight will be provided for distances within 150km of our property. Out-with 150km additional costs incurred are the responsibility of the purchaser.

INSURING YOUR BREEDING ASSET:

Please note that at the fall of the hammer the bull belongs to you! As such we strongly recommend that you take out insurance. Landmark will be available on the day to arrange insurance in the event you don't already have an insurance agent for your bulls. Merlewood Angus recommend insuring all bulls for at least the first 2 years of their working life.

SELLING AGENTS:

Landmark and Elders are Merlewood Angus' selling agents.

This year our auctioneer will be Ross Milne.

PRE & POST SALES SERVICE:

We believe that purchasing your bull is only the start of the cattle conversation. We encourage open and honest communication at all times. We are here to answer all your breeding queries and assist you with choosing a bull each year for your commercial breeding program, and as we get to know both you and your herd we can offer a more tailored-service. 0425 862 941 or for specific breed queries please feel free to call our breed consultant Willie Milne 0428 793 521 or your local Elders or Landmark livestock agent.

MERLEWOOD ANGUS GUARANTEE:

Merlewood Angus sale bulls are backed with a 12-month guarantee. In the event of a sale bull proving to be structurally unsound, infertile or incapable of service during this period we will:

1) Replace the bull with a satisfactory replacement

Or

2) If no replacement bull is available, we will issue a refund equal to the value remaining (i.e. sale price minus salvage value)

A veterinary certificate is to be supplied by the purchaser on request.

This guarantee is in addition to normal terms and conditions governing auction sales and as such the vendors decision will be final.

Merlewood Angus bulls are rigorously checked and continually monitored and evaluated. Only the best get to make it to sale day.

SEMEN RIGHTS:

Merlewood Angus retains the right to collect semen from all sale bulls for use within their own herd. In the event of the semen collection right being exercised, this will be at a time convenient to the owner and at Merlewood Angus' cost

DISCLAIMER:

Whilst all due care and attention has been paid to accuracy in the compilation of this catalogue and the information, neither the vendors, selling agents or representatives there of assume any responsibility for the correctness, use or interpretation of this information on animals included herein.

For all your pre-sale queries contact Anne Marie on



Welcome

Dear Fellow Farmers

It is with great pleasure and a lot of excitement that we sit down to write this welcome letter. After almost a decade of living and loving on the land, we are hosting our Inaugural Autumn Bull Sale. This is an exciting milestone for us and with the buoyant beef market our stars seem to be aligned for a successful sale.

Without you, our clients, none of this would be possible and we would like to take this opportunity to thank not only our clients but everyone in the agricultural industry who has supported us on our journey and helped us grow our seed of an idea into the business that it is today. You all know who you are, so there is no need to name names but just to say a HUGE big heartfelt THANK YOU. We really do appreciate your support.

The journey so far has been fun but also a bit of a rollercoaster ride - as we all know farming can be! We have had our ups and our downs; our triumphs and our testing-times – but through it all we have kept our passion and our humour.

We entered the market when confidence, in not only the beef sector but the farming market in general, was low. A decade ago Hereford beef cattle were the predominant breed in the Gippsland -stretching all the way up to the High Country. Dairy farming was the prominent farming enterprise in the Gippsland but the last 5 years in particular have seen a real upsurge in Black Angus Beef Farmers – both breeders and traders alike.

With consumer demand for quality grass fed black angus beef continuously increasing and the ability of farmers in the Gippsland Breeding Bowl to finish and breed

quality cattle on reliable nutrient dense pasture, we have seen a dramatic increase in black angus cattle in the paddocks of the Gippsland. Black Angus cattle now being the dominant breed of our region.

This dovetails nicely with our Inaugural Bull Sale as we bring leading industry black angus stud sires to the region for the commercial farmer to include in their breeding program. We have taken all the hard work out of it for you, the commercial farmer, so you can come along and choose a quality bull that will perform in your paddocks and suit your market objectives. This leaves you, the farmer, free to concentrate on your core business - producing beef.



DANIEL BARROW Operations "With hard work and humility, we can achieve all our goals." Our bulls have been bred to perform in this region and this environment. In order to finish the bulls ready for work in your paddocks, we have supplementary fed the bulls on a minimum crushed rain ration over the summer feed gap period to ensure they meet their target weights. We are mindful that our boys are still growing and are conscious not to put too much weight on them at an early stage. Hence we like to follow a 'finishing-ration-program' rather than a 'feed-ration-program'. At all times our bulls are rotationally grazed on pasture paddocks with adlib oaten hay feed as required.

We look forward to seeing you on Sale Day.

With Warmest Wishes Daniel and Anne Marie

'CHEWING THE CUD"

A blog about all things farming and daily life on a black angus stud farm. A place where you can comment and share your stories, your views and your experiences on the topics that we write about each week.

Subscribe to Chewing the Cud and join the Cattle Conversation – the ultimate place for every farmer or fans of farming to BE.

We would love to Chew the Cud with you, so sign up now!

www.merlewoodangus.com.au/chewing-the-cud/

LUKE BUCHANAN Cattle Whisperer

"The one who falls and gets up, is so much stronger than the one that never fell."

WILLIE MILNE Breed Consultant

"If you don't know the way, ask someone who has been down that road before."

BEEFCLASS STRUCTURAL ASSESSMENT

How to use:

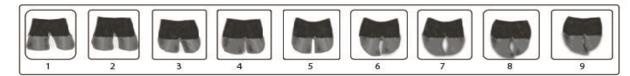
The Beef Class Structural Assessment System uses a 1-9 scoring system for feet and leg structure:

- A score of 5 is ideal
- 4 and 6 show slight variation from ideal, but this includes most animals. Any animal scoring 4 and 6 would be acceptable in any breeding program
- 3 and 7 shows greater variation, but would be acceptable in most commercial breeding programs, however seedstock producers should be wary
- 2 and 8 are low scoring animals and should be looked at carefully before purchasing

A 1-5 scoring system is used for sheath attachment. For feet and leg assessment, animals need to be on a hard, flat and even surface where animal can move/stand naturally.

Traits:

Scoring
RangeDescription
RangeFront Feet Claw Set1 - 91 - open divergent; 5 - good; 9 - extreme scissor claw
1 - 9Rear Feet Claw Set1 - 91 - open divergent; 5 - good; 9 - extreme scissor claw



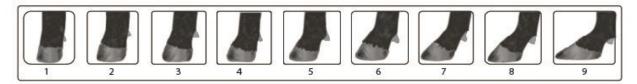
Reference: Shape (primarily curl) and evenness of the claw set.

1 - 9

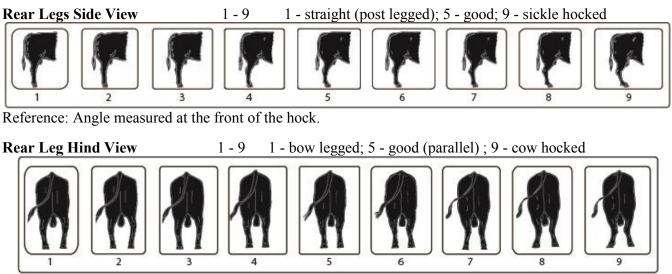
1 - 9

Front Feet Angle Rear Feet Angle

- 1 steep (stubbed toe); 5 good; 9 shallow heel 1 - steep (stubbed toe); 5 - good; 9 - shallow heel



Reference: Strength of pastern, depth of heel and length of foot.



Reference: Direction of the feet when viewed from the rear.

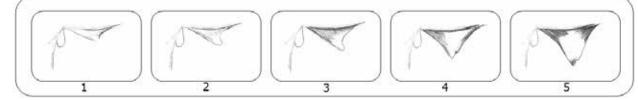
Muscle Score:

A - E (includes + and -)

- A+ = Double-muscled A = Extremely heavy muscle
- A = Extremely heavy muscle
- pronounced creasing between muscles
- B = Heavily muscled
 - well rounded hindquarter
- C = Average muscle
 - hindquarter slightly rounded
- D = Poor muscle
- narrow concave hindquarter
- E = Extremely poor muscle
 - angular

Reference: Primarily hindquarter roundness or convexity, width across the stifle and width of stance. Also width and muscle expression across the back, particularly behind the shoulder and in the loin. Jump muscle (about the P8 site) and forearm bulge may be taken into consideration.

Sheath and Naval Scores 1 - 5 1 - extremely clean/tight to body; 5 - extremely pendulous



Reference: Sheath attachment

Temperament

Reference: 1-5 (half scores permitted) using yard test scale below:

1. <u>Docile</u>

The animal is easily held in the corner and the handler can get close enough to put their stick on the animal.

2 <u>Restless</u>

The animal can be held in the corner but exhibits some restlessness and flicking of the tail. The handler cannot get close enough to put their stick on the animal before it moves away.

3. <u>Nervous</u>

The animal is not easily held in the corner even when the handler is some distance back from the animal, continual movement and tail flicking.

4. <u>Flighty (wild)</u>

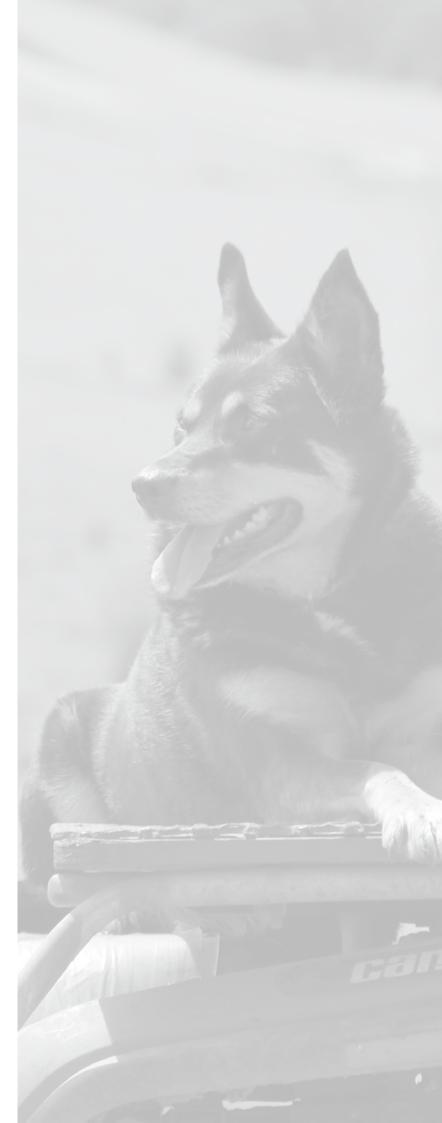
The animal cannot be held in the corner, frantically runs the fence line and may jump when penned individually, exhibits long flight distance.

5. <u>Aggressive</u>

Similar behavior to score 4 but is also aggressive towards the handler, stares at the handler and threatens to charge or charges (Handler is advised to exit the yard before the animal actually charges).

							EBV	Quic	EBV Quick Reference for	rence		Merlewood		ngus]	Angus Inaugural		Bull Sale	le						
A role	Animal Idant	Calvin	Calving Ease	Birth	th		Growth	vth		Fertility	lity			Са	Carcase				Ot	Other		Selecti	Selection Indexes	es
		CEDir	CEDir CEDtrs	GL	вwт	200	400	600	MCW	Milk	SS	DTC 0	CWT E	EMA	RIB	P8 R	RBY II	IMF NF	NFI-P NF	NFI-F DO	DOC ABI	MOD	GRN	GRS
-	HODL41	+2.3	+1.3	-6.3	+4.0	+47	+86	+117	+87	+18	+1.8	-3.4	+64 +	+8.3 +	+0.4 -(-0.5 +:	+1.2 +	+1.3 +(+0.2 +(+0.4 -	- \$124	4 \$116	\$124	\$124
2	HODL56	-2.8	-0.1	-2.8	+6.1	+49	+92	+118	+95	+16	+2.3	-4.4	+64 +	+5.4 +	+1.1 +	+1.2 +(+0.1 +	+1.5 +(+0.3 +(+0.3 -	- \$113	3 \$107	\$113	\$113
m	HODL51	-1.1	-1.1	-2.5	+4.5	+47	+85	+109	+86	+15	+2.7	-3.8 1.8	+63 +	+8.3 +	+0.3 +	+0.3 +	+1.4 +	+1.3 +(+0.1 +(+0.2 -	- \$114	4 \$112	\$113	\$115
4	HODL35	+6.1	+4.9	-6.4	+2.4	+48	+86	+107	+79	+15	+2.7	-4.2	+62 +	+6.3 +	+2.5 +	+1.7 -0.	ŝ	+2.0 +(+0.4 +(+0.5	- \$122	2 \$118	\$121	\$122
ъ Т	HODL101	-0.6	+1.1	-3.5	+5.6	+52	+95	+124	+112	+15	+2.4	-4.9	+68 +	+3.9	-0.5 -(-0.2 +(+0.8 +	+1.4 +(+0.0+	+0.0	\$122	2 \$115	\$127	\$120
9	HODL31	+1.4	-0.1	-6.0	+3.3	+45	+78	+102	+73	+17	+2.4	-4.6	+62 +	+5.7 +	+1.9 +	+1.4 -(-0.7 +	+2.8 +(+0.5 +(+0.7 -	- \$116	6 \$107	\$122	\$112
7 F	HODL107	+0.9	+1.6	-4.2	+4.7	+48	+85	+111	+106	+12	+1.6	-4.9	+62 +	+3.4 -	-0.3 -(-0.2 +(+0.4 +	+1.8 +(+0.1 +(+0.1 -	\$116	6 \$110	\$122	\$113
∞	HODL36	-1.2	-0.4	-6.7	+4.7	+47	+83	+112	+95	+18	+2.1	-5.6	+65 +	+5.3 +	+1.7 +	+0.7 -(-0.9	+3.0 +(+0.5 +(+0.5 -	- \$119	9 \$104	\$131	\$112
6	9TOOH	+4.8	+3.9	-8.5	+2.1	+42	+75	+93	+74	+14	+2.2	-5.6	+54 +	+4.5 +	+3.2 +	+3.4 -1	-1.2 +	+2.1 +(+0.4 +(+0.6 -	\$110	0 \$107	\$108	\$111
10	НОДЦ7	+4.8	+4.2	-7.8	+2.5	+45	+81	+104	+79	+15	+2.8	-4.2	+53 +	+6.1 +	+3.4 +	+3.1 -(-0.3 +	+1.9 +(+0.2 +(+0.4 -	- \$121	1 \$115	\$118	\$122
11	HODL82	+0.3	+1.3	-3.4	+4.4	+48	06+	+114	+101	+15	+1.6	-3.9	+67 +	+3.8 -	-1.0	-1.0 +(+0.7 +	+1.6 -0	-0.0-0	-0.1 -	- \$113	3 \$112	\$118	\$112
12	HODL87	-1.8	+0.5	-2.0	+4.7	+44	+80	+107	06+	+13	+3.0	-4.7	+63 +	+7.8 +	+0.1 +	+0.0+	+1.3 +	+1.6 +(+0.1 +(+0.3 -	- \$117	7 \$109	\$121	\$114
13	HODL32	+2.7	+0.3	-7.9	+4.5	+48	06+	+123	+103	+19	+2.2	-4.3	+71 +	+6.4 -	- 6.0-	-1.0 +	+1.1 +	+1.3 +(+0.2 +(+0.3 -	- \$125	5 \$115	\$130	\$124
14	HODL57	-1.2	+1.6	-5.0	+5.6	+53	+95	+125	+129	+13	+2.1	-3.7	+70 +	+5.4 -	-2.3 -:	-1.8 +	+1.3 +	+1.8 -0	-0.1 -0	-0.1 -	- \$122	2 \$114	\$133	\$117
15	НОВЦ77	-2.1	+0.3	-6.2	+5.5	+48	+80	+107	+86	+12	+1.3	-3.5	+64 +	+5.4 -	-1.7 -:	-1.7 +:	+1.0 +	+2.3 -0	-0.0 +0	+0.0	\$111	1 \$106	\$119	\$107
16	HODL78	-1.8	+0.5	-1.8	+4.9	+46	+81	+110	+94	+13	+3.1	-4.3	+65 +	+8.7	-0.4 -(-0.7 +:	+1.7 +	+1.6 +(+0.1 +(+0.3 -	- \$119	9 \$111	\$124	\$116
17	HODL1	+3.1	+1.7	-5.4	+2.6	+40	+71	+91	+73	+15	+2.1	-6.3	+57 +	+7.8 +	+0.6 -(-0.6 +(+0.6 +:	+3.2 +(+0.4 +(+0.6	- \$127	7 \$116	\$144	\$117
18	HODL90	+0.0	+1.2	-3.0	+5.6	+51	06+	+118	+104	+15	+1.9	-4.4	+67 +	+5.8 -	-1.0 -(.+ 6.0-	+1.0 +:	+2.2 +(+0.1 -0	- 0.0	\$126	6 \$117	\$138	\$121
19	HODL25	+1.4	+0.9	-4.4	+3.1	+38	+72	06+	+64	+15	+1.2	-0.1	+58 +	+3.8 +	+0.2 -(-0.5 -(-0.1 +:	+1.9 -0	-0.0 +0	+0.1 -	\$84	t \$95	\$79	\$90
20	HODL16	+2.7	+2.6	-5.2	+1.8	+46	+83	+101	+64	+19	+1.0	-4.5	+ 09+	+7.0 +	+0.2 +	+0.0+	+0.3 +:	+1.7 +(+0.1 +(+0.1 -	\$117	7 \$117	\$113	\$118
21	HODL70	+1.3	+0.9	-3.8	+5.0	+44	+82	+104	96+	+13	+2.4	-3.6	+49 +	+3.7 -	-0.5 -(-0.3 +(+0.5 +	+1.3 +(+0.1 -0	-0.1 -	\$102	2 \$105	\$101	\$103
22	HODL61	-3.1	-2.2	-2.5	+5.2	+49	+80	+105	+89	+13	+2.2	-5.9	+64 +	+0.0+	+1.9 +	+1.9 -(-0.7 +:	+2.3 +(+0.6 +(+0.7 -	\$107	7 \$99	\$110	\$105
23	HODL75	-3.1	-2.5	+1.5	+5.4	+46	+84	+106	+85	+15	+2.7	-4.1	+68 +	+9.2 -	-0.4 -(-0.6 +:	+1.3 +	+1.5 +(+0.0 -0	-0.1	- \$108	8 \$107	\$108	\$107

24 H	HODL53	+2.8	+0.5	-4.2	+3.9	+43	+77	+107	+84	+19	+2.3	-5.2	+55	+5.2	-0.1	-0.2	+0.7	+1.7	+0.2	+0.2	ł	\$118	\$108	\$122	\$115
25 H	HODL44	+1.6	-2.2	-5.2	+3.6	+41	+75	+97	+76	+14	+1.6	-4.0	+56	+4.6	-0.8	+0.1	+0.1	+2.9	+0.3	+0.4	:	\$113	\$107	\$124	\$107
26 H	HODL39	+4.7	+3.8	-7.4	+2.6	+40	+77	+95	+73	+16	+2.9	-4.5	+49	+4.8	+1.4	+1.2	-0.4	+2.7	+0.1	+0.2	:	\$116	\$113	\$124	\$113
27 H	HODL80	-2.0	-2.1	-1.2	+6.1	+49	+83	+113	66+	+14	+2.5	-4.6	+67	+4.6	-0.2	-0.4	-0.4	+2.9	+0.5	+0.5	1	\$113	\$101	\$126	\$106
28 H	НОРС97	+1.3	+2.1	-4.5	+4.0	+46	+81	+104	+88	+13	+1.2	-5.0	+60	+4.8	-0.3	-0.2	+0.6	+1.8	+0.1	+0.0	1	\$116	\$112	\$120	\$114
29 H	HODL50	+2.7	+1.5	-3.6	+4.3	+46	+79	+105	+88	+15	+2.6	-5.3	+60	+6.3	-0.3	+0.1	+0.8	+1.9	+0.1	+0.0	1	\$121	\$113	\$127	\$118
30 H	HODL72	+1.1	+2.4	-5.2	+4.8	+48	+86	+118	+117	+13	+1.1	-4.0	+71	+5.2	-2.3	-2.2	+1.4	+1.3	-0.1	-0.2	:	\$118	\$111	\$124	\$115
31 H	HODL58	-0.5	+1.7	-4.7	+4.4	+45	+78	+103	96+	+14	+3.1	-5.5	+57	+5.9	+0.0	+0.6	+0.5	+2.1	+0.0	-0.2	ł	\$115	\$108	\$122	\$111
32 H(HODL144	+3.3	+3.9	-3.7	+3.8	+46	+77	+103	+89	+13	+2.6	-6.8	+56	+4.0	-1.4	-2.4	+1.0	+2.3	+0.1	+0.1	1	\$125	\$115	\$139	\$117
	F	CEDir	CEDir CEDtrs	GL	BWT	200	400	600	MCW	Milk	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F	DOC	ABI	DOM	GRN	GRS
An	ISUS.	0.0+	+0.1	-3.7	+4.3	+42	+77	+100	+87	+15	+1.7	-3.8	+56	+4.6	+0.0	-0.2	+0.3	+1.6	+0.09	+0.16	9+	+\$106 +\$103	+\$103	+\$110	+\$105



Locally Owned C

BROWNS

SINOX

Wesupply fnBulk, BulkBags &20kg Bags



- Whole & rolled grain
- Custom Dairy Mixes
- High Energy & Protein Mixes

PING MUD

- Calf Grain Based Mixes
- Dairy, Calf & Heifer Pellets
- Varieties of Hay in Bulk



FREE DELIVERY IN GIPPSLAND

We also supply a full range of rural merchandise - call in at our Leongatha store or phone to arrange delivery.

South & West Gippsland





Chris Lawton Ph: 0439 959 899







Erin Hanley Ph: 0499 623 157

LEONGATHA – MILL & RURAL MERCHANDISE 03 5662 3199 • TINAMBA – MILL 03 5145 1345

		GRS	+105]			GRS	Greater Profitability	+135	+127	+122	+119	+117	+115	+113	+111	+109	+108	+104	+103	+101	+99	+97	+94	+91	+86	+78	+59	کمبود ۲over ۲over
	ndexes	GRN	+110			səxəpu	GRN	Greater Profitability	+169 -	+153 -	+144 -		+133 -					+115			+101 -	+98	+93	+88	+82	+74	+59		Lower Profitability
	Selection Indexes	DOM 6	+103 +			Selection Indexes	D MOD	Profitability	+129 +	+121 +	+118 +		+113 +					+105 +			+100 +		- 96+		+92 -	- 88+	+82 -		vrofitability
	Sele	ABI D	+106 +0			Sele	ABI D	Profitability Greater	+146 +2	+135 +2	+129 +2		+122 +2					+110 +1			+101 +1		+ 96+		+88+	+82 +	+71 +		Profitability
		RS A	-0.1 +1				RS A	Sound	S				+0.4 +1					+0.2 +1			-0.1 +1		-0.3 +9		-0.6 +8	-1.0 +8	-2.0 +	Ч	Lower Sound
		RH R	-0.2 -0				RH R	Sound	3.5 +0.	+2.7 +0	+1.8 +0		+1.1 +0					+0.2 +0			-0.5 -0	-0.7 -0	-1.0 -0	-1.3 -0	-1.9 -0		-3.5 -2	-6.7 -4.	ssə punoS
	Structure	RA R	- P			Structure	RA R	More Sound	+12 +3.	+9 +2	+8 +1		+5 +1								-3 -9	-4 O	-6		-9	-12 -2	-15 -3	-22 -6	ssə punoS
	Stru	FC	Ģ			Stru	FCF	More Sound More	+22 +	+18	+15		+10					+ + + c			'n		ő		-15	-20 -		-37 -	ssə punoS ssə
		FA	Ģ	Ŀ			FA	punos	+20 -	+16 -	+13		+10	&₽	4	÷	Ω Υ	φç	7 7	Ģ	-2	4	ę	۰ م	-12	-17	-24	-33	punos
		DOC	9+	/aluatio			DOC	Docile	+34 +	+26 +	+22 +		+16 +			_		L+ 7			ę	<u>-</u> -	'n	ч	- 2-	۔ م	-13	-19	Docile
	er	NFI-F D	+0.16	he Mid-February 2017 TransTasman Angus BREEDPLAN genetic evaluation.		er	NFI-F D	More Efficiency	-0.44	-0.25 +	-0.16		-0.05					+0.12			+0.25	+0.29	+0.32	+0.37	+0.42	+0.48	+0.57	+0.75 -	Feed Efficiency Lesd
	Other			DPLAN g		Other		Efficiency Greater																					Lower
		NFI-P	+0.09	IS BREED			NFI-P	Greater Feed	-0.35	-0.21	-0.14		-0.06					+0.07			+0.16		+0.21	+0.24	+0.28	+0.33	+0.41	+0.54	Lower Lower
		Y IMF	3 +1.6	an Angu			Y IMF	More IMF	2 +3.8	5 +3.3) +2.5					4 +1.7			0 +1.2				9.0+	7 +0.4	+0.1	-0.3	HMI sea
EBVs		RBY	2 +0.3	nsTasm	LABL		RBY	Higher Yield	8 +2.2	8 +1.6	4 +1.3		8 +1.0					+0.4			6.0+				t -0.5	-0.7	l -1.0	0 -1.5	Yield Yield
GE E	Carcase	B P8	.0 -0.2	017 Tra		Carcase	B P8	More Fat	6 +2.8	8 +1.8	3 +1.4		8 +0.8					1 +0.0			0.5 -0.6	0.6 -0.8	0.8 -1.0	9 -1.2	1 -1.4	1.4 -1.7	8 -2.1	5 -3.0	Less Fat
AVERAGE	Car	ema rib	+4.6 +0.0	ruary 2(SCENTILE BANDS TABLE	Car	ema rib	EMA More Fat	+10.1 +2.6	+8.1 +1.8	+7.3 +1.3		+6.3 +0.8					+4.9 +0.1			+3.8 -0.		+3.2 -0.	+2.8 -0.9	+2.4 -1.1	+1.9 -1.	1 -1.8	.4 -2.	AME Less Fat
REED A				Aid-Feb	NTIL			Weight Larger																			+1.1	°.	Smaller Smaller
BRE		сwт	+56		PERCE		CWT	- Heavier Carcase	+79	+72	1 69+	+67	+65	+64	+62	+61	+59	+58 +53	+56	+54	+53	+51	+49	+47	+44	+40	+34	+23	Lighter Carcase
	Fertility	ртс	-3.8	Inalysed	•	Fertility	ртс	Shorter Time to Calving	-8.1	-6.9	-6.3	-5.8	-5.4	-5.1	-4.9	-4.6	-4.4	4.2	-3.7	-3.5	-3.2	-3.0	-2.6	-2.2	-1.8	-1.1	-0.1	+1.7	Longer Time to Calving
	Fert	SS	+1.7	inimals a		Fert	SS	Larger Scrotal Size	+3.4	+2.8	+2.6	+2.4	+2.2	+2.1	+2.0	+1.9	+1.8	+1.8	+1.6	+1.5	+1.4	+1.3	+1.2	$^{+1.1}$	+1.0	+0.8	+0.5	+0.0+	Smaller Scrotal Size
		Milk	+15	ienced a			Milk	Live Meight	+25	+21	+20	+19	+18	+17	+17	+16	+16	+15 +15	+14	+14	+13	+13	+12	+12	+11	+10	8+	+5	Live JdbisW
		MCW	+87	gus influ			MCW	Mature Weight Heavier	+128	+115	+108	+104	+101	+98	+96	+94	+92	06+	+86	+84	+81	+79	+77	+74	+71	+67	+60	+45	Mature Weight Heavier
	Growth	600 N	+100 .	s and An		Growth	600 N	Live Veight Heavier	+134 +	+124 +	+119 +		+113 +					+103			+95 -		+91		+85 .		+74 -	+59 -	Live Vveight Lighter
	Gro			p Angus		Gro		Meight Heavier					+86 +																Veight Lighter
) 400	-+77	2015 drc) 400	Weight Heavier Live	+101	+94	·							+79			+74		3 +71		99+	+63	+58	+48	Weight Lighter Live
		200	+42	V of all			. 200	Weight Heavier Live	+56	+52			+48					+43			+40		+38		+35	+33	+30	+23	Weight Lighter Live
	Birth	BW	+4.3	rage EB'		Birth	BWT	Lighter Birth	+0.9	+1.9	+2.4	+2.8	+3.1	+3.3	+3.5	+3.7	+3.9	+4.1	+4.5	+4.6	+4.8	+5.0	+5.2	+5.5	+5.7	+6.1	+6.6	+7.7	Heavier Birth
	B	GL	-3.7	the ave		B	GL	Shorter Gestation Length	-8.9	-7.1	-6.2	-5.7	-5.2	-4.9	-4.6	-4.3	-4.1	0. 0 0. 0	-3.4	-3.2	-2.9	-2.7	-2.4	-2.1	-1.7	-1.3	-0.6	+1.0	Length Length Length
	Ease	CEDtrs	+0.1	average represents the average EBV of all 2015 drop Angus and Angus influenced animals analysed in		Ease	CEDtrs	Calving Calving Difficulty	+4.4	+3.4	+2.8	+2.4	+2.0	+1.7	+1.4	+1.1	9.0 ⁴	+ 0.5	0.0+	-0.3	-0.6	-0.9	-1.2	-1.6	-2.1	-2.7	-3.6	-5.7	Calving Calving
	Calving Ease	CEDir C	+0.0	erage re		Calving Ease	CEDir C	Calving Difficulty Less	+5.1	+4.0	+3.3	+2.8	+2.4	+2.0	+1.6	+1.2	-0.9	+0.6	-0.1	-0.4	-0.8	-1.2	-1.6	-2.1	-2.8	-3.6	-4.9	7.8	Calving Difficulty
	0	CE	Brd +(Avg +(B			Band CE	ssəj	1% +		_	_	_	_	_	_	_	45% +(50% +(_	_	_	_	_	_	_	_	- %66	More
			B.	*		ò	Ba		Ŧ	ŝ	10	15	20	25	30	35	4	14 10	55	60	65	70	75	80	85	90	95	56	

MID-FEBRUARY 2017 ANGUS BREEDPLAN REFERENCE TABLES

Angus

MERLEWOOD DOCKLANDS L41 (AI)



LOUI		MERL		ע ענ	JUN	LAI	DO	114
DOB: 20/08/2	015		Fre	eze Bran	d: Ome	ga Syn	nbol, L	41
	ARI	OROSSAN DIR	ECTION W109	(AI) (ET)	Tr	aits Ob	sorvod	ŀ G
ŀ	KAROO W109	DIRECTION	Z181			uns Ob	serreu	• 0
	KAI	ROO FLATS M	ADONNA V56	(AI)	-		Mid-F	ebr
Sire: QHED6	2 CARABA	R DOCKLA	ANDS D62 ((AI)		7	I	BIR
	BOI	N VIEW NEW I	DESIGN 1407		Angu	Di	r Dt	rs
(CARABAR BL	ACKCAP MA	RY B12 (AI) (ET)	EBV'	s +2.	.3 +1	.3
	BOO	OROOMOOKA	TRACY T4 (A	I) (ET)	Acc	579	% 51	%
	BALDR	IDGE KABOO	M K243 KCF		FERT	ILITY		
(CONNEALY T	HUNDER			SS	DTC	CWT	E
	PARKA	OF CONANG.	A 241		+1.8	-3.4	+64	-
Dam: HODF3	3 MERLEW	OOD BLA	CKBIRD F3	3 (ET)	73%	44%	62%	6
	B/R NE	W DIMENSION	N 7127					
1	THE GRANGE	YR BLACKB	IRD A207 (AI) (ET)		Ge	enetic S	Stat
	DAVIS	YR BLACKBI	RD 558H					
	Selection	n Indexes					R	law
					18w	6.03		184

bserved: GL,CE,200WT(x2),400WT,SS,FAT,EMA,IMF

-		Mi	d-Fe	bruary	2017 A	Angus A	ustral	ia BRE	EDPL	AN
			B	IRTH			G	ROWT	Ή	
Angus		ir	Dtrs	GL GL	BWT	200	400	600	MCW	Milk
EBV'	s +2	2.3	+1.3	-6.3	+4.0	+47	+86	+117	+87	+18
Acc	57	%	51%	84%	65%	68%	70%	68%	65%	60%
FERT	ILITY	,			CAR	CASE			OTI	IER
SS	DTC	0	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F
+1.8	-3.4		+64	+8.3	+0.4	-0.5	+1.2	+1.3	+0.2	+0.4
73%	44%	(52%	61%	61%	62%	58%	57%	48%	49%

enetic Status: AMFU NH25% CAFU DD25%

	Selection	Indexes	
ABI	DOM	GRN	GRS
\$124	\$116	\$124	\$124

			Raw	Structura	al Data		
RS	FA	FC	RA S	RC	RH	RS	po
24	5	6	5	6	5	5	5

Purchaser:.... \$.....

MERLEWOOD OUTLIER L56 (AI)

DOB: 24/08/2015

Lot 2

Freeze Brand: Omega Symbol, L56

HBR

HBR

SCHURRTOP REALITY X723 MATAURI REALITY 839 MATAURI 06663

Sire: NZE14647010F031 MATAURI OUTLIER F031

KAROO W109 DIRECTION Z181

MATAURI 08860

MATAURI 105583

S A V 5175 BANDO 0699 FORRES BANDO 0699 D75 (AI) (ET) FORRES ROYAL-LINE A29 (AI) (ET)

Dam: NFJF128 FORRES ESTER F128

C A FUTURE DIRECTION 5321 FORRES ESTER X71 (AI) (ET) MERRIGRANGE ESTER M232+92 (AI) (ET)

11	uns Ov	serreu.	UL, CL	,200 11 1	(<i>A</i> 2),70	,011,0	5,1711,1	LIVII 1,111	
-		Mid-Fe	bruary	2017 A	ngus A	Australi	ia BRE	EDPL	AN
		B	IRTH			G	ROWT	Ή	
Angus	Di	r Dtr	s GL	BWT	200	400	600	MCW	Milk
EBV'	s -2.	8 -0.1	-2.8	+6.1	+49	+92	+118	+95	+16
Acc	479	% 41%	6 83%	65%	66%	68%	65%	59%	51%
FERT	ILITY			CAR	CASE			OTI	IER
SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F
+2.3	-4.4	+64	+5.4	+1.1	+1.2	+0.1	+1.5	+0.3	+0.3
71%	34%	56%	57%	57%	58%	52%	51%	41%	42%

Traits Observed: CL CE 200WT(x2) 400WT SS EAT EMA IME

Genetic Status: AMFU NHFU CAFU DDFU

BWT

+4.5

62%

RIB

+0.3

56%

CARCASE

Genetic Status: AMFU NHFU CAFU DD25%

id-February 2017 Angus Australia BREEDPLAN

400

+85

68%

RBY

+1.4

52%

200

+47

66%

P8

+0.3

57%

	Selection	Indexes				Raw	Structur	al Data		
ABI	DOM	GRN	GRS	FA S	FC	RA 🍐	RC	RH	RS	ps
\$113	\$107	\$113	\$113	6	6	5	5	5	5	3

Purchaser:....

AERLEWOOD MENTOR L51 (AI)

Angus

EBV's

Acc

SS

+2.7

71%

FERTILITY

Dir

-1.1

48%

DTC

-3.8

35%

DOB: 23/08/2015

Lot 3

Freeze Brand: Omega Symbol, L51

.....

\$.....

GROWTH

600

+109

66%

IMF

+1.3

51%

\$.....

MCW

+86

62%

+0.1

40%

G A R PRECISION 1680 G A R RETAIL PRODUCT

Traits Observed: GL, CE, 200WT(x2), 400WT, SS, FAT, EMA, IMF

Dtrs

-1.1

42%

CWT

+63

58%

BIRTH

GL

-2.5

81%

EMA

+8.3

57%

G A R EXT 4927 Sire: USA15832714 CONNEALY MENTOR 7374

JAUER 353 TRAVELER 589 27

EXECUTA OF CONANGA 939

EXEC OF CONANGA 6940

SITZ NEW DESIGN 458N MERLEWOOD SITZ 458 NEW DESIGN F4 (ET)

THE GRANGE YR BLACKBIRD C66 (AI) (ET)

Dam: HODH73 MERLEWOOD ROYAL-LINE H73

B T ULTRAVOX 297E FORRES ROYAL-LINE C14 (AI) (ET) WAITARA TOOTSIE T1 (AI)

Selection Indexes ABI DOM GRN GRS \$114 \$112 \$113 \$115

		Raw S	Structura	l Data		
FA	FC	RA S	RC	RH	RS	per
5	6	5	6	5	5	5

Purchaser:....

MRI-FEBRUARY BREED AVERAGE EBV'S

Dir Dira GL BW 200	400 600 MCW Milk	SS DTC CWT EMA	A RIB PS RBY IMF	NEI-PNEI-F Dog EA	FC RA RH	RS ABI DOM GRN GRS
+0.0 +0.1 -3.7 +4.3 +42	+77 +100 +87 +15	+1.7 -3.8 +56 +4.6	6 +0.0 -0.2 +0.3 +1.6	+0.09+0.16 +6 0	-0 -1 -0.3	2 -0.1 +106 +103 +110 +105

HBR

Milk

+15

55%

+0.2

41%

OTHER

NFI-P NFI-F

Lot 4		ME		D	1.0									
OB: 19/08/2	2015		Fre	eze Bran	a: Omeg	ga Sym	bol, L35							HBF
		URR 77 1346			Tra	its Obs	served: (GL,CE,	200WT	(x2),40	DOWT,S	S,FAT,I	EMA,IN	1F
	SCHURRTOP I	REALITY X72					/lid-Feb							
ire• NZF14	647008839 M			30				RTH	2017 A	ngus A		ROWT		111
			G U41 (AI) (ET		Angus	Dir		GL	BWT	200	400	600	MCW	Mil
	MATAURI 066	63			EBV's	+6.1		-6.4	+2.4	+48	+86	+107	+79	+15
	MA	TAURI 04456 /	AB		Acc	55%	52%	84%	64%	67%	69%	67%	63%	579
	S A F FO	OCUS OF E R			FERTI	LITY			CARC	CASE			OTH	IER
	MYTTY IN FO					DTC		EMA	RIB	P8	RBY	IMF	NFI-P	NFI
норо		COUNTESS 9			+2.7	-4.2	+62	+6.3	+2.5	+1.7	-0.3	+2.0	+0.4	+0.
am: HODG	S8 MERLEW	IDGE NAVIGA		ið (AI)	73%	39%	60%	60%	59%	60%	56%	55%	46%	479
	THE GRANGE)		Ge	netic Sta	atus: A	MFU I	NHFU	CAFU	DD13	%	
	THE GR	ANGE YR BL	ACKBIRD C89	(AI) (ET)									,-	
	Selection	Indexes					Rav	w Stru	ictural	Data				
ADI			GDG		htsu.	1.52	hi.	8 9	ist.	- 63		6	a second	2
ABI	DOM	GRN	GRS	FA	S FC	M	RA 🍝	RC	3	RH	RS	10	pro	
\$122	\$118	\$121	\$122	4	5	6	5		5	5		5	3	
						-			-	_	ф	-	-	
rchaser:		•••••			•••••	• • • • • • • • • •		• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	. 3			
Lot 5		ME	RLEW	OOD	HEIR	LO	OM]	L 10 1					HO	DDL1
OB: 8/09/20	015		Fre	eze Bran	d: Omega	a Symł	ol, L10	1						HB
		INYLEA C277	(AI) (ET)			Traits	Observe	d. 200	$WT(x^2)$	400W	T SS F	AT FM	A IMF	
	IRELANDS FL					_								
ine. VICII3	43 IRELANI		GOONA Z31 (A	·			/lid-Feb	ruary RTH	2017 A	ngus A		IA BRE ROWT		AN
ire: vicns		R GRID MAK		(AI) (EI	Angus			GL	BWT	200	400	600	MCW	Mi
	GA					_		-3.5			+95	+124		
	G A IRELANDS RC				EBV's	-0.6) +1.1		+5.6	+52	+95	+124	T114	+1
	IRELANDS RC	SEBUD B12		1	EBV's	-0.6		52%	+ 5.0	+52 61%	63%	61%	56%	
	IRELANDS RC IMR	SEBUD B12	(AI) (ET) D U17 (AI) (ET))		39%		-		61%				44
	IRELANDS RC IMR	OSEBUD B12 AN ROSEBUI 98 BANDO 517	(AI) (ET) D U17 (AI) (ET)	1	Acc FERTI	39%	35%	-	56%	61% CASE P8			56%	444 IER
	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C	OSEBUD B12 AN ROSEBUI 98 BANDO 517 O 9074 OULEE BARB	(AI) (ET) O U17 (AI) (ET) 25 BARA K323		Acc FERTI SS +2.4	39%	2 35% CWT +68	52% EMA +3.9	56% CARC RIB -0.5	61% CASE P8 -0.2	63% RBY +0.8	61% IMF +1.4	56% OTH NFI-P +0.0	NFI +0.
	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB 7 OOD EST	(AI) (ET) O U17 (AI) (ET) 75 GARA K323 ER H5 (AI)		Acc FERTI SS	39%	0 35% CWT	52%	56% CARC RIB	61% CASE P8	63% RBY	61% IMF	56% OTH NFI-P	449 IER NFI
Dam: HODH	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB 7 OOD EST 5 BANDO 0699	(AI) (ET) O U17 (AI) (ET) 25 BARA K323		Acc FERTI SS +2.4	39%	35% CWT +68 53%	52% EMA +3.9 52%	56% CARC RIB -0.5 51%	61% CASE P8 -0.2 54%	63% RBY +0.8 48%	61% IMF +1.4 45%	56% OTH NFI-P +0.0 39%	444 IER NFI +0.
Dam: HODH	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB 7 OOD EST 5 BANDO 0699	(AI) (ET) 2 U17 (AI) (ET) 25 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET)		Acc FERTI SS +2.4	39%	2 35% CWT +68	52% EMA +3.9 52%	56% CARC RIB -0.5 51%	61% CASE P8 -0.2 54%	63% RBY +0.8 48%	61% IMF +1.4 45%	56% OTH NFI-P +0.0 39%	444 IER NFI +0.
Dam: HODH	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES	SEBUD B12 AN ROSEBUI 98 BANDO 517 O 9074 OULEE BARB 7 OOD EST S BANDO 0699 R F128	(AI) (ET) 2 U17 (AI) (ET) 25 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET)		Acc FERTI SS +2.4	39%	35% CWT +68 53%	52% EMA +3.9 52%	56% CARC RIB -0.5 51%	61% CASE P8 -0.2 54% NHFU	63% RBY +0.8 48% CAFU	61% IMF +1.4 45%	56% OTH NFI-P +0.0 39%	444 IER NFI +0.
Dam: HODH	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB 7 OOD EST 5 BANDO 0699 R F128 S ESTER X71 (Indexes	(AI) (ET) 2 U17 (AI) (ET) 25 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET)		Acc FERTI SS +2.4	39%	35% CWT +68 53%	52% EMA +3.9 52%	56% CARC RIB -0.5 51%	61% CASE P8 -0.2 54% NHFU	63% RBY +0.8 48% CAFU	61% IMF +1.4 45%	56% OTH NFI-P +0.0 39%	444 IER NFI +0.
Dam: HODH	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES	SEBUD B12 AN ROSEBUI 98 BANDO 517 O 9074 OULEE BARB 7 OOD EST S BANDO 0699 R F128 S ESTER X71 ((AI) (ET) 2 U17 (AI) (ET) 25 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET)		Acc FERTI SS +2.4	39%	35% CWT +68 53%	52% EMA +3.9 52%	56% CARC RIB -0.5 51%	61% CASE P8 -0.2 54% NHFU	63% RBY +0.8 48% CAFU	61% IMF +1.4 45% J DDF	56% OTH NFI-P +0.0 39%	444 IER NFI +0.
Dam: HODH	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB 7 OOD EST 5 BANDO 0699 R F128 S ESTER X71 (Indexes	(AI) (ET) 2 U17 (AI) (ET) 25 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET)		Acc FERTII SS +2.4 68%	39%	35% CWT +68 53% enetic St Ray	52% EMA +3.9 52% Catus: A v Stru	56% CARC RIB -0.5 51%	61% CASE P8 -0.2 54% NHFU Data	63% RBY +0.8 48% CAFU	61% IMF +1.4 45% J DDF	56% OTH NFI-P +0.0 39%	444 IER NFI +0.
am: HODH ABI \$122	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES ESTE FORRES Selection DOM \$1115	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB /OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127	(AI) (ET) D U17 (AI) (ET) P5 PARA K323 ER H5 (AI) P D75 (AI) (ET) (AI) (ET) GRS	FA	Acc FERTII SS +2.4 68%	39%	35% CWT +68 53% cenetic St Rav Ra	52% EMA +3.9 52% Catus: A v Stru	56% CARC RIB -0.5 51%	61% CASE P8 -0.2 54% NHFU Data	63% RBY +0.8 48% CAFU RS	61% IMF +1.4 45% J DDF	56% OTH NFI-P +0.0 39% U	444 IER NFI +0. 399
am: HODH ABI \$122 rchaser:	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127	(AI) (ET) 2 U17 (AI) (ET) 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) GRS \$120	FA	Acc FERTIN SS +2.4 68% FC 5	39%	2 35% CWT +68 53% enetic St Ray RA 5	52% EMA +3.9 52% atus: A v Stru RC	56% CARC RIB -0.5 51% AMFU Ictural 5	61% CASE P8 -0.2 54% NHFU Data	63% RBY +0.8 48% CAFU RS	61% IMF +1.4 45% J DDF	56% OTH NFI-P +0.0 39% U	44 IER NFI +0 39
am: HODH ABI \$122	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES ESTE FORRES Selection DOM \$1115	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127	(AI) (ET) D U17 (AI) (ET) 25 3ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) GRS \$120 	FA S	Acc FERTII SS +2.4 68%	39%	35% CWT +68 53% enetic St RA 5	52% EMA +3.9 52% Fatus: A w Stru RC (AI)	56% CARC RIB -0.5 51% AMFU Ictural 5	61% CASE P8 -0.2 54% NHFU Data	63% RBY +0.8 48% CAFU RS	61% IMF +1.4 45% J DDF	56% OTF NFI-P +0.0 39% U	444 IER NFI +0 390
Dam: HODH ABI \$122 urchaser:	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM \$115	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MIE	(AI) (ET) D U17 (AI) (ET) 25 3ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) GRS \$120 RLEW Free	FA 2 5 OOD ceze Bran	Acc FERTII SS +2.4 68%	39%	35% CWT +68 53% enetic St RA 5	52% EMA +3.9 52% Fatus: A w Stru RC (AI)	56% CARC RIB -0.5 51% AMFU Ictural 5	61% CASE P8 -0.2 54% NHFU Data	63% RBY +0.8 48% CAFU RS	61% IMF +1.4 45% J DDF	56% OTH NFI-P +0.0 39% U 5	444 IER NFI +0 394
ABI \$122 urchaser: Lot 6 DOB: 18/08/2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM \$115	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MEE	(AI) (ET) D U17 (AI) (ET) P 5 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) GRS \$120 RLEW From Standard Standa	FA 2 5 OOD ceze Bran	Acc FERTIN SS +2.4 68% FC 5 GATS d: Omeg	39%	35% CWT +68 53% enetic St RA 5	52% EMA +3.9 52% Fatus: A RC RC	56% CARC RIB -0.5 51% AMFU Ictural 5	61% САSE Р8 -0.2 54% NHFU Data RH 5	63% RBY +0.8 48% CAFU RS \$	61% IMF +1.4 45% / DDF 5	56% OTH NFI-P +0.0 39% U U	444 IER NF1 +0 390 390 00L HB
ABI \$122 urchaser: Lot 6 DOB: 18/08/2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM \$115 	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MIE MANIA AMBA A REGENT D	(AI) (ET) D U17 (AI) (ET) P 5 P 6 7 P 6 7 P 7	FA 2 5 OOD ceze Bran	Acc FERTIN SS +2.4 68% FC 5 GATS d: Omeg	39%	35% CWT +68 53% enetic Si Ra Ra 5 L31 bol, L31 served: ()	52% EMA +3.9 52% Fatus: A w Stru RC (AI) GL, CE,	56% CARC RIB -0.5 51% AMFU Ictural 5 200WT	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40	63% RBY +0.8 48% CAFU RS . \$ 00WT,S	61% IMF +1.4 45% J DDF 5 S,FAT,1	56% OTH NFI-P +0.0 39% U 5 5	444 IER NFI +0 . 394 ODL ODL HB
Pam: HODH ABI \$122 rchaser: 20t 6 POB: 18/08/2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM \$115 	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) RLEW Free ASSADOR A13- 0145 (AI) (ET) Y VIII Y5 (AI)	FA 2 5 OOD reze Bran 4 (AI)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 7 7 7 7 7 7 7 7 7 7 7 7 7	39%	35% CWT +68 53% enetic Si Ray Ray bol, L31 served: C 1did-Feb	52% EMA +3.9 52% Fatus: A w Stru RC (AI) GL, CE,	56% CARC RIB -0.5 51% AMFU Ictural 5 200WT	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40	63% RBY +0.8 48% CAFU RS . \$ 00WT,S Austral	61% IMF +1.4 45% J DDF 5 S,FAT,1	56% OTH NFI-P +0.0 39% U U 5 5 EMA, IM EDPL,	444 NFI +0 394 001 HB
ABI \$122 archaser: Lot 6 OB: 18/08/2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM \$115 2015 TUWHARETO LAW 279 MILWII	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LLAH GAT	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) RLEW Free ASSADOR A13- 0145 (AI) (ET) Y VIII Y5 (AI)	FA 2 5 OOD eeze Bran 4 (AI) (AI)	Acc FERTIN SS +2.4 68% FC 5 GATS d: Omeg	39%	35% CWT +68 53% enetic Si Ray RA 5 L.31 bol, L31 served: 0 Jid-Feb BII	52% EMA +3.9 52% atus: 4 v Stru RC (AI) GL, CE, ruary	56% CARC RIB -0.5 51% AMFU Ictural 5 200WT	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40	63% RBY +0.8 48% CAFU RS . \$ 00WT,S Austral	61% IMF +1.4 45% J DDF 5 S,FAT,I ia BRE	56% OTH NFI-P +0.0 39% U U 5 5 EMA, IM EDPL,	444 IER NFI +0 390 390 00L HB <i>IF</i> A N
Dam: HODH ABI \$122 urchaser: Cot 6 DOB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM \$115 2015 TUWHARETO LAW 279 MILWII	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LLAH GAT MANIA UNLIN	(AI) (ET) D U17 (AI) (ET) D U17 (AI) (ET) BARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) GRS \$120 RLEW From the set of	FA 2 5 OOD eeze Bran 4 (AI) (AI)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 7 7 7 7 7 7 7 7 7 7 7 7 7	39%	35% CWT +68 53% enetic Si Ray A 5 L31 bol, L31 served: 0 10 Jtid-Feb BII Dtrs 4	52% EMA +3.9 52% atus: A atus: A RC A GL, CE, TUary TH GL -6.0	56% CARC RIB -0.5 51% AMFU Ictural 5 2000WT 2017 A BWT +3.3	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A 200 +45	63% RBY +0.8 48% CAFU RS S S S S OWT,S Vostrali G 400 +78	61% IMF +1.4 45% J DDF 5 S,FAT,1 a BRP ROWT 600 +102	56% OTH NFI-P +0.0 39% U 5 5 H EMA, IM EDPL, H MCW +73	444 IER NFI +0. 390 001 HB MF AN Mi
Dam: HODH ABI \$122 urchaser: Cot 6 DOB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES Selection DOM \$115 2015 TUWHARETO LAW 279 MILWILLAH I	AN ROSEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LLAH GAT MANIA UNLIN	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) RLEW From SSADOR A13- 0145 (AI) (ET) Y VIII Y5 (AI) (SBY G279 MITED U3271 (2 (AI)	FA 2 5 OOD eeze Bran 4 (AI) (AI)	Acc FERTIN SS +2.4 68% 68% FC 5 CATS Angus	39%	35% CWT +68 53% enetic Si Ray A 5 L31 bol, L31 served: 0 10 Jtid-Feb BII Dtrs 4	52% EMA +3.9 52% Fatus: A w Stru RC RC (AI) GL, CE, ruary RTH GL	56% CARC RIB -0.5 51% AMFU Ictural 5 2000WT 2017 A BWT	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A 200	63% RBY +0.8 48% CAFU RS S S S OWT,S Vostrali G 400	61% IMF +1.4 45% J DDF 5 5 5 5 5 5 5 6 600	56% OTH NFI-P +0.0 39% U U 5 5 EMA, IM EDPL/ H MCW	444 NFI +0. 399 00L HB MF AN Mi +1
ABI \$122 urchaser: Lot 6 OB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES ESTE FORRES Selection DOM \$115 	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LAH GAT MANIA UNLIM OWAN D112 WILLAH LOW	(AI) (ET) D U17 (AI) (ET) SARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) GRS \$120 RLEW Free ASSADOR A13- D145 (AI) (ET) Y VIII Y5 (AI) (SBY G279 AITED U3271 (2 (AI) VAN B83 (AI) ECTION X15 (A	FA 2 5 000D eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC FC FC FC FC FC FC FC FC FC	39% LITY DTC -4.9 35% Ga 5% Ga 5% Ga 5% Ga 5% Ga 5% Ga 6% Ga 5% Ga 6% Ga	35% CWT +68 53% enetic Si Ray Ray bol, L31 bol, L31 served: 0 1id-Feb BII 0 4.5%	52% EMA +3.9 52% Fatus: A w Stru RC (AI) GL, CE, ruary RTH GL 6L 84%	56% CARC RIB -0.5 51% AMFU Ictural 5 200WT 2017 A BWT +3.3 66% CARC	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A 200 +45 67% CASE	63% RBY +0.8 48% V CAFU RS . \$ 00WT,S 00WT,S	61% IMF +1.4 45% IDDF 5 S,FAT,1 ia BRE ROW1 600 +102 67%	56% OTH NFI-P +0.0 39% U 5 5 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	444 IER NFI +0 399 ODLL HB MI HB MI HB MI HB MI HB
ABI \$122 urchaser: Lot 6 OB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES ESTE FORRES ESTE FORRES ESTE FORRES 2015 TUWHARETO LAW 279 MILWILAH I MILWILLAH I MILWILLAH I MILWILLAH I	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LAH GAT MANIA UNLIN LOWAN D112 WILLAH LOW SSAN CONNE NECTION B40	(AI) (ET) D U17 (AI) (ET) D U17 (AI) (ET) CARA K323 ER H5 (AI) D 075 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) RLEW From ASSADOR A13- D145 (AI) (ET) Y VIII Y5 (AI) SBY G279 MITED U3271 (2 (AI) VAN B83 (AI) ECTION X15 (A 0 (AI) (ET)	OOD eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC FC FC FC FC FC FC FC FC FC	39% LITY DTC -4.9 35% Ga 5% Ga 5% Ga 5% Ga 5% Ga 5% Ga 6% Ga 5% Ga 6% Ga	2 35% CWT +68 53% enetic Si enetic Si Ray RA 5 CWT L31 bol, L31 served: (1id-Feb BII Dtrs 4 -0.1 2 45%	52% EMA +3.9 52% atus: A v Stru RC GL, CE, ruary RTH GL -6.0 84%	56% CARC RIB -0.5 51% AMFU Ictural 5 200WT 2017 A BWT +3.3 66% CARC RIB	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A 200 +45 67% CASE P8	63% RBY +0.8 48% CAFU RS . . \$ 00WT,S </td <td>61% IMF +1.4 45% IDDF 5 S,FAT,1 ia BRE ROWI 600 +102 67% IMF</td> <td>56% OTH NFI-P +0.0 39% U 5 5 5 5 5 5 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8</td> <td>444 IER NFI +0 399 ODLL HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI</td>	61% IMF +1.4 45% IDDF 5 S,FAT,1 ia BRE ROWI 600 +102 67% IMF	56% OTH NFI-P +0.0 39% U 5 5 5 5 5 5 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	444 IER NFI +0 399 ODLL HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI HB MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI MI
ABI \$122 urchaser: Lot 6 OB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES ESTE FORRES ESTE FORRES ESTE FORRES Selection DOM \$115 	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LAH GAT MANIA UNLIM LOWAN D112 WILLAH LOW SSAN CONNE NECTION B40 ON EQUATOF	(AI) (ET) D U17 (AI) (ET) SARA K323 ER H5 (AI) D 075 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) SSADOR A13- D145 (AI) (ET) Y VIII Y5 (AI) (SBY G279 AITED U3271 (2 (AI) VAN B83 (AI) ECTION X15 (A 0 (AI) (ET) R WILCOOLA 2	OOD eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC FC FC FC FC FC FC FC FC FC	39%	35% CWT +68 53% enetic Si RA 5 L31 bol, L31 served: 0 Id-Feb BII Dtrs -0.1 45% CWT +62	52% EMA +3.9 52% atus: A v Stru RC GL, CE, ruary TH GL -6.0 84% EMA +5.7	56% CARC RIB -0.5 51% AMFU International Control of the second secon	61% CASE P8 -0.2 54% Data RH 5 (x2),40 ngus A 200 +45 67% CASE P8 +1.4	63% RBY +0.8 48% CAFU RS . . \$ 00WT,S </td <td>61% IMF +1.4 45% / DDF 5 5 s, FAT, I ia BRE ROWT 61% 4102 67% IMF +2.8</td> <td>56% OTH NFI-P +0.0 39% U U 5 5 5 5 5 5 5 5 5 7 8 8 8 8 8 8 8 8 8 8</td> <td>444 NFI +0 399 000L HBB <i>AF</i> Mi +1 500 IER NFI +0</td>	61% IMF +1.4 45% / DDF 5 5 s, FAT, I ia BRE ROWT 61% 4102 67% IMF +2.8	56% OTH NFI-P +0.0 39% U U 5 5 5 5 5 5 5 5 5 7 8 8 8 8 8 8 8 8 8 8	444 NFI +0 399 000L HBB <i>AF</i> Mi +1 500 IER NFI +0
ABI \$122 urchaser: Lot 6 OB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES ESTE FORRES ESTE FORRES ESTE FORRES 2015 TUWHARETO LAW 279 MILWII MILWILLAH I MILWILLAH I MILWILLAH I CFORRES CONILOCHT 21 FORRES	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LAH GAT MANIA UNLIM LOWAN D112 WILLAH LOW SSAN CONNE NECTION B40 ON EQUATOF	(AI) (ET) D U17 (AI) (ET) SARA K323 ER H5 (AI) D 075 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) (AI) (AI) (ET) Y VIII Y5 (AI) SBY G279 AITED U3271 (2 (AI) VAN B83 (AI) ECTION X15 (A 0 (AI) (ET) R WILCOOLA 2 JINE D121	OOD eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC 7 FC FC FC FC FC FC FC FC FC FC	39% LITY DTC -4.9 35% Ga 5% Ga 5% Ga 5% Ga 5% Ga 5% Ga 6% Ga 5% Ga 6% Ga	2 35% CWT +68 53% enetic Si enetic Si Ray RA 5 CWT L31 bol, L31 served: (1id-Feb BII Dtrs 4 -0.1 2 45%	52% EMA +3.9 52% atus: A v Stru RC GL, CE, ruary RTH GL -6.0 84%	56% CARC RIB -0.5 51% AMFU Ictural 5 200WT 2017 A BWT +3.3 66% CARC RIB	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A 200 +45 67% CASE P8	63% RBY +0.8 48% CAFU RS . . \$ 00WT,S </td <td>61% IMF +1.4 45% IDDF 5 S,FAT,1 ia BRE ROWI 600 +102 67% IMF</td> <td>56% OTH NFI-P +0.0 39% U 5 5 5 5 5 5 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8</td> <td>444 NFI +0 399 000L HBB <i>AF</i> Mi +1 500 IER NFI +0</td>	61% IMF +1.4 45% IDDF 5 S,FAT,1 ia BRE ROWI 600 +102 67% IMF	56% OTH NFI-P +0.0 39% U 5 5 5 5 5 5 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	444 NFI +0 399 000L HBB <i>AF</i> Mi +1 500 IER NFI +0
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Dam: HODH ABI \$122 archaser: COT 6 DOB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES ESTE FORRES Selection DOM \$115 	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR JLAH GAT MANIA UNLIM JOWAN D112 WILLAH LOW SSAN CONNE NECTION B4(ON EQUATOF S ROYAL-I IDGE NEBRA	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) RLEW Free ASSADOR A13- 0145 (AI) (ET) Y VIII Y5 (AI) (SBY G279 MITED U3271 (2 (AI) VAN B83 (AI) SCTION X15 (A 0 (AI) (ET) R WILCOOLA 2 LINE D121 SKA 901 (AI) (ET)	OOD eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC FC FC FC FC FC FC FC FC FC	39%	2 35% CWT + +68 53% enetic Si Rave RA 5 L31 5 bol, L31 5 served: 0 1 bol, L31 5 Served: 0 1 CWT + +62 57%	52% EMA +3.9 52% atus: A v Stru RC GL, CE, ruary TH GL -6.0 84% EMA +5.7 59%	56% CARC RIB -0.5 51% AMFU Ictural Ictural <td>61% CASE P8 -0.2 54% Data RH 5 (x2),40 ngus A (x2),40 ngus A 200 +45 67% CASE P8 +1.4 60%</td> <td>63% RBY +0.8 48% CAFU RS . . \$ 00WT,S </td> <td>61% IMF +1.4 45% / DDF 5 5 5 S,FAT,I a BRE ROWT 600 +102 67% IMF +2.8 54%</td> <td>56% OTH NFI-P +0.0 39% U 5 5 5 F EMA, IM EDPL H MCW +73 61% OTH NFI-P +0.5 43%</td> <td>44 NFI +0 39 00 HB <i>HB</i> <i>AF</i> +1 50 IER NFI +0</td>	61% CASE P8 -0.2 54% Data RH 5 (x2),40 ngus A (x2),40 ngus A 200 +45 67% CASE P8 +1.4 60%	63% RBY +0.8 48% CAFU RS . . \$ 00WT,S	61% IMF +1.4 45% / DDF 5 5 5 S,FAT,I a BRE ROWT 600 +102 67% IMF +2.8 54%	56% OTH NFI-P +0.0 39% U 5 5 5 F EMA, IM EDPL H MCW +73 61% OTH NFI-P +0.5 43%	44 NFI +0 39 00 HB <i>HB</i> <i>AF</i> +1 50 IER NFI +0
Dam: HODH ABI \$122 archaser: COT 6 DOB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES ESTE FORRES Selection DOM \$115 	SEBUD B 12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB /OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) RLEW Free ASSADOR A13- 0145 (AI) (ET) Y VIII Y5 (AI) (SBY G279 MITED U3271 (2 (AI) VAN B83 (AI) SCTION X15 (A 0 (AI) (ET) R WILCOOLA 2 LINE D121 SKA 901 (AI) (ET)	OOD eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC FC FC FC FC FC FC FC FC FC	39%	2 35% CWT + +68 53% enetic Si Ra genetic Si - RA 5 L31 - bol, L31 - served: 0 - 1 - 0 45% CWT + +62 - 57% -	52% EMA +3.9 52% Fatus: A V Stru RC GL, CE, TUary TH GL -6.0 84% EMA +5.7 59% Fatus: A	56% CARC RIB -0.5 51% AMFU Ictural Ictural <td>61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A (x2),40 ngus A 200 +45 67% CASE P8 +1.4 60% NHFU</td> <td>63% RBY +0.8 48% CAFU RS S S S S S S RS S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S</td> <td>61% IMF +1.4 45% / DDF 5 5 5 S,FAT,I a BRE ROWT 600 +102 67% IMF +2.8 54%</td> <td>56% OTH NFI-P +0.0 39% U 5 5 5 F EMA, IM EDPL H MCW +73 61% OTH NFI-P +0.5 43%</td> <td>444 NFI +0 399 000L HBB <i>AF</i> Mi +1 500 IER NFI +0</td>	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A (x2),40 ngus A 200 +45 67% CASE P8 +1.4 60% NHFU	63% RBY +0.8 48% CAFU RS S S S S S S RS S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	61% IMF +1.4 45% / DDF 5 5 5 S,FAT,I a BRE ROWT 600 +102 67% IMF +2.8 54%	56% OTH NFI-P +0.0 39% U 5 5 5 F EMA, IM EDPL H MCW +73 61% OTH NFI-P +0.5 43%	444 NFI +0 399 000L HBB <i>AF</i> Mi +1 500 IER NFI +0
ABI \$122 urchaser: Lot 6 OB: 18/08/2 ire: NJWG2 am: NFJD1	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES ESTE FORRES ESTE FORRES ESTE FORRES Selection 2015 TUWHARETO LAW 279 MILWILAH MILWILLAH I MILWILLAH I MILWILLAH I CFORRES CONILOCHT LOCHT 21 FORRES CONILOCHT SELECTION	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LAH GAT MANIA UNLIM LOWAN D112 WILLAH LOW SSAN CONNE NECTION B44 ON EQUATOF S ROYAL-I IDGE NEBRA AL-LINE B97 RA TOOTSIE T	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) RLEW Free ASSADOR A13: 0 D145 (AI) (ET) Y VIII Y5 (AI) 2 (AI) WAN B83 (AI) 2 CTION X15 (A 0 (AI) (ET) R WILCOOLA 2 JINE D121 SKA 901 (AI) (ET) T1 (AI)	OOD eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC 5 FC FC FC FC FC FC FC FC FC FC	39%	2 35% CWT + +68 53% enetic Si Ra genetic Si - RA 5 L31 - bol, L31 - served: 0 - 1 - 0 45% CWT + +62 - 57% -	52% EMA +3.9 52% Fatus: A V Stru RC GL, CE, TUary TH GL -6.0 84% EMA +5.7 59% Fatus: A	56% CARC RIB -0.5 51% AMFU Ctural 5 5 200WT 2017 A BWT +3.3 66% CARC RIB +1.9 59%	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A (x2),40 ngus A 200 +45 67% CASE P8 +1.4 60% NHFU	63% RBY +0.8 48% CAFU RS S S S S S S RS S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	61% IMF +1.4 45% / DDF 5 5 5 S,FAT,I a BRE ROWT 600 +102 67% IMF +2.8 54%	56% OTH NFI-P +0.0 39% U 5 5 5 F EMA, IM EDPL H MCW +73 61% OTH NFI-P +0.5 43%	444 NFI +0 399 000L HBB <i>AF</i> Mi +1 500 IER NFI +0
Dam: HODH ABI \$122 archaser: COT 6 DOB: 18/08/2 ire: NJWG2	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES FORRES ESTE FORRES ESTE FORRES Selection 2015 TUWHARETO LAV 279 MILWILLAH I MILWILLAH I MILWILLAH I MILWILLAH I SORRES CONI LOCHT 121 FORRES BALDR FORRES ROY, WAITA	SEBUD B 12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB /OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) RLEW Free ASSADOR A13- 0145 (AI) (ET) Y VIII Y5 (AI) (SBY G279 MITED U3271 (2 (AI) VAN B83 (AI) SCTION X15 (A 0 (AI) (ET) R WILCOOLA 2 LINE D121 SKA 901 (AI) (ET)	OOD eeze Bran 4 (AI) (AI) (AI) (ET)	Acc FERTIN SS +2.4 68% 68% FC 5 CATS CATS CATS CATS CATS FC FC FC FC FC FC FC FC FC FC	39%	2 35% CWT + +68 53% enetic Si Ra genetic Si - RA 5 L31 - bol, L31 - served: 0 - 1 - 0 45% CWT + +62 - 57% -	52% EMA +3.9 52% ratus: A v Stru RC GL, CE, ruary GL, CE, ruary BHA +5.7 59% catus: A v Stru	56% CARC RIB -0.5 51% AMFU Ictural 200WT 2017 A BWT +3.3 66% CARC RIB +1.9 59% AMFU	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A (x2),40 ngus A 200 +45 67% CASE P8 +1.4 60% NHFU	63% RBY +0.8 48% CAFU RS S S S S S S RS S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S S	61% IMF +1.4 45% J DDF 5 S,FAT,J ia BRF ROWI 600 +102 67% IMF +2.8 54% J DDF	56% OTH NFI-P +0.0 39% U 5 5 5 F EMA, IM EDPL H MCW +73 61% OTH NFI-P +0.5 43%	444 NFI +0. 399 0014 HBI MI MI +1 500
ABI \$122 rchaser: 20t 6 'OB: 18/08/2 ire: NJWG2 am: NFJD1	IRELANDS RC IMR S A F 59 L T 598 BAND MILL C IS MERLEW FORRES ESTE FORRES ESTE FORRES ESTE FORRES Selection 2015 TUWHARETO LAW 279 MILWILAH MILWILLAH I MILWILLAH I MILWILLAH I CFORRES CONILOCHT LOCHT 21 FORRES CONILOCHT SELECTION	SEBUD B12 AN ROSEBUI 88 BANDO 517 O 9074 OULEE BARB OOD EST S BANDO 0699 R F128 S ESTER X71 (Indexes GRN \$127 MANIA AMBA A REGENT D VSONS HENR LAH GAT MANIA UNLIM LOWAN D112 WILLAH LOW SSAN CONNE NECTION B44 ON EQUATOF S ROYAL-I IDGE NEBRA AL-LINE B97 RA TOOTSIE T	(AI) (ET) 2 U17 (AI) (ET) 2 S 3 ARA K323 ER H5 (AI) 9 D75 (AI) (ET) (AI) (ET) (AI) (ET) (AI) (ET) RLEW Free ASSADOR A13: 0 D145 (AI) (ET) Y VIII Y5 (AI) 2 (AI) WAN B83 (AI) 2 CTION X15 (A 0 (AI) (ET) R WILCOOLA 2 JINE D121 SKA 901 (AI) (ET) T1 (AI)	OODD eeze Bran 4 (AI) (AI) (AI) (ET) I) (ET) Z83 (AI)	Acc FERTI SS +2.4 68% 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 5 68% FC 7 7 7 7 7 7 7 7 7 7 7 7 7	39%	2 35% CWT +68 53% enetic Si Ray RA 5 CWT 4 -0.1 5	52% EMA +3.9 52% ratus: A v Stru RC GL, CE, ruary CH GL -6.0 84% EMA +5.7 59% ratus: A v Stru	56% CARC RIB -0.5 51% AMFU Ictural 200WT 2017 A BWT +3.3 66% CARC RIB +1.9 59% AMFU	61% CASE P8 -0.2 54% NHFU Data RH 5 (x2),40 ngus A 200 +45 67% CASE P8 +1.4 60% NHFU	63% RBY +0.8 48% CAFU RS \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	61% IMF +1.4 45% J DDF 5 S,FAT,J ia BRF ROWI 600 +102 67% IMF +2.8 54% J DDF	56% OTH NFI-P +0.0 39% U 5 5 5 F EMA, IM EDPL H MCW +73 61% OTH NFI-P +0.5 43%	444 IER NFI +0 399 ODL HB MI HB MI F HB IER NFI +1 500 IER NFI +1 1 1 1 1 1 1 1

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+0.0 +0.1 -3.7 +4.3	+42 $+77$ $+100$ $+87$ $+15$ $+1$	7 -3.8 +56 +4.6 +0.0 -0.2	+0.3 +1.6 +0.09+0.16 +6 -0	-0 -1 -0.2 -0.1	+106 + 103 + 110 + 105

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	1	REN IRELANDS FL	NYLEA C277 ETCHER E1	(AI) (ET)			1	raits C	Observe	d: 400V	VT,SS,F	FAT,EM	1A,IMF	7	
				GOONA Z31 (A	J)	-	N	lid-Fel	bruary	2017 A	ngus A	ustrali	ia BRF	EEDPL	AN
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	,		R GRID MAK					Dtrs	_	BWT		400	600	MCW	
		RELANDS RO		(AI) (ET) D U17 (AI) (ET)	EBV's	+0.9		_		+48 57%	+ 85	+111 58%	+106 54%	+1
			TRATEGY 901)	FERTI	1	5070	4170	CAR		5770	5070	OT	
]	MERLEWOOD				SS	1	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	1
		LAWSO	NS GAR NEW I	DESIGN 1407 A	717 (AI) (ET)	+1.6	-4.9	+62	+3.4	-0.3	-0.2	+0.4	+1.8	+0.1	+(
Da	m: HODH	60 MERLE			H60	61%	30%	49%	46%	46%	48%	43%	40%	33%	34
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Sir	·e· NIWG?	LAV 279 MILWII		Y VIII Y5 (AI)					bruary RTH	2017 A	ngus A		ia BRF GROWI		AN
511	11002				(AI)	Angus	Dir	Dtrs		BWT	200	400	600	MCW	
			MANIA UNLIN	MITED U3271	(AI) (ET)	Angus	Dir				200				N
]				(AI) (ET)	EBV's	-1.2	-0.4	-6.7	+4.7	+47	+83	+112	+95	4
]	TE I MILWILLAH I		2 (AI)	(AI) (ET)	EBV's	-1.2 52%	-0.4	-6.7	+4.7 67%	+47 68%			+95 62%	-+ 5
		TE I MILWILLAH I MII KENNY	LOWAN D112 .WILLAH LOV 'S CREEK WHI'	2 (AI) WAN B83 (AI) TWORTH W134		EBV's Acc FERTI	-1.2 52% LITY	-0.4 46%	-6.7 85%	+4.7 67% CAR	+47 68% CASE	+83 70%	+112 68%	+95 62% OT	+ 5 HE
		TE I MILWILLAH I MII KENNY COOLANA WI	LOWAN D112 .WILLAH LOV 'S CREEK WHI'	2 (AI) WAN B83 (AI) TWORTH W134		EBV's	-1.2 52% LITY	-0.4	-6.7	+4.7 67%	+47 68%	+83	+112	+95 62%	+ 5 HIE
Da		TE I MILWILLAH I MII KENNY COOLANA WI	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH C NA X13 (AI)	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI)	(AI) (ET)	EBV's Acc FERTI SS	-1.2 52% LITY DTC	-0.4 46%	-6.7 85% EMA	+4.7 67% CARC RIB	+47 68% CASE P8	+83 70% RBY	+112 68% IMF	+95 62% OT NFI-P	+ 5 HEI NI
Da	ım: VCCG	TE I MILWILLAH I MII KENNY COOLANA WI COOLA 069 COOLA TE MAI	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A	2 (AI) VAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI)	(AI) (ET)	EBV's Acc FERTI SS +2.1	-1.2 52% LITY DTC -5.6 40%	-0.4 46% CWT +65 59%	-6.7 85% EMA +5.3 60%	+4.7 67% CARC RIB +1.7 61%	+47 68% CASE P8 +0.7 62%	+83 70% RBY -0.9 56%	+112 68% IMF +3.0 56%	+95 62% OT NFI-P +0.5 45%	+5 HE N
Da	ım: VCCG	TE I MILWILLAH I MII KENNY COOLANA WI COOLA 069 COOLA TE MAI COOLANA AN	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G069 A217 (AI) 0 (AI)	(AI) (ET)	EBV's Acc FERTI SS +2.1	-1.2 52% LITY DTC -5.6 40%	-0.4 46% CWT +65 59%	-6.7 85% EMA +5.3	+4.7 67% CARC RIB +1.7 61%	+47 68% CASE P8 +0.7 62%	+83 70% RBY -0.9 56%	+112 68% IMF +3.0 56%	+95 62% OT NFI-P +0.5 45%	+5 HE N
Da	ım: VCCG	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN COOLANA AN	LOWAN D112 WILLAH LOV 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NNABELL E40	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G069 A217 (AI) 0 (AI)	(AI) (ET)	EBV's Acc FERTI SS +2.1	-1.2 52% LITY DTC -5.6 40%	-0.4 46% CWT +65 59% netic S	-6.7 85% EMA +5.3 60%	+4.7 67% CAR(RIB +1.7 61%	+47 68% CASE P8 +0.7 62% NHFU	+83 70% RBY -0.9 56%	+112 68% IMF +3.0 56%	+95 62% OT NFI-P +0.5 45%	+5 HE N
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Da	ım: VCCG	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN COOLANA AN	LOWAN D112 WILLAH LOV 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E40 NA ANNABEL	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G069 A217 (AI) 0 (AI)	(AI) (ET)	EBV's Acc FERTI SS +2.1	-1.2 52% LITY DTC -5.6 40% Ge	-0.4 46% CWT +65 59% netic S	EMA +5.3 60%	+4.7 67% CAR(RIB +1.7 61%	+47 68% CASE P8 +0.7 62% NHFU	+83 70% RBY -0.9 56%	+112 68% IMF +3.0 56% J DDF	+95 62% OT NFI-P +0.5 45%	+5 HE N
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	ım: VCCG ABI	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA SElection	LOWAN D112 WILLAH LOV 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABEL I Indexes GRN	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS	• (AI) (ET) 9 (AI) FA	EBV's Acc FERTI SS +2.1 73%	-1.2 52% DTC -5.6 40% Ge	-0.4 46% CWT +65 59% netic S Ra RA	-6.7 85% EMA +5.3 60% Status: 1 W Stru	+4.7 67% CARC RIB +1.7 61% AMFU	+47 68% CASE P8 +0.7 62% NHFU I Data RH	+83 70% RBY -0.9 56% CAFU	+112 68% IMF +3.0 56% J DDF	+95 62% OT NFI-P +0.5 45%	+ 5 HE N
Purc	am: VCCG ABI \$119 chaser:	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA SElection	LOWAN D112 WILLAH LOV 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABEL Indexes GRN \$131	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112	• (AI) (ET) 9 (AI) FA	EBV's Acc FERTI SS +2.1 73%	-1.2 52% DTC -5.6 40% Ge 6	-0.4 46% CWT +65 59% netic S Ra RA 5	-6.7 85% EMA +5.3 60% Status: 7 RC	+4.7 67% CARC RIB +1.7 61% AMFU ictura 5	+47 68% CASE P8 +0.7 62% NHFU I Data RH	+83 70% RBY -0.9 56% CAFU RS	+112 68% IMF +3.0 56% J DDF	+95 62% OT NFI-P +0.5 45% U	++ 5 HE ++ 4
- Purc L	ABI \$119 ot 9	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN	LOWAN D112 WILLAH LOV 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABEL Indexes GRN \$131	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 CRLEW	• (AI) (ET) 9 (AI) FA	EBV's Acc FERTI SS +2.1 73%	-1.2 52% DTC □ -5.6 □ 40% □ Ge 6	-0.4 46% CWT +65 59% netic S Ra RA 5	-6.7 85% EMA +5.3 60% Status: 1 RC (AI	+4.7 67% CARC RIB +1.7 61% AMFU ictura 5	+47 68% CASE P8 +0.7 62% NHFU I Data RH	+83 70% RBY -0.9 56% CAFU RS	+112 68% IMF +3.0 56% J DDF	+95 62% OT NFI-P +0.5 45% U	+ 5 HE + 4
- Purc L	ABI \$119 chaser: ot 9 DB: 4/07/20	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA Selection DOM \$104	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABELL GRN \$131 MIE HURR 77 1346	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 CRLEW FI EXCEL	9 (AI) (ET) 9 (AI) FA	EBV's Acc FERTI SS +2.1 73%	-1.2 52% DTC -5.6 40% Ge Ge	-0.4 46% CWT +65 59% netic S Ra RA 5 V L6 bol, L6	-6.7 85% EMA +5.3 60% Status: 1 RC RC	+4.7 67% CARC RIB +1.7 61% AMFU ictura 5	+47 68% CASE P8 +0.7 62% NHFU I Data RH 5	+83 70% RBY -0.9 56% CAFU RS \$	+112 68% IMF +3.0 56% I DDF 6	+95 62% OT NFI-P +0.5 45%	+ 5 HE + 4
- Purc L	ABI \$119 chaser: ot 9 DB: 4/07/20	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLA 069 COOLA TE MAI COOLANA AN COOLANA AN COOLANA AN COOLANA SELECTION DOM \$104	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABEL Indexes GRN \$131 	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 CRLEW FI EXCEL 23	9 (AI) (ET) 9 (AI) FA	EBV's Acc FERTI SS +2.1 73%	-1.2 52% LITY DTC -5.6 40% Ge 5 6 0 0 0 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<	-0.4 46% CWT +65 59% netic S Ra RA 5 	-6.7 85% EMA +5.3 60% Status: 2 RC C GL, CE,	+4.7 67% CARC RIB +1.7 61% AMFU Ictura 5 	+47 68% CASE P8 +0.7 62% NHFU I Data RH 5	+83 70% RBY -0.9 56% CAFU RS \$	+112 68% IMF +3.0 56% J DDF 6 	+95 62% OTI NFI-P +0.5 45% U	HE N HC HO HO
Purc L DC	ABI \$119 chaser: ot 9 DB: 4/07/20	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLA 069 COOLA TE MAI COOLANA AN COOLANA AN COOLANA AN COOLANA SELECTION DOM \$104	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABEL I Indexes GRN \$131 	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 CRLEW Fr EXCEL 23 9 V141	(AI) (ET) 9 (AI) FA	EBV's Acc FERTI SS +2.1 73% FC 5 FC FC Tra	-1.2 52% DTC -5.6 40% Ge 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-0.4 46% CWT +65 59% netic S Ra RA 5 Y L6 bol, L6 erved: [id-Fe]	-6.7 85% EMA +5.3 60% Status: 1 RC RC	+4.7 67% CARC RIB +1.7 61% AMFU Ictura 5 	+47 68% CASE P8 +0.7 62% NHFU I Data RH 5	+83 70% RBY -0.9 56% CAFU RS \$	+112 68% IMF +3.0 56% J DDF 6 	+95 62% OTI NFI-P +0.5 45% U	HE N HE HO HO
Purc L DC	ABI \$119 chaser: ot 9 DB: 4/07/20	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA AN COOLANA Selection DOM \$104	LOWAN D112 WILLAH LOW S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABEL I Indexes GRN \$131 MLE HURR 77 1346 REALITY X7 HURR TOP 8019	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 CRLEW Fr EXCEL 23 9 V141	(AI) (ET) 9 (AI) FA 2 CODD reeze Bran 339	EBV's Acc FERTI SS +2.1 73%	-1.2 52% DTC -5.6 40% Ge 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-0.4 46% CWT +65 59% netic S Ra RA 5 Y L6 bol, L6 erved: [id-Fe]	-6.7 85% EMA +5.3 60% Status: 1 Status: 1 RC GL GL	+4.7 67% CARC RIB +1.7 61% AMFU Ictura 5 5 	+47 68% CASE P8 +0.7 62% NHFU I Data RH 5	+83 70% RBY -0.9 56% CAFU RS \$	+112 68% IMF +3.0 56% I DDF 6 S,FAT, ia BRF	+95 62% OTI NFI-P +0.5 45% U	HE N HE HO HO HO
urc L DC	ABI \$119 chaser: of 9 DB: 4/07/20 re: NZE140	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLANA AN COOLANA AN COOLAN	LOWAN D112 WILLAH LOW S CREEK WHI' HITWORTH (NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABELL E44 NA ANNABEL Indexes GRN \$131 ML HURR 77 1346 REALITY X7 HURR 77 1346 REALITY X7 HURR 78 019 IATAURI I MANIA ULON 663	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 CRLEW FI EXCEL 23 9 V141 REALITY 8 IG U41 (AI) (ET	(AI) (ET) 9 (AI) FA 2 CODD reeze Bran 339	EBV's Acc FERTI SS +2.1 73% FC Tra EBV's	-1.2 52% DTC -5.6 40% Ge Ge 6 5 6	-0.4 46% CWT +65 59% netic S Ra RA 5 V L6 bol, L6 erved: fid-Fel BI Dtrs +3.9	EMA +5.3 60% Status: 2 w Stru k Stru k C c (AI c C c C c C c C c C c C c C c C c C c C	+4.7 67% CARC RIB +1.7 61% AMFU Ictura 5 5 .200W7 2017 A BWT +2.1	+47 68% CASE P8 +0.7 62% NHFU I Data RH 5 C(x2),40 (ngus A 200 +42	+83 70% RBY -0.9 56% CAFU RS \$ \$ \$ 00WT,S ustral 6 400 +75	+112 68% IMF +3.0 56% / DDF 6 S, FAT, ia BRE ROWT 600 +93	+95 62% NFI-P +0.5 45% U U 5 5 EMA,I/I EDP1 TH MCW +74	HO HO HO HO HO HI HO
urc DC	ABI \$119 chaser: of 9 DB: 4/07/20 re: NZE140	TE I MILWILLAH I MII KENNY COOLANA WI COOLANA WI COOLA TE MAI COOLANA AN COOLA Selection DOM \$104 015 SCHURTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (C NA X13 (A) NA ANNA NIA AFRICA A NABELL E44 NA ANNABELL E44 NA ANNABELL E44 INGENES GRN \$131 	2 (AI) WAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 SRLEW FI EXCEL 23 9 V141 REALITY 8 IG U41 (AI) (ET AB	(AI) (ET) 9 (AI) FA 2 CODD reeze Bran 339	EBV's Acc FERTI SS +2.1 73% FC T3% FC FC FC FC FC FC FC FC FC FC FC FC FC	-1.2 52% DTC -5.6 40% Ge 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-0.4 46% CWT +65 59% netic S Ra RA 5 V L6 bol, L6 erved: fid-Fel BI Dtrs +3.9	EMA +5.3 60% Status: 2 w Stru k Stru k C c (AI c C c C c C c C c C c C c C c C c C c C	+4.7 67% CARC RIB +1.7 61% AMFU Ictura 5 5 	+47 68% CASE P8 +0.7 62% I Data RH 5 C(x2),4C I Data C(x2),4C I Data C(x2),4C	+83 70% RBY -0.9 56% CAFU RS \$ \$ \$ 00WT,S (ustral) 6 400	+112 68% IMF +3.0 56% I DDF 6 6 S,FAT, ia BRE ROWI 600	+95 62% OT NFI-P +0.5 45% U U 5 5 EMA,1/ CEDPI FH MCW +74 64%	++ 5 HE NI ++ 4 4 HO HI HI MF AN ++ 5
urc DC	ABI \$119 chaser: ot 9 DB: 4/07/20 re: NZE146	TE I MILWILLAH I MIL KENNY COOLANA WI COOLANA WI COOLA TE MAI COOLANA AN COOLA Selection DOM \$104 015 SCHURTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (C NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABELL E44 NA ANNABEL Indexes GRN \$131 	2 (AI) VAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 FI EXCEL 23 9 V141 REALITY 8 AB 8	(AI) (ET) 9 (AI) FA FA COOD reeze Bran 339 F)	EBV's Acc FERTI SS +2.1 73% FREA nd: Ome, Tra EBV's Acc FERTI	-1.2 52% DTC -5.6 40% Ge 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-0.4 46% CWT +65 59% netic S Ra RA 5 V L6 bol, L6 erved: [id-Fe] BI Dtrs +3.9 53%	-6.7 85% EMA +5.3 60% Gl CE CE	+4.7 67% CARC RIB +1.7 61% AMFU Ictura 5 5 	+47 68% CASE P8 +0.7 62% I Data RH 5 5 (x2),40 (ngus A 200 +42 67% CASE	+83 70% RBY -0.9 56% CAFU RS \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	+112 68% IMF +3.0 56% DDF 6 S,FAT, ia BRF ROWI 600 +93 67%	+95 62% OT NFI-P +0.5 45% U U 5 5 5 <i>EMA,II</i> EDPI TH MCW +74 64% OT	+ 5 HE N + + 4
Purc L DC	ABI \$119 chaser: ot 9 DB: 4/07/20 re: NZE146	TE I MILWILLAH I MIL KENNY COOLANA WI COOLANA WI COOLA TE MAI COOLANA AN COOLA Selection DOM \$104 \$104 015 SCHURTOP SCHURTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (C NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABELL E44 NA ANNABELL E44 INGENES GRN \$131 	2 (AI) VAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 FI EXCEL 23 9 V141 REALITY 8 AB 8	(AI) (ET) 9 (AI) FA 2 COOD reeze Bran 339 F)	EBV's Acc FERTI SS +2.1 73% FREA nd: Ome, Tra EBV's Acc FERTI	-1.2 52% DTC -5.6 40% Ge 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-0.4 46% CWT +65 59% netic S Ra RA 5 V L6 bol, L6 erved: fid-Fel BI Dtrs +3.9	EMA +5.3 60% Status: 2 w Stru k Stru k C c (AI c C c C c C c C c C c C c C c C c C c C	+4.7 67% CARC RIB +1.7 61% AMFU Ictura 5 5 	+47 68% CASE P8 +0.7 62% I Data RH 5 5 (x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r	+83 70% RBY -0.9 56% CAFU RS \$ \$ \$ 00WT,S ustral 6 400 +75	+112 68% IMF +3.0 56% / DDF 6 s, FAT, ia BRE ROWT 600 +93	+95 62% OT NFI-P +0.5 45% U U 5 5 EMA,1/ CEDPI FH MCW +74 64%	+ 5 HE N + 4 HO HI M F A N HE N
Purc DC Sir	ABI \$119 chaser: ot 9 DB: 4/07/20 Fe: NZE146	TE I MILWILLAH I MIL KENNY COOLANA WI COOLANA WI COOLANA AN COOLA Selection DOM \$104 \$104 015 SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP SCHURRTOP 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SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP SCHURTOP	LOWAN D112 WILLAH LOW 'S CREEK WHI' HITWORTH (C NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABELL E44 NA ANNABELL E44 INGENESSION STATE INGEXESSION STATE INGEXESSION STATE INGEXESSION STATE INGEXESSION STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE STATE 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bol, L6 erved: [id-Fe] BI Dtrs +3.9 53%	-6.7 85% EMA +5.3 60% Status: 1 W Stru W Stru RC GL, CE, GL, CE, RTH GL -8.5 83%	+4.7 67% CARC RIB +1.7 61% AMFU ICTUTA 5 5 	+47 68% CASE P8 +0.7 62% I Data RH 5 5 (x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 r(x2),40 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Purc DC Sir	am: VCCG ABI \$119 chaser: ot 9 DB: 4/07/20 re: NZE146	TE I MILWILLAH I MILWILLAH I KENNY COOLANA WI COOLANA WI COOLANA AN COOLA Selection DOM \$104 \$104 015 SCHURRTOP SCH 547008839 N TE I MATAURIO6 MATAURIO6 MATAURIO6 G6 MERLEV B C C E MERLEWOOE	LOWAN D112 WILLAH LOW S CREEK WHI' HITWORTH C NA X13 (AI) NA ANNA NIA AFRICA A NABELL E44 NA ANNABEL Indexes GRN \$131 	2 (AI) VAN B83 (AI) TWORTH W134 C58 (AI) BELL G06 A217 (AI) 0 (AI) LL C115 GRS \$112 	 (AI) (ET) 9 (AI) FA FA FA TA <l< td=""><td>EBV's Acc FERTI SS +2.1 73% FC 73% FC 5 FC Tra Angus EBV's Acc FERTI SS +2.2</td><td>-1.2 52% DTC -5.6 40% Ge 6 6 6 6 7 7 7 6 7 6 7 7 6 7 7 6 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td><td>-0.4 46% CWT +65 59% netic S Ra RA 5 V L6 bol, L6 erved: 10-Fel BI Dtrs +3.9 53% CWT +54 60%</td><td>-6.7 85% EMA +5.3 60% Status: 1 w Stru w Stru g RC GL, CE, GL, CE, RTH GL -8.5 83% EMA +4.5</td><td>+4.7 67% CARC RIB +1.7 61% AMFU ICTUTA 5 5 </td><td>+47 68% CASE P8 +0.7 62% I Data RH 5 5 (x2),40 (ngus A 200 +42 67% CASE P8 +3.4 61%</td><td>+83 70% RBY -0.9 56% CAFU RS \$ \$ \$ \$ \$ 00WT,S (ustral) 69% RBY -1.2 56%</td><td>+112 68% IMF +3.0 56% DDF 6 S,FAT, ia BRF ROWI 600 +93 67% IMF +2.1 55%</td><td>+95 62% OT NFI-P +0.5 45% U U 5 5 5 5 5 5 5 5 5 6 7 7 8 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7</td><td>HO HO HO HO HO HO HO HO HO HO HO HO HO H</td></l<>	EBV's Acc FERTI SS +2.1 73% FC 73% FC 5 FC Tra Angus EBV's Acc FERTI SS +2.2	-1.2 52% DTC -5.6 40% Ge 6 6 6 6 7 7 7 6 7 6 7 7 6 7 7 6 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-0.4 46% CWT +65 59% netic S Ra RA 5 V L6 bol, L6 erved: 10-Fel BI Dtrs +3.9 53% CWT +54 60%	-6.7 85% EMA +5.3 60% Status: 1 w Stru w Stru g RC GL, CE, GL, CE, RTH GL -8.5 83% EMA +4.5	+4.7 67% CARC RIB +1.7 61% AMFU ICTUTA 5 5 	+47 68% CASE P8 +0.7 62% I Data RH 5 5 (x2),40 (ngus A 200 +42 67% CASE P8 +3.4 61%	+83 70% RBY -0.9 56% CAFU RS \$ \$ \$ \$ \$ 00WT,S (ustral) 69% RBY -1.2 56%	+112 68% IMF +3.0 56% DDF 6 S,FAT, ia BRF ROWI 600 +93 67% IMF +2.1 55%	+95 62% OT NFI-P +0.5 45% U U 5 5 5 5 5 5 5 5 5 6 7 7 8 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	HO HO HO HO HO HO HO HO HO HO HO HO HO H
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Dir	Dtra	GL		200			MCW	Milk		DTC	CWI	EMA	RIB	PB	RBY	IMF	NEI-PNI		Dec	FA	FC	RA	RH	RS	ADI DO!	d GRN	GRS
+0.0	+0.1	-3,7	+4.3	+42	+77	+100	+87	+15	+1.7	-3.8	+56	+4.6	+0.0	-0.2	+0.3	+1.6	-0.09+0	0.16	+6.	-0	-0	-1	-0.2	-0,1	+106 +10	3 +110	+105

MERLEWOOD REALITY L7 (AI) Lot 10 Freeze Brand: Omega Symbol, L7 DOB: 5/07/2015 HBR SCHURR 77 1346 EXCEL Traits Observed: GL,CE,200WT(x2),400WT,SS,FAT,EMA,IMF SCHURRTOP REALITY X723 Mid-February 2017 Angus Australia BREEDPLAN SCHURRTOP 8019 V141 Sire: NZE14647008839 MATAURI REALITY 839 BIRTH GROWTH Angus TE MANIA ULONG U41 (AI) (ET) Dir Dtrs GL BWT 200 400 600 MCW Milk MATAURI 06663 EBV's +4.8+4.2-7.8 +2.5+45+81+104 +79 +15MATAURI 04456 AB 56% 53% 83% 64%67%69% 67%64% 57% Acc HYLINE RIGHT TIME 338 (ET) FERTILITY CARCASE OTHER K C F BENNETT PERFORMER DTC CWT EMA RIB P8 RBY IMF NFI-P NFI-F SS K C F MISS 589 L182 +2.8-4.2 +53+6.1+3.4+3.1-0.3 +1.9 +0.2+0.4Dam: HODJ46 MERLEWOOD BLACKBIRD J46 (AI) 40% 47% 73% 61% 60% 60% 61% 57% 56% 48% TE MANIA ULONG U41 (AI) (ET) MERLEWOOD BLACKBIRD F33 (AI) Genetic Status: AMFU NHFU CAFU DDFU THE GRANGE BLACKBIRD B149 (AI) (ET) **Selection Indexes Raw Structural Data** ABI DOM GRN GRS RH FC M FA 🍮 0 N RC RS 4 \$121 \$115 \$118 \$122 5 6 5 5 5 5 Purchaser: \$..... Lot 11 **MERLEWOOD HEIRLOOM L82** Freeze Brand: Omega Symbol, L82 (F) DOB: 30/08/2015 HBR RENNYLEA C277 (AI) (ET) Traits Observed: CE,200WT(x2),400WT,SS,FAT,EMA,IMF **IRELANDS FLETCHER F1** TE MANIA WARGOONA Z31 (AI) Mid-February 2017 Angus Australia BREEDPLAN Sire: VICH343 IRELANDS HEIRLOOM H343 (AI) (ET) BIRTH GROWTH Angus G A R GRID MAKER Dir Dtrs GL BWT 200 400 600 MCW Milk IRELANDS ROSEBUD B12 (AI) (ET) **EBV's** +0.3+1.3+48 +90+101 -3.4 +4.4+114+15IMRAN ROSEBUD U17 (AI) (ET) 34% 30% 40% 60% 62% 59% 53% 55% 41% Acc S A F STRATEGY 9015 FERTILITY OTHER CARCASE MERLEWOOD SAF STRATEGY F34 (AI) SS DTC CWT EMA RIB P8 RBY IMF NFI-P NFI-F LAWSONS GAR NEW DESIGN 1407 A717 (AI) (ET) +1.6 -3.9 +67+3.8-1.0 -1.0 +0.7+1.6-0.0 -0.1 Dam: HODH68 MERLEWOOD SUNBEAM H68 67% 30% 51% 49% 35% 48% 51% 45% 42% 34% LEACHMAN BOOM TIME MERLEWOOD SUNBEAM E16 (AI) (ET) Genetic Status: AMFU NH50% CAFU DD13% STRATHEWEN XPO SUNBEAM B26 (AI) (ET) **Selection Indexes Raw Structural Data** ABI DOM GRN GRS FC M FA 🦾 RA 🏷 N RC RH RS \$113 \$112 \$118 \$112 5 6 5 5 5 5 5 Purchaser: \$..... Lot 12 **MERLEWOOD MENTOR L87 (AI) (ET** DOB: 31/08/2015 Freeze Brand: Omega Symbol, L87 HBR G A R PRECISION 1680 Traits Observed: 200WT(x2),400WT,SS,FAT,EMA,IMF G A R RETAIL PRODUCT G A R EXT 4927 Mid-February 2017 Angus Australia BREEDPLAN Sire: USA15832714 CONNEALY MENTOR 7374 BIRTH GROWTH Angus JAUER 353 TRAVELER 589 27 Dir Dtrs GL BWT 200 400 600 MCW Milk EXECUTA OF CONANGA 939 EBV's -1.8 +0.5-2.0 +4.7 +44 +80+107+90+13 EXEC OF CONANGA 6940 54% 48% 62% 67% 69% 69% 68% 64% 60% Acc B/R NEW DESIGN 036 FERTILITY CARCASE OTHER B/R NEW DIMENSION 7127 SS DTC CWT EMA RIB P8 RBY IMF NFI-P NFI-F B/R RUBY OF TIFFANY 4117 +3.0-4.7 +63 +7.8 +0.1 +0.0 +1.3 +1.6 +0.1+0.371% 42% 47% Dam: VTMB155 TE MANIA JEDDA B155 (AI) (ET) 61% 61% 61% 61% 57% 57% 46% C A FUTURE DIRECTION 5321 TE MANIA JEDDA W85 (AI) (ET) Genetic Status: AMFU NHFU CAFU DDFU TE MANIA JEDDA S241 (AI) (ET) Raw Structural Data **Selection Indexes** ABI DOM GRN GRS FC 🌱 FA 🍮 RA 🏷 2 RC RH RS

 Dir
 Dir
 GL
 BW
 200
 400
 600
 MCW Milk
 SE
 DTC CWT EMA RIB
 P8
 RBY IMF NTI-PNFI-F Doc
 FA
 FC
 RA
 RH
 RS
 ADJ DOM GRN GRS

 +0.0
 +0.1
 3.7
 +4.3
 +42
 +77
 +100
 +87
 +15
 +1.7
 -3.8
 +56
 +4.6
 +0.0
 -0.2
 +0.3
 +1.6
 +0.09+0.16
 +6
 -0
 -0
 -1
 -0.2
 -0.1
 +106
 +103
 +110
 +105

5

5

5

4

5

4

5

\$117

\$109

\$121

\$114

Sale Lots $\, \mathbf{0} \,$

L	ot 13		MERI	LEWOC)D D(DCKL	ANI	DS L	32 (A	AI)					IODI
	DB: 18/08/2	2015				d: Omega									HB
			DROSSAN DIR		9 (AI) (ET)	Trait	ts Obse	rved: (GL,CE,	200WT	(x2), 40	DOWT.S	S,FAT,	EMA,IN	1F
		KAROO W109	DIRECTION : ROO FLATS M		5(41)	-							ia BRE		
Si	re: OHED6	52 CARABA			· /			BIR		2017 A	Ingus A		GROWT		
			N VIEW NEW I		< / </td <td>Angus</td> <td>Dir</td> <td>Dtrs</td> <td>GL</td> <td>BWT</td> <td>200</td> <td>400</td> <td>600</td> <td>MCW</td> <td>M</td>	Angus	Dir	Dtrs	GL	BWT	200	400	600	MCW	M
		CARABAR BL				EBV's	+2.7	+0.3	-7.9	+4.5	+48	+90	+123	+103	+
			OROOMOOKA		I) (ET)	Acc	56%	51%	84%	64%	67%	68%	66%	64%	59
		PAPA E ARDROSSAN	QUATOR 2928			FERTIL SS I		CWT I	-	CARC RIB	P8	DDV	DAE	OTI NFI-P	_
			SSAN PRINCE		ET)				EMA +6.4	-0.9	-1.0	RBY +1.1	IMF +1.3	+0.2	111
D٤	ım: HODG	1 MERLEV								61%	62%	58%	56%	49%	50
			NGTON PARK		(AI)		~								
		CARRINGTON					Gen	ietic St	atus: A	MFU	NHFU	CAFU	J DDF	U	
		Selectior	NGTON PARK	EMPRESS AL	/ (AI)			Dov	. \$1	atura	l Data				
		Selection	Inuexes	1		No. 1	al)	Nav	v Sti u		Data		(***		
	ABI	DOM	GRN	GRS	FA	S FC	-	RA S	RC	-	RH	RS	10	pe	
	\$125	\$115	\$130	\$124			5	5	KC	5	5	Ko	5	5	
			ψισσ	Ψ 1 = 1		<u> </u>				5			5		
ur	chaser:						• • • • • • • • •	•••••	•••••	•••••	•••••	. \$		•••••	
L	ot 14		ME	CRLEW	OOD	HEIR	LO	OM I	L57						IOD
D	DB: 24/08/2				eeze Bran	d: Omega	Symbo	ol, L57							HI
		REN IRELANDS FL	INYLEA C277	(AI) (ET)		Tra	aits Ob	served:	CE,20)0WT(x	:2),400	WT, SS,	FAT,EI	MA,IMI	7
			MANIA WARG	GOONA Z31 (A	.I)	-	M	id-Febı	ruary 2	2017 A	ngus A	ustral	ia BRE	EDPL	AN
Si	re: VICH34	43 IRELAN	DS HEIRLO	OOM H343	(AI) (ET			BIR					GROWT		
			R GRID MAK			Angus	Dir	Dtrs	GL	BWT		400	600	MCW	
		IRELANDS RO		(AI) (ET)		EBV's	-1.2	+1.6	-5.0	+5.6	+53	+95	+125	+129	+
		DAT 11		LUIT (AL) (ET)	`````	Acc.	100%	250%	520%	5601-	610/-		6007-	5601-	
				D U17 (AI) (ET))	Acc	40%	35%	53%	56%	61%	63%	60%	56%	
			IEW NEW DES)	FERTIL	ITY			CARC	CASE		1	ΟΤΙ	IE
		BON VI TC TOTAL 410	IEW NEW DES	IGN 208)	FERTIL SS I	ITY DTC (CWT I	EMA +5.4			RBY +1.3	IMF +1.8		HE N
Da		BON VI TC TOTAL 410 TC ERIO 14 MERLEV	IEW NEW DES) CA EILEEN 20 WOOD NEV	NGN 208 47 W DESIGN	F14 (AI)	FERTIL SS I +2.1 -	ITY DTC (-3.7	CWT I +70	EMA + 5.4	CARC RIB	CASE P8	RBY	IMF	OTI NFI-P	HE N
Da	ım: HODF	BON VI TC TOTAL 410 TC ERIO 14 MERLEV TEHAM	IEW NEW DES) CA EILEEN 20 WOOD NEV 1A SCHWARZI	AIGN 208 47 W DESIGN ENEGGER N60	F14 (AI)	FERTIL SS I +2.1 -	ITY DTC (-3.7 33%	CWT H +70 53%	EMA + 5.4 53%	CARC RIB -2.3 52%	CASE P8 -1.8 54%	RBY +1.3 49%	IMF +1.8 46%	OTH NFI-P -0.1 38%	HE N
Da	ım: HODF	BON VI TC TOTAL 410 TC ERIO 14 MERLEV TEHAM LAWSONS SC	IEW NEW DES) CA EILEEN 20 WOOD NEV 1A SCHWARZI	47 W DESIGN ENEGGER N60 GGER B1036 (F14 (AI) 00 (AI)	FERTIL SS I +2.1 -	ITY DTC (-3.7 33%	CWT H +70 53%	EMA + 5.4 53%	CARC RIB -2.3 52%	CASE P8 -1.8 54%	RBY +1.3 49%	IMF +1.8	OTH NFI-P -0.1 38%	HE N
Da	ım: HODF	BON VI TC TOTAL 410 TC ERI 14 MERLEV TEHAM LAWSONS SC LAWSO	IEW NEW DES) CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEO	47 W DESIGN ENEGGER N60 GGER B1036 (F14 (AI) 00 (AI)	FERTIL SS I +2.1 -	ITY DTC (-3.7 33%	CWT I +70 53% = etic Sta	EMA + 5.4 53%	CARC RIB -2.3 52%	CASE P8 -1.8 54% NHFU	RBY +1.3 49%	IMF +1.8 46%	OTH NFI-P -0.1 38%	HE N
Da	ım: HODF	BON VI TC TOTAL 410 TC ERI 14 MERLEV TEHAM LAWSONS SC LAWSO Selection	IEW NEW DES) CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES 1 Indexes	47 47 W DESIGN ENEGGER N60 GGER B1036 (IGN 1407 Z136	F14 (AI) 00 (AI)	FERTIL SS I +2.1 -	ITY DTC (-3.7 33%	CWT I +70 53% = etic Sta	EMA + 5.4 53%	CARC RIB -2.3 52% MFU	CASE P8 -1.8 54% NHFU	RBY +1.3 49%	IMF +1.8 46%	OTH NFI-P -0.1 38%	HE N
Da	ım: HODF	BON VI TC TOTAL 410 TC ERI 14 MERLEV TEHAM LAWSONS SC LAWSO	IEW NEW DES) CA EILEEN 20 WOOD NEV 1A SCHWARZI HWARZENEG DNS NEW DES	47 W DESIGN ENEGGER N60 GGER B1036 (F14 (AI) 00 (AI)	FERTIL SS I +2.1 -	ITY DTC (3.7 33% 3 Gen	CWT I +70 53% = etic Sta	EMA + 5.4 53%	CARC RIB -2.3 52% MFU	CASE P8 -1.8 54% NHFU	RBY +1.3 49%	IMF +1.8 46% / DD13	OTH NFI-P -0.1 38%	HE N
Da	ım: HODF	BON VI TC TOTAL 410 TC ERI 14 MERLEV TEHAM LAWSONS SC LAWSO Selection	IEW NEW DES) CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES 1 Indexes	47 47 W DESIGN ENEGGER N60 GGER B1036 (IGN 1407 Z136	F14 (AI) 00 (AI) 54 (AI)	FERTIL SS I +2.1 - 69% 2	ITY DTC (3.7 33% 3 Gen	CWT I +70 53% etic Sta Rav	EMA + 5.4 53% utus: A.	CARC RIB -2.3 52% MFU	CASE P8 -1.8 54% NHFU Data	RBY +1.3 49% CAFU	IMF +1.8 46% / DD13	OTH NFI-P -0.1 38%	HE N
	ABI \$122	BON VI TC TOTAL 410 TC ERI 14 MERLEY TEHAM LAWSONS SC LAWSO Selection DOM	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZENEC DNS NEW DES I Indexes GRN	47 W DESIGN ENEGGER N60 GGER B1036 (IGN 1407 Z136 GRS \$117	F14 (AI) 00 (AI) 4 (AI) FA	FERTIL SS I +2.1 - 69% 2	ITY DTC 0 33% 3 Gen 33% 7	CWT I +70 53% = etic Sta Ray RA 5	EMA +5.4 53% ttus: A. v Stru RC	CARC RIB -2.3 52% MFU ctura 5	CASE P8 -1.8 54% NHFU Data RH 4	RBY +1.3 49% CAFU	IMF +1.8 46% / DD13	0TI NFI-P -0.1 38% 2%	HE N 3
Pur	ABI \$122 chaser:	BON VI TC TOTAL 410 TC ERI 14 MERLEY TEHAM LAWSONS SC LAWSO Selection DOM \$114	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEC DNS NEW DES Indexes GRN \$133	47 W DESIGN ENEGGER N60 GGER B1036 (IGN 1407 Z136 GRS \$117	F14 (AI) 00 (AI) 54 (AI) FA 2 5	FERTIL SS I +2.1 - 69% - 5 -	ITY DTC 0 .3.7 33% Gen	CWT I +70 53% 2 etic Sta Rav RA 5	EMA +5.4 53% utus: A. v Stru RC	CARC RIB -2.3 52% MFU ctura 5	CASE P8 -1.8 54% NHFU Data RH 4	RBY +1.3 49% CAFU	IMF +1.8 46% / DD13	0TI NFI-P -0.1 38% 2%	HE N 3
°ur L	ABI \$122 chaser: ot 15	BON VI TC TOTAL 410 TC ERI 14 MERLEY TEHAM LAWSONS SC LAWSO Selection DOM \$114	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEC DNS NEW DES Indexes GRN \$133	47 W DESIGN ENEGGER N60 GGER B1036 (IGN 1407 Z136 GRS GRS \$117	F14 (AI) (AI) 64 (AI) FA (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI)	FERTIL SS I +2.1 - 69% 2 5 FC 5 FC	ITY OTC 0 -3.7 33% 33% 3 Gen	CWT I +70 53% 2 etic Sta Rav RA 5 5	EMA +5.4 53% vtus: A v Stru RC (AI)	CARC RIB -2.3 52% MFU ctura 5	CASE P8 -1.8 54% NHFU Data RH 4	RBY +1.3 49% CAFU	IMF +1.8 46% / DD13	0TH NFI-P -0.1 38% 2% 5	HE NI 3
°ur L	ABI \$122 chaser:	BON VI TC TOTAL 410 TC ERI 14 MERLEY TEHAM LAWSONS SC LAWSO Selection DOM \$114	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEC DNS NEW DES Indexes GRN \$133	AT W DESIGN ENEGGER N60 GGER B1036 (IGN 1407 Z136 GRS \$117 CRLEW Fre	F14 (AI) (AI) 64 (AI) FA (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI) (AI)	FERTIL SS I +2.1 - 69% - 5 - 5 - CASII d: Omega	ITY DTC 0 .3.7 33% Gen	CWT I +70 53% 2 etic Sta Rav RA 5 5 U77 0 ol, L77	EMA +5.4 53% v Stru RC (AI)	CARC RIB -2.3 52% MFU ctura 5	САSE Р8 -1.8 54% NHFU Data RH 4	RBY +1.3 49% CAFU RS	IMF +1.8 46% 7 DD13 5	0TI NFI-P -0.1 38% 2%	IE NI 3
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² ur L D Sin	ABI \$122 chaser: ot 15 DB: 30/08/2 re: NAQC1	BON VU TC TOTAL 410 TC ERU 14 MERLEV TEHAM LAWSONS SC LAWSO Selection DOM \$1114 2015 TE I ARDROSSAN ARDROSSAN ARDROSSAN ARDROSSAN B/R NE G A R PREDES G A R P	EW NEW DES CA EILEEN 200 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES Indexes GRN \$133 MIE MANIA MODE MODEST W3 DROSSAN WIL SAN CASIN FUTURE DIRI PRINCESS W DROSSAN PRI W DESIGN 036 STINED EXT 4206	AT AT AT AT AT AT AT AT AT AT	F14 (AI) (AI) (AI) (AI) (AI) (FA (AI) (ET) (ET) (ET)	FERTIL SS I +2.1 - 69% 3 69% 3 69% 3 69% 3 Good FC 5 - 69% 3 Good - Good - </td <td>ITY DTC 0 .3.7 .33% Gen .33% Gen </td> <td>CWT I +70 53% = etic Sta Rav Rav S 5 01, L77 ol, L77 ol, L77 served: bIR Dtrs +0.3 48%</td> <td>EMA +5.4 53% vtus: A. v Stru RC (AI) c GL, C. cuary 2 CTH GL -6.2 85% EMA +5.4</td> <td>CARC RIB -2.3 52% MFU ctura 5 5 5 E,200V 2017 A BWT +5.5 65% CARC RIB -1.7</td> <td>CASE P8 -1.8 54% NHFU Data RH 4 4 VT,400 ngus A 200 +48 67% CASE P8 -1.7</td> <td>RBY +1.3 49% CAFU RS . . \$ WT,SS, <td>IMF +1.8 46% 7 DD13 5 5 FAT,EA ia BRF 5 GROWT 600 +107 65% IMF +2.3</td><td>OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 7 7 8 8 8 8 7 8 7 8 7 8 7 8</td><td>HE N 3 3 1 0 0 0 1 1 1 6 1 1 6 1 1 6 1 1 1 1 1 1</td></td>	ITY DTC 0 .3.7 .33% Gen .33% Gen	CWT I +70 53% = etic Sta Rav Rav S 5 01, L77 ol, L77 ol, L77 served: bIR Dtrs +0.3 48%	EMA +5.4 53% vtus: A. v Stru RC (AI) c GL, C. cuary 2 CTH GL -6.2 85% EMA +5.4	CARC RIB -2.3 52% MFU ctura 5 5 5 E,200V 2017 A BWT +5.5 65% CARC RIB -1.7	CASE P8 -1.8 54% NHFU Data RH 4 4 VT,400 ngus A 200 +48 67% CASE P8 -1.7	RBY +1.3 49% CAFU RS . . \$ WT,SS, <td>IMF +1.8 46% 7 DD13 5 5 FAT,EA ia BRF 5 GROWT 600 +107 65% IMF +2.3</td> <td>OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 7 7 8 8 8 8 7 8 7 8 7 8 7 8</td> <td>HE N 3 3 1 0 0 0 1 1 1 6 1 1 6 1 1 6 1 1 1 1 1 1</td>	IMF +1.8 46% 7 DD13 5 5 FAT,EA ia BRF 5 GROWT 600 +107 65% IMF +2.3	OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 7 7 8 8 8 8 7 8 7 8 7 8 7 8	HE N 3 3 1 0 0 0 1 1 1 6 1 1 6 1 1 6 1 1 1 1 1 1
^o ur L D Sin	ABI \$122 chaser: ot 15 DB: 30/08/2 re: NAQC1	BON VU TC TOTAL 410 TC ERIC 14 MERLEV TEHAM LAWSONS SC LAWSO Selection DOM \$1114 2015 TE J ARDROSSAN ARJ BARDROSSAN ARI BARDROSSAN ARI B/R NE G A R PREDES G A R F	EW NEW DES CA EILEEN 200 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES Indexes GRN \$133 MIE MANIA MODE MODEST W3 DROSSAN WIL SAN CASIN FUTURE DIRI PRINCESS W DROSSAN PRI W DESIGN 036 STINED EXT 4206	AT AT AT AT AT AT AT AT AT AT	F14 (AI) (AI) (AI) (AI) (AI) (FA (AI) (ET) (ET) (ET)	FERTIL SS I +2.1 - 69% 3 69% 3 69% 3 69% 3 69% 3 69% 3 FC 3 69% 3 General Fc 5 7 General 7 General 7 FERV's Acc FERTIL SS SS I +1.3 -	ITY DTC 0 .3.7 .33% Gen .33% Gen	CWT I +70 = = = = = = = = = = = = = = = = = = =	EMA +5.4 53% vtus: A. v Stru RC (AI) c GL, C. cuary 2 CTH GL -6.2 85% EMA +5.4	CARC RIB -2.3 52% MFU ctura 5 5 5 5 6 6 6 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	CASE P8 -1.8 54% NHFU Data RH 4 VT,400 ngus A 200 +48 67% CASE P8	RBY +1.3 49% CAFU RS \$ \$ WT,SS, WT,SS, Ustral 400 +80 66% RBY	IMF +1.8 46% 7 DD13 5 5 5 FAT,EA ia BRF GROWT 600 +107 65% IMF	OTI NFI-P -0.1 38% 2% 5 5 5 5 5 7 7 7 7 8 7 8 7 7 7 7 7 8 7 7 7 7	HE N 3 3 1 0 0 0 1 1 1 6 1 1 6 1 1 6 1 1 1 1 1 1
^y ur L D(ABI \$122 chaser: ot 15 DB: 30/08/2 re: NAQC1	BON VU TC TOTAL 410 TC ERIC 14 MERLEV TEHAM LAWSONS SC LAWSO Selection DOM \$1114 2015 TE J ARDROSSAN ARJ BARDROSSAN ARI BARDROSSAN ARI B/R NE G A R PREDES G A R F	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES Indexes GRN \$133 MIE MANIA MODE MODEST W3 DROSSAN WII SAN CASIN FUTURE DIRI PRINCESS W DROSSAN PRI W DESIGN 036 STINED EXT 4206 WOOD YOU (IELD GRADE	AT AT AT AT AT AT AT AT AT AT	F14 (AI) (AI) (AI) (AI) (AI) (FA (AI) (ET) (ET) (ET)	FERTIL SS I +2.1 - 69% 3 69% 3 69% 3 69% 3 69% 3 69% 3 FC 3 69% 3 General Fc 5 7 General 7 General 7 FERV's Acc FERTIL SS SS I +1.3 -	ITY DTC 0 .3.7 .33% Gen .33% Gen	CWT I +70 53% = etic Sta Rav Rav 5 5 	EMA +5.4 53% vtus: A. v Stru RC (AI) c GL, C. cuary 2 CTH GL -6.2 85% EMA +5.4 54%	CARC RIB -2.3 52% MFU ctura 5 5 5 E,200V 2017 A BWT +5.5 65% CARC RIB -1.7 56%	CASE P8 -1.8 54% NHFU Data RH 4 4 VT,400 ngus A 200 +48 67% CASE P8 -1.7 55%	RBY +1.3 49% CAFU RS \$ \$ WT,SS, WT,SS, Ustrall Q 400 +80 66% RBY +1.0 53%	IMF +1.8 46% 7 DD13 5 5 FAT,EA ia BRF 5 GROWT 600 +107 65% IMF +2.3	OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 5 5 7 8 8 8 8 8 8 8 8 8 8 8	
² ur L D Sin	ABI \$122 chaser: ot 15 DB: 30/08/2 re: NAQC1	BON VU TC TOTAL 410 TC ERI 14 MERLEN TEHAM LAWSONS SC LAWSO Selection DOM \$114 \$114 2015 TE I ARDROSSAN ARDROSSAN ARI B/R NE G A R PREDES G A R PREDES G A R PREDES G A R S LAWSONS YI LAWSONS YI	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES Indexes GRN \$133 MIE MANIA MODE MODEST W3 DROSSAN WII SAN CASII FUTURE DIRI PRINCESS W DROSSAN PRI W DESIGN 036 STINED EXT 4206 WOOD YOU FIELD GRADE . DNS HENRY V	AT STATE AND A STA	F14 (AI) (AI) (AI) (AI) (AI) (FA (AI) (ET) (ET) (ET)	FERTIL SS I +2.1 - 69% 3 69% 3 69% 3 69% 3 69% 3 69% 3 FC 3 69% 3 General Fc 5 7 General 7 General 7 FERV's Acc FERTIL SS SS I +1.3 -	ITY DTC 0 .3.7 .33% Gen .33% Gen	CWT I +70	EMA +5.4 53% v Stru v Stru ktus: A. v Stru RC (AI) c GL, Cl cuary 2 CTH GL -6.2 85% EMA +5.4 54%	CARC RIB -2.3 52% MFU 5 5 5 5 6 6 6 7 8 WT 1.7 56% MFU MFU 1.7 56%	CASE P8 -1.8 54% NHFU Data RH 4 VT,400 ngus A 200 +48 67% CASE P8 -1.7 55% NHFU	RBY +1.3 49% CAFU RS \$ \$ WT,SS, WT,SS, Ustrall Q 400 +80 66% RBY +1.0 53%	IMF +1.8 46% 7 DD13 5 5 FAT,EA 5 5 FAT,EA 600 +107 65% IMF +2.3 53%	OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 5 5 7 8 8 8 8 8 8 8 8 8 8 8	HE N 3 3 1 0 0 0 1 1 1 6 1 1 6 1 1 6 1 1 1 1 1 1
² ur L D Sin	ABI \$122 chaser: ot 15 DB: 30/08/2 re: NAQC1	BON VU TC TOTAL 410 TC ERIC 14 MERLEN TEHAM LAWSONS SC LAWSONS SC Selection DOM \$1114 2015 TE 1 ARDROSSAN ARDROSSAN ARI B/R NE G A R PREDES G A R PREDES G A R PREDES G A R S LAWSONS YI LAWSONS YI LAWSONS YI	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES Indexes GRN \$133 MIE MANIA MODE MODEST W3 DROSSAN WII SAN CASIN FUTURE DIRI PRINCESS W DROSSAN PRI W DESIGN 036 STINED EXT 4206 WOOD YOU (IELD GRADE ELD GRADE	AT STATE AND A STA	F14 (AI) (AI) (AI) (AI) (AI) (FA (AI) (ET) (ET) (ET)	FERTIL SS I +2.1 - 69% 3 69% 3 69% 3 69% 3 69% 3 69% 3 FC 3 69% 3 General Fc 5 7 General 7 General 7 FERV's Acc FERTIL SS SS I +1.3 -	ITY DTC 0 .3.7 .33% Gen .33% Gen	CWT I $+70$ 53% etic Stat Raw $etic Stat$ Raw Raw 5 L77 60 ol, L77 $col, L77$ ol, L77 $col, L77$ served: $birs$ $H0.3$ 48% CWT I +64 59% etic Stat $etic Stat$	EMA +5.4 53% v Stru v Stru ktus: A. v Stru RC (AI) c GL, Cl cuary 2 CTH GL -6.2 85% EMA +5.4 54%	CARC RIB -2.3 52% MFU ctura 5 5 5 E,200V 2017 A BWT +5.5 65% CARC RIB -1.7 56%	CASE P8 -1.8 54% NHFU Data RH 4 VT,400 ngus A 200 +48 67% CASE P8 -1.7 55% NHFU	RBY +1.3 49% CAFU RS \$ \$ WT,SS, WT,SS, Ustrall Q 400 +80 66% RBY +1.0 53%	IMF +1.8 46% 7 DD13 5 5 FAT,EA 5 5 FAT,EA 600 +107 65% IMF +2.3 53%	OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 5 5 7 8 8 8 8 8 8 8 8 8 8 8	IOD HI 7 AN HE NI + 6 HE
² ur L D Sin	ABI \$122 chaser: ot 15 DB: 30/08/2 re: NAQC1	BON VU TC TOTAL 410 TC ERIC 14 MERLEN TEHAM LAWSONS SC LAWSONS SC Selection DOM \$1114 2015 TE 1 ARDROSSAN ARDROSSAN ARI B/R NE G A R PREDES G A R PREDES G A R PREDES G A R S LAWSONS YI LAWSONS YI LAWSONS YI	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES Indexes GRN \$133 MIE MANIA MODE MODEST W3 DROSSAN WII SAN CASII FUTURE DIRI PUTURE DIRI PUT	AT STATE AND A STA	F14 (AI) (AI) (AI) (AI) (AI) (FA (AI) (ET) (ET) (ET)	FERTIL SS I +2.1 - 69% 3 69% 3 69% 3 69% 3 69% 3 69% 3 FC 5 CASI 6 d: Omega Tra Angus EBV's Acc FERTIL SS I +1.3 - 59% 2	ITY DTC Q .3.7 .33% Gen	CWT I +70 53% = etic Sta Rav RA 5 	EMA +5.4 53% vtus: A. vStru (AI) cGL,CL cuary 2 cTH GL -6.2 85% EMA +5.4 54%	CARC RIB -2.3 52% MFU 5 5 5 5 6 6 6 7 8 WT 1.7 56% MFU MFU 1.7 56%	CASE P8 -1.8 54% NHFU Data RH 4 VT,400 ngus A 200 +48 67% CASE P8 -1.7 55% NHFU Data	RBY +1.3 49% CAFU RS \$ \$ WT,SS, WT,SS, WU 400 +80 66% RBY +1.0 53% CAFU	IMF +1.8 46% 7 DD13 5 5 FAT,EA ia BRF 5 FAT,EA ia BRF 600 +107 65% IMF +2.3 53% 7 DD27	OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 5 5 7 8 8 8 8 8 8 8 8 8 8 8	NI -(3)
² ur L D Sin	ABI \$122 chaser: ot 15 DB: 30/08/2 re: NAQCI	BON VI TC TOTAL 410 TC ERI 14 MERLEV TEHAM LAWSONS SC LAWSO Selection DOM \$114 2015 TE 1 ARDROSSAN ARDROSSAN ARDROSSAN B/R NE G A R PREDES G A R PREDES G A R PREDES G A R P 21 MERLEV G A R M LAWSONS YI LAWSONS YI	EW NEW DES CA EILEEN 20 WOOD NEV IA SCHWARZI HWARZENEG DNS NEW DES Indexes GRN \$133 MIE MANIA MODE MODEST W3 DROSSAN WIL SAN CASIN FUTURE DIRI PRINCESS W DROSSAN PRI W DESIGN 036 STINED EXT 4206 WOOD YOU (IELD GRADE ELD GRADE ELD GRADE ELD GRADE	AT AT AT AT AT AT AT AT AT AT	F14 (AI) (AI) (AI) (AI) (AI) (FA (AI) (ET) (ET) (ET)	FERTIL SS I +2.1 - 69% 3 69% 3 69% 3 69% 3 69% 3 69% 3 FC 3 69% 3 CASI 6 d: Omega Tra EBV's Acc FERTIL SS SS I +1.3 - 59% 2	ITY DTC Q .3.7 .33% Gen	CWT I $+70$ 53% etic Stat Raw $etic Stat$ Raw Raw 5 L77 60 ol, L77 $col, L77$ ol, L77 $col, L77$ served: $birs$ $H0.3$ 48% CWT I +64 59% etic Stat $etic Stat$	EMA +5.4 53% vtus: A. vStru RC (AI) cGL,CL cuary 2 CTH GL -6.2 85% EMA +5.4 54% vStru vStru vStru	CARC RIB -2.3 52% MFU 5 5 5 5 6 6 6 7 8 WT 1.7 56% MFU MFU 1.7 56%	CASE P8 -1.8 54% NHFU Data RH 4 VT,400 ngus A 200 +48 67% CASE P8 -1.7 55% NHFU	RBY +1.3 49% CAFU RS \$ \$ WT,SS, WT,SS, Ustrall Q 400 +80 66% RBY +1.0 53%	IMF +1.8 46% 7 DD13 5 5 FAT,EA ia BRF 5 FAT,EA ia BRF 600 +107 65% IMF +2.3 53% 7 DD27	OTI NFI-P -0.1 38% 2% 5 5 5 5 5 5 5 5 7 8 8 8 8 8 8 8 8 8 8 8	HEI NI -(3) -(3) -(3) -(1) -(3) -(1) -(1) -(1) -(3) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(1) -(-(1) -(-(-(-(-(-(-(-(-(-(-(-(-(

Purchaser:....

										AIR	FFF	RUA	KI B	REEL	9 AVI	ERAG	E EBV S							
Dù	Dtra	GL		200			MCW	Milk		DTC	CWT	EMA	RIB	PB	RBY	IMF	NTI-PNEI	F Dec	EA	FC	RA	RH	RS	ABI DOM GRN GRS
+0.	0 +0.1	3.7	+4.3	+42	+77	+100	+87	+15	+1.7	-3.8	+56	+4.6	+0.0	-0.2	+0.3	+1.6	+0.09+0.)	6 +6	-0	-0	-1	-0.2	-0,1	+106 +103 +110 +105

\$.....

MERLEWOOD MENTOR L78 (AI) (ET)

HBR

Milk

+13

60%

+0.3

47%

OTHER

NFI-P NFI-F

GROWTH

+110

68%

IMF

+1.6

57%

600 MCW

+94

64%

+0.1

46%

5

\$.....

Lot 16 DOB: 29/08/2015 Freeze Brand: Omega Symbol, L78 G A R PRECISION 1680 Traits Observed: 200WT(x2),400WT,SS,FAT,EMA,IMF G A R RETAIL PRODUCT G A R EXT 4927 Mid-February 2017 Angus Australia BREEDPLAN 1 Sire: USA15832714 CONNEALY MENTOR 7374 BIRTH Angus JAUER 353 TRAVELER 589 27 Dir Dtrs GL EXECUTA OF CONANGA 939 EBV's -1.8 +0.5 -1.8 EXEC OF CONANGA 6940 54%48% 62% Acc B/R NEW DESIGN 036 FERTILITY B/R NEW DIMENSION 7127 SS DTC CWT EMA B/R RUBY OF TIFFANY 4117 +3.1 -4.3 +65+8.7Dam: VTMB155 TE MANIA JEDDA B155 (AI) (ET) 71% 42% 61% 61% C A FUTURE DIRECTION 5321 TE MANIA JEDDA W85 (AI) (ET) Genetic Status: AMFU NHFU CAFU DDFU TE MANIA JEDDA S241 (AI) (ET) **Selection Indexes Raw Structural Data** ABI DOM GRN GRS FC 🌱 100 100 FA RA \$119 \$111 6 6 5 \$124 \$116 Purchaser: Lot 17 MERLEWOC DOB: 30/06/2015 Freeze BOOROOMOOKA UNDERTAKEN UI **BOOROOMOOKA UNDERTAKEN Y145** BOOROOMOOKA UAAISE U101 (AI) Sire: NORE11 RENNYLEA EDMUND E11 (AI) (ET YTHANBRAE HENRY VIII U8 (AI) (E' LAWSONS HENRY VIII Y5 (AI) YTHANBRAE DIRECTION T270 (AI) SITZ NEW DESIGN 458N MERLEWOOD SITZ 458 NEW DESIGN F4 (ET THE GRANGE YR BLACKBIRD C66 (AI) Dam: HODJ60 MERLEWOOD YORKSHIRE J60 72% 44% 61% 60% G A R PREDESTINED MERLEWOOD YORKSHIRE E21 (AI) LAWSONS YIELD GRADE A555 (AI) A \$

וענ	EDN	IUN	D L	. (AI)					HODL1
Bran	d: Ome	ega Syr	nbol, L	1						HBR
170(AI)	1	Fraits C	bserve	d: CE,2	200WT(:	x2),400	WT,SS,	FAT,El	MA,IMI	7
	-	1	Mid-Fe	bruary	2017 A	ngus A	ustral	ia BRE	EDPL.	AN
Г)		7	B	IRTH			G	ROWI	н	
ET)	Angus	Di	Dtrs	GL	BWT	200	400	600	MCW	Milk
	EBV'	s +3.	1 +1.7	-5.4	+2.6	+40	+71	+91	+73	+15
	Acc	549	6 51%	58%	62%	67%	69%	67%	65%	57%
	FERT	ILITY			CAR	CASE			OTI	IER
[)	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F
(ET)	+2.1	-6.3	+57	+7.8	+0.6	-0.6	+0.6	+3.2	+0.4	+0.6

60%

BWT

+4.9

67%

RIB

-0.4

61%

M

5

RC

CARCASE

200

+46

69%

P8

-0.7

61%

RH

5

400

+81

69%

RBY

+1.7

57%

RS

5

Genetic Status: AMFU NHFU CAFU DD38%

61%

Mid-February 2017 Angus Australia BREEDPLAN

200

+51

62%

P8

-0.9

55%

400

+90

64%

RBY

+1.0

49%

57%

56%

GROWTH

600

+118

60%

IMF

+2.2

47%

\$.....

MCW

+104

56%

+0.1

40%

50%

	E									
	Selection	n Indexes				Raw	Structur	al Data		
ABI	DOM	GRN	GRS	FA 🖉	FC	RA S	RC	RH	RS	pt
\$127	\$116	\$144	\$117	5	6	5	6	5	5	5
ser:				 					\$	

Purchaser:....

MERLEWOOD HEIRLOOM L90 (APR) Freeze Brand: Omega Symbol, L90 (F)

Angus

EBV's

Acc

SS

+1.9

68%

FERTILITY

Dir

+0.0

41%

DTC

-4.4

36%

Lot 18 DOB: 2/09/2015

> RENNYLEA C277 (AI) (ET) IRELAN

Traits Observed: 200WT(x2),400WT,SS,FAT,EMA,IMF

BWT

+5.6

56%

RIB

-1.0

52%

CARCASE

BIRTH

GL

-3.0

52%

EMA

+5.8

53%

Dtrs

+1.2

37%

CWT

+67

54%

NDS FLETCHER F1	
TE MANIA WARGOONA Z31 (AI)	

Sire: VICH343 IRELANDS HEIRLOOM H343 (AI) (ET) G A R GRID MAKER

IRELANDS ROSEBUD B12 (AI) (ET) IMRAN ROSEBUD U17 (AI) (ET)

B/R NEW DESIGN 036 G A R PREDESTINED

G A R EXT 4206

Dam: HODG4 MERLEWOOD FAIR DINKUM (APR) (AI) LAWSONS GAR FAIR DINKUM Z197 (AI) (ET)

LAWSONS FAIR DINKUM B1173 (APR) (AI)

LAWSONS YIELD GRADE Z1086 (APR) (AI)

	Selection	Indexes	
ABI	DOM	GRN	GRS
\$126	\$117	\$138	\$121

Purchaser:....

Genetic Status: AMFU NHFU CAFU DD28%

	LAWSC	NS TIELD ON	ADE 21080 (AF	K) (AI)						
	Selection	n Indexes				Raw	Structur	al Data		
I	DOM	GRN	GRS	FA S	FC M	RA 🄊	RC 😽	RH	RS	P
6	\$117	\$138	\$121	5	5	5	5	5	5	5

			Miki	FEB	RUAI	RY B	REEI	D AV	ERAC	E EB	W'S	-							
	MCW	Milk	DTC	CWT	EMA	RIB	PR	RBY	IMF	NTI-P	NFI-F	Dog	FA	FC	RA	RH	RS	ABU	x
 	1444		 4.4	1.2	0.444		12.2	1.4.4		10.00				1.00	1.1				

+100+87+15+1.7-3.8+56+4.6+0.0-9.2+0.3+1.6+0.09+0.16+6=0=0=-1=-0.2=0.1+106+103+110+105+0.09+0.16+0=0=-0+0.0 +0.1 -3.7

52%

APR

Milk

+15

46%

-0.0

40%

OTHER

NFI-P NFI-F









































S.

A







MERLEWOOD BENNETT TOTAL L25 (APR)

Freeze Brand: Omega Symbol, L25

APR

Traits Observed: 200WT(x2),400WT,SS,FAT,EMA,IMF

K C F BENNETT TOTAL		Traits	Observ	ed: 200	WI(x2)),400W	T,SS,F	AT,EM	A,IMF		
EXT OF CONANGA 6790	-		Mid-Fe	bruary	2017 A	ngus A	ustrali	ia BRE	EDPL	AN	
Sire: HODJ2 MERLEWOOD BENNETT TOTAL J2(AI)		7	Bl	RTH			G	ROWI	Н		
ALPINE RIGHTTIME D126 (AI) (ET)	Angus	Dir	Dtrs	GL	BWT	200	400	600	MCW	Milk	
MERLEWOOD BEEAC G27	EBV'	s +1.4	4 +0.9	-4.4	+3.1	+38	+72	+90	+64	+15	
TE MANIA BEEAC A29 (AI)	Acc	32%	6 29%	45%	46%	57%	59%	55%	48%	38%	
SITZ NEW DESIGN 458N	FERT	FERTILITY			CARC	CASE			ОТІ	IER	
MERLEWOOD SITZ 458 NEW DESIGN F4 (ET)	SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F	
THE GRANGE YR BLACKBIRD C66 (AI) (ET)	+1.2	-0.1	+58	+3.8	+0.2	-0.5	-0.1	+1.9	-0.0	+0.1	
Dam: HODJ99 MERLEWOOD J99 (APR)	67% 30%		48%	46%	45%	48%	42%	38%	32%	33%	

	Selection	Indexes				Raw	Structura	l Data		
ABI	DOM	GRN	GRS	FA S	FC	RA S	RC	RH	RS	po
\$84	\$95	\$79	\$90	5	7	5	5	5	5	5

Purchaser: \$.....

Lot 20	Μ
DOB: 11/07/2015	

ERLEWOOD COMPLEMENT L16 (AI) Freeze Brand: Omega Symbol, L16

HBR

HBR

Milk

+13

44%

NFI-F

-0.1

37%

C A FUTURE DIRECTION 5321 **BASIN FRANCHISE P142** BASIN CHLOE 812L Sire: USA16198796 EF COMPLEMENT 8088 BR MIDLAND

EF EVERELDA ENTENSE 6117 EVERELDA ENTENSE 869

SUMMITCREST COMPLETE 1P55

SITZ ALLIANCE 6595

KM BROKEN BOW 002

SUMMITCREST PRINCESS 0P12

Dam: HODJ57 MERLEWOOD RITA J57 (AI) (ET) TE MANIA INFINITY 04 379 AB

> MERLEWOOD RITA F9 (ET) THE GRANGE RITA 2811 B238 (AI) (ET)

Traits Observed: CE,200WT(x2),400WT,SS,FAT,EMA,IMF

		Ι	/lid-	Feb	ruary	2017 A	ngus A	Australi	a BRE	EDPL	AN	
				BIF	RTH			G	ROWT	Ή		
Angu	Dir Dtr		Otrs	GL	BWT	200	400	600	MCW	Milk		
EBV'	s	+2.7	+2.7 +2.		-5.2	+1.8	+46	+83	+101	+64	+19	
Acc		51%	51% 449		4% 58% 0		67%	68%	66%	61%	51%	
FERT	FERTILITY					CARC	CASE			ОТІ	IER	
SS	E	DTC	CW	T]]	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F	
+1.0	-	4.5	+60		+7.0	+0.2	+0.9	+0.3	+1.7	+0.1	+0.1	
72%	3	3%	% 57%		58%	57%	58%	53%	53%	40%	41%	
1 - 10	1 2	5.0	011	~								

Genetic Status: AMFU NHFU CAFU DDFU

Mid-February 2017 Angus Australia BREEDPLAN

200

+44

60%

P8

-0.3

52%

400

+82

62%

RBY

+0.5

47%

GROWTH

600

+104

58%

IMF

+1.3

44%

\$

MCW

+96

52%

NFI-P

+0.1

37%

OTHER

		THE OF	CHIOL KITA 2	011 D250 (711) (1	L I)							
		Selection	n Indexes					Raw	Structura	al Data		
	ABI	DOM	GRN	GRS		FA S	FC	RA 🇳	RC	RH	RS	ps
	\$117	\$117	\$113	\$118		5	6	5	5	5	5	4
-												

Angus

EBV's

Acc

SS

+2.4

67%

FERTILITY

Dir

+1.3

38%

DTC

-3.6

34%

Purchaser:....

MERLEWOOD HEIRLOOM L70

DOB: 7/09/2015

Purchaser:....

Lot 21

RENNYLEA C277 (AI) (ET) **IRELANDS FLETCHER F1**

Freeze Brand: Omega Symbol, L70 Traits Observed: 200WT(x2),400WT,SS,FAT,EMA,IMF

BIRTH

GL

-3.8

49%

EMA

+3.7

51%

Dtrs

+0.9

33%

CWT

+49

51%

TE MANIA WARGOONA Z31 (AI)

Sire: VICH343 IRELANDS HEIRLOOM H343 (AI) (ET) G A R GRID MAKER IRELANDS ROSEBUD B12 (AI) (ET)

IMRAN ROSEBUD U17 (AI) (ET) PINEBANK WAIG 31/95

PINEBANK WAIGROUP 41/97 PINEBANK 639/88

Dam: CMOB36 MOOD WOOD GREETING B36 (AI)

MOOD WOOD NEW DESIGN - W4 (AI)

MOOD WOOD GREETING Z30

MOOD WOOD GREETING V13

Selection Indexes												
ABI	DOM	GRN	GRS									
\$102	\$105	\$101	\$103									

Genetic	Status:	AMFU	NHFU	CAFU	DD6%	
_	a .					

BWT

+5.0

56%

RIB

-0.5

50%

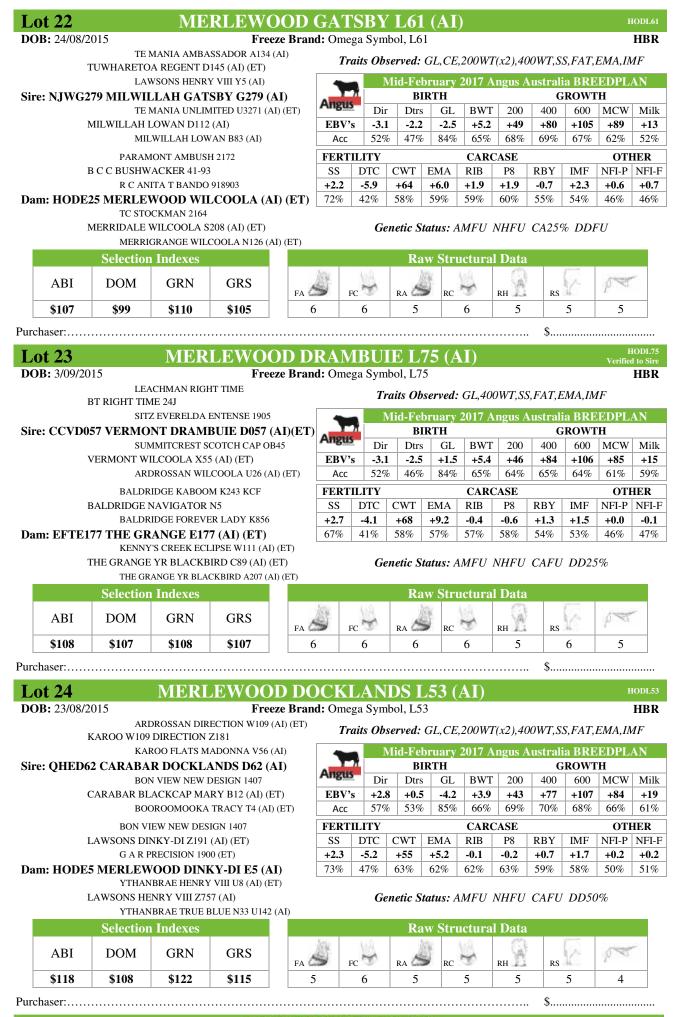
CARCASE

			Kaw S	Structura	l Data		
	FA	FC	RA	RC	RH	RS	per
	5	5	5	5	5	5	5

MRI FEBRUARY BREED AVERAGE EBV'S																												
Dir	Dira	GL		200			MCW	Milk		DTC	CWI	EMA	RIB	PB	RBY	IMF	NTI-P	NFI-F	Dee	FA	FC	RA	RH	RS	ADI D	OM.	GRN	GRS
+0.0	+0.1	3.7	+4.3	+42	+77	+100	+87	+15	+1.7	-3.8	+56	+4.6	+0.0	-0.2	+0.3	+1.6	+0.09	+0.16	+6.	-0	-0	-1	-0.2	-0,1	+106 +	103	+110	+105

Lot 19

DOB: 5/08/2015



MRI-FEBRUARY BREED AVERAGE EBV'S

Dir Dirs	GL B	W 200		600 MCW	Milk		DTC	CWTI	EMA.	RIB	PB	RBY	IMF	NTI-PNTI	F Dec	EA.	FC	RA	RH	RS	ADI	DOM	GRN	GRS
+0.0 +0.1	3.7 +	4.3 +42	+77	+100 +87	+15	+1.7	-3.8	+56	+4.6	+0.0	-0.2	+0.3	+1.6	+0.09+0.	16 +6	-0	-0	-1	-0.2	-0.1	+106	+103	+110	+105

Lot 25 **MERLEWOOD INVINCIBLE L44 (AI)** DOB: 21/08/2015 Freeze Brand: Omega Symbol, L44 S S TRAVELER 6807 T510 Traits Observed: GL, CE, 200WT(x2), 400WT, SS, FAT, EMA, IMF G A R SOLUTION (ET)

OTES

O MIR BOLD HOIT (LI)
G A R NEW DESIGN 50

Sire: VLYC402 LAWSONS INVINCIBLE C402 (AI) G A R PREDEST

LAWSONS PREDESTINEI

LAWSONS FUTURE DIRECTION X1114 (AI)

FORRES HIGHMARK D77 (AI) (ET)

FORRES SCOTCHCAP Y283 (AI)

FORRES MILDRED B33

Selection Indexes

DOM

\$107

ST PAULS MILDRED Y221 (AI) (ET)

FINED	1 millions	Dir	
D A598 (AI)	EBV's	+1.6	

GRS

\$107

GARDENS HIGHMARK

YTHANBRAE NEW DESIGN 036 V56 (AI) (ET)

Dam: NFJF156 FORRES MILDRED F156

GRN

\$124

-2.2 -5.2 +3.6 +41 +75 +97

GL

BIRTH

Dtrs

Acc	549	% 51%	6 84%	66%	68%	69%	67%	64%	59%
FERT	ILITY			CAR	CASE		OTI	OTHER	
SS	SS DTC CV		EMA	RIB	IMF	NFI-P	NFI-F		
+1.6	-4.0	+56	+4.6	-0.8	+0.1	+0.1	+2.9	+0.3	+0.4
72%	48%	62%	60%	60%	61%	57%	56%	50%	50%

BWT

Mid-February 2017 Angus Australia BREEDPLAN

200

400

GROWTH

600 MCW Milk

+76

Genetic Status: AMFU NHFU CAFU DDFU

		Raw	Structura	al Data		
FA	FC	RA S	RC	RH	RS	pe
5	6	5	5	5	5	4

Purchaser:.... \$.....

Lot	26
DOB:	20/08/2015

ABI

\$113

MERLEWOOD REALITY L39 (AI)

HBR

Freeze Brand: Omega Symbol, L39 SCHURR 77 1346 EXCEL

SCHURRTOP REALITY X723 SCHURRTOP 8019 V141

MATAURI 04456 AB HYLINE RIGHT TIME 338 (ET) ALPINE RIGHTTIME D126 (AI) (ET)

TE MANIA ULONG U41 (AI) (ET)

YTHANBRAE NEW DESIGN 036 V803 (AI) (ET)

TE MANIA BEEAC Y673 (ACR) (AI) (ET)

Sire: NZE14647008839 MATAURI REALITY 839

MATAURI 06663

Dam: HODG27 MERLEWOOD BEEAC G27

TE MANIA BEEAC A29 (AI)

Traits Observed: GL, CE, 200WT(x2), 400WT, SS, FAT, EMA, IMF

-		Mid-February 2017 Angus Australia BREEDPLAN												
	X.		B	IRTH			GROWTH							
Angus	-	Dir	Dtr	GL GL	BWT	200	400	600	MCW	Milk				
EBV'	s	+4.7	7 +3.8	3 -7.4	+2.6	+40	+77	+95	+73	+16				
Acc		54% 519		6 84%	64%	68%	69%	67%	64%	57%				
FERT	ILI	ΤY			CARC	CASE			OTI	IER				
SS	D	TC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F				
+2.9		4.5	+49	+4.8	+1.4	+1.2	-0.4	+2.7	+0.1	+0.2				
73%	3	8%	60%	59%	59%	60%	55%	54%	45%	46%				

Genetic Status: AMFU NHFU CAFU DD18%

Traits Observed: 200WT,400WT,SS,FAT,EMA,IMF

BWT

+6.1

62%

RIB

-0.2

53%

CARCASE

RH

5

Mid-February 2017 Angus Australia BREEDPLAN

200

+49

62%

P8

-0.4

53%

400

+83

62%

RBY

-0.4

50%

RS

5

Raw Structural Data

1 RC

5

	Selection	Indexes				
ABI	DOM	GRN	GRS		FA	F
\$116	\$113	\$124	\$113	1	5	

TE MANIA ULONG U41 (AI) (ET)

FC 🤝 RA 🦾 5 6

Purchaser:....

Lot 27

MERLEWOOD GATSBY L80 (AI)

Angus

EBV's

Acc

SS

+2.5

60%

FERTILITY

Dir

-2.0

54%

DTC

-4.6

42%

HBR

Milk

+14

52%

+0.5

44%

OTHER

NFI-P NFI-F

5

\$.....

GROWTH

600

+113

63%

IMF

+2.9

52%

\$.....

MCW

+99

58%

+0.5

44%

DOB: 30/08/2015 Freeze Brand: Omega Symbol, L80 (F) TE MANIA AMBASSADOR A134 (AI) TUWHARETOA REGENT D145 (AI) (ET)

LAWSONS HENRY VIII Y5 (AI) Sire: NJWG279 MILWILLAH GATSBY G279 (AI)

TE MANIA UNLIMITED U3271 (AI) (ET) MILWILLAH LOWAN D112 (AI)

MILWILLAH LOWAN B83 (AI)

B/R NEW DESIGN 036 B/R NEW FRONTIER 095

WHITE FENCE PRIDE H1

Dam: HODF41 MERLEWOOD WILCOOLA (AI) (ET) ARDROSSAN SCOTCH CAP V026 (AI)

ALPINE WILCOOLA Z11

ARDROSSAN WILCOOLA Q6

	Selection	Indexes	
ABI	DOM	GRN	GRS
\$113	\$101	\$126	\$106

			Raw S	Structura	l Data		
RS	FA S	FC	RA S	RC	RH	RS	per
106	5	6	5	5	6	6	5

BIRTH

GL

-1.2

62%

EMA

+4.6

53%

Dtrs

-2.1

49%

CWT

+67

54%

Purchaser:.....

Dir	Dtra	GL		200			MCW	Milk		DTC	CWT	EMA	RIB	Pß	RBY	IMF	NTI-P		Dec	FA	FC	RA	RH	RS	ABI DOM GRN GRS
+0.0	+0.1	-3.7	+4.3	+42	+77	+100	+87	+15	+1.7	-3.8	+56	+4.6	+0.0	-0.2	+0.3	+1.6	+0.09	+0.16	+6.	-0	-0	-1	-0.2	-0,1	+106 +103 +110 +105

+14

	REI IRELANDS FL TE 343 IRELAN G A IRELANDS RC IMF S A F S MERLEWOOD LAWSC H71 MERLE G A R H MERLEWOOD	MANIA WARC DS HEIRLO R GRID MAK DSEBUD B12 RAN ROSEBUT TRATEGY 901 D SAF STRAT INS GAR NEW I WOOD YT	(AI) (ET) GOONA Z31 (A DOM H343 ER (AI) (ET) D U17 (AI) (ET) 5 EGY F34 (AI)	(AI) (ET		Traits	Observe Mid-Feb BI	e d: 200	()	·	ustrali	·	EDPL	APF AN
Dam: HOD ABI \$116	IRELANDS FL TE 343 IRELAN G A IRELANDS RC IME S A F S MERLEWOOD LAWSO H71 MERLE G A R H MERLEWOOD	ETCHER F1 MANIA WARC DS HEIRLO A R GRID MAK DSEBUD B12 RAN ROSEBUT TRATEGY 901 D SAF STRAT INS GAR NEW I WOOD YT	GOONA Z31 (A DOM H343 ER (AI) (ET) D U17 (AI) (ET 5 EGY F34 (AI)	(AI) (ET	Angus		Mid-Feb BI	oruary	()	·	ustrali	a BRE	EDPL	AN
Dam: HOD ABI \$116	343 IRELAN G A IRELANDS RC IMF S A F S MERLEWOOD LAWSC H71 MERLE G A R H MERLEWOOD	DS HEIRLO A R GRID MAK DSEBUD B12 RAN ROSEBUI TRATEGY 901 D SAF STRAT INS GAR NEW I WOOD YT	DOM H343 ER (AI) (ET) D U17 (AI) (ET 5 EGY F34 (AI)	(AI) (ET	Angus	<i>.</i>	BI		2017 A	ngus A				AN
Dam: HOD ABI \$116	G A IRELANDS RC IMF S A F S MERLEWOOI LAWSO H71 MERLE G A R H MERLEWOOI	R GRID MAK DSEBUD B12 RAN ROSEBUI TRATEGY 901 D SAF STRAT DNS GAR NEW I WOOD YT	ER (AI) (ET) D U17 (AI) (ET) 5 EGY F34 (AI)		Angus	Dir		RTH			0	DOW	TT	
ABI \$116	IRELANDS RC IMF S A F S MERLEWOOD LAWSO H71 MERLE G A R F MERLEWOOD	DSEBUD B12 RAN ROSEBUI TRATEGY 901 D SAF STRAT DNS GAR NEW I WOOD YT	(AI) (ET) D U17 (AI) (ET) 5 EGY F34 (AI))		D11		CI	DIVE	200	1			201
ABI \$116	IMF S A F S MERLEWOOI LAWSO H71 MERLE G A R F MERLEWOOI	RAN ROSEBUI TRATEGY 901 D SAF STRATI DNS GAR NEW I WOOD YT	5 EGY F34 (AI))		+1.		GL -4.5	BWT +4.0	200 +46	400 +81	600 +104	MCW +88	Mil
ABI \$116	MERLEWOOI LAWSO H 71 MERLE G A R F MERLEWOOI	D SAF STRAT DNS GAR NEW I WOOD YT	EGY F34 (AI)		Acc	34%			53%	61%	62%	59%	55%	429
ABI \$116	LAWSO H71 MERLE G A R H MERLEWOOD	NS GAR NEW I	()		FERTI	LITY			CARC	ASE			ΟΤΙ	HER
ABI \$116	H71 MERLE G A R F MERLEWOOD	WOOD YT			SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	1
ABI \$116	G A R I MERLEWOOI				/	-5.0	+60	+4.8	-0.3	-0.2	+0.6	+1.8	+0.1	+0.
\$116	MERLEWOOI	PREDESTINED		(APR)	67%	30%	51%	50%	49%	51%	45%	42%	35%	359
\$116	LAWCO) (AI)		Ge	netic Sta	utus: Al	MFU N	H25%	CAFL	DD2	0%	
\$116	LAWSC	ONS FAIR DIN	KUM B1173 (A	APR) (AI)										
\$116	Selectior	n Indexes	1				Ra	w Stru	ctural	Data				
	DOM	GRN	GRS		100	12	4	¥.	2	A		12	500	2
				FA			RA 📖	RC	30°	RH	RS		-	_
urchaser:	\$112	\$120	\$114		5	6	5		5	5		5	5	
								•••••			\$			
Lot 29		MER	LEWO	OD D	RAM	BU	IE L	50 (A	I)				I	IODL:
DOB: 23/08	3/2015			eeze Brai										HB
	LEA	ACHMAN RIGI			-	•	served:		200WT	$(r^2) 40$	OWT S	S FAT	FMA IN	MF
	BT RIGHT TIN		ENTENDE 100	-	174	_								
Sire: CCVI	511 0057 VERMO	Z EVERELDA					Mid-Feb BI	ruary . RTH	2017 A	ngus A		a BRE ROWI		AN
		MMITCREST S		~ ~ ~	Angus	Dir		GL	BWT	200	400	600	MCW	Mi
	VERMONT W	ILCOOLA X5	5 (AI) (ET)		EBV's	+2.	7 +1.5	-3.6	+4.3	+46	+79	+105	+88	+1
	AR	DROSSAN WII	LCOOLA U26 (AI) (ET)	Acc	57%	% 52%	84%	65%	68%	70%	68%	65%	60
		IEW NEW DES			FERTI		OWT		CARC		DDV	DIE		HER
	LAWSONS DI G A R I	NKY-DIZ191 PRECISION 190	. , . ,		SS +2.6	DTC -5.3	CWT +60	EMA +6.3	RIB -0.3	P8 +0.1	RBY +0.8	IMF +1.9	NFI-P +0.1	+0.
Dam: HOD	G35 MERLE			(AI) (ET		48%	62%	62%	62%	63%	60%	58%	52%	539
		IEW BANDO 5												
	TE MANIA LO)WAN R133 (4 NIA LOWAN N				Gei	netic Sta	tus: Al	MFU N	HFU	CA25%	b DD2.	5%	
		n Indexes	(72				Ra	w Stru	ctural	Data				
ADI			ana		http:	452	16		sá.	C)		5	1.000	~
ABI	DOM	GRN	GRS	FA	S FO	c M	RA 🛆	RC	3	RH	RS	V.	6 2	
\$121	\$113	\$127	\$118		5	6	5		5	5		5	5	
urchaser											\$			
		ЛЛТ						T = 2			÷			
Lot 30	10015	MIE												HODL
DOB: 26/08		NNYLEA C277		eeze Brai	-									HB
	IRELANDS FL		(/11)(L1)		Т	raits O	Observed	: CE,20	DOWT(x)	2),400	WT,SS,	FAT,El	MA,IMI	7
		MANIA WARC			-	1	Mid-Feb	ř	2017 A	ngus A				AN
Sire: VICH	343 IRELAN			(AI) (ET	Angus			RTH	BWT	200	-	ROWI	TH MCW	M
	G A IRELANDS RO	R GRID MAK			EBV's			GL -5.2	+4.8	200 +48	400 +86	600 +118		Mi +1
		RAN ROSEBUI)	Acc	43%		51%	59%	63%	65%	63%	58%	499
	GARI	PRECISION 168	30		FERTI	LITY			CARC	ASE			ΟΤΙ	HER
	G A R YIELD				SS	DTC		EMA	RIB	P8	RBY	IMF	NFI-P	
Dome VI V.		EXT 4526			+ 1.1	-4.0 37%	+ 71 55%	+5.2 56%	-2.3 56%	-2.2 57%	+1.4 52%	+1.3 49%	-0.1 42%	-0.
Jam: VLYA	A351 LAWSO BON V	NS GAK Y H IEW NEW DES		E (AI)(EI	/0%	51%	33%	30%	30%	31%	32%	49%	42%	41
	G A R 1407 NE					Ge	enetic St	atus: A	MFU 1	VHFU	CAFU	DD50)%	
		PRECISION 859	9 (ET)											
	Selection	n Indexes					Ra	w Stru	ctural	Data				
ABI	DOM	GRN	GRS		18×	13	1		3	1		12	50	
				FA		c M	RA 🎑	RC	D'	RH	RS		-	
\$118	\$111	\$124	\$115		5	6	5		5	5		5	5	

 Dir
 Dir
 GI
 BW
 200
 600
 MCW Milk
 SS
 DTC
 CWT EMA
 RIB
 PR
 RBY
 IMF
 NTI-PNFLF
 Des
 FA
 FC
 RA
 RII
 RS
 AEI
 DOM GRN
 GRS

 +0.0
 +0.1
 -3.7
 +4.3
 +42
 +77
 +100
 +87
 +15
 +1.7
 -3.8
 +56
 +4.6
 +0.0
 -9.2
 +0.3
 +1.6
 +0.09+0.16
 +6
 -0
 -0
 -1
 -0.2
 -0.1
 +106
 +103
 +110
 +105

MERLEWOOD DRAMBUIE L58 (AI) Freeze Brand: Omega Symbol, L58

Lot 31 DOB: 24/08/2015 HBR LEACHMAN RIGHT TIME Traits Observed: GL, CE, 200WT(x2), 400WT, SS, FAT, EMA, IMF BT RIGHT TIME 24J Sale Lots SITZ EVERELDA ENTENSE 1905 Mid-February 2017 Angus Australia BREEDPLAN Sire: CCVD057 VERMONT DRAMBUIE D057 (AI)(ET) BIRTH GROWTH Angus SUMMITCREST SCOTCH CAP OB45 Dir Dtrs GL BWT 200 400 600 MCW Milk EBV's +4.4 +96 VERMONT WILCOOLA X55 (AI) (ET) -0.5 +1.7 -4.7 +45+78+103 +14 54% 49% 85% 68% 70% 60% ARDROSSAN WILCOOLA U26 (AI) (ET) Acc 65% 68% 65% BON VIEW NEW DESIGN 208 FERTILITY OTHER CARCASE TE MANIA NEW DESIGN Z496 (AI) SS DTC CWT EMA RIB P8 RBY IMF NFI-P NFI-F TE MANIA LOWAN X540 (AI) (ET) +3.1-5.5 +57+5.9 +0.0+0.6+0.5+2.1+0.0-0.2 Dam: HODE3 MERLEWOOD BEEAC E3 (AI) 73% 44% 62% 61% 61% 62%58% 57% 50% 50%B/R DESTINATION 727-928 TE MANIA BEEAC A239 (AI) (ET) Genetic Status: AMFU NHFU CAFU DDFU TE MANIA BEEAC U340 (AI) (ET) **Selection Indexes Raw Structural Data** ABI DOM GRN GRS FC 🤝 3 FA 🙆 RA 🦾 RC RH RS \$115 \$108 \$122 \$111 5 5 6 5 5 5 4 Purchaser: \$..... Lot 32 MERLEWOOD EMPEROR L144 DOB: 3/10/2015 Freeze Brand: Omega Symbol, L144 HBR TE MANIA BERKLEY B1 (AI) Traits Observed: 200WT(x2),400WT,SS,FAT,EMA,IMF TE MANIA EMPEROR E343 (AI) TE MANIA LOWAN Z74 (AI) (ET) Mid-February 2017 Angus Australia BREEDPLAN Sire: HODH43 MERLEWOOD EMPEROR H43 (AI) BIRTH GROWTH Angus MYTTY IN FOCUS Dir Dtrs GI BWT 200 400 600 MCW Milk THE GRANGE BLACKBIRD B149 (AI) (ET) EBV's +3.3 +3.9 -3.7 +46 +3.8+77+103+89 +13H C C ROCKN BLACKBIRD 133 (ET) Acc 42% 40%55%54% 63% 64% 62% 57% 48% B/R NEW DESIGN 036 FERTILITY CARCASE OTHER **B/R NEW FRONTIER 095** SS DTC CWT EMA RIB P8 RBY IMF NFI-P NFI-F WHITE FENCE PRIDE H1 +2.3+2.6-6.8 +56+4.0-1.4 -2.4 +1.0+0.1+0.168% 40% 55% 52% 52% 54% 49% 47% 42% 43% Dam: HODG39 MERLEWOOD FAIR DINKUM G39 (AI) TE MANIA YORKSHIRE Y437 (AI) MERLEWOOD YORKSHIRE E22 (AI) Genetic Status: AMFU NHFU CAFU DD16% LAWSONS FAIR DINKUM B1163 (AI) **Selection Indexes Raw Structural Data** ABI DOM GRN GRS FC 🤝 FA 🦾 RA 🦾 00 RC RH RS \$125 \$115 \$139 \$117 4 5 6 5 6 4 5 Purchaser:.... \$..... MIG-FEBRUARY BREED AVERAGE EBV'S +0.0 + 0.1 - 3.7 + 4.3 + 42 + 77 + 100 + 87 + 15 + 1.7 - 3.8 + 56 + 4.6 + 0.0 - 0.2 + 0.3 + 1.6 + 0.09 + 0.16 + 6 - 0 - 0 - 1 - 0.2 - 0.1 + 106 + 103 + 110 + 105 + 106 + 100 + 106 + 100 + 106 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 10**Born to breed**

For your next star sire, make Merlewood Angus your ultimate choice

Bio-Boost NPK Føliar Spray

Systemic, Economical Nitrogen, Phosphorous, Potassium & Trace Elements

Bio-Boost NPK Foliage Spray is high energy for crops/pasture with premium levels of Phosphorous, Nitrogen, Potassium and trace elements that are essential for good pasture/crop energy and nutrition.

Within seconds of application Bio-Boost NPK Foliage Spray starts to work systemically helping to correct deficiencies and improving pasture health. It reduces the need for supplements and helps with weight gain and productivity. Because it travels systemically down into the roots it compensates soil 'lockup' and deficiencies in crops and also helps with faster pasture recovery.

Application: apply anytime to a growing plant

5ltrs of fertiliser to 100ltrs of water Spray for maximum foliage surface coverage.Works best in conjunction with Bio-Boost Cal/Mag

% Nitrogen Total	22.5
%Phosphate TOTAL	5.85
%POTASSIUM TOTAL	9.01
%MAGNESIUM	1.13
%IRON	0.05
% CALCIUM	0.02
%Boron	0.05
%Manganese	0.02
%Zinc	0.37
%Sulphur	2.00
%Copper	0.018
%Molybdenum	0.00838
%Silica	0.05

200ltrs or 1000lts.

dry mass weight analysis



For more information visit www.gfssolutions.com.au ph 5153 0277



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.

ARRIVAL

PURCHASE

DELIVERY Managing older Herd Bull

AFTER PURCHASE TIPS DURING MATING MATING NEW YOUNG BULLS Northern Australia



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 straightbred 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

#ANGUSPREMIUM **#ANGUS**BULLS

FOR FURTHER INFORMATION VISIT www.angusaustralia.com.au

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WWW.ANGUSAUSTRALIA.COM.AU

Johne's Beef Assurance Score

The Johne's Beef Assurance Score (J-BAS) is a risk profiling tool developed for use in the new approach to JD in cattle. It is meant to be used as a guide and producers should ask further questions about JD in the herd and on the property, rather than rely on the score alone.

		Johne's Bee	f Assurance Score (J-BAS) [numbers equate to Dairy S	core]
	Biosecu for m	Testir veterina for	Two successive negative Sample tests 2 years apart, and ongoing triennial Check Test	8 High assurance
On-farm bi	Biosecurity plan implemented for minimum of 5 years	Testing, plus terinary advisor for plan	One negative Sample test a minimum of 5 years after the last confirmed clinical case and ongoing triennial Check Test	7 Assurance
osecurity pla	plemented 5 years	Minimur	n 5 years since last clinical case of Johne's disease confirmed on property	6 Managed disease risk
On-farm biosecurity plan implemented*	implem	ented and sin property, plu	fected, minimum of 2 years of biosecurity plan nce last clinical case of Johne's disease confirmed on s all high-risk animals identified and removed vious infection, biosecurity plan in place	4 Progressing
			2	
		First steps		
		0 Unmanaged risk		

*The National Farm Biosecurity Reference Manual - Grazing Livestock Production provides a template to use for the property biosecurity plan. All plans should include the JD in Cattle Biosecurity Plan Checklist.

JD in other species that are susceptible should also be included in deciding the score.

A clinical case is an infected animal with chronic diarrhoea and weight-loss that does not respond to treatment.



IMPORTANT NOTICES FOR PURCHASERS

~ SALE CATALOGUE DISCLAIMER ~

All reasonable care has been taken by the vendor to ensure that the information provided in this catalogue is correct at the time of publication. However, neither the vendor nor the selling agents make any other representations about the accuracy, reliability or completeness of any information provided in this catalogue and do not assume any responsibility for the use or interpretation of the information included in this catalogue. You are encouraged to seek independent verification of any information contained in this catalogue before relying on such information.

~ DNA PATERNITY VERIFICATION ~

It is a requirement of Angus Australia that all bulls used to sire calves for registration in the Angus Australia Herd Book Register, Red Angus Register or Angus Performance Register must have been DNA paternity verified if they are born in or after the 'Y' year (2003). Buyers intending to use bulls listed in this catalogue to produce calves to be registered in these registers should obtain DNA paternity verification on those bulls before they are used for breeding.

~ 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.

BUYER'S OPTION TO OPT OUT OF DISCLOSING PERSONAL INFORMATION TO THE 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 databases and disclosing that information to its members on its website.

I, the buyer of animals with the following registration numbers

..... from

Signature:

Date:

Please forward this completed consent form to Angus Australia, Glen Innes Road, Locked Bag 11, Armidale NSW 2350. If you have any queries, please telephone 02 6772 3011 or e-mail office@angusaustralia.com.au.

CARABAR DOCKLANDS D62 (AI)

Reference Sires

RS

DOB: 28/08/2008

Tattoo: QHE D62 (T&F)

C A FUTURE DIRECTION 5321 ARDROSSAN DIRECTION W109 (AI) (ET) ARDROSSAN WILCOOLA Q71 (AI) (ET)

Sire: NENZ181 KAROO W109 DIRECTION Z181

TE MANIA MODEST M126+92 KAROO FLATS MADONNA V56 (AI)

KAROO FLATS MADONNA T192

B/R NEW DESIGN 036 BON VIEW NEW DESIGN 1407

BON VIEW PRIDE 664

Dam: QHEB12 CARABAR BLACKCAP MARY (AI) (ET) SUMMITCREST SCOTCH CAP OB45

BOOROOMOOKA TRACY T4 (AI) (ET)

SUMMITCREST BLKCAP MARY E210 (ET)

	Selection	Indexes	
ABI	DOM	GRN	GRS
+\$135	+\$117	+\$134	+\$135

Traits Observed: GL,BWT,200WT,400WT,600WT,SS,FAT,EMA,IMF,Genomics

-			February 2017 Angus Australia BREEDPLAN											
	7î		B	IRTH			GROWTH							
Angu	2	Dir	Dtr	GL GL	BWT	200	400	600	MCW	Milk				
EBV'	s	+4.0) +1.4	-9.0	+4.1	+47	+90	+127	+99	+20				
Acc		95%	6 86%	99%	99%	98%	99%	98%	97%	96%				
FERT	ILI	TY			CAR	CASE			OTI	IER				
SS	D	TC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F				
+3.2	-:	5.4	+62	+6.8	+1.6	+2.2	+0.5	+1.0	+0.39	+0.67				
98%	6	9%	93%	91%	92%	91%	88%	90%	76%	78%				

Genetic Status: AMFU NHFU CAF DDF

BREEDPLAN Statistics: Num of Herds 157, Progeny Analysed 2971, Scan Progeny 1591, Num of Dtrs 278

RS	IRELANDS HEIRI	LOOM	H3 4	I3 (A	I) (I	ET)				VI Verified	ICH343 to Sire
DOB: 16/08/2012	Tattoo	: ILS H34	3 (T&F	F)							HBR
REN	BOOROOMOOKA UNDERTAKEN Y145 NYLEA C277 (AI) (ET)		Tr	aits Obs	erved:	BWT,600	OWT,SS,	FAT,EM	1A,IMF		
	BOORHAMAN Y55 (AI)	-		Februa	nry 201	7 Ang	us Aust	tralia I	BREEI	DPLAN	ĺ
Sire: VICF1 IRE	LANDS FLETCHER F1			BIR	тн			G	ROWT	н	
	VERMILION YELLOWSTONE	Angus	Dir	Dtrs	GL	BWT	200	400	600	MCW	Milk
TE M	IANIA WARGOONA Z31 (AI)	EBV's	+0.0	+0.7	-4.5	+5.9	+53	+99	+131	+131	+12
	Acc	55%	47%	61%	78%	80%	78%	79%	72%	57%	
	G D A R TRAVELER 044	FFRTI	ITV			CARC	ASE			ОТН	IFR

G D A R TRAVELER 044 G A R GRID MAKER

G A R PRECISION 2536

Selection Indexes

Dam: VICB12 IRELANDS ROSEBUD B12 (AI) (ET)

PAPA EQUATOR 2928 IMRAN ROSEBUD U17 (AI) (ET) SOUTH CROSS L11+91 (AI) (ET)

			Febr	uary 20	017 Ang	gus Aus	stralia .	BREE	DPLAN		
			B	IRTH			G	ROWT	Ή		
Angus		Dir	: Dtı	s GL	BWI	200	400	600	MCW	Milk	
EBV's	5	+0.0	0 +0.	7 -4.5	5 +5.9	+53	+99	+131	+131	+12	
Acc		55%	6 479	% 61%	5 78%	80%	78%	79%	72%	57%	
FERT	ILI	ITY			CAR	CASE			OTI	IER	
SS	D	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F	
+2.5	-	3.2	+72	+3.9	-1.8	-1.4	+1.1	+1.6	+0.01	-0.14	
78%	4	2%	67%	66%	65%	67%	61%	59%	48%	49%	

Genetic Status: AMFU NHFU CAFU DDFU

Progeny Analysed 32, Scan Progeny 8, rs 0

	ABI	DOM	GRN	GRS	BREEDPLAN Stat	istics: Num of Herds 1, Pr Num of Dtr.
	+\$124	+\$116	+\$134	+\$120		
	RS			ΜΑΤΑΙ	U RI OUTLIE	R F031
DO	OB: 28/08/2	2010			Tattoo:	
	5	SCH SCHURRTOP	IURR 77 1346 I REALITY X72		Traits	Observed: BWT,200WT,40
		SCH	IURRTOP 8019	V141		February 2017 An
n •	NU71144	48000000		TAT TEXT OF		DIDTII

Sire: NZE14647008839 MATAURI REALITY 839

Г

TE MANIA ULONG U41 (AI) (ET) MATAURI 06663

MATAURI 04456 AB

ARDROSSAN DIRECTION W109 (AI) (ET) KAROO W109 DIRECTION Z181

KAROO FLATS MADONNA V56 (AI)

Dam: NZE14647108860 MATAURI 08860 MAINSTREAM BAKER 202

MATAURI 105583

MATAURI 022

	Selection	Indexes	
ABI	DOM	GRN	GRS
+\$120	+\$111	+\$122	+\$120

NZE14647010F031

Verified to Sire HBR

400WT,SS,FAT,EMA,IMF,Genomics

-		Febr	uary 20)17 Ang	us Aus	stralia I	BREEI	OPLAN	1				
	7	B	IRTH			GROWTH							
Angus	Di	r Dtr	s GL	BWT	200	400	600	MCW	Milk				
EBV'	s -0.	8 +1.8	3 -4.2	+6.3	+54	+106	+137	+129	+16				
Acc	829	% 72%	6 98%	98%	97%	97%	96%	86%	80%				
FERT	ILITY			CARC	CASE			OTI	IER				
SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F				
+3.0	-4.1	+71	+1.7	+1.5	+1.9	-0.9	+1.4	+0.28	+0.13				
96%	49%	82%	85%	85%	84%	78%	82%	62%	64%				

Genetic Status: AMF NHF CAF DDF

BREEDPLAN Statistics: Num of Herds 56, Progeny Analysed 681, Scan Progeny 344, Num of Dtrs 20



Carabar Docklands D62



Irelands Heirloom H343



Matauri Outlier F031



Matauri Reality 839



Milwillah Gatsby G279



Vermont Drambuie D057

MATAURI REALITY 839

Tattoo: 839

DOB: 15/09/2008

RS

RS

ABI

+\$132

+\$127

+\$118

+\$129

+\$125

SCHURRTOP WWR REGENCY SCHURR 77 1346 EXCEL

SCHURR 77 SANDRA 1413 1033

Sire: USA14543651 SCHURRTOP REALITY X723

SCHURRTOP SUPREME SCHURRTOP 8019 V141

SCHURRTOP 4460

TE MANIA KNIGHT K206+90 (AI) (ET) TE MANIA ULONG U41 (AI) (ET)

MILWILL

TE MANIA LOWAN X118 (AI) (ET)

GRS

+\$118

GRN

+\$157

TE MANIA LOWAN Q42 (AI) (ET)

Dam: NZE14647106663 MATAURI 06663 TE MANIA MODEST M126+92

MATAURI 04456 AB

MATAURI 240

	Selection	Indexes	
ABI	DOM	GRN	GRS
+\$115	+\$111	+\$115	+\$115

Dam: NJWD112 MILWILLAH LOWAN D112 (AI) GARDENS HIGHMARK MILWILLAH LOWAN B83 (AI)

Selection Indexes

DOM

+\$105

B/R NEW DESIGN 036 TE MANIA UNLIMITED U3271 (AI) (ET) TE MANIA LOWAN R426 (AI) (ET)

Traits Observed: BWT,200WT,400WT,SS,FAT,EMA,IMF,Genomics

-]	Febru	uary 2()17 Ang	gus Aus	stralia	BREEI	DPLAN	I			
	7		B	RTH			GROWTH						
Angus	D	ir	Dtrs	GL	BWT	200	400	600	MCW	Milk			
EBV'	s +6	.6	+5.8	-9.9	+1.4	+42	+81	+99	+78	+16			
Acc	94	%	89%	99%	99%	98%	98%	98%	95%	92%			
FERT	ILITY				CAR	CASE			OTI	IER			
SS	DTC	C	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F			
+3.5	-4.3		+49	+4.4	+4.5	+4.2	-1.8	+2.6	+0.44	+0.61			
98%	57%	9	90%	90%	90%	89%	85%	87%	70%	72%			

Genetic Status: AMF NHF CAF DDF

BREEDPLAN Statistics: Num of Herds 146, Progeny Analysed 2993, Scan Progeny 1302, Num of Dtrs 117

RS	MILWILLAH G	MILWILLAH GATSBY G279 (AI)								rified to I	Viating
DOB: 01/08/2011	Tat	too: G279	9 (F)								HBR
TE MANI	RENNYLEA XPONENTIAL X555 (AI) (ET) A AMBASSADOR A134 (AI)	Traits Observed BWT 200WT 600WT(x2) FAT EN									s
			Februa	ry 201	7 Angi	is Aust	tralia I	BREEI	DPLAN	[
Sire: BNAD145 TUWHARETOA REGENT D145 (AI) (ET)				BIR	ТН			G	ROWT	Н	
	YTHANBRAE HENRY VIII U8 (AI) (ET)	Angus	Dir	Dtrs	GL	BWT	200	400	600	MCW	Milk
LAWSON	IS HENRY VIII Y5 (AI)	EBV's	-3.5	-3.8	-2.6	+5.3	+51	+87	+118	+101	+18
	YTHANBRAE DIRECTION T270 (AI)	Acc	85%	72%	99%	98%	98%	98%	98%	87%	75%

Acc	859	% 72%	6 99%	98%	98%	98%	98%	87%	75%
FERT	ILITY			CAR	CASE			ΟΤΙ	HER
SS	DTC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F
+2.4	-6.8	+78	+7.2	+3.1	+3.0	-2.4	+4.7	+1.00	+1.03
97%	60%	81%	86%	85%	84%	78%	83%	66%	67%

Genetic Status: AMF NHF CAF DDF

BREEDPLAN Statistics: Num of Herds 67, Progeny Analysed 1339, Scan Progeny 575, Num of Dtrs 0

	RS		VERM	ONT DRAM	IBUI	E 1	D05	57 (A	AI) (]	ET)			Ve	CC rified to	VD057 Mating
DC)B: 20/03/2	008		Tattoo:	VAGC	D05	7 (T	&F)							HBR
		N B	AR EMULATI	ON EXT		т	raite	Ohsory	ed: BWT	- 400WT	SS FAT	EMA IN	AF Gan	mics	
	L	EACHMAN F	RIGHT TIME			1	Tuus	Observe	eu. D W 1	,400 ₩1,	55,FAI	,EMA,III	11 [,] ,0em	mues	
		LEA	ACHMAN ERIC	A 0025				Febru	ary 20	17 Ang	us Aus	tralia l	BREEI	OPLAN	I
Sir	e: USA24J	BT RIGHT	TIME 24J			71		BI	RTH			G	ROWT	Н	
		TRA	AVELER 124 G	D A R	Angu	5	Dir	Dtrs	GL	BWT	200	400	600	MCW	Milk
	SITZ EVERELDA ENTENSE 1905					s	+0.5	-1.4	-4.8	+4.9	+50	+85	+108	+89	+13
	SITZ EVERELDA ENTENSE 1791						90%	81%	98%	98%	97%	98%	98%	96%	95%
		SCOTC	H CAP		FERT	ILI	ГҮ			CARC	CASE			OTI	IER
	S	UMMITCRES	ST SCOTCH C	AP OB45	SS	D	TC	CWT	EMA	RIB	P8	RBY	IMF	NFI-P	NFI-F
		SUMMI	TCREST HEIR	ESS OT09	+3.3	-5	5.9	+68	+9.9	+1.3	+2.1	+0.8	+1.8	-0.03	-0.29
Da	m: CCVX5	5 VERMO	NT WILCO	OLA X55 (AI) (ET) 97%	69	9%	91%	91%	92%	91%	88%	89%	79%	82%
			W DESIGN 036 WILCOOLA I					Gonot	ic Statı	is. AMI	r nhf	CAE			
	1		SSAN M30+92					Genei	it Siuri	13. ANII	1111	CAP	DDI		
				. (/11)											
		Selection	n Indexes												
										< - D		nalysed			

HBR

NJWG279



ANSA

Maturity

Drvland

NEW DIPLOID

(Lolium perenne)

Lifespan (years)

Min Rainfall (mm)

SEEDING RATE

High Rainfall/Irrigation

Heading Date (days)

PERENNIAL RYEGRASS

pasturegenetics.com



Ansa is a high-performance perennial with very good annual production. Its real strength is in winter, when it yielded better than 10 of the 11 cultivars it was tested against. This makes Ansa an ideal choice for

farms wanting to maximise pasture supplies in winter and early spring.

- +14 day maturity ideal to meet and manage feed requirements
- Excellent seedling vigour for quick pasture establishment
- High winter performance unique to only a few perennial ryegrasses Ability to target feed production
- in winter when high quality forage options are limited · Ideal ryegrass to use in high
- performance based systems Very densely tillered to offer excellent
- grazing characteristics AR1 endophyte package
- Edge endophyte package limited supplies 2017

Е

+14

Mid

5 - 7

700

kg/ha

10 - 15

25 - 30



\$SEVEN NEW DIPLOID PERENNIAL RYEGRASS

Happe endophyte is a world's-first technology from DLF Seeds.

(Lolium perenne)	E
Heading Date (days)	+24
Maturity	Late
Lifespan (years)	5 - 7
Min Rainfall (mm)	700
SEEDING RATE	kg/ha
Dryland	10 - 15
High Rainfall/Irrigation	25 - 30

they provide greater protection from ryegrass insects than some other endophytes and have no effect on grazing animals. The

animal-friendly feature of Happe is highlighted by farmer's observations that animals prefer to eat ryegrass with Happe over the

It was discovered in a meadow fescue plant, and has been transferred by natural techniques into ryegrass

varieties. Happe is unique because it is the only endophyte in single ryegrass varieties that produces lolines. Ryegrass plants with lolines are considered the "Holy grail" of pasture persistence and animal performance as

Excellent annual production Good seasonal growth - Although 24Seven has a very late heading date, unlike some other cultivars, there is no penalty for winter and early

- spring production. Persistence traits 24Seven has a high tiller density and strong ground cover, which are the key characters needed for ryegrass to tolerate grazing pressure in both dry and wet conditions.
- Extended feed quality (+24 day heading date) This gives farmers that extra period of high energy and protein pasture to improve animal production and silage quality. • Low aftermath heading
- Insect tolerance Available in 2017 with the novel endophyte Edge. It has been tested
- and proven to have tolerance to black beetle and Argentine stem weevil. · Will be available with New Happe
- endophyte in 2018

Edge is an endophyte discovered in Eac perennial ryegrass by DLF Seeds.

It provides very good insect protection due to the peramine it produces within the plant, but does not cause ryegrass staggers or heat stress, and does not reduce animal performance

AVAILABLE IN LIMITED QUANTITIES 2017

same variety of grass with a different endophyte. The fantastic thing about Happe and Edge as new technologies is that they are simple and easy to use, just specify them when you order seed and let them go to work for you. You will enjoy the improved persistence of the pasture, and your animals will enjoy eating them

AVAILABLE IN LIMITED QUANTITIES 2018

Tim Francis - Area Sales Manager 0419 995 416 tim.francis@pasturegenetics.com



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Notes $\boldsymbol{\mho}$

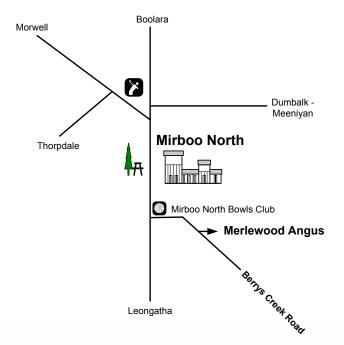
Notes $\boldsymbol{\mho}$













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