### Welcome

Welcome to our thirty third Angus bull sale.

We held our first sale in 1981 when at Karara and then moved onto Pittsworth whilst under the Forres prefix. Since 1997 we have been at "Mundibulanga" Drillham under the Raff prefix. The locations and prefixes may have changed but our commitment to selling quality and high growth black beef bulls has never changed. We have always aimed to breed animals that have the genetic capacity to produce progeny for the high quality premium beef markets with a maturity pattern which allows them to be not limited to one specific market; be that domestic trade, quality restaurant, EU or long fed off either grass or grain. This breeding direction has never changed.

Because of our location the environment largely dictates the type of Angus we breed. Naturally survivability is the number one selection criteria for us. First and foremost our cows have to survive and reproduce in our northern environment. We then select for the important beef producing qualities for profitability by all sections of the production chain - from conception to consumption. We are indeed fortunate today to have at our disposal so many performance measurements and genetic evaluation tools to assist in our selection. However these tools are of no value unless the basics are right - survivability and the ability to reproduce. So often an animal will come up with exceptional data which 'science' says we should use that is simply not sustainable in our environment, or that of many of our clients. We always have and always will resist the temptation to retain these animals albeit aware that we are sometimes sacrificing having sale bulls with 'fancy numbers'.

The Australian beef industry is facing some big challenges as it moves forward. The cow herd is moving north and in doing so it is moving into a much tougher environment, an environment where quality beef production is more difficult and challenging. The dollar difference gap between premium quality beef grades and others is getting wider and wider, the dollar incentive to improve quality has never been so apparent.

Raff bulls have been servicing many clients in some of the extreme parts of the north for a long time now and we are proud of the reputation our bulls have in northern Australia. It is also extremely pleasing for us to have many clients coming from the south acknowledging our genetic variance to mainstream along with our variance in type. Our bull breeding objectives are focused on the simple basics - to breed quality Angus bulls that can survive, weigh heavy and reproduce in any environment.

Having so much data at our disposal has caused concern to us that our sale catalogue might be suffering 'information overload'. To rectify this we have developed a Raff Angus Easy Guide that displays the group ranking of each animal in a bar graph format for five traits; Growth, Carcass, Feedlot, Calving and Fertility.

The Raff Family seed-stock operation remains committed to improving the quality of beef and the profitability of beef production. We are proud of our record of innovation and continue in invest heavily in the industry we are so passionate about and have so much confidence in. The bulls we offer this year, we believe, are a reflection of our commitment to the industry and a draft of bulls we are proud to have our brand on.

The Raff Family

## Video footage on sale lots can be viewed at www.raffangus.com.au

#### SALE MANAGER



### COMMISSION AND REBATES

#### 5% commission will be paid to any agent:-

- Accompanying a client to the sale.
- Attends the sale and purchases on a clients behalf
- Settling within seven days.

#### 2% commission will be paid to any agent:-

- Introducing a purchaser to the vendor 48 hours prior to the sale but not accompanying the client to the sale.
  - Settling within seven days





Michael Glasser

James Croft

Ray White. Livestock Sales Management

**AUCTIONEERS** 

### James Croft - 0429 318 646

Ray White Livestock Sales Management will be working in association with Michael Glasser of Glasser Total Sales Management. They will be responsible for handling the day's registrations and settlement of accounts.

#### AGENTS PLEASE NOTE -All introductions to be made to

Andrew Raff: Email andrew@raffangus.

Fax Phone Mobile andrew@raffangus.com.au 07 4627 6293 07 4627 6064 0429 691 975



## SAVE TIME - PRE REGISTER

This year we have introduced the new

### "PRE SALE DAY - BUYER REGISTRATION"

This will "save time" on the sale day, it will have all of your details correct and all you will do on sale day is walk up and collect your BID CARD.

### It is very simple - go to www.gtsm.net.au

website and click on the "On line rego button", fill out the form and press send!

Cut off time is 10.00am Friday 21st September to pre sale register.

PLEASE NOTE: Registration on sale day is still available as normal.

### SALE INFORMATION

#### **Registration Status**

All bulls are either **HBR** (Herd Book Registered) with a green tag or **APR** (Angus Performance Registered) with a yellow tag. Bulls with a white tag are imported Hoff embryo progeny.

#### Animal Identification

All bulls are freeze branded with the 'bench axe' symbol, year letter and number. A near side ear tag has the bulls ID, year letter and number. The off side ear has the bulls NLIS tag. Lot numbers will be paint branded on bulls on sale day.

#### Breeding Soundness Examination and Semen Test

All bulls have undergone a thorough examination by Dr Ced Wise to check their physical structure and breeding anatomy. All bulls have produced viable semen.

#### **Health Treatments**

Full vaccination details and treatment dates are listed at the beginning of each contemporary group within the catalogue and will again be detailed on the supplementary sheet.

#### Inspection

An 'Open Day' will be held at "Mundibulanga" on Sunday 22nd September when sale cattle can be inspected. There will also be groups of breeding cows and joining sires grouped for your inspection. Bulls may be inspected and is encouraged prior to the sale by arrangement with the vendors or their agent. Bulls will be penned ready for inspection from 9am on the morning of the sale.

#### Delivery

Bulls will be available for delivery immediately after the sale. "Mundibulanga" is in a tick free area and cattle are free to move interstate. Mick and Kathleen Moffatt will be handling all of the transport and deliveries. Home 07 46 658 154 / Mobile 0407 658 194

#### Refreshments

Lunch and refreshments will be available on sale day with the compliments of the Raff family.

#### Photos

Photos were taken six weeks prior to the sale. Due to the shear workload involved in the compiling and timing of the catalogue the decision was made to not take photos of all lots this year. They have not been 'touched up' in any way.

#### AuctionsPlus - Raff Angus bull sale is interfaced with AuctionsPlus.

Auction prices at this sale are live online and will be interfaced with the physical auction. A computer is used to bring the real time "on property" prices to your Internet screen for those who have registered as AuctionPlus bidders to follow. Online bidders can place a bid on their computer and the result is immediately transferred to the person on property controlling the device - then on to the auctioneer. Bidding is only available to registered AuctionsPlus users. We recommend registering online as soon as possible if you wish to use the facility and become familiar with the sites operation. We have undertaken to use AuctionsPlus as an additional option - we will still operate phone bidding. It has been put in place in order to make it more convenient for our clients to secure their selected bulls. You must register at least 24 hours prior to the sale on www.auctionsplus.com.au

#### Phone Bidding - 7 DAY MONEY BACK GUARANTEE.

Phone bidding facilities will be available on sale day. For those wishing to purchase bulls 'sight unseen' we are happy to assist with selections by offering an unbiased and honest assessment of the bulls. Those purchasing, that have discussed their selection with the vendor, are offered an unconditional money back guarantee if the purchaser is not satisfied with their purchase within seven days of taking delivery {purchaser will incur transport costs}. It is essential to make contact with the selling agent or the vendor prior to the sale to ensure that contact can be made on sale day.

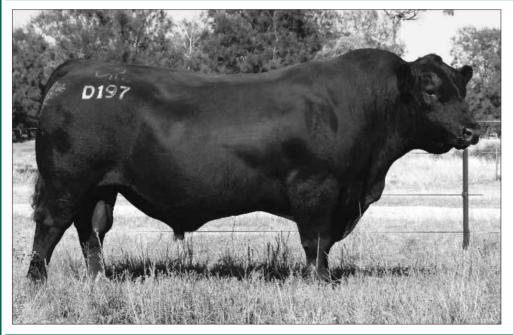
#### SALE DAY PHONE NUMBERS

Landline - 0746 276 064 Andrew - 0429 691 975 David - 0447 376 033 Michael Glasser 0403 526 702 James Croft 0429 318 646





RAFF EMPIRE E269 is a 10th generation Raff bred bull that traces back to our foundation cow, Sarum Doris 19th purchased in 1965. His 3rd dam is sired by Raff Ultimate U27 who sold for \$30,000 privately which we bred from the great Burnette family that is a direct descendant of the great Forres Burnette A22 matron. We consider Empire to be the greatest bull we have ever bred. During his show career he clocked up over 20,000 kilometers in trucks going to shows where he won eleven Inter-breed Supreme Beef Exhibit titles including the Dubbo Beef Spectacular and Melbourne Royal Angus Feature Show. He was also the Grand Champion Angus Bull and Supreme Angus Exhibit at the 2012 Sydney Royal Show and at his final showing at Rockhampton Beef 2012 was the Grand Champion Angus Bull. Empire is an amazing bull that is super active and services cows naturally with ease. His progeny are all of a kind with shape and substance. 15 sons sell.



## RAFF DISTINCTION D197

RAFF DISTINCTION D197 must be considered one of our better bulls resulting from our USA Hoff embryo project. With so much power, substance, volume and capacity Distinction really is an amazing beef bull. He is as wide based a sire as you could find with excellent feet and legs with length and strength of spine. He has incredible width and depth of hindquarter that usually you would only find in Euros. Like all Moriah sons he has a wonderful disposition. You truly have to stand behind him to admire his extreme width of hip and pin - something that all of his progeny inherit. 14 sons sell.



# RAFF EXPLOSIVE E108

RAFF EXPLOSIVE E108 is one of only a handful of Connealy Danny Boy sons in Australia. He is a massive bull that typifies what a Raff bull should be displaying with phenomenal growth, extreme length and capacity, great neck extension and shoulder set. He was sound on his feet and legs with a powerful head and strength of jaw and prowled the paddock like a cat while maintaining his condition at the completion of a season. We unfortunately lost Explosive from injury but will continue to use him through AI and have retained an outstanding son - Raff Hero H255. 21 sons sell.



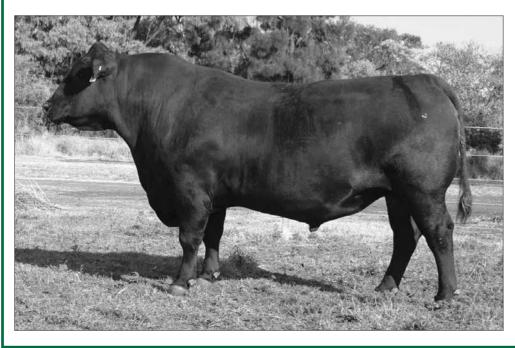
## RAFF DAKOTA D85

RAFF DAKOTA D85 is a 34 brother to Hoff Limited Edition SC 594. He is a massive bull that is just so beautifully balanced and structurally correct. Dakota is a bull that will make cows the right shape for them to thrive, survive and reproduce in any environment. His daughters already in production have superb udder shape. While his dam Hoff Blackbird 5217 was not a prolific embryo producer her sons and daughters have been outstanding. We have line bred some Limited Edition daughters back to this bull with really high performing progeny resulting. 2 sons sell.





RAFF DALLAS D216 was Senior and Grand Champion Angus Bull at the 2010 Brisbane Royal Show and Reserve Senior Champion at the Adelaide Angus Feature Show that same year. At both shows he was the highest weight for age and largest EMA bull of all breeds while boasting double digit fat scans and an IMF in excess of 6.0%. In July 2012 he weighed in at 1460 kg's and carried it with ease. Dallas has a number of progeny within our herd and they simply excel for all growth and weight bearing traits. His dam was a truly prolific donor producing 150 A grade embryos over a 16 month flush period. 3 sons sell.





**RAFF DYNAMITE D345** sold to a partnership of Kellie Smith of K5X Angus Qld and Corey & Prue Ireland of Ireland Angus NSW for \$18,000 at our 2011 sale. He is a magnificent beef bull that weighs heavy, has excellent skin type, extra bone, great capacity and overall balance. His sons have extra hindquarter expression yet his daughters have smoothness of front and softness. He is a flush brother to Raff Dazzler D353 and Raff Blackbird D349. **2 sons sell**.





# RAFF DAZZLER D353

RAFF DAZZLER D353 is a unique performance sire for raw data, EBV's and MVP's. He is a low birth weight bull with explosive growth, massive scrotal, carcase weight and eye muscle area. His MVP's rank him highly for tenderness with excellent feed efficiency whilst better than breed average for marbling. He is a flush sister to Raff Dynamite D345 who sold for \$18,000 at our 2011 sale and our impressive show cow and donor Raff Blackbird D349 who was the 2012 Brisbane Royal Show Interbreed Champion Cow. The sheer red meat capacity and fine skin type complement Dazzlers' performance. He was sold privately to Myanga Angus Stud, Laggon NSW. 10 sons sell.

## RAFF DICTATOR D364

RAFF DICTATOR D364 is a massive 64 inch son of Hoff Lady Durham by the old breed legend Leachman Prompter. His athleticism, carriage and little bit of arrogance - the way he prances around the paddock - has earned him the title 'the thoroughbred stallion'. His progeny weigh heavy and have the extra neck extension and lovely shoulder setting of their sire - his daughters should make wonderful cows. We consider this bull a real 'purpose' sire and have been satisfied enough by his progeny that we have since bought back a flush brother that we sold at our 2009 bull sale. 4 sons sell.



# RAFF DUKE D367

**RAFF DUKE D367** is a powerful, thick and deep bodied bull that has a wonderful disposition - his depth of heals and foot structure is excellent. He is one of six sons of the great Hoff Moriah 822 we have retained for stud sire duties. Moriah progeny are all incredibly consistent - big and powerful with excellent structure and temperament. We regarded the Shady Brook Prime cows in the Hoff dispersal as the best sire group in the sale. **6 sons sell**.



# RAFF EMBLEM E69

**RAFF EMBLEM E69** adds to the amazing battery of sires that Hoff Moriah 822 has produced for us. Sired by Limited Edition's sire Hoff Charger, Emblem again has the power and volume lacking in so many Angus today. It would be hard to change his confirmation to make it any better. His calves are all of a type while his flush sisters are really great females with very neat udders. Emblem is such a safe and predictable sire with a great phenotype and pedigree. **6 sons sell**.



## RAFF EMPEROR E106

RAFF EMPEROR E106 is another power packed Moriah son. We used his sire Leachman Hoss to capture the genetics of his dam Leachman Lass 1004 (also the dam of Leachman Prompter) a cow that David Raff ranks as one of the alltime great Angus cows he has seen in the breed. Emperor is a big boned strong headed sire with near perfect feet and legs and big testicles. He has so much volume and width of hindquarter that indicate he should breed cows with shape and capacity. **7** sons sell.



# RAFF ENCORE E110

RAFF ENCORE E110 is a 34 brother to Emperor combining what we believe to be the best modern day cow Hoff Moriah 822 with our favorite old cow Leachman Lass 1004 - the power of the pedigree really shows through here. To sustain a viable cow herd sooner or later the breed is going to need these reliable tried and proven genetics that breed bulls with power and capacity and cows that have shape and constitution. Encore is an upstanding individual, smooth through the front, wide through the back end and has a wonderful nature. We sold him in 2012 and have retained his younger flush brother - Raff Freddo F143. 6 sons sell.



## RAFF EXTERMINATOR E201

**RAFF EXTERMINATOR E201** was a standout at birth and has proved a real calf getter that is producing a wonderful line of daughters. His extreme length and strength of spine sets this bull apart from any of today's modern sires. His identical flush brother was sold for \$18,000 at our sale last year at 25 months weighing 1,152 kg with an EMA of 147cm, 17/15 mm fat, 6.1% IMF% and a 44cm scrotal with a 7.9 frame - he was just an awesome beef bull that ticks all the boxes! **15 sons sell**.



## RAFF EXPEDITION E213

**RAFF EXPEDITION E213** was a magnificent Angus bull with extra depth of hindquarter and muscle, plenty of bone, a strong muzzle and shear power. He had tremendous backend width which is so hard to come by within the breed. At 25 ½ months he weighed 1152 kg's to be gaining 1.52kg/day whole of life. At scanning when several months younger he had a massive EMA of 145sq cm with 17/15mm Fat and 6.1% IMF. He is a full brother to stud sire Raff Exterminator E201. **2 sons sell**.





RAFF EGO E266 is another Hoff Blackbird 5217 son by a bull we found at the last AI center we visited in USA - ONeills Expedition. Eqo is very strong topped bull with extra softness, fine skin type and doing ability. His MVP for Tenderness is outstanding. A flush brother sold to Irelands Angus Stud with a flush sister possibly our best "F" heifer for that year. All of his sisters are proving to be remarkable breeding females. Ego has been used successfully on heifers with no assistance needed to date. He has the unique ability to moderate his progeny yet improve docility, structure and length. This sire is one that we will use for many years on both heifers and large framed cows. 4 sons sell.



# RAFF DANNY BOY D210

**RAFF DANNY BOY D210** is a flush brother to Distinction D197 and Danny Boy D207 both of which have done incredible jobs within stud duties. We sold D210 at the 2009 sale for \$21,000 when he was gaining 1.41kg/day at 13 months with an EMA scan of 110sq cm. We no longer have any semen in storage from him so his sons this year are his last. **2 sons sell.** 



## RAFF FRODO F117

RAFF FRODO F117 was retained from the 2010 drop not only because he was a big weight gainer but he was reported as an elite carcass sire through HD50k for Angus whilst he individually recorded one of the highest IMF% scans for his year of 7.0% at just 14 months of age - 12 months later after two joining's he returned to record 7.2%. He ultimately injected marbling without the sacrifice of weight and pedigree. **2 sons sell**.



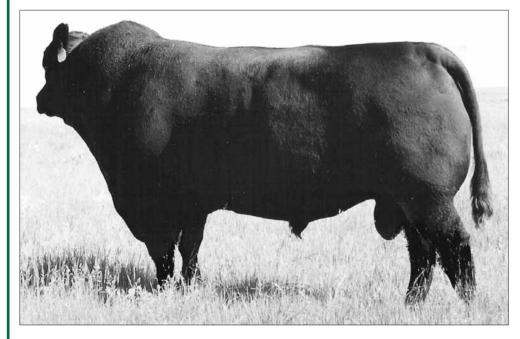
# RAFF X-FACTOR X3

**RAFF X-FACTOR X3** was purchased back into the herd as an aged bull after topping our 2003 bull sale. He is one of our highest IMF% scanning bulls as was his dam Doris V9. X-Factor is incredibly potent at breeding high marbling cattle from even moderate IMF cows. As a rising 10 year old he was sound and still very active in natural service. His MVP's (Molecular Value Predictions) have him in right at the top of the breed for Marbling. We have used a son Raff Fortune F344 with his full brother Raff Herbie H218 also retained for stud duties. **7 sons sell**.



# O'NIELLS PRIME STAR 80

**O'NEILLS PRIME STAR 80** is the bull that we have been waiting for that will fast track our improvement for marbling without sacrificing growth and pedigree uniqueness. We have been following the O'Neill's Angus program for decades with their first genetic influence coming from Renovator 2943. More recently we purchased O'Neill's Royal Edge K337 and then came across this bull - Prime Star 80. His sire is Americas #1 bull for marbling whilst his dam is considered one of O'Neill's best. **8 sons sell**.



## HOFF CHARGER 242

HOFF CHARGER 242 is the sire of Hoff Limited Edition who we bought the Australian semen rights on in 2004. Charger was an absolute beef machine with excellent structure. We have a number of direct progeny here from the Hoff embryo's that we imported after the purchase of four Hoff females at their famous dispersion sale. The one son represented in the sale by Charger is out of the magnificent matron Hoff Moriah 822. 1 son sells.



# TC STOCKMAN 2164

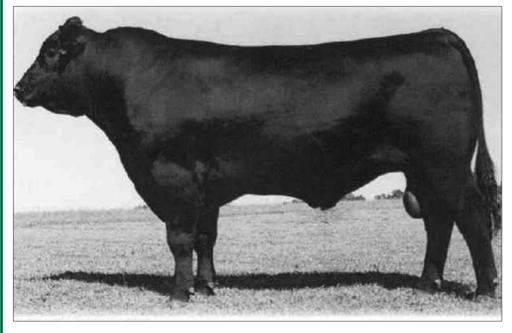
TC STOCKMAN 2164 has made a major contribution to the Angus breed both within Australia and Internationally. All his progeny were docile, sound in structure with good weight gaining attributes. A number of our leading cows have him somewhere within their pedigree with his best son here being Raff Ultimate U27 that we sold many years ago privately for \$30,000. 1 son sells.

# DMM POSI-TRACTION 57P

DMM POSI-TRACTION 57P was introduced into our herd at the same time the first DMM Shift semen was used. We only brought 20 straws into the country. He is a magnificent phenotype bull that produces big capacity cattle with good bone and substance. We have just the one daughter in production and she proves to be milking well. All his progeny excel for docility. 1 son sells.



**DMM SHIFT 78S** was inspected by us at the Miller Wilson ranch in Canada when we purchased Australian semen rights - later that year he went on to become the Canadian Show Bull of the Year. His mother is an awesome cow who has bred many stud sires in Canada. Shift progeny are all docile in nature, thick across the top and of moderate maturity. His daughters have perfect udders and hold their condition well after calving. **2 sons sell**.



# VDAR NEW TREND 315

NEW TREND 315 needs no introduction as he was one of the highly used AI sires several decades ago. We used him on a flush to add milk and carcass quality that he certainly gained a reputation for. He had a major influence in our program with many of the great breeding cows going just several generations back to him. 1 son sells. The following page lists the HD50K for Angus Molecular Value Predictions for those traits not incorporated into other performance indicators - DMI (Dry Matter Intake), NFI (Net Feed Intake), FDG (Feedlot Daily Gain) and Tenderness.

## **CRAff** angus CP.



HD50K for Angus Molecular Value Predictions

			DMI	NFI	FDG	Tend
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
1	F344	HD 50K MVP	0.11	-0.06	0.16	-0.29
	1344	% Breed Rank	75	75	40	35
2	G252	HD 50K MVP	0.18	-0.01	0.16	-0.28
2	0232	% Breed Rank	85	90	40	40
3	G316	HD 50K MVP	0.18	-0.09	0.2	-0.29
5	0310	% Breed Rank	85	60	15	35
4	G327	HD 50K MVP	-0.01	-0.07	0.15	-0.21
4	0327	% Breed Rank	50	70	50	85
5	G424	HD 50K MVP	-0.12	-0.12	0.13	-0.22
5	0424	% Breed Rank	30	45	70	80
6	H8	HD 50K MVP	-0.09	-0.05	0.13	-0.21
0	110	% Breed Rank	35	80	70	85
7	H11	HD 50K MVP	0.27	0.01	0.16	-0.19
,		% Breed Rank	95	95	40	90
8	H18	HD 50K MVP	0.16	-0.04	0.15	-0.3
0	пю	% Breed Rank	80	85	50	25
9	H19	HD 50K MVP	-0.17	-0.06	0.15	-0.3
9	П19	% Breed Rank	25	75	50	25
10	H22	HD 50K MVP	0.3	-0.04	0.22	-0.24
10	1122	% Breed Rank	95	85	8	70
11	H23	HD 50K MVP	0.25	-0.09	0.22	-0.24
	1123	% Breed Rank	90	60	8	70
12	H25	HD 50K MVP	-0.2	-0.09	0.09	-0.24
12	1125	% Breed Rank	20	60	95	70
13	H26	HD 50K MVP	0.02	-0.09	0.14	-0.31
15	1120	% Breed Rank	60	60	60	20
14	H27	HD 50K MVP	0.06	-0.02	0.13	-0.27
14	1127	% Breed Rank	65	90	70	45
15	H31	HD 50K MVP	-0.03	-0.13	0.19	-0.2
15	1151	% Breed Rank	50	40	20	90
16	H32	HD 50K MVP	0.1	-0.21	0.2	-0.28
10	1152	% Breed Rank	70	10	15	40
17	H33	HD 50K MVP	-0.26	-0.14	0.14	-0.29
	1133	% Breed Rank	9	35	60	35
18	H34	HD 50K MVP	-0.1	-0.1	0.13	-0.23
10	1134	% Breed Rank	35	55	70	75
19	H47	HD 50K MVP	0.04	-0.2	0.16	-0.24
19	1147	% Breed Rank	60	15	40	70

			DMI	NFI	FDG	Tend
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
21	H56	HD 50K MVP	0.11	-0.06	0.16	-0.29
21	1150	% Breed Rank	75	75	40	35
22	H60	HD 50K MVP	0.18	-0.01	0.16	-0.28
22	1100	% Breed Rank	85	90	40	40
23	H61	HD 50K MVP	0.18	-0.09	0.2	-0.29
25	1101	% Breed Rank	85	60	15	35
24	H63	HD 50K MVP	-0.01	-0.07	0.15	-0.21
24	1103	% Breed Rank	50	70	50	85
25	H64	HD 50K MVP	-0.12	-0.12	0.13	-0.22
23	1104	% Breed Rank	30	45	70	80
26	H66	HD 50K MVP	-0.09	-0.05	0.13	-0.21
20	1100	% Breed Rank	35	80	70	85
27	H68	HD 50K MVP	0.27	0.01	0.16	-0.19
21	1100	% Breed Rank	95	95	40	90
28	H70	HD 50K MVP	0.16	-0.04	0.15	-0.3
20	11/0	% Breed Rank	80	85	50	25
29	H71	HD 50K MVP	-0.17	-0.06	0.15	-0.3
27	10/1	% Breed Rank	25	75	50	25
30	H73	HD 50K MVP	0.3	-0.04	0.22	-0.24
50	11/3	% Breed Rank	95	85	8	70
31	H74	HD 50K MVP	0.25	-0.09	0.22	-0.24
51	1074	% Breed Rank	90	60	8	70
32	H77	HD 50K MVP	-0.2	-0.09	0.09	-0.24
52		% Breed Rank	20	60	95	70
33	H81	HD 50K MVP	0.02	-0.09	0.14	-0.31
		% Breed Rank	60	60	60	20
34	H84	HD 50K MVP	0.06	-0.02	0.13	-0.27
01	1101	% Breed Rank	65	90	70	45
35	H89	HD 50K MVP	-0.03	-0.13	0.19	-0.2
	1107	% Breed Rank	50	40	20	90
36	H90	HD 50K MVP	0.1	-0.21	0.2	-0.28
50		% Breed Rank	70	10	15	40
37	H92	HD 50K MVP	-0.26	-0.14	0.14	-0.29
		% Breed Rank	9	35	60	35
38	H95	HD 50K MVP	-0.1	-0.1	0.13	-0.23
		% Breed Rank	35	55	70	75
39	H99	HD 50K MVP	0.04	-0.2	0.16	-0.24
37	,	% Breed Rank	60	15	40	70



HD 50K

# **CRaff** angus Cr.



DMI NEI EDG

#### HD50K for Angus Molecular Value Predictions

			DMI	NFI	FDG	Tend
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
41	H105	HD 50K MVP	0.1	-0.11	0.18	-0.29
		% Breed Rank	70	50	25	35
42	H110	HD 50K MVP	-0.06	-0.07	0.14	-0.25
72	IIIIo	% Breed Rank	40	70	60	60
43	H111	HD 50K MVP	0.13	0.03	0.14	-0.33
45		% Breed Rank	75	95	60	15
44	H112	HD 50K MVP	-0.13	-0.17	0.13	-0.19
	11112	% Breed Rank	30	20	70	90
45	H118	HD 50K MVP	0.15	-0.06	0.18	-0.23
40	11110	% Breed Rank	80	75	25	75
46	H30	HD 50K MVP	0.28	0.06	0.18	-0.26
40	1130	% Breed Rank	95	100	25	55
47	H385	HD 50K MVP	0.07	-0.02	0.17	-0.24
47	П300	% Breed Rank	65	90	30	70
48	H349	HD 50K MVP	0.14	-0.06	0.2	-0.2
40	П349	% Breed Rank	80	75	15	90
49	11240	HD 50K MVP	0.35	0.02	0.19	-0.3
49	H340	% Breed Rank	95	95	20	25
50	H350	HD 50K MVP	0.2	0	0.18	-0.16
50	H350	% Breed Rank	85	95	25	100
F 1	11071	HD 50K MVP	-0.09	-0.14	0.2	-0.21
51	H361	% Breed Rank	35	35	15	85
52	H372	HD 50K MVP	-0.08	-0.11	0.18	-0.13
52	H372	% Breed Rank	40	50	25	100
53	11075	HD 50K MVP	0.11	-0.02	0.18	-0.22
55	H375	% Breed Rank	75	90	25	80
E 4	11422	HD 50K MVP	-0.04	-0.1	0.18	-0.02
54	H433	% Breed Rank	45	55	25	100
55	11101	HD 50K MVP	0.02	-0.12	0.2	-0.2
55	H121	% Breed Rank	60	45	15	90
56	11240	HD 50K MVP	0.12	-0.13	0.21	-0.18
00	H269	% Breed Rank	75	40	15	95
57	11210	HD 50K MVP	-0.01	-0.05	0.19	-0.31
57	H310	% Breed Rank	50	80	20	20
50	11010	HD 50K MVP	0.01	-0.04	0.16	-0.24
58	H319	% Breed Rank	55	85	40	70
50	110/4	HD 50K MVP	0.07	-0.06	0.2	-0.21
59	H261	% Breed Rank	65	75	15	85
		HD 50K MVP	0.16	-0.09	0.2	-0.18
60	H274	% Breed Rank	80	60	15	95

			DIVII	INFI	FDG	renu
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
61	H127	HD 50K MVP	0.1	-0.11	0.18	-0.29
01	пı <i>21</i>	% Breed Rank	70	50	25	35
62	H129	HD 50K MVP	-0.06	-0.07	0.14	-0.25
02	T129	% Breed Rank	40	70	60	60
(2	11120	HD 50K MVP	0.13	0.03	0.14	-0.33
63	H130	% Breed Rank	75	95	60	15
64	11125	HD 50K MVP	-0.13	-0.17	0.13	-0.19
64	H135	% Breed Rank	30	20	70	90
15	H140	HD 50K MVP	0.15	-0.06	0.18	-0.23
65	HI40	% Breed Rank	80	75	25	75
	114.4.4	HD 50K MVP	0.28	0.06	0.18	-0.26
66	H144	% Breed Rank	95	100	25	55
17	114.45	HD 50K MVP	0.07	-0.02	0.17	-0.24
67	H145	% Breed Rank	65	90	30	70
10	114.47	HD 50K MVP	0.14	-0.06	0.2	-0.2
68	H146	% Breed Rank	80	75	15	90
10	114.47	HD 50K MVP	0.35	0.02	0.19	-0.3
69	H147	% Breed Rank	95	95	20	25
70	11450	HD 50K MVP	0.2	0	0.18	-0.16
70	H153	% Breed Rank	85	95	25	100
74	11455	HD 50K MVP	-0.09	-0.14	0.2	-0.21
71	H155	% Breed Rank	35	35	15	85
70	11457	HD 50K MVP	-0.08	-0.11	0.18	-0.13
72	H156	% Breed Rank	40	50	25	100
70	11450	HD 50K MVP	0.11	-0.02	0.18	-0.22
73	H158	% Breed Rank	75	90	25	80
74	114.00	HD 50K MVP	-0.04	-0.1	0.18	-0.02
74	H163	% Breed Rank	45	55	25	100
75	1117.4	HD 50K MVP	0.02	-0.12	0.2	-0.2
75	H164	% Breed Rank	60	45	15	90
7/	11171	HD 50K MVP	0.12	-0.13	0.21	-0.18
76	H171	% Breed Rank	75	40	15	95
77	11170	HD 50K MVP	-0.01	-0.05	0.19	-0.31
77	H173	% Breed Rank	50	80	20	20
70	11474	HD 50K MVP	0.01	-0.04	0.16	-0.24
78	H174	% Breed Rank	55	85	40	70
70	11475	HD 50K MVP	0.07	-0.06	0.2	-0.21
79	H175	% Breed Rank	65	75	15	85
		HD 50K MVP	0.16	-0.09	0.2	-0.18
80	H178	% Breed Rank	80	60	15	95

The following page lists the HD50K for Angus Molecular Value Predictions for those traits not incorporated into other performance indicators - DMI (Dry Matter Intake), NFI (Net Feed Intake), FDG (Feedlot Daily Gain) and Tenderness.



**Raff** angus Cp.



HD50K for Angus Molecular Value Predictions

			DMI	NFI	FDG	Tend
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
81	H180	HD 50K MVP	0.06	-0.1	0.18	-0.14
01	птоо	% Breed Rank	65	55	25	100
82	H182	HD 50K MVP	0.02	-0.07	0.17	-0.32
02	птод	% Breed Rank	60	70	30	15
83	H187	HD 50K MVP	-0.15	-0.09	0.12	-0.3
03	пто/	% Breed Rank	25	60	80	25
84	H188	HD 50K MVP	0.27	-0.11	0.23	-0.32
04	піоо	% Breed Rank	95	50	7	15
85	H189	HD 50K MVP	0.02	-0.17	0.18	-0.3
60	П109	% Breed Rank	60	20	25	25
86	H194	HD 50K MVP	0.25	-0.04	0.18	-0.24
00	H194	% Breed Rank	90	85	25	70
87	H196	HD 50K MVP	0.1	-0.03	0.18	-0.21
0/	H140	% Breed Rank	70	85	25	85
00	11201	HD 50K MVP	-0.05	-0.14	0.15	-0.27
88	H201	% Breed Rank	45	35	50	45
89	H203	HD 50K MVP	-0.04	-0.15	0.16	-0.29
09	H2U3	% Breed Rank	45	30	40	35
90	H205	HD 50K MVP	-0.04	-0.12	0.13	-0.24
90	H200	% Breed Rank	45	45	70	70
91	H206	HD 50K MVP	0.13	-0.04	0.18	-0.27
91	H200	% Breed Rank	75	85	25	45
92	11200	HD 50K MVP	-0.28	-0.16	0.14	-0.27
92	H209	% Breed Rank	8	25	60	45
93	H211	HD 50K MVP	-0.42	-0.15	0.1	-0.29
93	TZ 11	% Breed Rank	2	30	90	35
94	H213	HD 50K MVP	-0.05	-0.1	0.14	-0.13
94	TI213	% Breed Rank	45	55	60	100
95	H219	HD 50K MVP	-0.13	-0.12	0.15	-0.3
90	E119	% Breed Rank	30	45	50	25
96	H220	HD 50K MVP	0.04	-0.14	0.19	-0.24
90	H220	% Breed Rank	60	35	20	70
97	H226	HD 50K MVP	0.36	-0.06	0.2	-0.28
71	TZ20	% Breed Rank	100	75	15	40
98	H229	HD 50K MVP	-0.07	-0.09	0.15	-0.27
70	T1229	% Breed Rank	40	60	50	45
99	11220	HD 50K MVP	0.09	-0.11	0.17	-0.24
44	H230	% Breed Rank	70	50	30	70
100	11222	HD 50K MVP	0.32	-0.01	0.21	-0.2
100	H233	% Breed Rank	95	90	15	90

			DMI	NFI	FDG	Tend
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
101	H234	HD 50K MVP	0.06	-0.1	0.18	-0.14
101	112.54	% Breed Rank	65	55	25	100
102	H235	HD 50K MVP	0.02	-0.07	0.17	-0.32
102	11233	% Breed Rank	60	70	30	15
103	H237	HD 50K MVP	-0.15	-0.09	0.12	-0.3
103	11237	% Breed Rank	25	60	80	25
104	H239	HD 50K MVP	0.27	-0.11	0.23	-0.32
104	112.37	% Breed Rank	95	50	7	15
105	H241	HD 50K MVP	0.02	-0.17	0.18	-0.3
105	11241	% Breed Rank	60	20	25	25
106	H242	HD 50K MVP	0.25	-0.04	0.18	-0.24
100	11242	% Breed Rank	90	85	25	70
107	H245	HD 50K MVP	0.1	-0.03	0.18	-0.21
107	11243	% Breed Rank	70	85	25	85
108	H247	HD 50K MVP	-0.05	-0.14	0.15	-0.27
108	11247	% Breed Rank	45	35	50	45
109	H252	HD 50K MVP	-0.04	-0.15	0.16	-0.29
107	112.52	% Breed Rank	45	30	40	35
110	H258	HD 50K MVP	-0.04	-0.12	0.13	-0.24
110	112.30	% Breed Rank	45	45	70	70
111	H259	HD 50K MVP	0.13	-0.04	0.18	-0.27
	11237	% Breed Rank	75	85	25	45
112	H270	HD 50K MVP	-0.28	-0.16	0.14	-0.27
112	11270	% Breed Rank	8	25	60	45
113	H273	HD 50K MVP	-0.42	-0.15	0.1	-0.29
115	11275	% Breed Rank	2	30	90	35
114	H278	HD 50K MVP	-0.05	-0.1	0.14	-0.13
114	11270	% Breed Rank	45	55	60	100
115	H280	HD 50K MVP	-0.13	-0.12	0.15	-0.3
115	11200	% Breed Rank	30	45	50	25
116	H282	HD 50K MVP	0.04	-0.14	0.19	-0.24
110	11202	% Breed Rank	60	35	20	70
117	H283	HD 50K MVP	0.36	-0.06	0.2	-0.28
117	11205	% Breed Rank	100	75	15	40
118	H293	HD 50K MVP	-0.07	-0.09	0.15	-0.27
110	11273	% Breed Rank	40	60	50	45
119	H304	HD 50K MVP	0.09	-0.11	0.17	-0.24
117	11304	% Breed Rank	70	50	30	70
120	H309	HD 50K MVP	0.32	-0.01	0.21	-0.2
120	L20A	% Breed Rank	95	90	15	90

## **Raff** angus Cp.



HD50K for Angus Molecular Value Predictions

			DMI	NFI	FDG	Tend
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
121	H315	HD 50K MVP	0.1	-0.09	0.17	-0.3
121	11313	% Breed Rank	70	60	30	25
122	H323	HD 50K MVP	0.15	-0.06	0.18	-0.21
122	11323	% Breed Rank	80	75	25	85
123	H326	HD 50K MVP	0.3	0	0.17	-0.27
125	11320	% Breed Rank	95	95	30	45
124	H329	HD 50K MVP	0.08	-0.08	0.16	-0.3
124	11327	% Breed Rank	70	65	40	25
125	H330	HD 50K MVP	0.04	-0.08	0.15	-0.27
125	11550	% Breed Rank	60	65	50	45
126	H336	HD 50K MVP	0.01	0	0.16	-0.18
120	11550	% Breed Rank	55	95	40	95
127	H338	HD 50K MVP	0.12	-0.1	0.18	-0.3
127	11330	% Breed Rank	75	55	25	25
128	H341	HD 50K MVP	0.03	-0.06	0.13	-0.27
120	11341	% Breed Rank	60	75	70	45
129	H351	HD 50K MVP	0.19	0.01	0.14	-0.22
127	11551	% Breed Rank	85	95	60	80
130	H354	HD 50K MVP	0.16	-0.08	0.18	-0.31
130	11334	% Breed Rank	80	65	25	20
131	H356	HD 50K MVP	0.04	-0.06	0.12	-0.25
131	11300	% Breed Rank	60	75	80	60

50F

			DMI	NFI	FDG	Tend
Sale Lot No.	Animal Ident		Kg/d	Kg/d	Kg/d	KgSF
132	H363	HD 50K MVP	0.1	-0.09	0.17	-0.3
152	11505	% Breed Rank	70	60	30	25
133	H364	HD 50K MVP	0.15	-0.06	0.18	-0.21
155	11304	% Breed Rank	80	75	25	85
134	H371	HD 50K MVP	0.3	0	0.17	-0.27
134	11371	% Breed Rank	95	95	30	45
135	H384	HD 50K MVP	0.08	-0.08	0.16	-0.3
155	11304	% Breed Rank	70	65	40	25
136	H410	HD 50K MVP	0.04	-0.08	0.15	-0.27
150	11410	% Breed Rank	60	65	50	45
137	H401	HD 50K MVP	0.01	0	0.16	-0.18
157	11401	% Breed Rank	55	95	40	95
138	H405	HD 50K MVP	0.12	-0.1	0.18	-0.3
150	11403	% Breed Rank	75	55	25	25
139	H409	HD 50K MVP	0.03	-0.06	0.13	-0.27
137	11407	% Breed Rank	60	75	70	45
140	H414	HD 50K MVP	0.19	0.01	0.14	-0.22
140	11414	% Breed Rank	85	95	60	80
141	H420	HD 50K MVP	0.16	-0.08	0.18	-0.31
141	11420	% Breed Rank	80	65	25	20
142	H423	HD 50K MVP	0.04	-0.06	0.12	-0.25
142	11423	% Breed Rank	60	75	80	60

Raff Angus - WHERE PERFORMANCE IS REAL - NOT JUST A NUMBER

### Raff Angus - BRED BY CATTLEMEN - NOT BY COMPUTERS

### Raff Angus Easy Guide - EXPLANATION NOTES

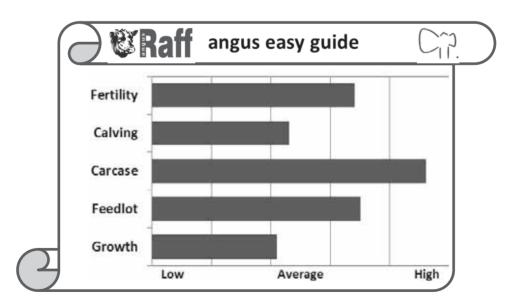
With the increasing amount of information available about the genetic potential of Raff Angus genetics we have felt for some time that there is a need for combining all of what <u>we</u> consider the most relevant information into a more simple and easy to read quick reference format.

The Raff Easy Guide is designed to simplify the bull selection process by including data into five main traits; GROWTH, FEEDLOT, CARCASE, CALVING & FERTILITY; and displaying it in a bar graph format. This simply means the longer the bar the better the bull for those group of traits.

These rankings are determined from within the full group of 184 Raff Angus bulls born in 2012. From this group 142 have been selected for sale. In reading the Raff Easy Guide it is important to remember that the rankings are from within the group of 184 bulls with each bar indicating where the animal ranks for each trait within the entire group of Raff bulls. This Raff Easy Guide is only relevant to our herd.

#### All the EBV's, \$Index Values and Raw Data information is still displayed in the catalogue.

- **Growth** Calculated from all the growth traits plus actual adjusted daily weight gain
- **Feedlot** Calculated from feed efficiency and feedlot daily gain traits
- Carcase Calculated from marbling, tenderness, carcase weight, EMA, IMF% and fat traits, including the actual scanning data for EMA and IMF%
- **Calving** Calculated from calving ease and gestation length traits, actual birth weight and phenotypic assessment (individual shape with pedigree assessment)
- Fertility Calculated from scrotal size and dams days to calving interval traits as well as actual scrotal measurement



The above sample indicates that this bull has excellent carcase traits, above group average for fertility and feedlot traits and around average for growth and calving ease compared to the other bulls within the total group.

### **EBV LIST**

The below EBV's have had incorporated within them the HD50k for Angus genomic information, all Ultrasound Scanning information, scrotal and frame score measurements along with the actual weights taken since birth through to now. For accuracy % go to www.angusaustralia.com.au where they can be found under the EBVsearch link.

We at Raff Angus pride ourselves on the accuracy and integrity of the information recorded.

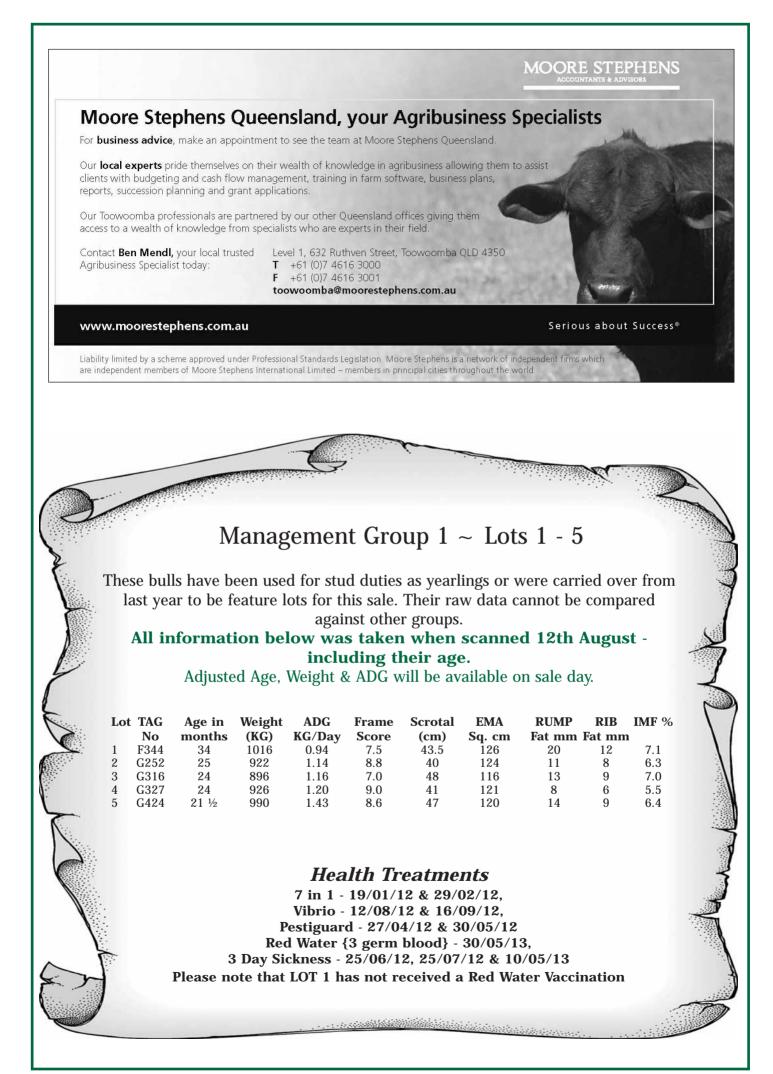
vve	αι κά	ui Ail	gus pi	i iue (	Juise	ives	ont	ne ac	curac	y anu	integ	inty OI	the li		ation	record	eu.			
lot	IDENT	AGE	GL	BW	200D	400D	600D	MILK	MCS	SS	CWT	EMA	Rib	Rump	RBY%	IMF%	CAAB	HGS	DOM	TERM
1	F344	34	-3.4	5.5	47	90	106	17	90	4.6	63	2.8	0.9	1.9	-1	2.1	\$116	\$86	\$81	\$71
2	G252		-2.9	9.2	64	109	136	16	147	1.7	82	7.7	-1.7	-1.8	1.8	0.8	\$113	\$110	\$98	\$105
3	G316	36	-1.2	7.9	43	86	107	11	110	4	60	5.3	-1.4	-0.1	1	0.9	\$98	\$87	\$77	\$81
4	G327	36	0.1	9.4	47	73	106	13	127	-0.6	58	2	-2.3	-2.9	1.2	-0.2	\$57	\$62	\$48	\$74
5	G424	33	0	9.7	61	107	129	11	148	3.1	77	3	-1.7	-0.7	0.2	1	\$83	\$78	\$72	\$87
6	H8	18	-0.3	5	36	72	93	7	90	0.3	50	-0.1	-1.6	-0.9	-0.5	0.5	\$70	\$58	\$52	\$57
7	H11	18	-5.5	5.9	55	101	127	5	143	2.5	78	6.4	-2.2	-2.3	1.6	0	\$93	\$101	\$88	\$95
8	H18	18		6.6	38	69	87	12	77	0.7	48	1.8	-0.7	-0.8	0.7	0.5	\$75	\$67	\$61	\$62
9	H19	17	-1.4	5.7	47	88	114	11	133	1	69	0	-2.8	-2.4	0.4	0.5	\$80	\$80	\$69	\$74
10	H22	17	-4.2	6.6	60	105	138	6	142	2.4	87	8.5	-2.2	-1.5	2	-0.1	\$107	\$115		\$107
11	H23	17	-3.7	6	55	98		11	118	1.8	79	8.5	-2.2	-3.1	2.8	-0.1	\$101	\$108	\$95	\$99
12	H25	17		7.4	40	61	86	9	96	-0.8	47	3.1	-1.6	-1.7	1.5	0.1	\$59	\$59	\$48	\$65
13	H26	17		9.3	44	80	101	9	109	1.3	51	2.7	-1.1	-1.2	1	0	\$68	\$71	\$63	\$72
14	H27	17		8.6	51	92		13	126	1.8	68	5.7	-2.2	-2.8	2.7	-0.4	\$81	\$93	\$81	\$93
15	H31	17	-0.5	5.9	42	76	104		105	1.5	60	3.9	-1.2	-2	0.3	0.5	\$84	\$75	\$61	\$72
16	H32	17 17	-2	8.2	54 50	97 00	137		161	1.2	81 05	6.6 4 E	-3.5	-2.7	2.4 1 E	-0.4	\$90 ¢107	\$101 ¢115		\$105 \$107
17 18	H33 H34	17 17	-2.1 -2.3	7.9 7.2	58	99 92		17 5	141 145	2.3 2	85 72	6.5 3.7	-1.5 -3.1	-2.6 -3.2	1.5	0.9	\$127 \$84	\$115 \$87	\$89 \$74	\$107 ¢05
10	пз4 Н47	17	-2.3	7.z 3.9	46 34	92 66	79	5 5	145 68	2 3	41	3.7 1.9	-3.1 1.8	-3.2 1.8	1.4 -1.1	0.3 1.6	ъо4 \$85	<sub>\$61</sub>	\$74 \$55	\$85 \$51
20	H54	17		5.9 6.7	34 44	75	90	10	93	3 1.8	50	0.5	-2.3	-1.2	0.4	0.4	\$66	\$63	\$60	\$60
20	H56	17		8	55	73 96	134	10	73 144	0.7	78	6.1	-3.1	-3.4	1.9	0.4	\$00 \$105	\$100		\$00 \$100
21	H60	17		6.1	34	63	73	9	59	0.7	45	3.6	-1.2	-0.9	1.7	0.0	\$62	\$58	\$58	\$56
23	H61	17	-2.3	6.3	38	66	84	, 12	89	-0.4	48	2.2	-1.3	-1.5	0.8	0.9	\$71	\$60	\$54	\$60
24	H63	17	-0.7	7.5	45	76	94	16	96	1.2	56	2.4	-1.5	-1.2	0.6	0.4	\$72	\$67	\$63	\$66
25	H64	17	-3.4	4.3	46	80	111	8	109	0.2	68	6	-2.5	-2.8	1.8	0.8	\$103	\$94	\$76	\$86
26	H66	17																		
27	H68	17	-4.1	4.6	50	89	112	4	122	2.7	68	4.7	-1.2	-1.5	0.8	0.7	\$89	\$85	\$74	\$81
28	H70	17	-3.9	6.4	52	96	127	5	138	2.4	77	5.4	-2.6	-2.6	1.7	0.3	\$96	\$98	\$81	\$94
29	H71	17		5.6	40	69	94	14	85	0.6	44	4.1	-0.9	-0.5	1.4	0.5	\$87	\$80	\$67	\$73
30	H73	17	-2.7	6.5	48	84	116	13	124	2.7	72	5.1	-0.6	-0.7	0.9	0.5	\$94	\$90	\$72	\$85
31	H74	17	-1.9	6.8	48	91	128	10	138	1.8	77	9.1	-1.6	-1.9	2.6	0	\$103	\$110	\$86	\$104
32	H77	17	-2.9	5.2	50	97	125	20	117	3.2	82	5.3	-1.5	-1.4	0.9	0.4	\$107	\$100	\$89	\$90
33	H81	17	-1.1	6.8	39	70	88	14	88	3.3	43	1.1	1.1	2.1	-1.1	1.4	\$82	\$63	\$56	\$57
34	H84	17		6.3	41	82	108	10	118	0.1	66	7.3	-2.6	-3.1	2.5	0.4	\$94	\$93	\$79	\$88
35	H89	17		9.7	50	85		13	104	2.7	54	3.2	-0.9	-0.1	0.5	0.5	\$69	\$67	\$64	\$71
36	H90	17	-2.8	6.5	46	87		11	135	2.1	71	6	-0.9	-0.8	1.2	0.2	\$101	\$101	\$77	\$94
37	H92	17		8.4	56	95	114		101	-0.6	71	2.8	-2.7	-2.6	1.2	0.3	\$86	\$78	\$76	\$81
38	H95	17		5.3	46	86	122		134	-0.1	79	7.7	-4.2	-4.6	3	0.1	\$99	\$101	\$80	\$98
39	H99	17	-1.7	5.9	38	73	85	15	74	1.1	49	1.5	0.1	0.3	-0.1	1.4	\$86	\$64 *55	\$64	\$58
40	H101	17 17	-1.6	5.3 F	35 50	62 02	76 114	16 15	72	2.1	42 72	0.3	1.1	1.2	-1	1.8	\$82 ¢07	\$55 ¢07	\$52	\$48 ¢70
41	H105		-3.2	5	50	92 74	114		113	1.9	73	2.1	-2.4	-2.8	0.9	0.8 0.5	\$97 ¢04	\$87 ¢77	\$81 ¢E0	\$79 ¢72
42	H110			6.1	44 54	76 09		7 10	119 147	1.2	57 71	0.7	-1.9 2 5	-1.3	0.1	0.5	\$84 ¢07	\$77 \$04	\$59 ¢70	\$72 \$04
43	H111 H112		 2 0	7.7 4.4	54 40	98 71	135 91	12 7	147 01	0.9	71 55	1.8 4 0	-3.5 2.9	-3.6 3.6	1.6 2.2	0.4	\$97 \$74	\$96 \$72	\$78 \$65	\$94 \$72
44	H112		-3.2	4.4 9.6	40 59	71 106	138		91 155	-0.9 1.3	55 81	4.9 3.8	-2.8 -3.7	-3.6 -4.3	2.2 1.9	0.2 0.1	\$74 \$94	\$73 \$98	\$65 \$84	\$72 \$99
40	11110	10		7.0	74	100	130	U	100	1.3	υI	5.0	-J.7	-4.3	1.7	0.1	ψ74	ψ70	φ04	ψ77

## **EBV LIST**

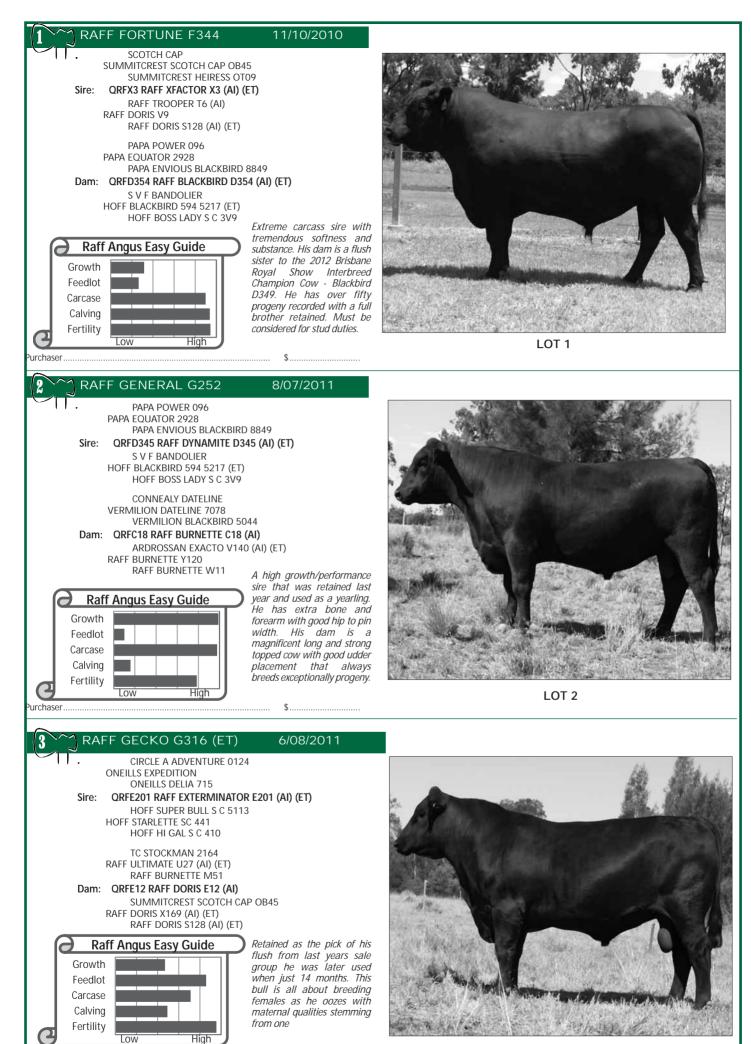
lot	IDENT	AGE	GL	BW	2000	400D	600D	MILK	MCS	SS	CWT	EMA	Rib	Rump	RBY%	IMF%	CAAB	HGS	DOM	TEDM
lot																				
46	H30	17 12	-0.6 2 7	7 7	50 50	76 104	109	14 17	106	1	62 02	2.3 7	-0.6	0.3	-0.4 1 0	0.7	\$86 ¢121	\$74 ¢112	\$58 ¢00	\$73 \$104
47 48	H385	12 12	-2.7	7	59 52	106 89	135 115	17 18	133	1.3 2.4	83 71	7 4.8	-1.8	-1.2 -0.1	1.8 1	0.8 0.9	\$121 \$108	\$113 \$97	\$99 \$85	\$104 \$04
40 49	H349 H340	12	-2.4 0.8	6 10.4	52 56	09 101	129	13	106 136	2.4 3.2	71 76	4.0 5.6	-0.9 -1.4	-0.1	1.4	0.9	\$100 \$91	, \$92	\$80	\$86 \$95
49 50	H350	12	-0.8	7.6	50 42	76	129	15 15	87	3.2 3.4	70 55	5.0 5.9	-1.4 -1.8	-1.5 -1	1.4	0.3	\$93	₽92 \$87	\$00 \$74	\$90 \$77
51	H361	12	-0.4	8.4	42 55	89	115	13	105	0.9	70	6	-0.9	-1.6	1.5	0.4	\$97 \$97	\$86	\$74 \$76	\$ <i>8</i> 5
52	H372	12	-1.1	7.2	40	73	97	16	82	4.2	48	4.6	-0.9	-0.2	1.1	0.7	\$94	\$83	\$70	\$74
53	H375	12	-0.4	9.2	58	91	120	11	121	0.2	75	7.7	-1.8	-1.6	1.8	0.4	\$98	\$93	\$79	\$94
54	H433	12	-1.7	7.7	53	82	107	17		1.8	67	5	-1.2	-0.8	1.3	0.7	\$93	\$86	\$75	\$82
55	H121	12	-0.8	9	60	104	131	16	140	2.3	78	4.1	-1.6	-1.4	0.4	1	\$101	\$91	\$81	\$91
56	H269	13	-2.3	5.8	50	91	112	13	96	1.9	68	4.8	0.3	0.6	0.5	1.7	\$118	\$93	\$85	\$83
57	H310	13	-1.7	6.9	54	97	123	17	119	1.6	77	6.7	-1.1	-1.9	1.5	1.2	\$118	\$105	\$93	\$94
58	H319	12	-0.9	8.6	53	86	116	12	117	0.1	65	4.7	-1.5	-1.6	1.6	0.2	\$89	\$88	\$74	\$87
59	H261	13	-1.4	5.8	48	82	107	12	108	2.4	67	5.5	-2.7	-2.1	1.9	0.2	\$87	\$88	\$75	\$83
60	H274	13	-2	5.3	47	82	106	15	99	0.9	63	4.1	-0.7	-0.5	1.1	0.7	\$95	\$86	\$75	\$79
61	H127	15	-5.4	3.8	48	89	112	10	105	5	72	8.5	-0.9	-0.6	1.8	0.4	\$107	\$107	\$92	\$91
62	H129	15		10.4	64	110	134	13	143	1.1	77	1.9	-0.9	-0.9	0.4	0.6	\$91	\$88	\$82	\$90
63	H130	15		0.9	25	52	58	12	36	2.6	35	0.5	1	2.3	-1.3	1.8	\$77	\$49	\$49	\$36
64	H135	15		9.1	58	98	122	21	113	0.1	75	5.5	-2.5	-2.5	2	0.2	\$94	\$91	\$85	\$93
65	H140	14		6.7	44	93	124	11	133	3.4	72	3.8	-3	-2.6	1.3	0.1	\$92	\$94	\$78	\$88
66	H144	14		7.4	49	90	116	14	137	0.6	69	5.3	-1.5	-0.7	1.2	0.5	\$90	\$92	\$79	\$87
67	H145	14	-4	3.2	40	67	91	6	103	2.2	58	5.2	-2	-1.8	1.6	-0.1	\$68	\$77	\$62	\$71
68	H146	14	-3	4.9	45	84	112	14	110	2.4	73	5.8	-1.8	-2	1.8	0.6	\$102	\$96	\$81	\$87
69 70	H147	14		5.8	44	75	102	16	100	1.1	62	3.1	-1.6	-1.9	0.6	0.6	\$86 ¢00	\$77 ¢04	\$65	\$71 ¢00
70	H153	14	 1 F	5.9	47	92 ( 0	116	7	112	2	74	6.4	-2.2	-2.8	1.9	0.4	\$98 ¢70	\$94	\$82	\$89 ¢77
71 72	H155 H156	14 14	-1.5 -1.8	7.2 6	41 46	68 87	86 115	11 5	75 126	0.7 1.1	49 75	4.7	-0.9 -3.4	-0.7 -3.9	1 2.8	0.7 -0.5	\$78 \$82	\$66 \$92	\$59 \$78	\$66 \$92
72	H158	14 14	-3.3	6 5.5	40 49	86	110	5 10	120	3.1	75 69	7.6 5.3	-3.4 -0.8	-3.9 -1.5	2.0 1.2	-0.5	ъо∠ \$96	₽92 \$92	\$70 \$79	₅92 \$82
74	H163	14	-3.1	5.1	49	76	108	11	101	-0.5	66	6.2	-2.6	-2.8	1.9	-0.1	\$88	\$89	\$71	\$84
	H164			7.7	44	73	99		110	1.8	55	3.6	-1	-0.4	0.8	0.3	\$70	\$70	\$56	
	H171		-4.1	5	48	86	116		128	3.6	72	6.7	-1.6	-2.4	2.3	0	\$90	\$100	\$80	\$91
	H173		-2.9	4.9	45	86	109		100	1.5	66	5.6	-1.7	-2.4	1.7	0.3	\$93	\$88	\$78	\$83
78	H174	14	-0.8	9.3	52	98	119	5	128	0.5	70	3.3	-3.6	-3.7	1.7	0	\$72	\$75	\$70	\$85
79	H175	14	-1.1	8.6	45	78	106	11	119	1.1	53	3.5	-2.5	-2.1	1.1	0	\$74	\$78	\$64	\$76
80	H178	14	-1.4	7.2	41	67	89	9	102	1.5	52	2.4	-1.7	-1.8	1	0	\$58	\$62	\$52	\$64
81	H180	14	-2.7	6.1	41	79	108	13	114	0.8	57	2.1	-0.4	-0.7	-0.3	1.1	\$90	\$72	\$60	\$71
82	H182	14		4	36	74	99	12	98	1	60	3.1	-0.3	-0.8	0.7	1.1	\$93	\$78	\$66	\$71
83	H187	14		8	53	88	112	7	122	0.3	67	2.1	-0.9	-0.9	0.2	0.6	\$80	\$74	\$65	\$76
84	H188		-4.3	3.6	45	81	107	11	108	1.1	69	8.3	-0.9	-1.1	2.3	0.3	\$98	\$102	\$84	\$89
85	H189			8.6	51	86	112		114	1.9	64	2.7	-2	-1.5	0.8	0.9	\$89	\$79	\$68	\$79
86	H194		-4.9	4.9	53	96	122		124	1.3	76	7.8	-2.7	-2.4	2.1	-0.1	\$97	\$104	\$90	\$95
87	H196			7.6	42	73		12	112	2	52	-0.7	-2.1	-1.8	-0.1	0.7	\$71	\$64	\$52	\$63
88	H201			7.7	41	66		11	95 101	1.2	47	0.6	-1.4	-1.8	1	-0.2	\$63	\$64	\$50	\$67 ¢02
89 00	H203		-5.1	4.9	47 45	87 72	114	4	121	1.4	77	8.6	-1.6	-1.9	2.4	0	\$91 ¢50	\$96 ¢54	\$79 ¢45	\$93 ¢()
90 01		14 14	 01	8 7 1	45 54	72	97 114	9 14	117 101	0.7	55 71	-0.2	-2.5	-2 2 0	0.3	0.1	\$50 \$02	\$54 ©05	\$45 ¢04	\$62 ¢00
91 02		14 14	-2.1	7.1	56 27	91 67		14 12	101 93	1.7 -0.3	71 52	5.1 2.6	-2.4 -1.4	-2.9 2 1	2.2 1	-0.1 0.7	\$92 \$91	\$95 \$60	\$84 \$55	\$89 \$60
92 93	H209 H211	14 14		6.6 5.5	37 42	67 82	96 108	13 11	93 115	-0.3 1.5	52 68	2.6 6.2	-1.4 -1.6	-2.1 -1.2	1 1.5	0.7 0.3	\$81 \$90	\$69 \$89	\$55 \$75	\$69 \$83
93 94	H213			5.5 7.1	42 39		95	12	110	1.5	00 54	0.2 1.9	-1.0	-1.2	0.9	0.3	\$90 \$69	ъо9 \$68		<sup>\$03</sup> \$67
77	11210				57	, 0	,0	. 2	110		51	/	2.T	1.0	5.7	0.0	Ψ <b>Ο</b> /	<b>400</b>	ΨUΙ	ΨUI

## EBV LIST

lot	IDENT	AGE	GL	BW	200D	400D	600D	MILK	MCS	SS	CWT	EMA	Rib	Rump	RBY%	IMF%	CAAB	HGS	DOM	TERM
95	H219	14		8.5	46	72	104	14	111	0.2	60	3.8	-1.2	-2.2	1.7	-0.2	\$68	\$74	\$58	\$78
96	H220	14	-2.3	6.4	48	88	116	8	122	0.8	68	5	-1	-1.5	1.2	0.4	\$90	\$88	\$74	\$85
97	H226	13		6.4	44	77	91	13	81	2.7	48	0.9	2.2	3.1	-1.7	1.9	\$93	\$65	\$62	\$57
98	H229	13	-3.2	5.6	51	93	123	8	130	1.4	79	10	-2.2	-2.5	2.6	0.1	\$102	\$106	\$88	\$101
99	H230	13	-2.3	5.7	45	80	104	7	107	2.1	64	4.6	-0.4	-0.4	0.5	0.4	\$84	\$82	\$69	\$75
100	) H233	13		5.5	41	72	90	12	87	-0.2	53	2.9	-1.7	-1.6	1.4	0.5	\$79	\$72	\$66	\$68
101	H234	13		3.8	31	52	68	8	79	-0.1	42	-0.1	-1.8	-1.5	-0.2	0.4	\$47	\$42	\$37	\$42
102	2 H235	13		6.4	47	84	104	12	109	0.7	61	3.6	-1.5	-0.7	0.7	0.6	\$86	\$79	\$72	\$75
103	3 H237	13	-0.8	8.5	48	81	110	9	122	1	57	0	-1.7	-1.6	0.2	0.9	\$74	\$64	\$53	\$72
104	H239	13		4	39	76	102	9	90	1.4	63	6.9	-1.4	-2	1.8	0.6	\$100	\$91	\$76	\$81
105	5 H241	13		8.4	51	94	116	11	119	0.4	66	4.8	-2	-1.8	1.7	-0.2	\$82	\$88	\$80	\$87
106	6 H242	13		8.7	50	97	126	11	141	2.4	67	4.8	-3.1	-2.8	2.1	0	\$91	\$97	\$83	\$94
107	'H245	13	-3.3	4.6	45	80	106	8	111	1	66	6	-1.2	-0.8	1.7	0	\$83	\$89	\$73	\$83
108	3 H247	13	1.3	10.3	46	78	108	11	121	2.6	56	2.8	-0.9	0	0.4	0.3	\$71	\$69	\$55	\$75
	9 H252	13	-6	3.8	47	97	119	9	112	4.4	68	5.5	0.3	0.4	0.5	1.1	\$113	\$100	\$89	\$87
	) H258	13	-2.8	9.4	56	101	128	6	129	3.5	68	5.7	-1.8	-1.9	1.6	0	\$88	\$92	\$80	\$95
	H259	13		6.9	46	83	99	9	105	-0.5	61	4.4	-2.5	-2.5	1.5	0.2	\$77	\$75	\$72	\$74
	2 H270	13	-0.9	7.9	49	77	103	14	103	1.5	58	2.1	-2.4	-1.5	0.6	0.4	\$79	\$70	\$61	\$72
	3 H273	13	-3.4	6.2	48 5 (	86	111	7	108	4.2	68	6.7	-1.4	-0.9	1.3	0.5	\$98	\$92	\$78	\$85
	H278	13		8.7	56	99 0(	126	13	136	0.9	73	5.9	-3	-3.5	2.4	0.2	\$97 ¢07	\$100	\$88 ¢02	\$97
	5 H280	13	-3.6	7.2	52	96 50	125	4	139	4.1	72	5.5	-2.4	-2.7	2.1	-0.2	\$87 ¢00	\$100	\$83	\$94 ¢72
	6 H282	13	 2	3.2	30 50	59 80	80 117	16	79 122	0.2	44	4.7 E 0	-1.4	-0.6	1 1 E	0.7	\$80 ¢07	\$71 ¢04	\$60 ¢70	\$62
	7 H283 3 H293	13 13	-2 	6.9 3.7	50 40	89 74	117 92	8 7	133 80	1.3 1.3	70 58	5.8 4.5	-1.9 -0.7	-1.9 -1.1	1.5 0.4	0.6 1.5	\$87 \$101	\$84 \$78	\$70 \$70	\$88 \$67
	H304	13	-1.9	7.7	40	85	106	, 13	104	0.5	62	4.5	-2.2	-1.6	1.5	0.2	\$85	\$83	\$76	\$80 \$80
	) H309	13	-4.4	6.5	51	90	120	6	129	4.7	65	5.4	0.3	0.7	0.5	0.2	\$100	\$95	\$76	\$88
	H315	13		6.9	43	75	97	11	107	1.4	57	4.2	-2.5	-1.9	1.7	-0.1	\$70	\$77	\$66	\$74
	2 H323	13	-3.8	6.3	49	79	105	12	97	0.9	52	1.5	0.1	-0.6	0.1	0.9	\$91	\$78	\$66	\$71
123	3 H326	13	-4	6.5	45	77	95	14	77	2	46	1.5	2.2	2.6	-1.4	2	\$105	\$72	\$66	\$62
124	H329	13	-1.3	6.9	49	90	111	10	112	-0.3	72	4.4	-2.4	-2.4	1.6	0	\$78	\$79	\$73	\$82
125	5 H330	12		6.5	50	95	115	15	106	1	66	3.1	-2.8	-2.9	1.2	0.3	\$93	\$87	\$84	\$81
126	6 H336	12	-5	5.8	49	83	104	15	93	0.5	59	3.9	0.7	1.2	0.1	1.7	\$110	\$86	\$77	\$76
127	′H338	12	-3.2	3.7	44	83	99	7	94	1.5	66	3.2	-0.9	-0.3	-0.1	1.7	\$103	\$79	\$74	\$69
128	8 H341	12	1.2	10.9	43	75	105	5	130	3.5	56	4.3	-2.6	-1	1.5	-0.4	\$54	\$67	\$50	\$78
129	9 H351	12	-2.6	8.6	57	100	124	12	117	2.4	69	1.5	-1.6	-0.8	0	1.1	\$103	\$88	\$80	\$83
130	) H354	12	-4.1	3.1	43	75	102	8	93	3.5	61	4.5	-0.1	0.5	0.1	0.8	\$94	\$83	\$67	\$73
	H356			8.8	52	102	132	16	126	1.3	73	2.8	-2.6	-3.6	1.1	0.3	\$99	\$91	\$82	\$90
	2 H363			2.8	40	82	104	15	91	1.8	62	2.5	-1.6	-1.3	0.8	1.2	\$105	\$87	\$78	\$74
	8 H364	12		3	41	79	103	16	83	3.7	57	1.9	0.1	1.3	-0.6	1.7	\$112	\$85	\$73	\$69
		12		7.7	59	107	133	16	132	1.6	86	3.8	-2.2	-2.5	0.9	0.5	\$101	\$95	\$87	\$92
	5 H384		-3.7	6.2	51	85	114	3	109	1.4	65	5.5	-1	-1.7	1.9	0.2	\$92	\$94	\$76	\$88
		12	-3.9	6.4	47	83	103	13	89	1.8	57	4.2	1.1	2.2	-0.3	1.4	\$103	\$81	\$73	\$74
	' H401		-3.8	6.2	47 54	79 02	99 110	13	85	1.7	55	3.2	0.3	1.4	-0.3	1.2	\$97 ¢104	\$77 ¢05	\$69 ¢70	\$69 ¢00
		11	-3.6	8.1 7	54 51	92 05	112	12	91 90	1.7	62 50	4.5	-0.2	0.2 0.5	0.2	1	\$104 \$100	\$85 ¢00	\$79 ¢74	\$80 ¢75
		11	-3.8 2.0	7 7 1	51 49	85 00	106	13 15	89 05	1.7 2.2	58 57	3.7 2.2	0.3	0.5	0.1	1.1	\$100 ¢00	\$82 \$80	\$74 ¢74	\$75 \$76
	) H414 H420	11 11	-2.9 -1.9	7.1 7.6	48 53	89 92	110 120	15 8	95 129	2.2 1	57 75	2.2 6.3	-1.2 -2.9	-0.8 -3.2	0.4 2.2	1.2 0.2	\$98 \$86	\$80 \$88	\$74 \$75	\$76 \$92
	2 H423		-1.9	7.0 7.5	55 51	92 85		o 13	129	1 1.6	75 62	0.3 2.1	-2.9	-3.2 -1.6	2.2 0.7	0.2	\$79	⊅oo \$80	\$75 \$67	ъ92 \$78
142	. 11423		-1.7	1.5	JI	05	114	15	120	1.0	02	۲.۱	-1.0	-1.0	0.7	0.2	Ψ17	ψΟΟ	ψΟΙ	ΨΙΟ



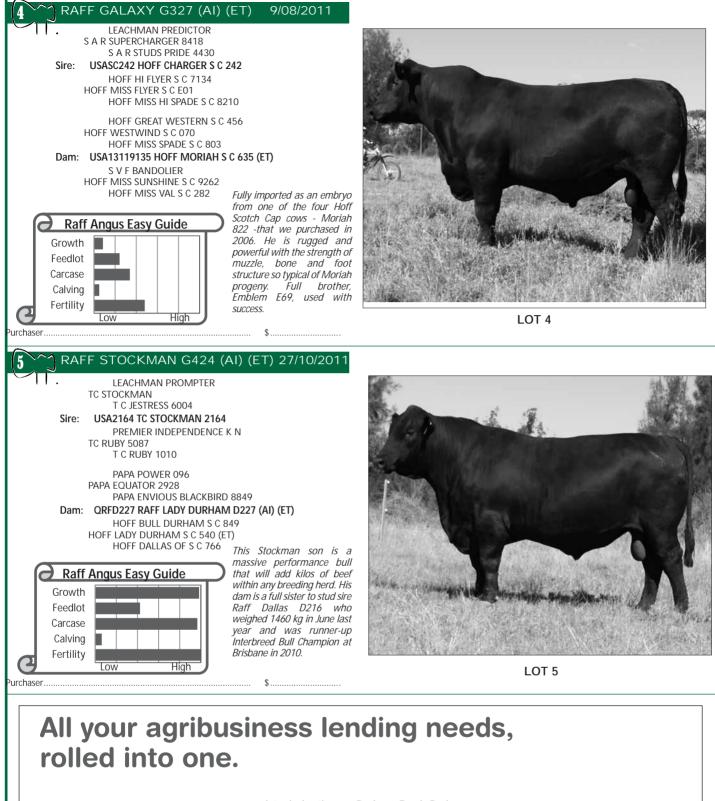
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\$...

Purchaser....

LOT 3





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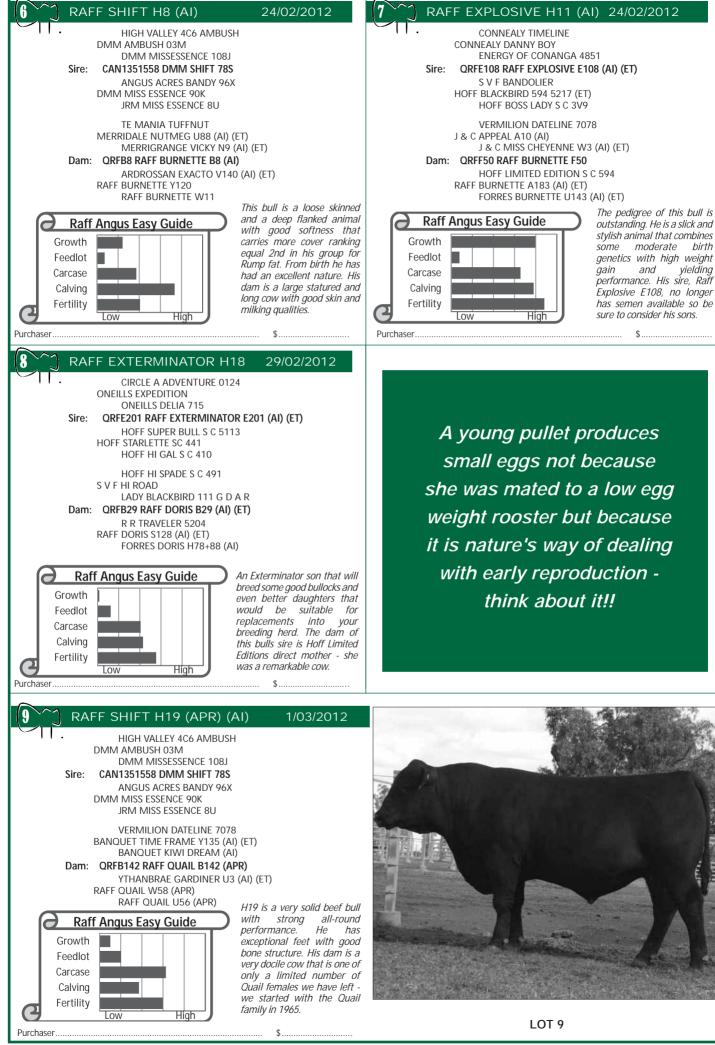
### Management Group 2 ~ Lots 6 - 46

These bulls have been run as one contemporary group since weaning 24th October 2012.

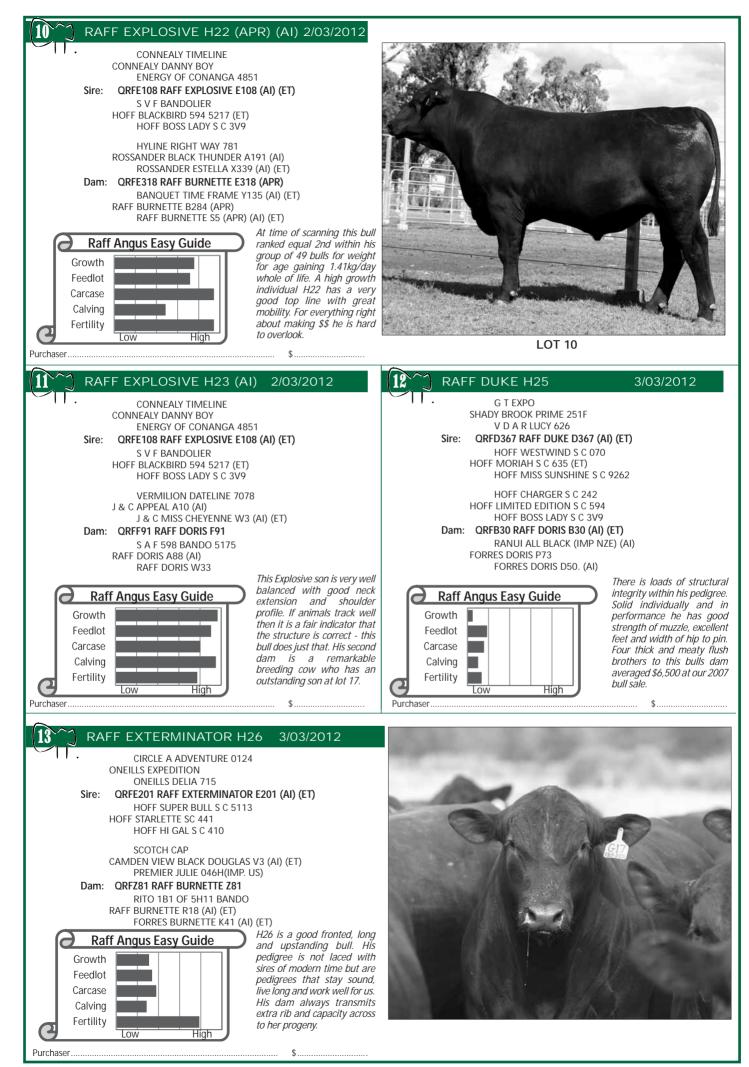
## All information below was taken when scanned 12th August - including their age.

Adjusted Age, Weight & ADG will be available on sale day.

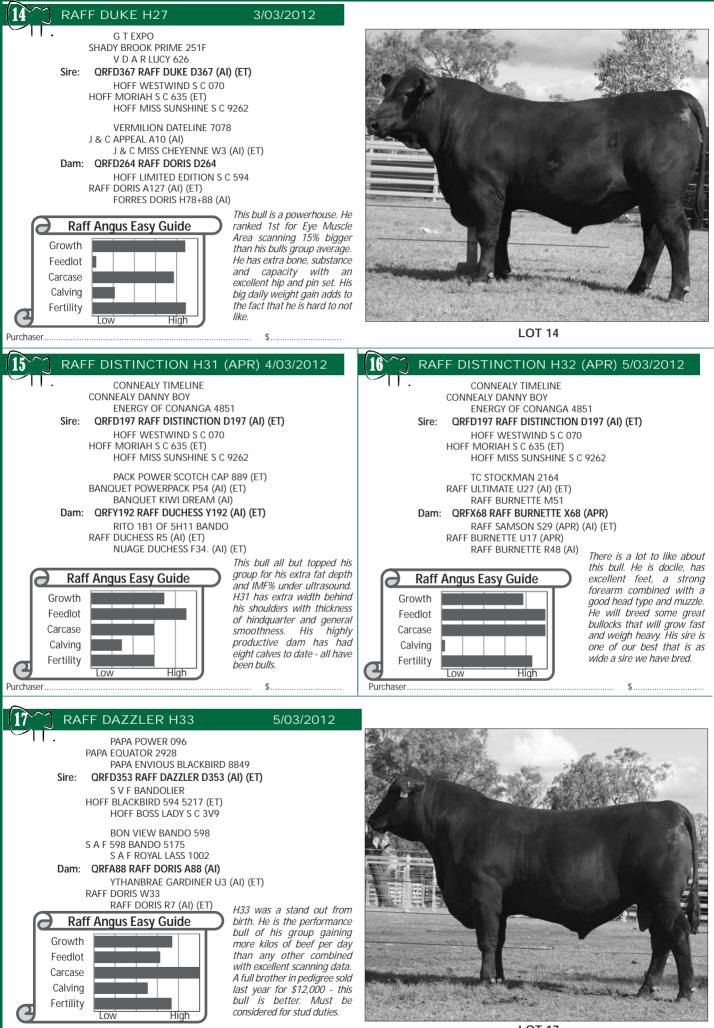
			Age in months	Weight (KG)	ADG KG/Day	Frame Score	Scrotal (cm)	EMA Sq. cm	RUMP Fat mm		IMF %	
	6	H8	17 ½	682	1.20	6.0	37.5	91	12	8	4.7	
7	7	H11	17 ½	736	1.31	6.8	42	100	11	8	6.0	
	8	H18	17 ½	666	1.17	7.1	39	98	10	7	5.1	
	9	H19	17 ½	756	1.36	7.0	42.5	102	10	7	4.8	
	10	H22	17 ½	784	1.41	7.7	40	108	11	7	4.7	
	11 12	H23 H25	17 1/2	640	$\begin{array}{c} 1.14 \\ 1.22 \end{array}$	5.3	37	106	7 8	6	5.4	
	12	H25 H26	17 ½ 17 ½	688 688	1.22	6.7 5.7	37 40	102 105	8 9	6 8	4.7 4.2	
	13	H20 H27	$17 \frac{17}{12}$	754	1.21	5.7 6.7	40 42.5	103	9	8 7	4.2	
1	15	H31	$17 \frac{1}{12}$	712	1.28	6.0	42.5	93	12	10	6.0	
/	16	H32	$17 \frac{1}{12}$	746	1.34	6.9	38.5	109	11	7	3.8	
	17	H33	$17 \frac{1}{2}$	788	1.42	6.8	40	108	11	9	5.8	
	18	H34	17 ½	704	1.26	6.3	41	98	7	5	5.6	
	19	H47	17	572	1.02	5.1	41.5	90	10	8	5.0	
	20	H54	17	664	1.19	6.5	43	92	9	6	5.2	
e	21	H56	17	772	1.40	7.1	38	94	10	6	5.2	
No.	22	H60	17	612	1.09	5.1	38	102	8	6	4.7	
	23	H61	17	638	1.14	6.1	38	90	10	7	5.4	
	24	H63	17	626	1.14	6.7	38	91	8	6	4.8	
	25	H64	17	706	1.29	6.3	39	95	9	7	5.4	
	26	H66	17	740	1.34	7.3	40	108	9	6	4.6	
	27	H68	17	672	1.23	6.4	41	88	10	8	5.8	
	28	H70	17	722	1.33	6.6	40.5	97	7	5	3.8	
	29	H71	17	656	1.19	6.0	39	101	9	7	5.3	
	30	H73 H74	17	712	1.31	6.4	43	105	12	9	5.5	
	31 32	H74 H77	17 17	756 724	$1.39 \\ 1.34$	$\begin{array}{c} 6.5 \\ 6.8 \end{array}$	$\begin{array}{c} 41 \\ 41.5 \end{array}$	111 104	10 11	7 8	4.0 4.2	
	33	H81	17	650	1.54	6.1	41.5	90	11	8 7	4.2	
	34	H84	17	662	1.19	5.8	44 36	90 110	8	6	5.0	
No.	35	H89	17	622	1.13	5.8 6.4	30 41	97	9	6	4.1	
X:	36	H90	17	756	1.41	6.0	38.5	108	14	10	5.3	
New	37	H92	17	712	1.31	6.9	37	100	7	5	4.9	
No.	38	H95	17	710	1.32	5.2	37	110	8	6	4.6	
	39	H99	16 ½	638	1.19	6.0	38	95	8	6	5.0	
	40	H101	16 ½	628	1.17	6.4	40	91	9	7	6.1	
	41	H105	16 ½	686	1.29	6.9	43.5	93	8	6	5.1	
		H110	16 ½	680	1.29	6.6	38	94	10	7	5.2	
<b>\</b>		H111	16 ½	694	1.31	7.1	38	94	7	5	4.8	
\\		H112	16 ½	626	1.18	7.0	34.5	96	6	5	5.1	
<b>\</b>		H118	16	714	1.39	6.4	41.5	104	5	5	5.0	
	:46	H30	17 ½	676	1.20	6.3	41	96	11	7	6.3	
	G	Group 2 AV	17 mths	692 kg's	1.26 kg/day	6.4 Frame	39.7cm Scrotal	99.5 EMA	9.3mm Rump	6.8mm Rib	5.0% IMF	
1					He	alth Tr	eatmen	ts	-			
							on -15/04					
1	1						12 & 24/1					
5				1			blood} - 1					
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				C.								



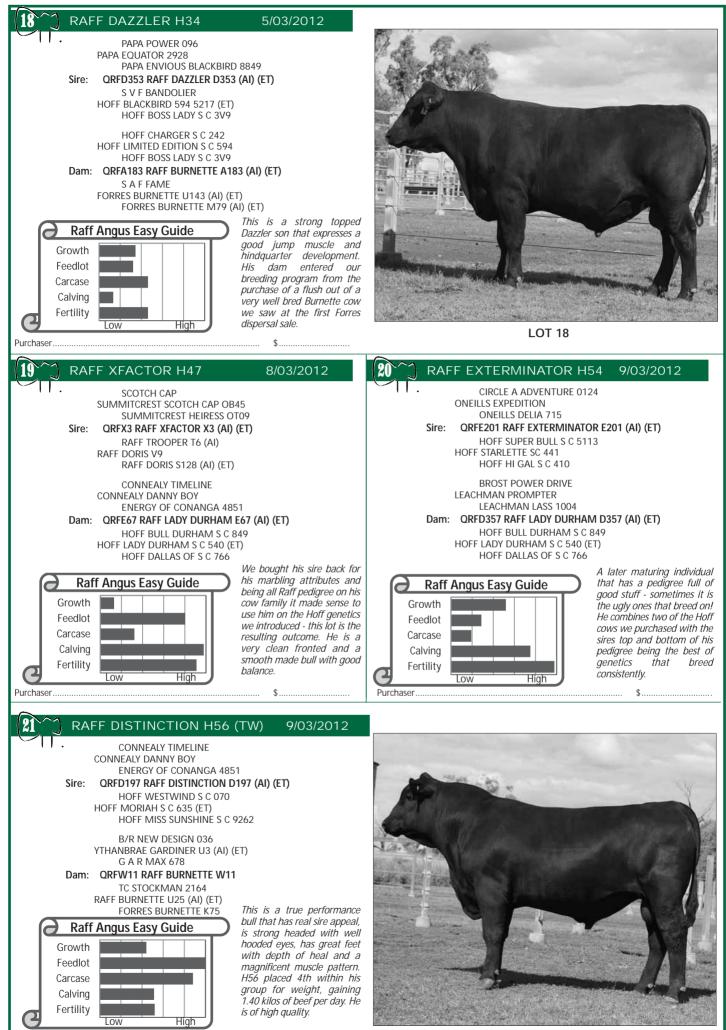
Page 22



Page 23



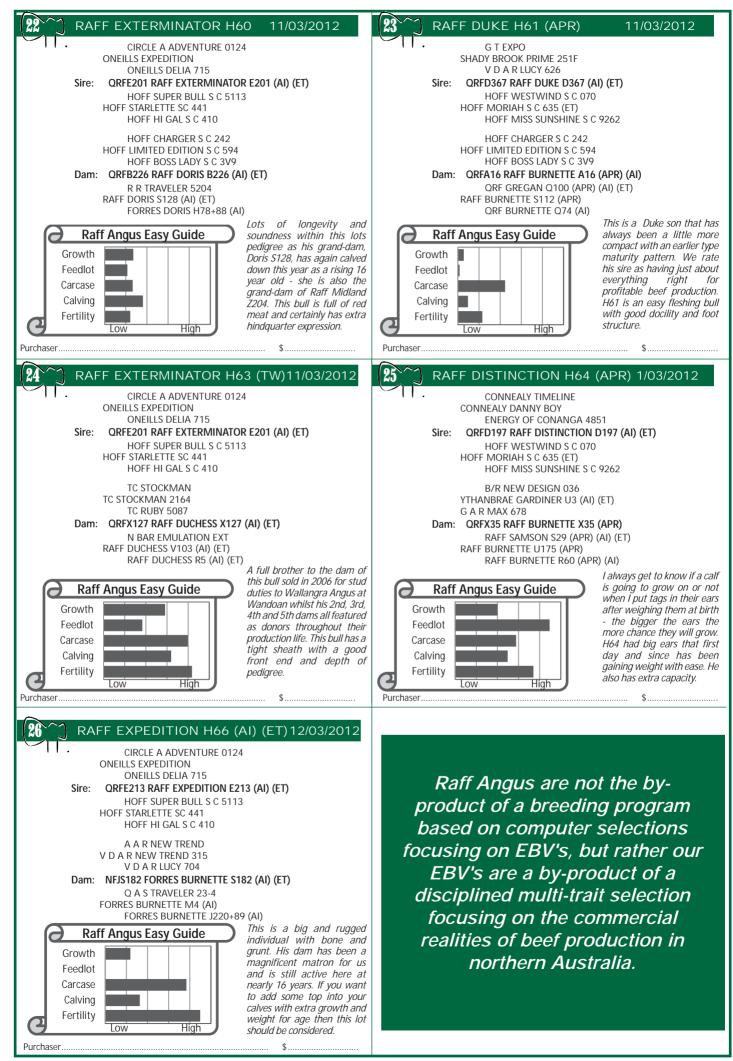
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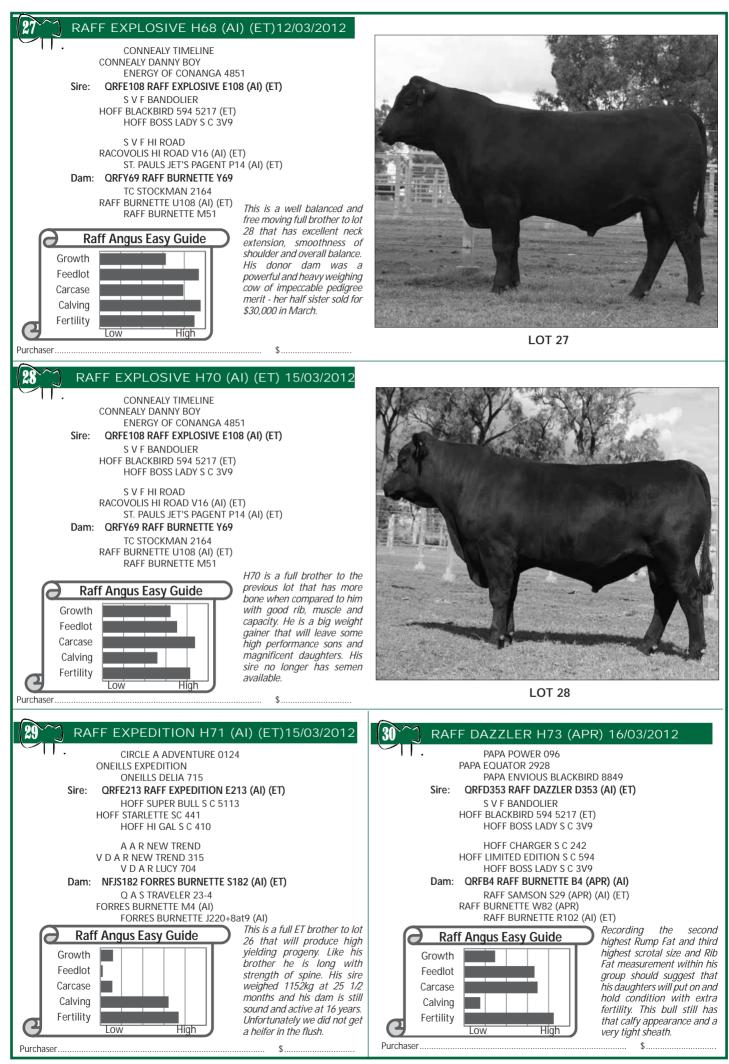


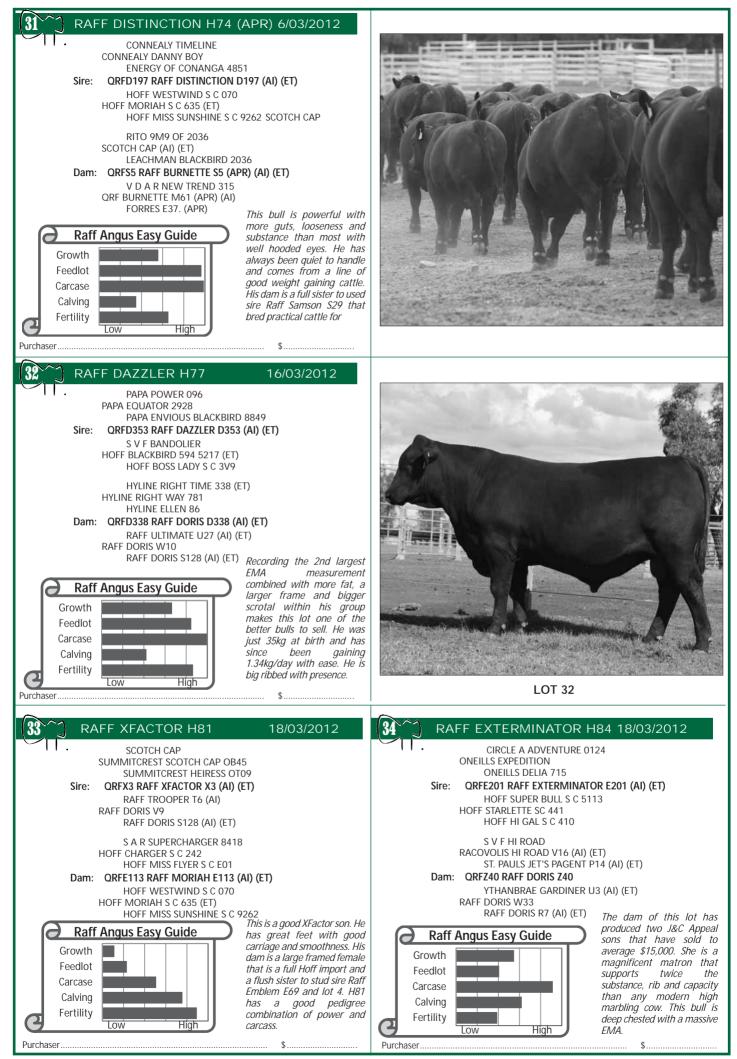
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Purchaser.

LOT 21



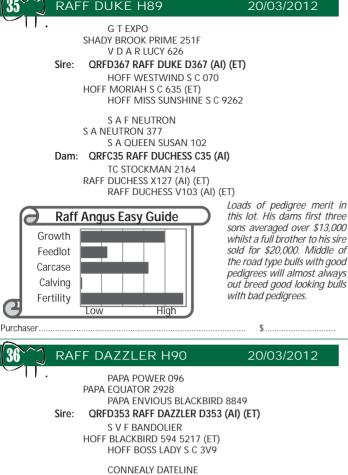




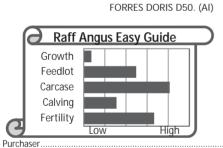
Page 28



#### 20/03/2012



**VERMILION DATELINE 7078** VERMILION BLACKBIRD 5044 Dam: QRFD66 RAFF DORIS D66 (AI) (ET) RANUI ALL BLACK (IMP NZE) (AI) FORRES DORIS P73



37

H90 is loaded with red meat. He always stands with a wide base and has shown to be an easier doing type - reflected by his high Rib/Rump scan. From birth he has been a massive performer who ranked equal 2nd for weight gain at scanning when at 510 days weighed 756 kgs.

Bulls are great thinkers and have wonderfully retentive memories. They must not be played with, teased or ill-used.



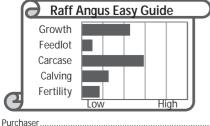
LOT 36



21/03/2012



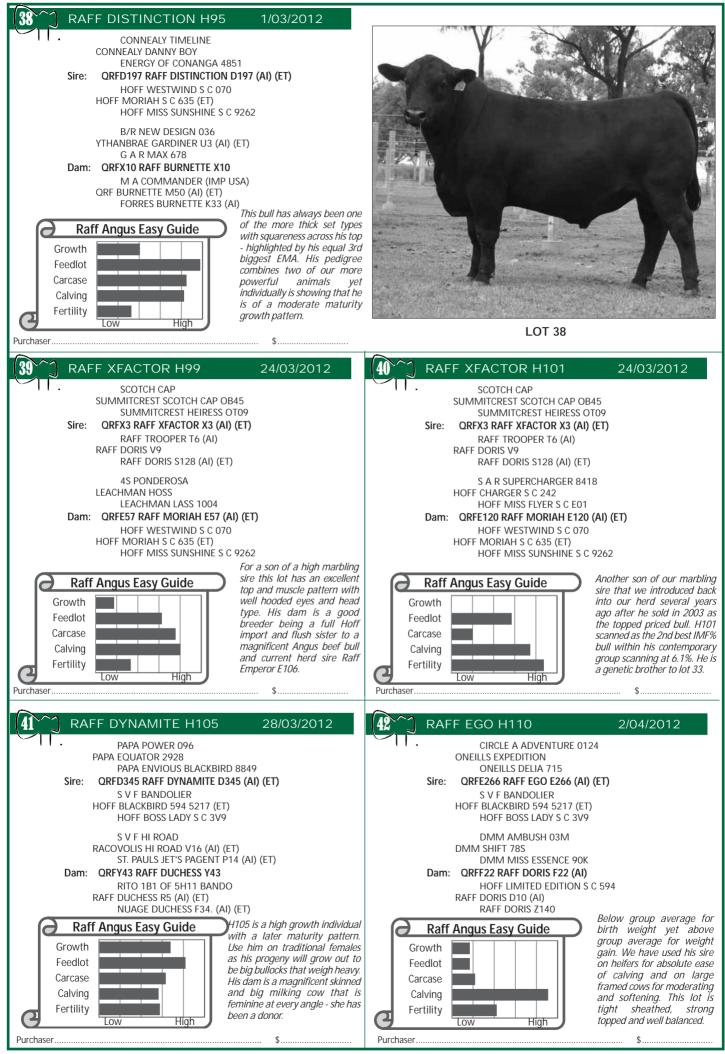
Dam: QRFE27 RAFF DORIS E27 (AI) S A V BANDOLIER 1916 RAFF DORIS C41 (AI) (ET) FORRES DORIS R131



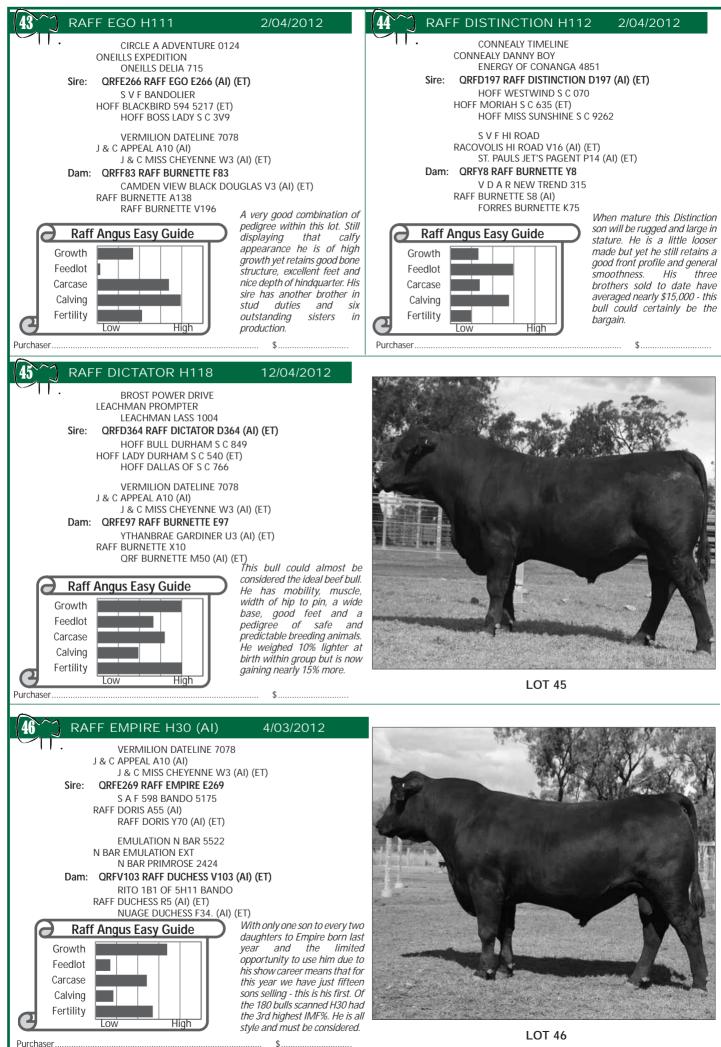
I have always liked the style and shape that this bull has shown. He has a very good top line with depth of hindquarter and general smoothness. His dam is the crankiest cow at calving - we never enjoy the task of weighing her newborns. This bull is hard to fault.

\$.





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## Australia's most aclaimed Show Bull 2011/12 Raff Empire E269 - his first sons sell Lot 46-60





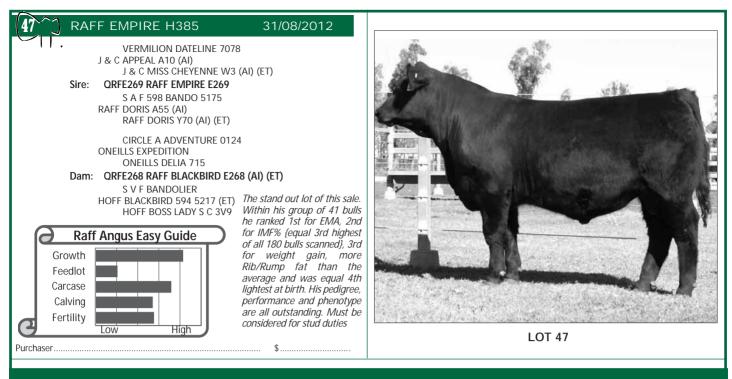












### The power of the pedigree - the strength of his maternal line...



HOFF BLACKBIRD 5217 Grand Dam to Lot 47



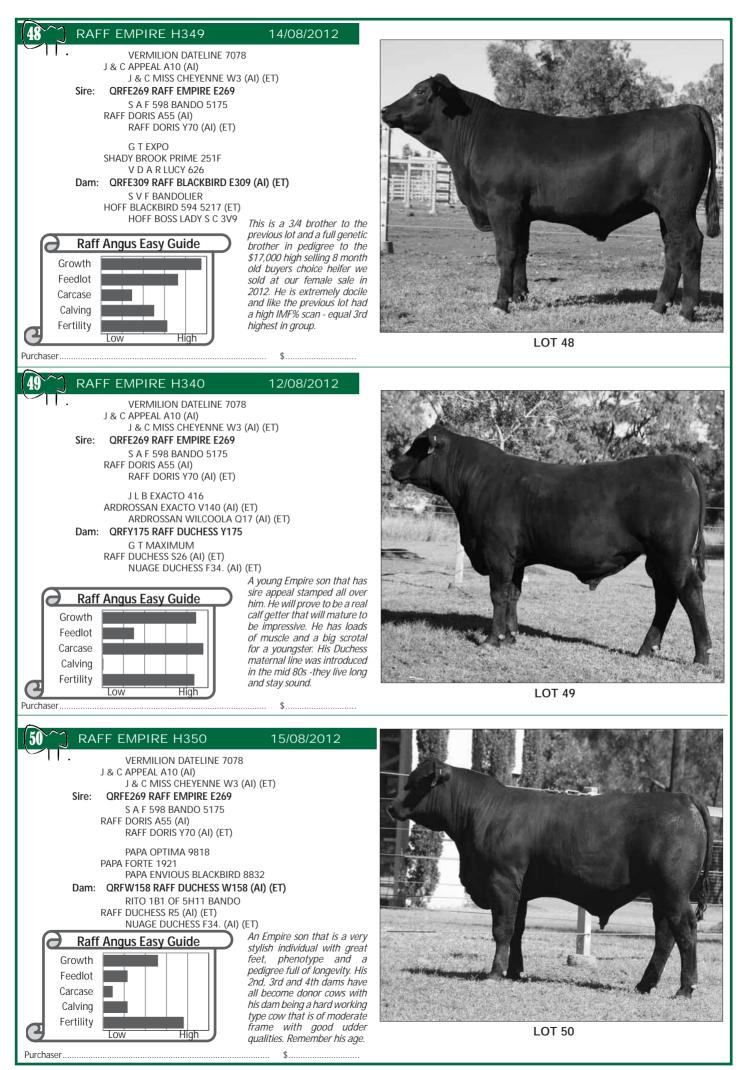
RAFF BLACKBIRD E305 Dam of \$17,000 3/4 sister to Lot 47

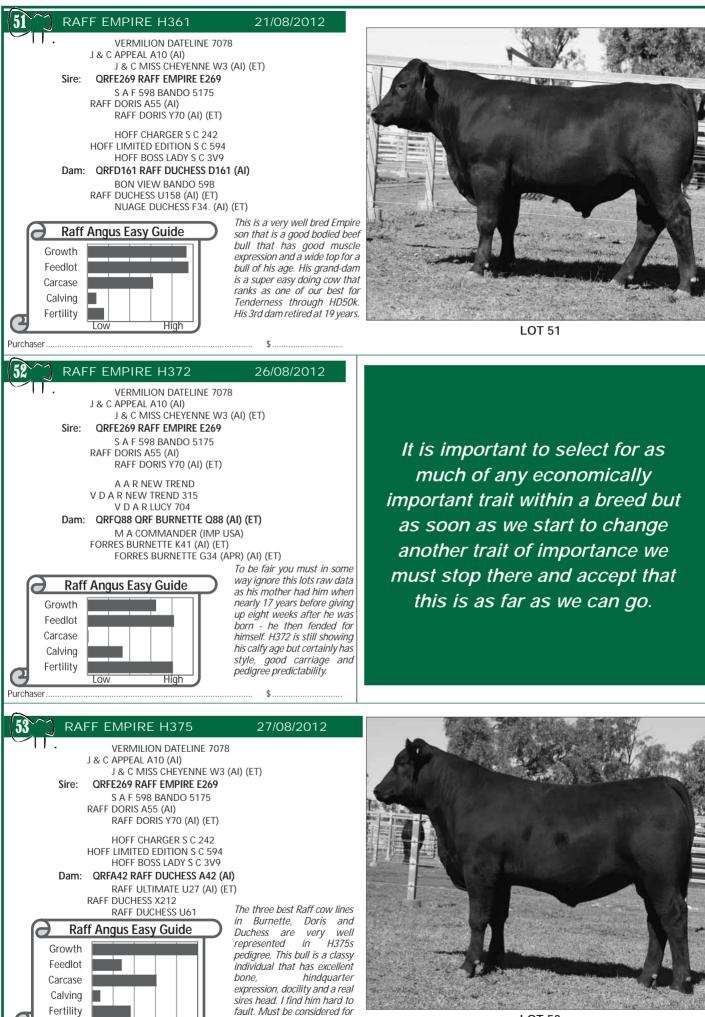


RAFF BLACKBIRD F14 Full sister to Dam of Lot 47



RAFF BLACKBIRD H4 Full genetic sister to Lot 47





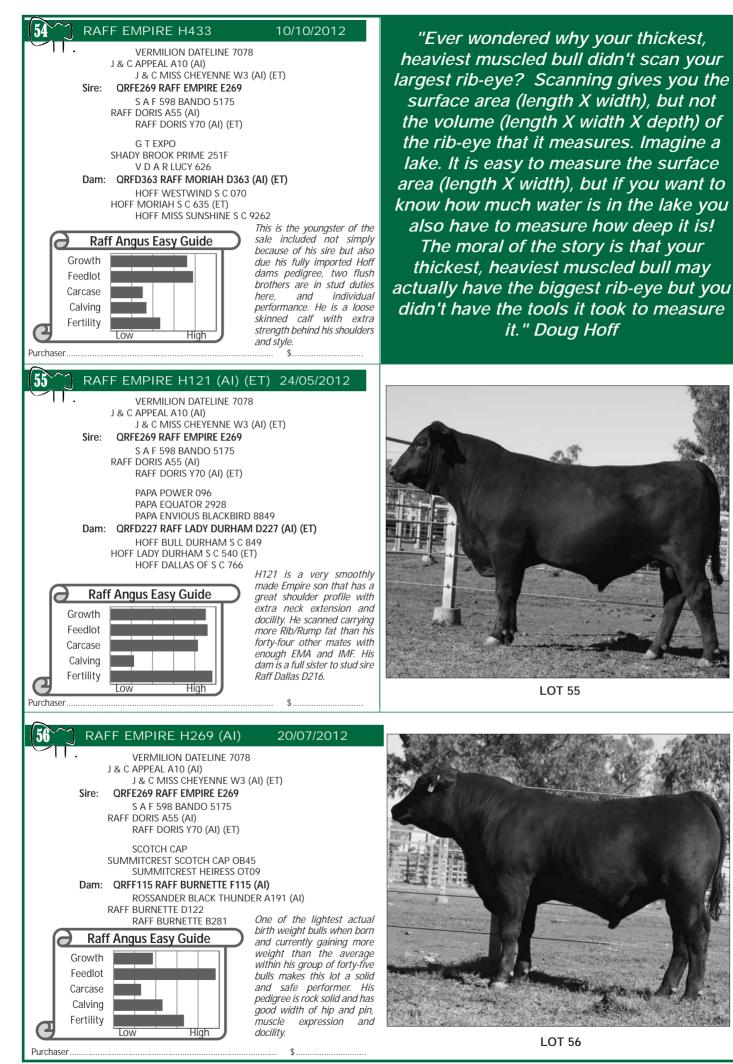
LOT 53

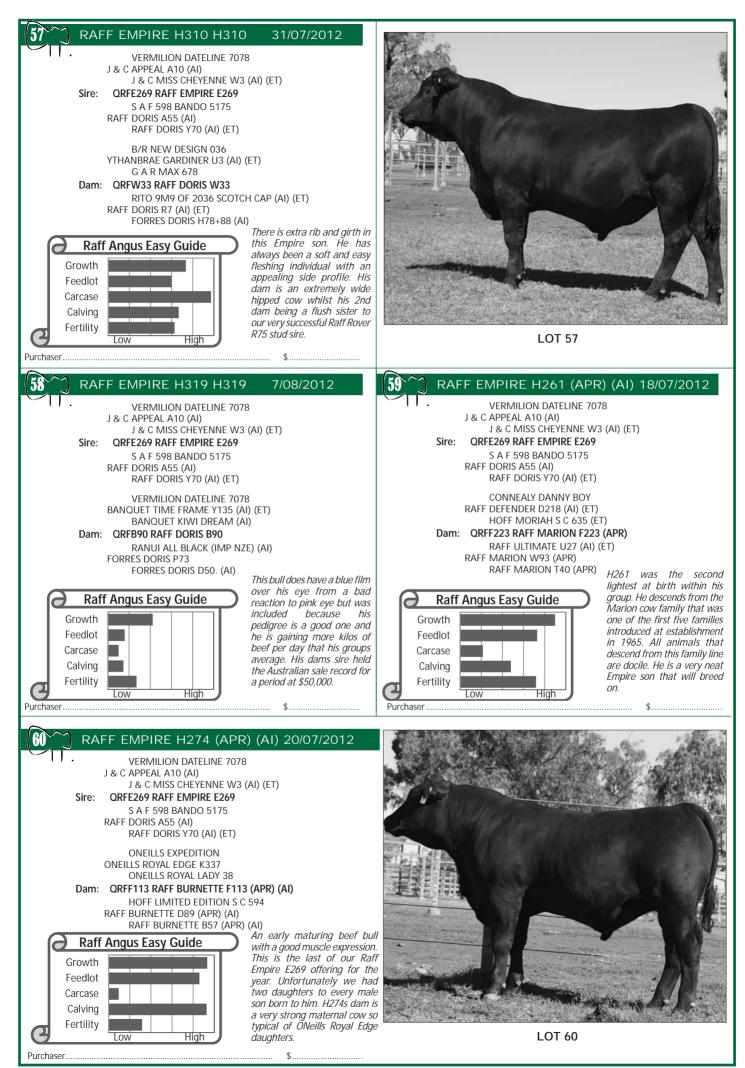
#### Page 35

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stud duties.

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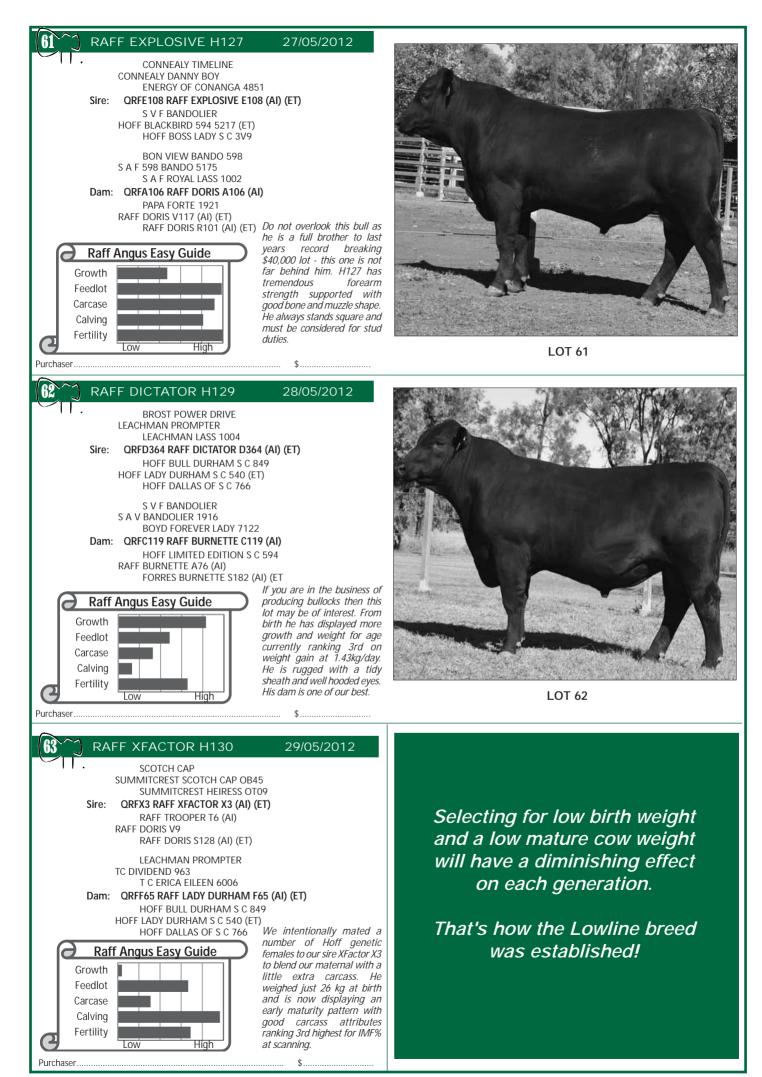
# Management Group 3 ~ Lots 61 - 96 (including lot 55)

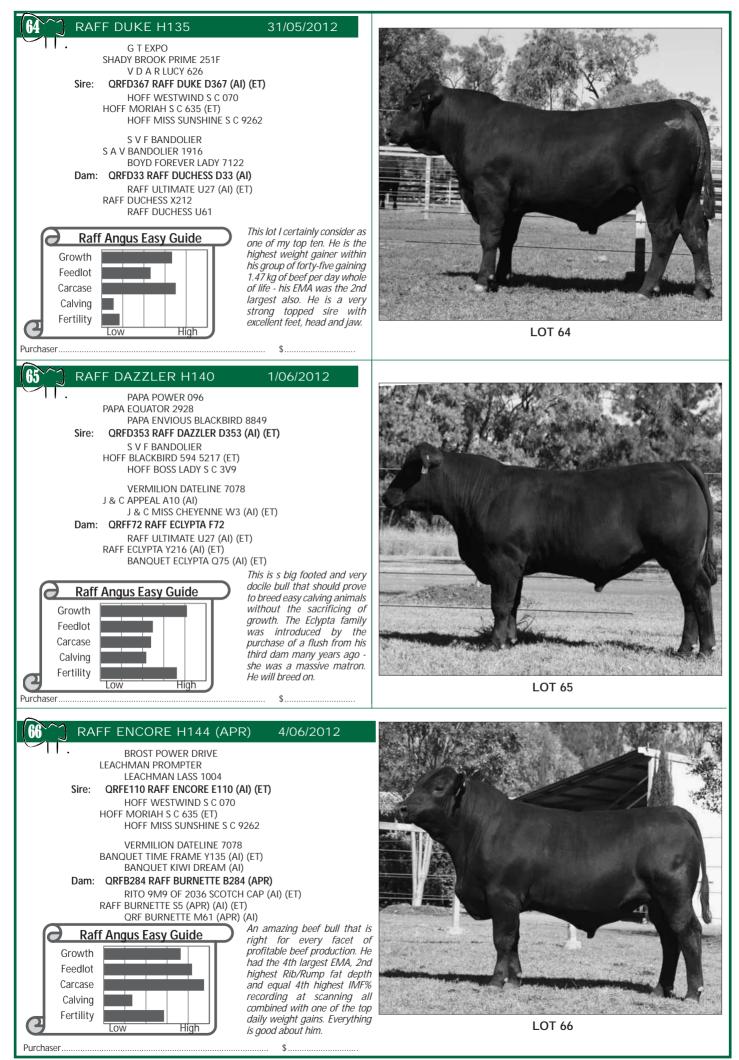
These bulls have been run as one contemporary group since weaning 29th November 2012.

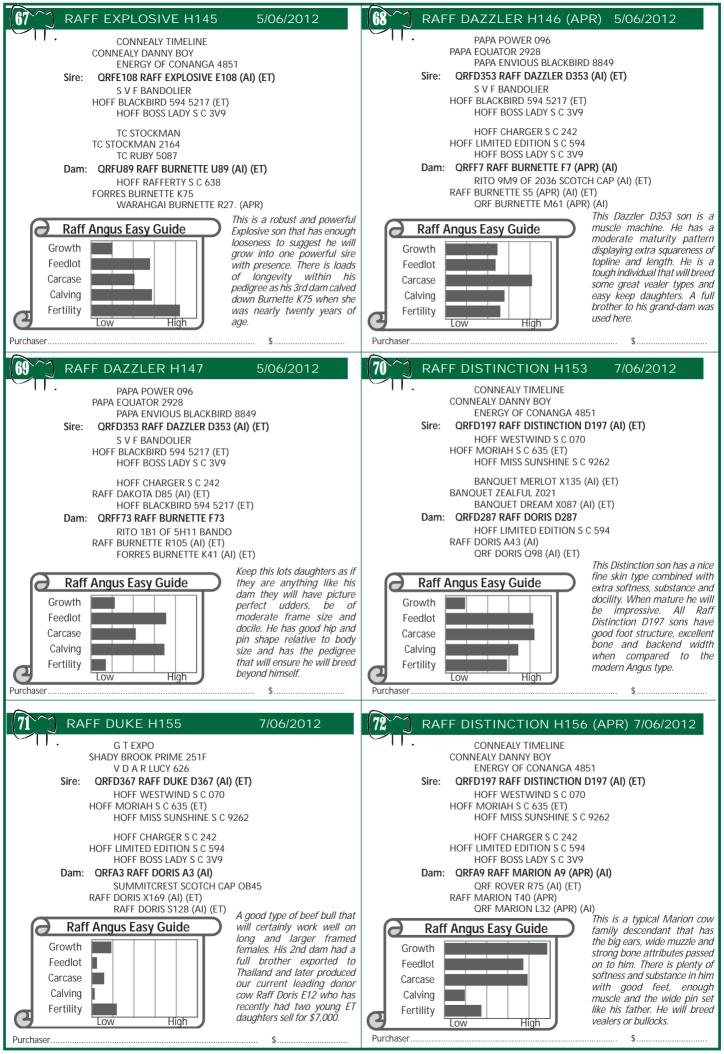
All information below was taken when scanned 12th August - including their age.

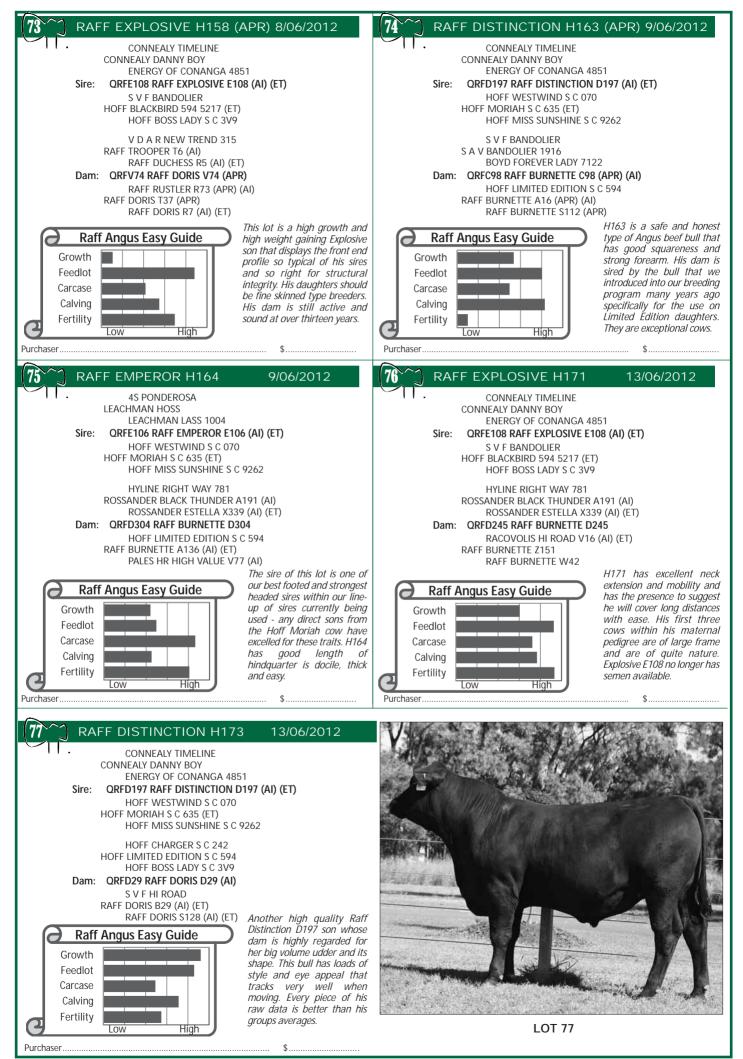
Adjusted Age, Weight & ADG will be available on sale day. on sale day.

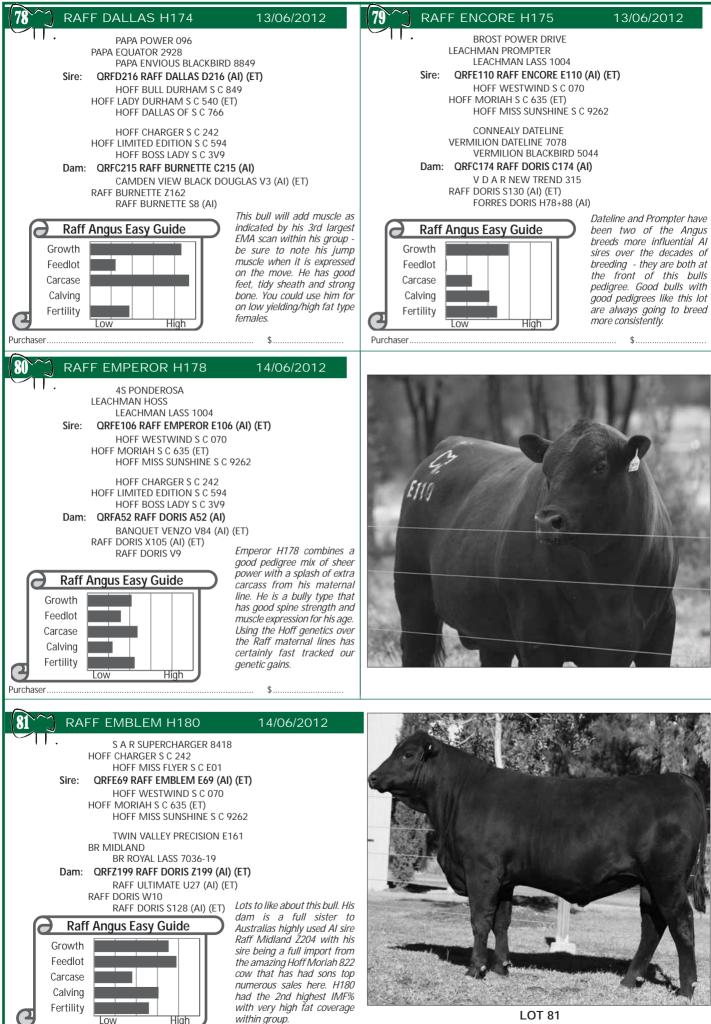
(	Lot	TAG No	Age in months	Weight (KG)	ADG KG/Day	Frame Score	Scrotal (cm)	EMA Sq. cm	RUMP Fat mm		IMF %	
	55	H121	14 ½	622	1.30	6.0	41	94	11	8	5.3	
		H127	$14 \frac{1}{2}$	614	1.30	6.2	45	98	8	5	4.6	
		H129	14 ½	682	1.43	6.6	41	83	7	6	5.1	1
	63	H130	$14 \frac{1}{2}$	504	1.09	6.6	40	86	8	5	5.8	
7		H135	$14 \frac{1}{2}$	688	1.47	6.8	37	105	7	5	4.2	
		H140	$14 \frac{1}{2}$	562	1.21	5.5	38	84	7	5	4.2	
	66	H144	$14 \frac{1}{2}$	636	1.37	5.6	34	101	11	7	5.7	-
		H145	$14 \frac{1}{2}$	586	1.26	6.8	39	90	6	5	4.2	
		H146	$14 \frac{1}{2}$	548	1.19	5.6	38	92	5	4	4.5	
		H147	$14 \frac{1}{2}$	490	1.04	4.7	34	78	6	5	5.7	
		H153	14	582	1.25	5.6	41	97	6	5	5.0	
		H155	14	604	1.29	6.3	38	98	7	5	5.2	
		H156	14	592	1.28	6.1	38.5	92	6	5	3.4	
	73	H158	14	614	1.33	7.3	39	90	7	6	5.6	
		H163	14	562	1.21	6.1	36	84	6	4	4.0	
		H164	14	570	1.23	5.9	39	85	9	6	5.0	
		H171	14	558	1.22	6.2	42	100	5	5	3.7	
		H173	14	580	1.27	7.2	39.5	95	8	6	5.4	
		H174	14	628	1.36	7.3	38.5	102	3	3	3.2	
		H175	14	590	1.28	5.8	37.5	84	7	5	4.2	
		H178	14	562	1.22	5.8	40	95	6	5	3.6	
		H180	14	602	1.32	7.4	36	81	10	8	6.0	
		H182	14	618	1.37	7.0	38	94	9	7	5.3	
·-		H187	14	616	1.35	5.8	38	92	9	7	5.6	
		H188	14	566	1.24	5.0	36	97	7	5	3.5	
		H189	14	660	1.45	7.4	41.5	80	10	6	5.2	
		H194	14	594	1.31	7.2	36	90	6	4	4.4	
		H196	14	570	1.24	6.8	39	77	7	5	5.5	
No.		H201	14	566	1.23	6.6	38	80	6	4	3.4	
1		H203	13 ½	628	1.41	6.1	37.5	106	8	6	3.8	
		H205	13 ½	532	1.17	5.9	39.5	8	6	5	3.7	
		H206	13 ½	548	1.22	5.9	37.5	91	4	3	4.0	
		H209	13 ½	528	1.16	6.2	35	88	5	4	4.6	
		H211	13 ½	480	1.08	4.7	32	88	6	4	3.5	
1		H213	13 ½	606	1.37	7.5	37	92	8	5	5.3	
<b>N</b>		H219	13 ½	518	1.16	6.0	36	84	5	5	4.2	1
	96	H220	13 ½	620	1.40	7.1	37	91	8	6	5.6	
1		Froup 3	14	585 kg's	1.27	6.3	38.1cm	90.3	7 0mm	5.2mm	16%	•
Ľ		AV	mths	000 Ng 5			Scrotal		Rump		IMF	
5					U .	alth Tu	aatman	ta	-			
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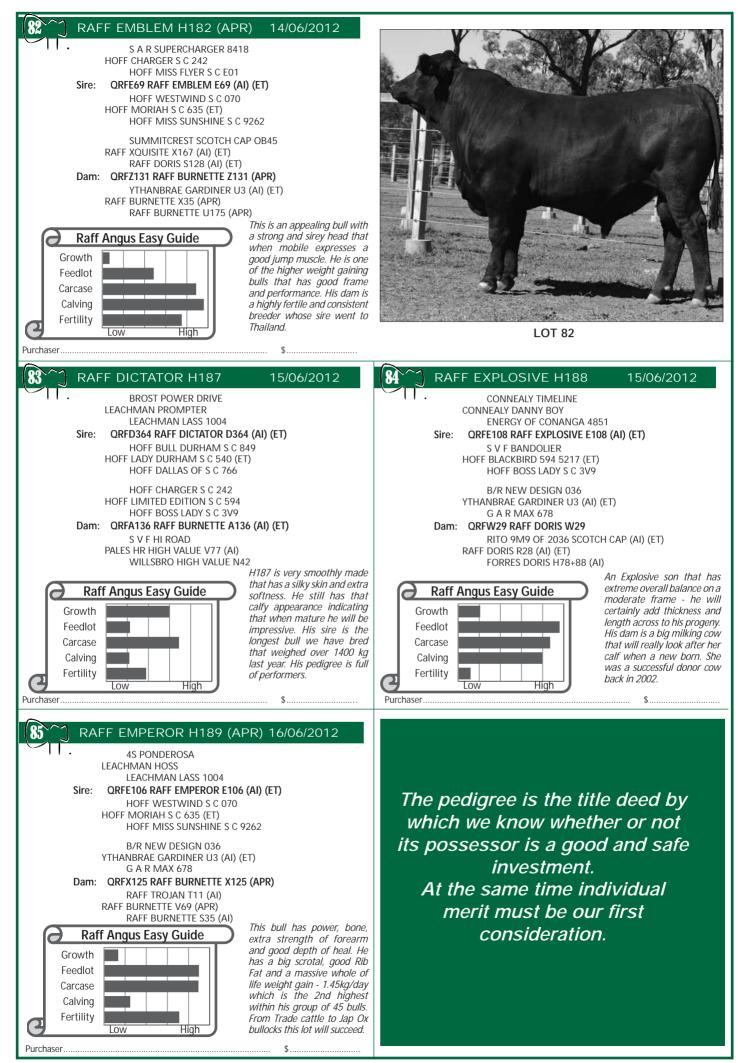
Low

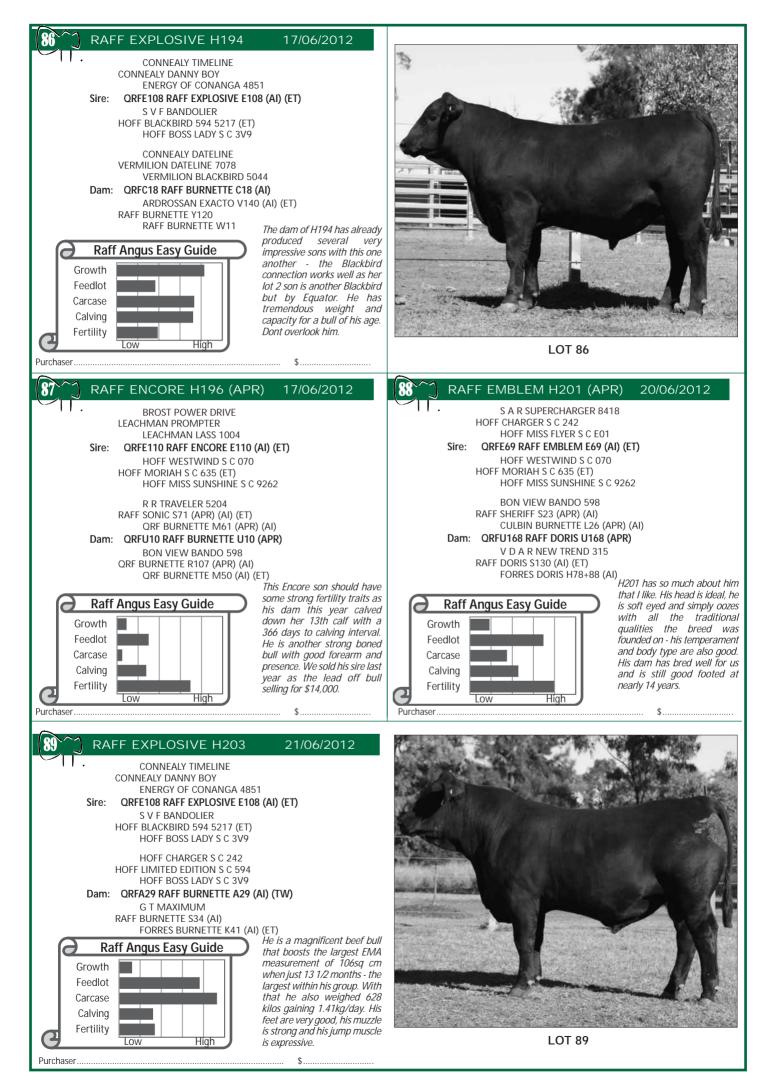
Purchaser...

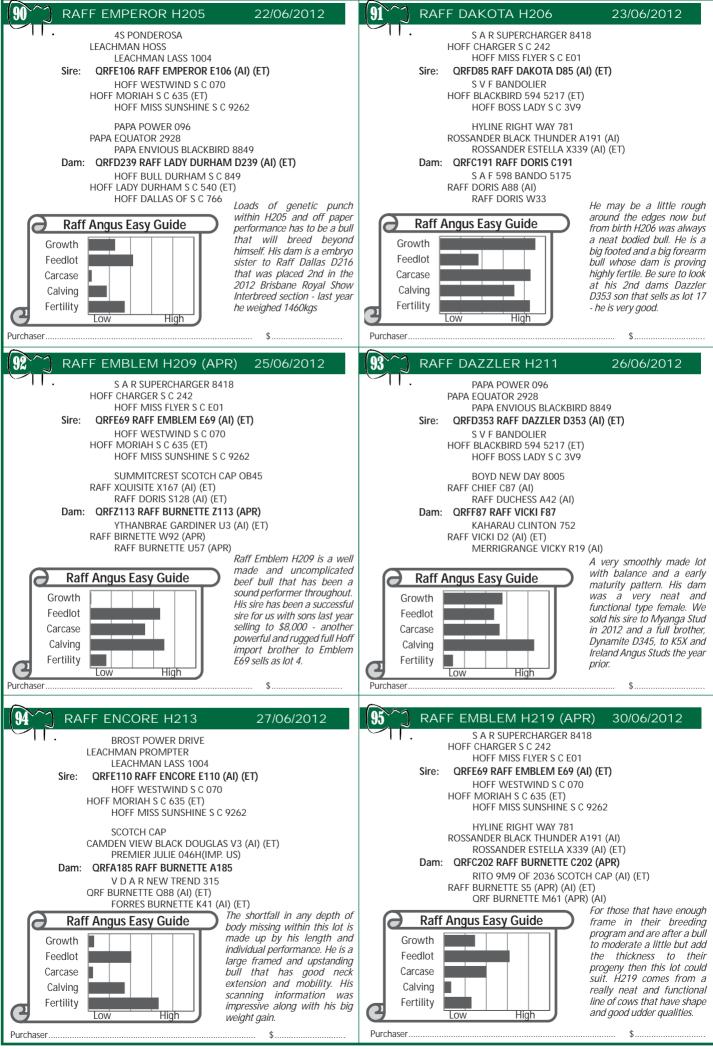
High

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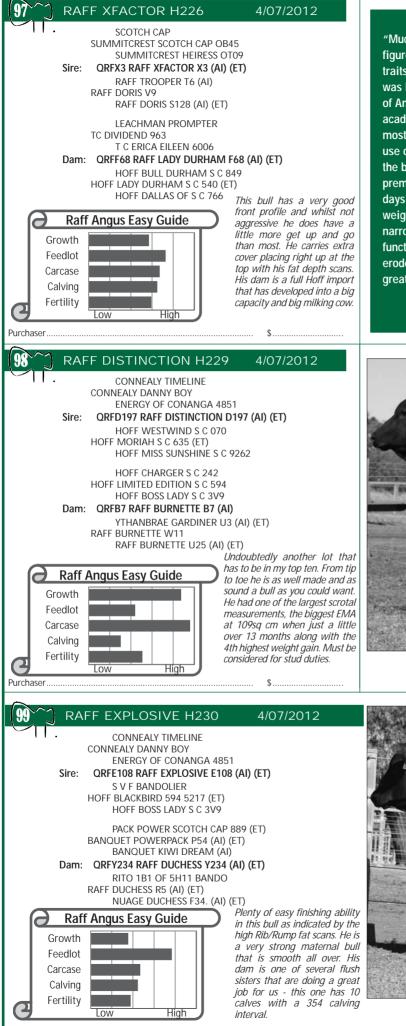
LOT 81







CONNEALY ENER Sire: QRFD197 HOFF HOFF MOF S V F HI RC LADY Dam: QRFB22 I R R T RAFF DOR FORF Growth Feedlot Carcase Calving	NEALY TIMELIN DANNY BOY CGY OF CONANC RAFF DISTINCT WESTWIND S INAH S C 635 (ET MISS SUNSHIN HI SPADE S C 4 DAD BLACKBIRD 11 RAFF DORIS B22 RAVELER 5204 S 5128 (AI) (ET) VES DORIS H78+	E GA 4851 TON D197 (Al C 070 ) IE S C 9262 91 1 G D A R 2 (Al) (ET) 88 (Al) Nearl when previou son ha IMF% his gr mobile enougi	y the opposit compared is lot. This L s grunt yet re scan 20% hig oup averag and pro b looseness to	e in type to the Distinction corded an gher than e. He is ud with p indicate						
Purchaser	High	he wil poweri	l grow out to fulsire. \$	o be one			vin.			Lan Artes
These bulls below was	have been ru	in as one co	inclu Intemporar <b>12th Au</b>	iding lot y group sin	t <mark>s 56 - 60</mark> nce weaning <b>luding the</b>	)} ; 31st Dece		All info		
Lot TAG	Age in months	Weight (KG)	ADG KG/Day	Frame Score	Scrotal (cm)	EMA Sa. cm	RUMP Fat mm	RIB Fat mm	IMF %	
56 H269 57 H310 58 H319 59 H261 60 H274	$\begin{array}{cccc} 14 \frac{1}{2} \\ 14 \frac{1}{2} \\ 14 \frac{1}{2} \\ 14 \frac{1}{2} \\ 14 \frac{1}{2} \end{array}$	522 530 498 466 453	1.25 1.30 1.22 1.11 1.07	5.2 4.8 6.1 4.6 4.2	33.5 36 30.5 34.5 33	<b>Sq. cm</b> 85 79 84 82 74	8 7 5 6 7	6 6 4 4 5	$5.2 \\ 5.5 \\ 4.2 \\ 4.2 \\ 4.7$	1
97 H226 98 H229 99 H230 100 H233 101 H234 102 H235 102 H235	$\begin{array}{cccc} & 13 \frac{1}{2} \\ & 13 \frac{1}{2} \\ & 13 \\ & 13 \\ & 13 \\ & 13 \end{array}$	540 600 558 500 427 524	$1.24 \\ 1.38 \\ 1.27 \\ 1.16 \\ 0.98 \\ 1.22 \\ 1.20$	5.5 5.8 5.8 4.9 3.9 5.9 6.1	$38 \\ 40 \\ 38 \\ 34.5 \\ 32 \\ 36 \\ 24$	90 109 90 83 68 88 77	10 9 10 6 6 8 7	8 7 8 5 5 6	5.2 3.5 4.7 3.8 4.8 5.0	X
103 H237 104 H239 105 H241 106 H242 107 H245 108 H247 109 H252	13 13 13 13 13 13 13	524 542 524 530 532 606	$1.20 \\ 1.26 \\ 1.21 \\ 1.26 \\ 1.24 \\ 1.22 \\ 1.45$	$\begin{array}{c} 6.1 \\ 5.7 \\ 5.3 \\ 6.3 \\ 5.5 \\ 5.6 \\ 5.8 \end{array}$	$34 \\ 38 \\ 34 \\ 38 \\ 35 \\ 38.5 \\ 40$	93 79 84 86 84 86	7 8 5 9 8 10	5 6 4 6 5 8	5.0 4.8 3.2 3.6 5.0 4.3 5.5	
110 H258 111 H259 112 H270 113 H273 114 H278 115 H280	$\begin{array}{c} & 13 \\ & 13 \\ & 13 \\ & 13 \\ & 12 \frac{1}{2} \\ & 12 \frac{1}{2} \end{array}$	542 500 576 489 522 495	$1.24 \\ 1.18 \\ 1.36 \\ 1.15 \\ 1.24 \\ 1.17$	$     \begin{array}{r}       6.4 \\       6.6 \\       7.2 \\       5.5 \\       6.4 \\       7.2 \\       7.2     \end{array} $	37 33.5 38.5 39 34.5 39.5	82 83 87 75 86 78	4 5 6 5 5 5 5	4 5 4 5 4	3.6 4.2 4.5 3.0 5.1 3.0	Y
116 H282 117 H283 118 H293 119 H304 120 H309 121 H315 129 H293	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	500 552 452 508 522 512 442	$     1.19 \\     1.31 \\     1.09 \\     1.22 \\     1.25 \\     1.27 \\     1.00 $	4.2 6.8 5.5 5.9 6.5 6.2	35 37 35.5 35 42 37 22	95 85 78 81 80 82 75	8 9 7 8 6	5 6 7 5 6 4	3.8 5.4 6.1 5.2 5.2 3.8	
122 H323 123 H320 124 H329 125 H330	12 12	442 487 554 532	$1.09 \\ 1.21 \\ 1.39 \\ 1.34$	$5.4 \\ 4.9 \\ 6.6 \\ 6.2$	32 39.5 34 35	75 75 88 73	6 11 8 5	6 8 6 5	4.8 5.6 4.8 5.0	
Group 4	<i>12</i> <sup>3/4</sup> <i>mths</i>	518 kg's	1.23 kg/day	5.7 Frame	36.1cm Scrotal	83.1 EMA	7.1mm Rump	5.5mm Rib	4.6% IMF	
$\left( \int \right)$	G	enesis Pou	ir-on -15/	/04/13, 7	eatmen in 1 - 08/	01/13 &	12/02/13,	10/00/1		T
	Red Water	is germ l	000d} - 1	//01/13,	S Day Sic		/05/13 & 1	9/06/13		Page 47



\$

"Much of the Angus industry has got caught up in chasing figures and number values and have forgotten the relevant traits, physical conformation and functionality that the breed was based on. This movement has created a large population of Angus cattle that are no better than the computers and academics used to create them. It has many of the breed's most loyal commercial cattlemen baffled and even seeking the use of crossbred or exotic bulls. Fashionable figures don't pay the bills when calves are marketed across a scale and grid premiums are not premiums when they are offset by additional days on feed to finish while yielding significantly less carcass weight. If the promotion of figures is leading us to breed narrow, shallow-gutted, hard doing Angus that look and function like a Wagyu, it may be better to switch breeds than to erode the elements of the Angus breed that have made it the greatest beef breed in the world."

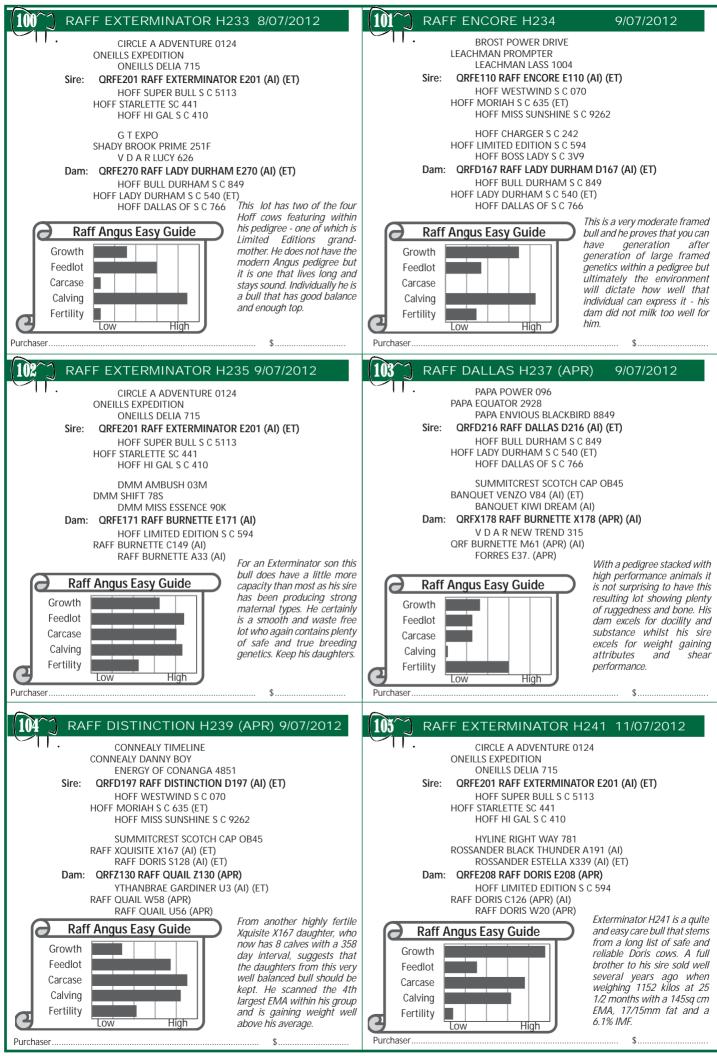
Kelly Schaff

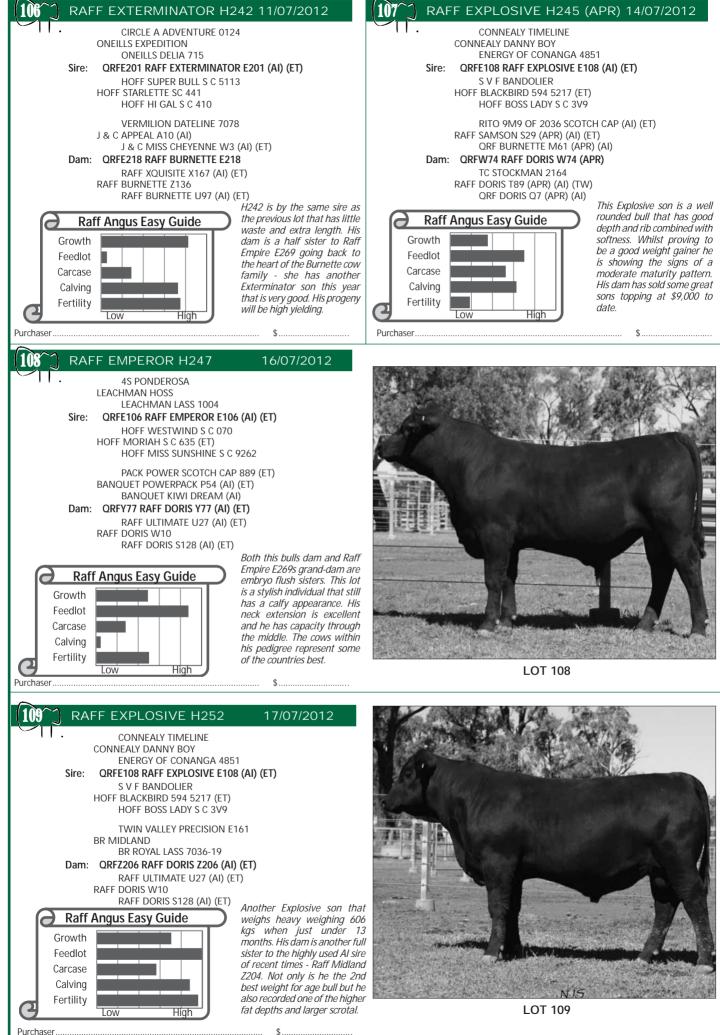


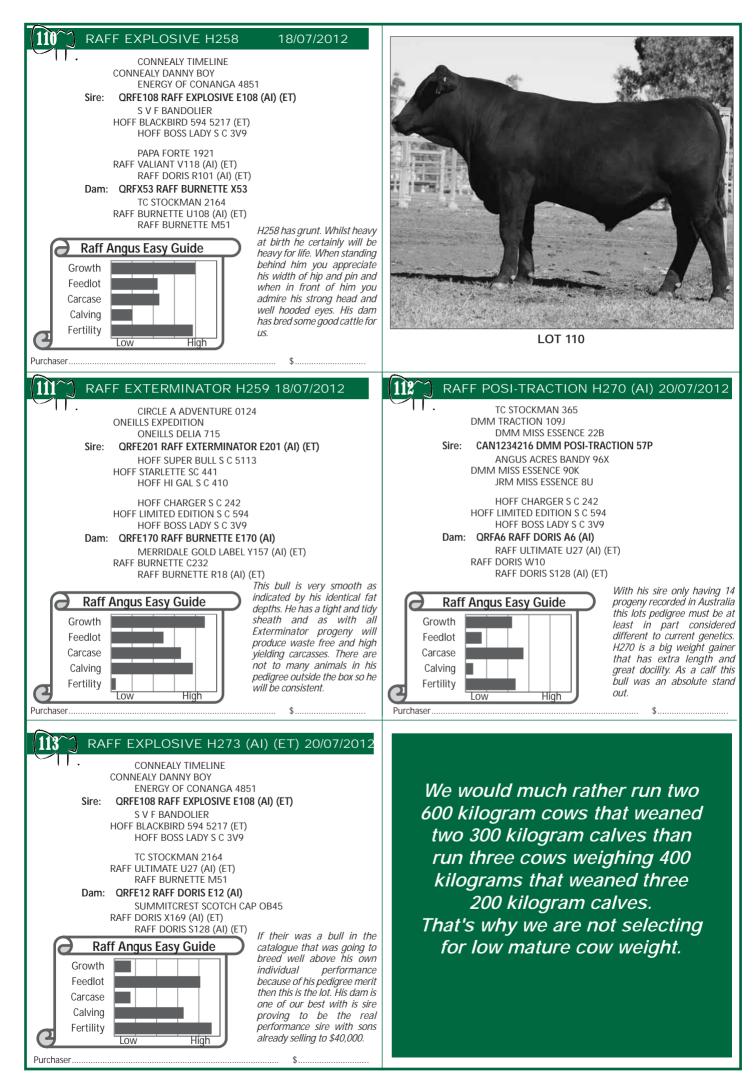
LOT 98

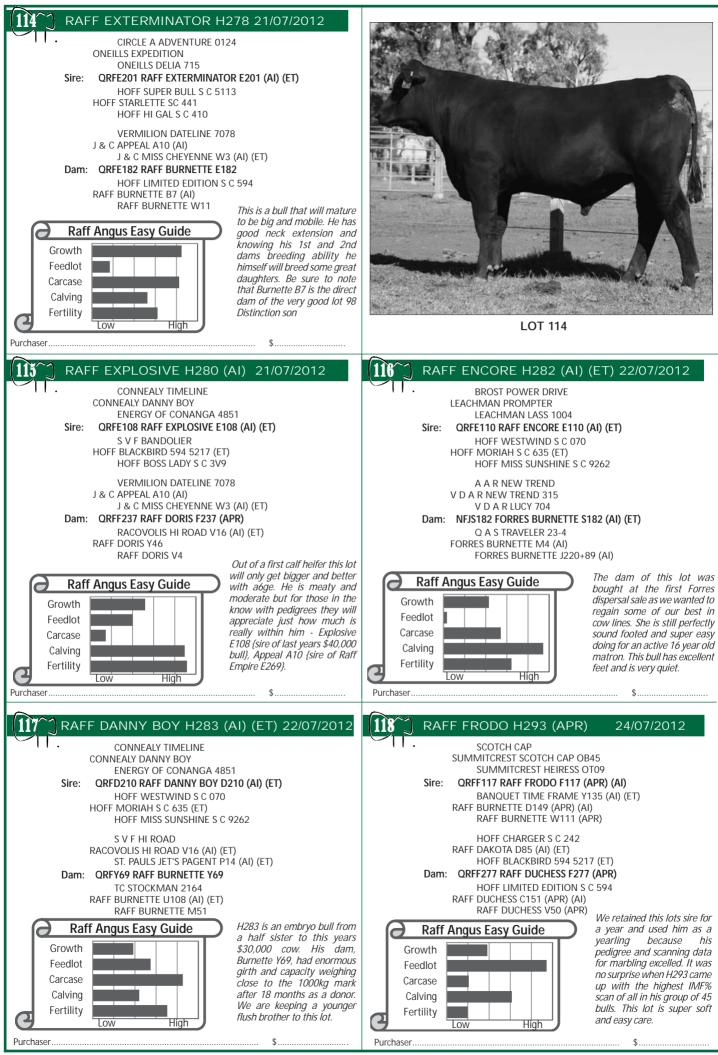


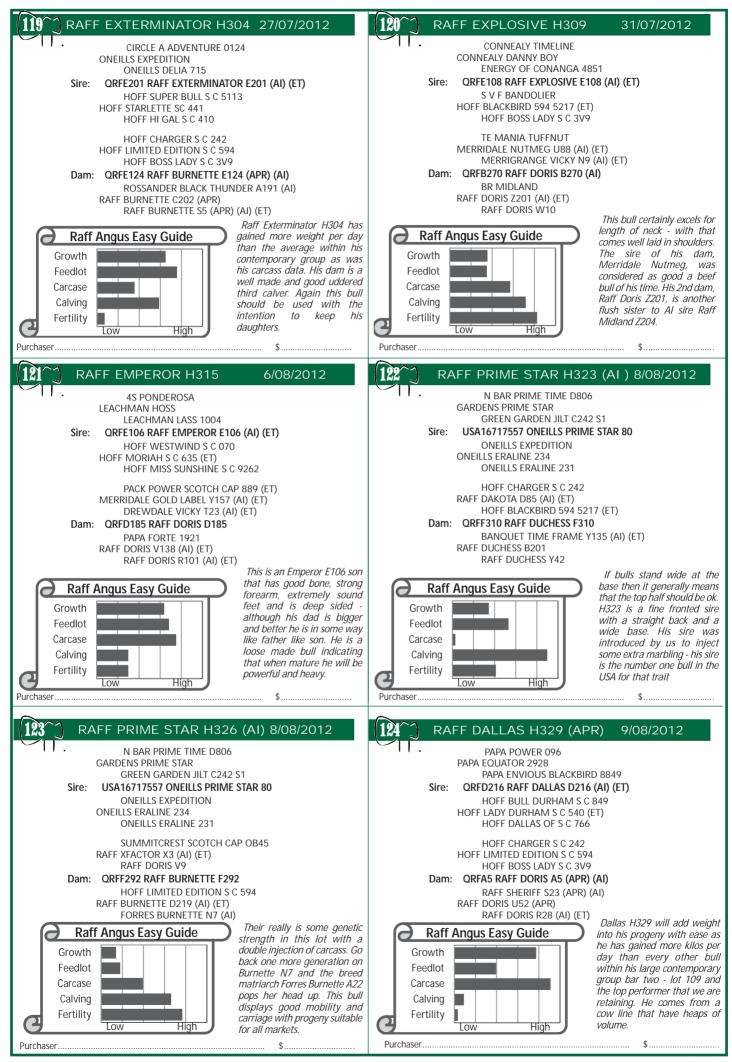
LOT 99

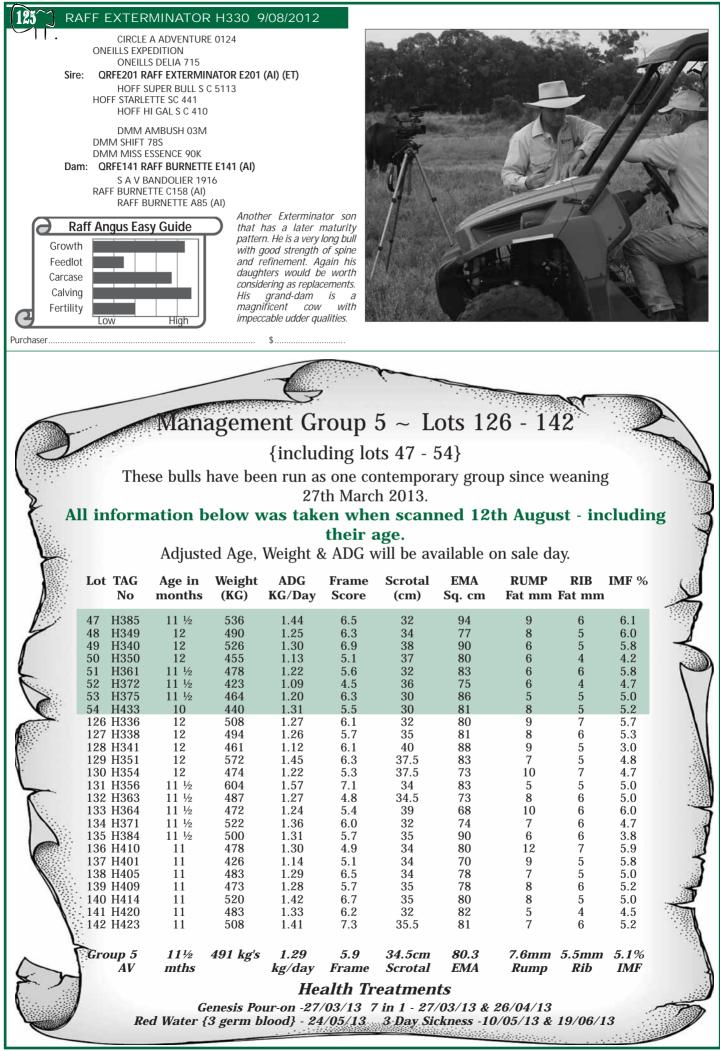


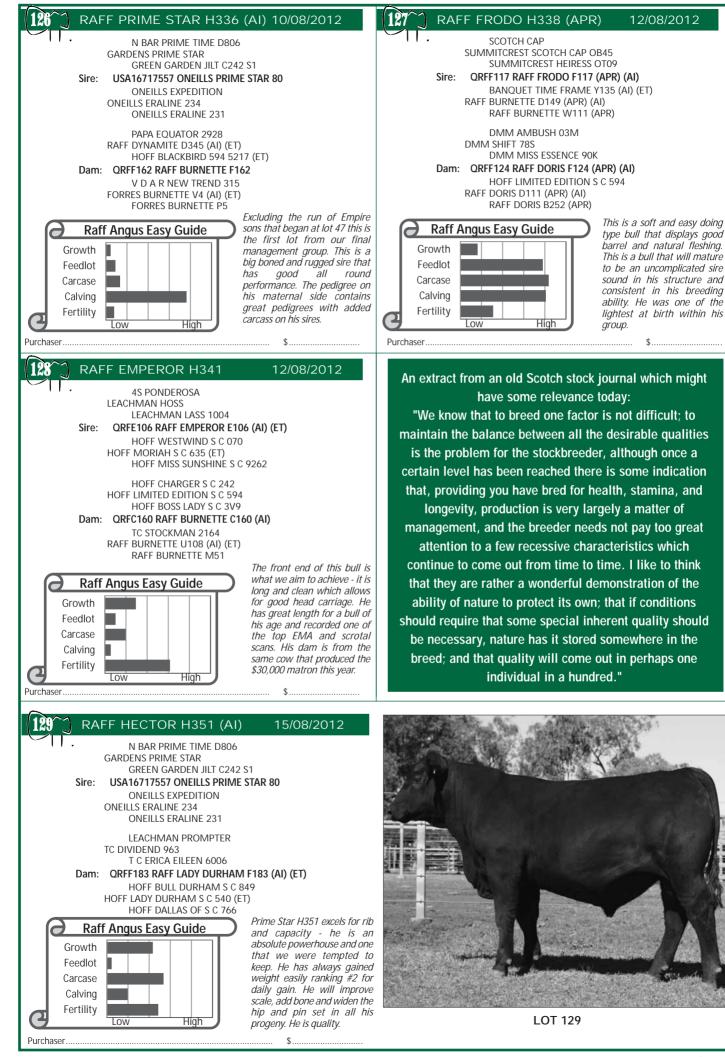


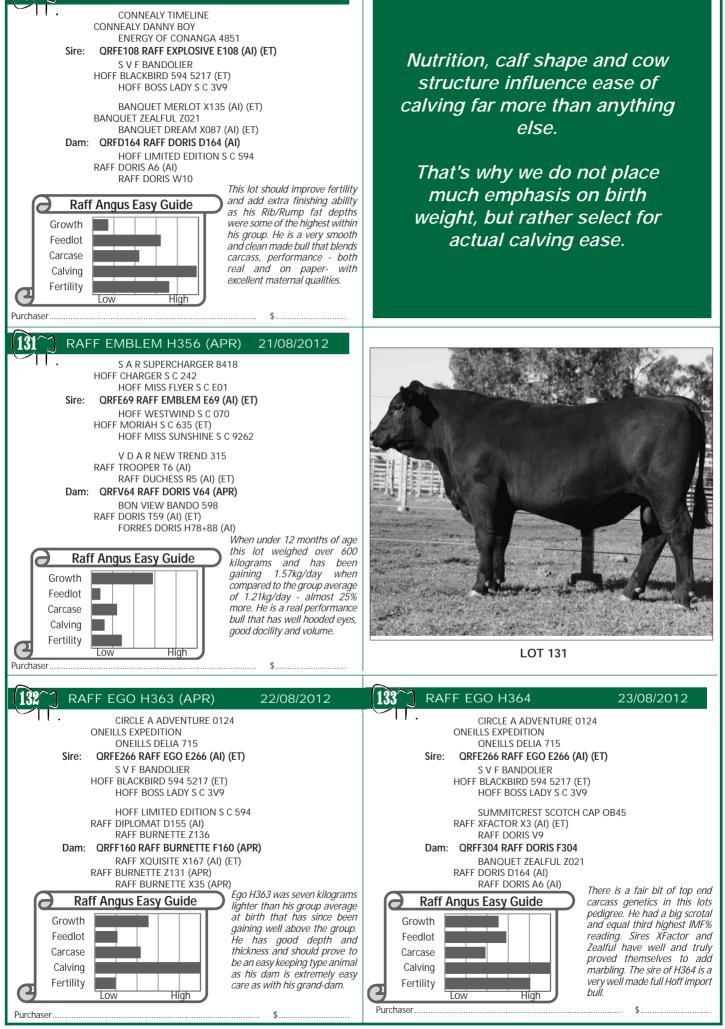






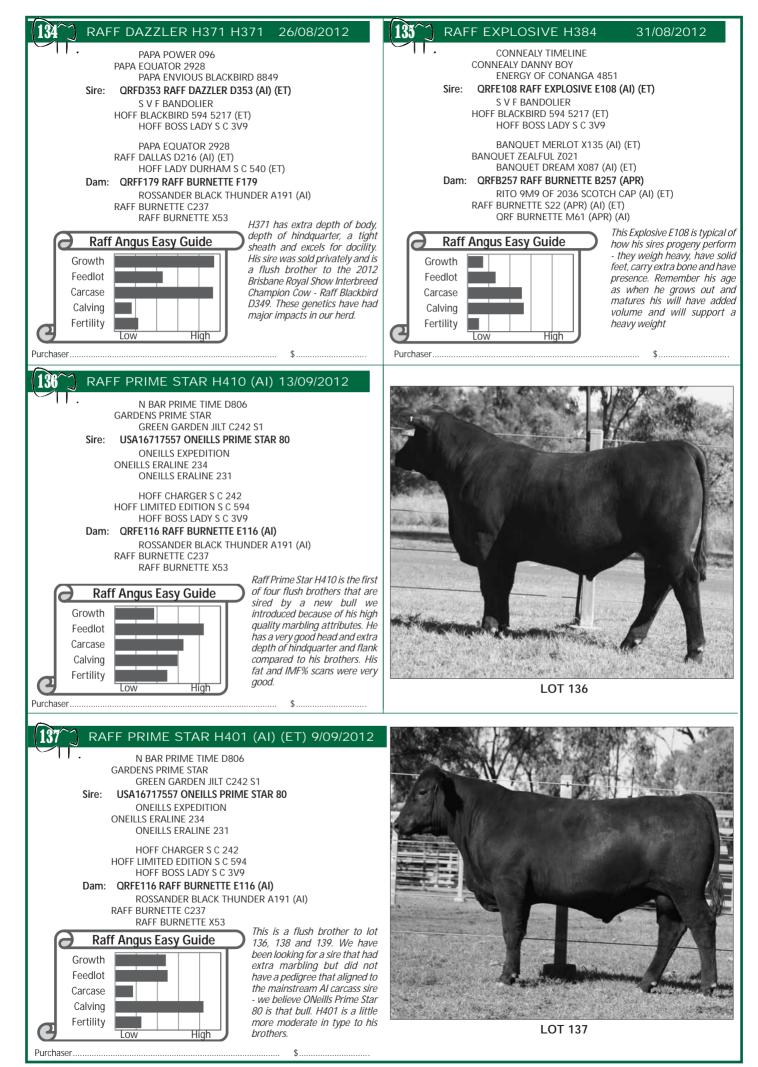


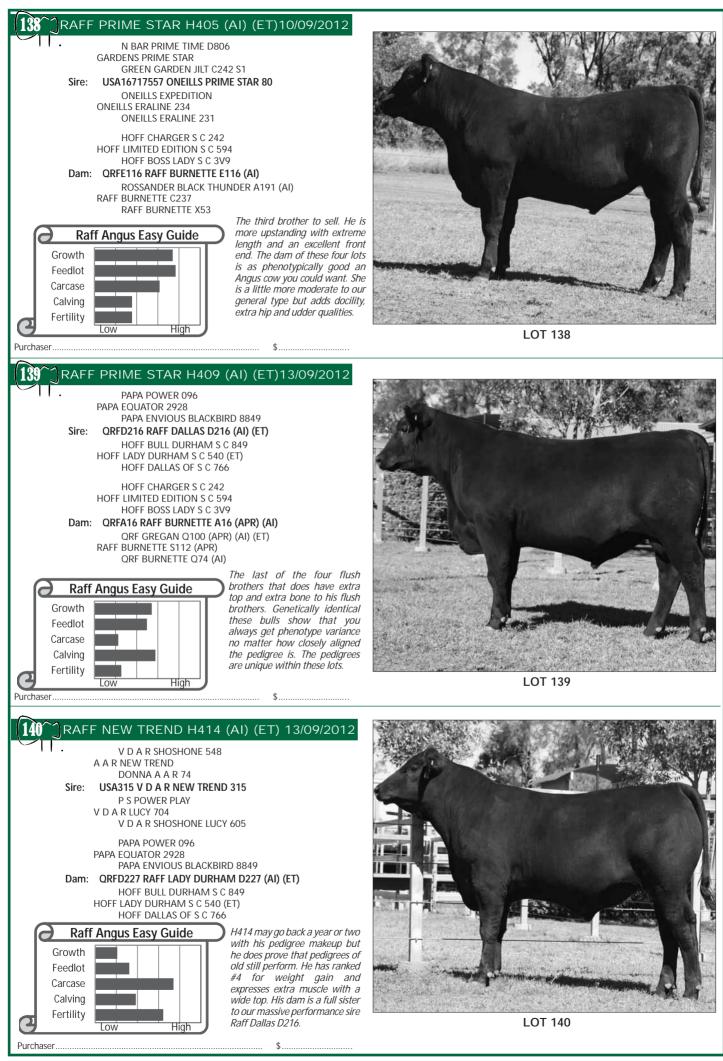


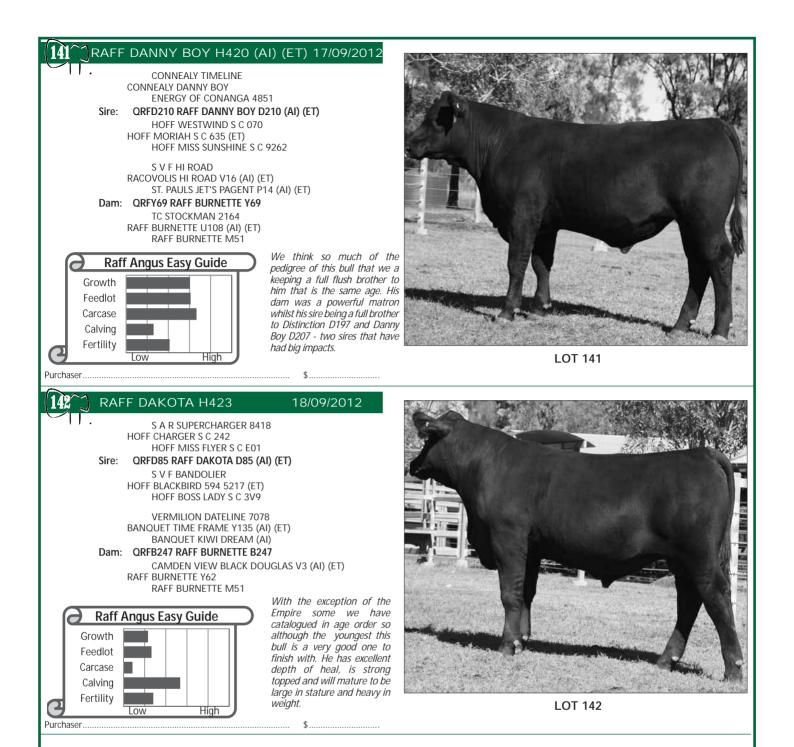


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## Yearling bulls - Tapping their immense potential

By Sandy Yeates - Department of Ag NSW and Angus breeder - Patawalla Rylstone NSW.

#### Yearlings becoming popular

In Australia and other parts of the world, there is a trend toward using bulls at yearling age (12-18 months). This allows introduction of superior genetic material into herds a year earlier than normal, resulting in faster genetic improvement.

Their introduction has the potential to allow breeders to extend the working lives of bulls by a year or more, lowering the bull costs of a herd. This extra work load is achieved at the time in their lives when they are young, lean, fit, and exuberant. They are free of the structural problems that beset older bulls.

Yearling bulls have much to offer both genetically and financially. However, poor management can reduce calving percentages, compromise animal welfare and limit their lifetime potential. In order to harness the immense potential of yearling bulls, special management is required - their age and physiological status demands it.

#### Why are yearlings different?

Apart from their age, yearling bulls are different from older bulls in a number of ways.

They are still growing strongly, and tend to be leaner, carrying less body fat reserves. They are usually fitter and more agile, although not necessarily stronger than older bulls. They are also smaller in size and more subordinate to older bulls, which makes them more injury prone when, mixed with them, especially in the sexually competitive environment of a joining group. Yearling bulls are usually sexually inexperienced and more likely to be sexually immature, and their health and body condition are far more sensitive to poor nutrition and the challenges of internal and external parasites.

Although special management is required, much of it is common sense.

#### Why use yearlings?

Cattle producers with experience in managing yearlings often say that they prefer them because they settle in better mix with other cattle more easily and are easier to handle than older bulls. However, there are some far more tangible incentives in using them.

In south-eastern Australia, the average working life of a bull is less than 3 years - not a very satisfactory performance for one of the main operational costs of a beef cattle enterprise. By first using bulls as yearlings, the working life of a bull can be extended by a year or more - a 25% increase. As a result, the purchase price and running costs of bulls can be spread over more calves. This reduces bull costs per calf and boosts profitability.

Yearling bulls also allow cattle breeders the opportunity of achieving faster rates of genetic improvement. This is due to the influence of what geneticists call 'generation interval', the average age of parents when their calves are born. By using genetically superior bulls as young as possible, faster turnover rates of genes are achieved. Joining yearling bulls to yearling heifers can maximize genetic improvement by lowering generation intervals.

Yearling bulls are significantly less costly to produce. Seedstock suppliers sell their bulls 6-12 months earlier, which simplifies their management and reduces overheads.

In addition to these advantages, there is strong circumstantial evidence to suggest that bulls used first as yearlings have even longer working lives because of superior fitness and lower levels of body fat. The more active lives of these bulls means that they are maintained at bodyweights below their genetic potential. As a result, less stress is placed on their skeletal structure when serving, with less likelihood of breakdowns occur

The two biggest causes of breakdowns in bulls are from hip arthritis (over 50% of all wastage) and broken penis. Over conditioning bulls for shows and sales, especially multi vendor sales, exacerbates both these conditions. It would appear that bulls used first as yearlings are less affected by these serious sources of economic loss.

#### Will yearling bulls be sexually mature?

British breed yearling bulls will generally be sexually mature if they: • Are well grown • Are in good condition (fat score of high 2 or low 3) • Are 12 months of age or older • Have a scrotal circumference of 32cm or more at 12-14 months

The onset of puberty is directly related to the level of nutrition. Bulls on a high plain of nutrition are more likely to reach puberty at a younger age. In some cases, this may be as young as 8 months old. Poorly grown or low-condition bulls are risky for use as yearlings, as they may not have reached puberty.

Around puberty, testicles grow very quickly, resulting in rapid increase in scrotal circumference. In well grown British breeds this 'growth spurt' is normally expected to take place between 8 and 13 months of age, under optimal nutrition.

## Yearling bulls - Tapping their immense potential

Minimum scrotal sizes (cm)

Age (months)	Simmental	Angus Charolais	Hereford Shorthorn	Limousin Bos Indicus
12 - 14	33	32	31	30
15 -20	35	34	33	32
21 - 30	36	35	34	33
30+	37	36	35	34

In general, some European breeds and Bos Indicus, or their derivatives, reach sexual maturity later than British breeds. As a result, they are often not suitable for use at yearling age.

Dr Glen Coulter of the Agriculture Canada Research Station, Alberta, has documented the minimal scrotal sizes across all breeds. These are based on thousands of measurements and are set out in the table below.

Dr Coulter suggests that cattle producers should select bulls with scrotal sizes substantially greater than these minimums. He suggests that bulls with the scrotal sizes less than these minimums are likely to have limited sperm producing capacity and unacceptable fertility under moderate to heavy mating loads.

#### Serving ability

Yearling bulls are usually sexually inexperienced when joined for the first time. As a result, they are sometimes, but not always, a little clumsy and awkward. However, young bulls have very steep learning curves. This learning phase may cause minor delays in the start of calving. Should this be a problem, joining should start 7 or 14 days earlier than normal to compensate for the slight delay.

#### Mating management

Yearling bulls can be effectively joined in either individually or in peer groups. They should not be joined with older bulls because of 'dominance'.

In a mixed group, older bulls may get up to 75% of the cows in calf while young subordinate bulls miss out. Joining yearlings with older bulls is not only wasteful and inefficient, it is also risky, as the young bulls tend to be more injury prone. In addition, there is less risk of exposure to veneral diseases when young bulls are joined in peer group

#### Single or multiple joining?

Bulls that are being watched by other bulls are likely to serve females more often - they respond to an audience. Conception rates in multiple joining groups are usually higher, which is understandable, since there are more services made in multiple joining groups than single joining groups.

It is not uncommon for bulls joined in groups to fight in the first week of joining, even though they had been run together before joining. Apparently they sometimes need to re-establish a pecking order. This settling down phase may help explain why calves occasionally start arriving later than they should.

Multiple joining groups have traditionally been a kind of on-farm insurance policy against the risk of having a dud. If one bull in the group is freeloading the others will cover for him, so that conception rates don't suffer. But the insurance does not come free (it never does). There is evidence that injury rates in multiple joining groups are higher, especially when the bulls in the group are of different ages.

The incidence of 'broken penis' is higher in multiple groups, especially when the younger bulls are joined with older bulls. Yearling bulls should never be joined with older bulls - the risk of injury is just too great. They should be joined either by themselves or with other yearlings.

#### But won't yearlings be too small to reach cows?

Compatibility in size between bulls and females will obviously be important. To ensure optimum conception rates, use only well grown yearling bulls and join them to heifers or young cows. This has the additional advantage that yearling bulls are lighter than older bulls and are less likely to injure heifers.

If the biggest cows in a joining group fail to conceive, size may be a factor. However, it is risky making 'blanket' statements. I have witnessed the sexual prowess of some small high serving, yearling bulls at Trangie, serving dry cows significantly larger than themselves and wondered how it was physically possible. Sex is apparently a wonderful motivator!

#### But won't joining bulls as yearlings knock them around?

Bulls do not die from too much sex. However, they do lose condition. This will depend on their health, the quality of their feed, the length of the joining period and the number of females they are joined with. A lot of common sense is needed in order to strike a balance. In extensive areas with only average or poor quality feed, the joining season should be restricted to 6-8 weeks.

### Yearling bulls - Tapping their immense potential

The use of yearling bulls is limited only by their health and fitness. It does not matter whether they 'won't grow out' as it's just not relevant. If our beef industry is to make progress, we must purge our minds of the belief that a bull has to be fat and well grown to be any good. The value of a bull should be measured by the performance of his offspring - not on what he looks like. After all, when was the last time you saw a fat rabbit, fox or 'roo? Those species carry no subcutaneous fat, yet they don't appear to be facing extinction!

Maintaining bulls in anything fatter than 2 or 3 score condition is wasteful, counterproductive and inefficient. Bulls that are allowed to get fatter than this are either sexually inactive or under-used.

#### Won't yearling bulls have smaller calves?

It is surprising how many cattle producers think that young bulls are more likely to sire small calves. They are purchased in the mistaken belief that they can reduce calving difficulties. Clearly that is not the case. There is no relationship between the age of a bull at joining and the weights of his calves.

The birth weight of calves is heritable, so a bull will influence, genetically, the birth weight of his calves.

If you are concerned about birth weight, buy a bull that has a low EBV for birth weight, or one that had a lower birth weight than the average of other bull calves in the same drop. If data on birth weights is unavailable, select a bull of only moderate size or one that has been successfully delivered by a heifer. In general, larger framed bulls tend to have heavier calves at birth.

#### Mating potential

Experience with serving capacity tests has shown that for every ten bulls tested there is at least one, and probably two, bulls unable to complete a normal service on a female. Our bull batteries have far to many 'free-loaders' in them.

As a result, cattle producers have compensated by joining more bulls than would normally be required. Accordingly, we have tended to be conservative in our recommendations on bull percentages. However, the practice of using a higher percentage of bulls than is needed, to compensate for the free-loaders, is wasteful and inefficient. Bulls should undergo a thorough physical examinations each year to eliminate the costly non-performers.

Under ideal conditions, correctly managed yearling bulls may be successfully joined to 45-50 females providing they are proven higher servers with large testicles. If no serving capacity information is available, a more conservative approach is needed in the first year, until you have a track record for the performances of yearling bulls on your farm. In these situations, mating loads of only 25-30 females are recommended.

The condition of the yearling bulls is critical. If they drop below 2 score condition, sperm production may be impaired.

#### Summary

In order to harness the potential of yearling bulls there are three crucial management requirements.

- 1. Join them either alone or with bulls of the same age.
- 2. Join yearling bulls for 6-8 weeks (two cycles) only, then spell them for at least 3 months.
- 3. After removing yearling bulls from their joining groups, place them on high quality feed in specially prepared paddocks.

Experience has shown that many young bulls have been ruined because they have been joined for two long and under conditions that have challenged their survival. If, at any stage, yearling bulls drop below 2 score condition, they should be withdrawn from their joining group immediately.





# 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 or the selling agents make no 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."

### WARRANTIES

#### BULLS

- 1. The seller warrants that:
  - (1) Bulls are fertile and capable of natural service within 6 months of date of sale to the purchaser ("Warranty Period"); and
  - (2) Bulls are of the parentage as catalogued.
- 2. The seller will credit or refund the purchase price of bulls (excluding any costs and expenses of the purchaser in taking delivery):
  - (1) Where the purchaser claims a bull is infertile, upon the purchaser submitting a veterinary report after the expiration of the Warranty Period stating that the bull is infertile or incapable of natural service, and a Statutory Declaration by the purchaser to the effect that the substance of the report is true and correct. The veterinarian must state that in his/her opinion there is no evidence that the bull has suffered any injury or illness during the Warranty Period which could have affected his breeding ability. The veterinary report and Statutory Declaration must be forwarded to the seller within 14 days of the Warranty Period expiring. Any refund payable by the seller will be made within 21 days following the receipt by the seller of the veterinary report and Statutory Declaration.
  - (2) Where the purchaser claims the bull is not of the parentage catalogued, upon the purchaser submitting a DNA test or blood test within the Warranty Period indicating that the animal is not of stated parentage.
  - (3) Where the term "credit" is used means the giving by the seller to the purchaser of a sum equivalent to the amount of the purchase price for use by the purchaser only in relation to the purchaser from the seller of another bull.
- 3. The purchaser acknowledges that the purchaser does not rely and it is unreasonable for the purchaser to rely on the skill or judgment of the seller as to whether the bulls supplied are reasonably fit for any purpose for which they are being acquired

### **Disclaimer of Warranties**

The seller makes no representations or warranties regarding the state, quality or condition of the bulls offered for sale or sold. The Trade Practices Act, 1974 (Cth) and certain corresponding State Legislation imply terms, conditions and warranties into some contracts for the supply of goods and services and prohibit the exclusion, restriction and modification of such terms ("Prescribed Terms"). Except as provided by the Prescribed Terms all terms, conditions and warranties express or implied by custom, law or statute in any way relating to the state, quality or condition of the females offered for sale or sold are hereby excluded.

### Limitation of Liability

Except as provided by the Prescribed Terms, the seller shall not be liable for any indirect, incidental, special and/or consequential damages including but not limited to loss of profits arising out of any reliance by the purchaser on the information or content set out in this sale catalogue and/or the quality or condition of the bulls offered for sale or sold. To the maximum extent permitted by law the seller's liability for breach of any Prescribed Term is limited at the option of the seller to:

- i The replacement of the bull; or
- ii. The supply of an equivalent bull; or
- iii. The payment of the cost of replacing the bull or acquiring an equivalent bull.

# Standard Stud Stock - Auction Terms and Conditions of Sale

All bids shall be treated as offers made upon the following Terms and Conditions of Sale and all persons present are admitted to attend the sale on the basis that they have notice of these Terms and Conditions.

- 1. The highest bidder shall, subject to Condition 2, be the purchaser provided that the vendor reserves the right to bid either by himself or through his agent or auctioneer and should any dispute arise among the bidders for any lot, should any dispute arise among the bidders for any lot, during or immediately after sale of the lot, it shall be settled at the auctioneers absolute discretion who may, should one of the disputants advance, put the lot or lots up again. The bidding from time to time shall be regulated by the auctioneer and no bid shall be retracted.
- 2. The sale will be conducted on a "Sale" or "No Sale" basis whereby the lot for sale shall be knocked down to the highest bidder, but the sale will be subject to the acceptance of the highest bid by the vendor who will immediately after the fall of the hammer declare "Sale" or "No Sale". Should the vendor reject the bid of the highest bidder such bidder will have the right of first refusal of the lot at the vendor's nominated price for one hour after the lot has been passed out of the ring on the Terms and Conditions herein set forth in so far as they shall apply.
- 3. The details of the purchaser, the purchase price and the lot sold as recorded by the sale clerk for and on behalf of the auctioneer shall be equally binding on both purchaser and vendor.
- 4. The auctioneer expressly reserves the right, without giving any reason therefore, to:
  - a. Refuse to acknowledge any bid;
  - b. Withdraw any lot or lots before or during the sale;
  - c. Exclude any person from the auction venue should it think fit
- 5. Each lot in all cases shall be at the risk and expense of the purchaser, upon acceptance of his bid by the vendor or upon acceptance of the highest bidder's offer by the vendor whichever shall be the earlier.
- 6. Except as expressly provided in these Terms and Conditions of Sale no guarantee or warranty shall be given in respect of any lot sold under these Conditions as to pedigree, sex, age, breeding condition or otherwise howsoever, and no guarantee, warranty or condition whatsoever shall be implied from any affirmation made before or at the time of the sale, or from any circumstances of the sale, but in all cases where a guarantee is intended the same shall attach and be enforceable only if reduced to writing before delivery of the lot and signed by the vendor or by the auctioneer acting as agent for the vendor, an the absence of such writing shall be conclusive evidence in case of dispute that no guarantee warranty or condition whatsoever was given or implied.
- 7. In the event of any dispute in respect to the sale of any lot:
  - a. The purchaser shall nevertheless be obliged to pay to the auctioneer the full purchase price and any other moneys or interest payable by the purchaser in accordance with these terms and conditions.
  - b. The vendor and the purchaser shall resolve the dispute between themselves
  - c. The auctioneer shall have no liability or responsibility in regard to the dispute; and
  - d. No lot shall be returned to the auctioneer and the purchaser shall indemnify the auctioneer for all costs, expenses and damages which the auctioneer is put to or incurs by reason of the purchaser so doing.
- 8. The name of the vendor for whom the auctioneer acts is acknowledged to have been furnished to purchasers prior to sale and further particulars will in all cases be furnished to a purchaser if required. In the case of any dispute the remedy of the purchaser shall be against the vendor only and in no case or under any circumstances against the auctioneer who is to be regarded for all intents and purposes as agent for a disclosed principal.
- 9.
- a. PAYMENT Unless prior credit arrangements have been made in writing with the auctioneer the full purchase price for each lot shall be due and payable to the auctioneer in cash upon acceptance of the highest bid or the highest bidder's offer by the vendor and prior to delivery. Notwithstanding that delivery is given to or possession obtained by the purchaser or his representative prior to the payment of the purchase money in full the property in any lot which is sold shall not pass to the purchaser until the full purchase price and all cheques, promissory notes, bills of exchange, acceptance orders or drafts given in connection with such payment have been paid and liquidated, and until property shall pass, the purchaser shall hold such lot as bailee, provided that in all cases should such payment not have been made and liquidated within 14 days of the date of the sale the auctioneer reserves the right to:-
- i. Rescind the contract on behalf of the vendor and repossess any resell any lot
- ii. Recover from the purchaser interest upon the purchase price at a rate per annum which aggregates the 90 day Bill Rate plus two percentum. For the purposes of this condition "the 90 day Bill Rate" is the rate published regularly in the Australian Financial Review, expressed as a percentage per annum. If at any time the Financial Review ceases to publish a 90 day Bill Rate, the auctioneer shall determine and advise the purchaser of the interest rate to apply for the purpose of this condition.
  - b. The auctioneer is selling as the del credere agent of the vendor and the full purchase price of any lot sold shall be payable by the purchaser to the auctioneer and be fully recoverable by the auctioneer in its own name.
- 10. If the purchaser shall neglect or fail to comply with any of the within conditions, any lot purchased by him may be immediately resold by public auction or private contract, with or without notice, at the risk of the former purchaser, who will be held responsible for all loss and expenses arising out of such resale, and shall not participate in any profit accruing therefrom.
- 11. Any vendor or purchaser removing the sale number from any lot after it has been sold will fully indemnify all affected parties for any loss, costs or damage should the lot be wrongly delivered.
- 12. The purchasers, if more thank one, shall be jointly and severally bound by these Terms and Conditions, and shall jointly and severally carry out and perform sale.
- 13. Any person who advances a bid on a lot shall do so on the expressed condition and understanding that should that person's bid be the highest bid and such bid is accepted by the vendor, then that person will be held personally liable for the price so agreed upon, regardless of the fact that that person may be acting on behalf of another party, either disclosed or undisclosed to the vendor or the auctioneer, provided however, that this Condition shall not in any way negate the vendor's right to claim against any principal and in such case the bidder's liability shall be construed to be by way of guarantee.

- 14. The auctioneer may, should it think fit, make arrangements on a purchaser's behalf for the feeding, watering, trucking, shipping of an general attendance to any lot after sale but no responsibility will be accepted by the auctioneer and all such service will be at the purchaser's risk and expense.
- 15. No lot will be delivered until the sales invoice has been checked and signed by the purchaser or his duly authorised representative.

16.

- a. Each lot in all cases shall be sold with all faults, if any, and excepting those conditions and warranties implied by the Trade Practices Act or any applicable State legislation which cannot be contractually excluded and excepting conditions and warranties expressly contained in these Terms an Conditions of Sale, any express or implied condition, statement or warranty, statutory or otherwise is hereby excluded. The auctioneer is not liable in respect of any error, mis-description or omission in any particulars appearing or stated regarding the descriptions or pedigrees of any lot offered for sale and no such error, mis-description or omission shall entitle the purchaser to annul the sale or reject the lot or claim any compensation, damage or abatement in price.
- b. Each lot will be sold subject to passing all veterinary tests required by the law of the State or country to which the purchaser intends to transport that particular lot, such tests to be undertaken at the purchaser's expense and concluded immediately following the sale. In the event of a lot failing to pass these tests, the sale shall be null and void, any purchase moneys paid by the purchaser shall be refunded and property in the lot shall revert to or remain with the vendor.
- 17. GUARANTEES OF FERTILITY:
  - a. BULLS

Save and except for calves at foot, all bulls are guaranteed breeders and to so prove within six months of the date of sale or by reaching the age of 30 months whichever date shall be the later

b. FEMALES

Save and except for female calves at foot, all females are guaranteed to be in calf or go into calf within six months of the date of sale or by the age of 30 months whichever date shall be the later. A positive pregnancy test certified by a qualified veterinary surgeon shall be sufficient evidence that the animal is in calf.

- c. Claims under Clause 17a. and 17b. guarantees of fertility shall be made to the vendor within six months from the date of sale or prior to the animal entering a quarantine area other than on the vendor's property.
- i. All claims must be accompanied by a veterinary certificate which shall clearly identify the basis of the claim

ii. Infertility resulting from injury or disease occurring after the sale of the animal shall not be covered by this guarantee.

- iii. The vendor retains the right to have the animal placed on a property nominated by him or returned to his own property for further assessment of fertility for a period not exceeding six months. In the event of the animal being proven fertile within the period, the costs incurred shall be borne by the purchaser. In the event of the animal not being proven fertile within the period the costs incurred shall be borne by the vendor.
  - d. LIABILITY OF A VENDOR

Except for costs defined elsewhere in the conditions of sale, the liability of a vendor in respect of claims relating to fertility shall not exceed the purchase price of the animal(s) or to provide mutually agreed upon replacement animals.

- REFUNDS
   In the event of a claim being substantiated and the purchase price being refunded, the animal/s shall automatically become the property of the vendor and be returned to him or disposed of according to his instructions at his expense.
- f. This guarantee shall be voided by the purchaser if:
- i. The animal is returned to the vendor -
- 1. In poor physical condition or with any injury;
- 2. Tests carried out on behalf of the vendor within fourteen days of such return proved positive to any diseases which may affect the animals fertility or ability to breed naturally; or
- ii. The purchaser has collected and stored semen from a bull or embryos from a female
  - g. In the event of a dispute as to whether a lot is a breeder, such dispute shall be resolved by the vendor and the purchaser and the auctioneer, while he will use his best endeavours to assist, shall have no liability or responsibility in that regard. In the event that a lot is alleged or proved not to be a breeder, the purchaser shall nevertheless be obliged to pay the auctioneer the full purchase price and any other monies or interest payable by the purchaser in accordance with these Terms and Conditions.
- 18.
  - a. Each lot shall be at the risk of the vendor in respect of any damage or injury, whether by disease, accident or otherwise, for the period that the lot be in the custody of the auctioneer, PROVIDED THAT the auctioneer, its servants, agents and employees shall use all reasonable care to protect and control the lot while it is in the auctioneer's custody AND PROVIDED THAT when a lot has been sold, it shall be at the risk of the purchaser in all respects.
  - b. If any vendor brings to the sale premises any lot which is dangerous, or infected with any disease, that vendor shall be liable for all injury, damages, costs, losses, or expenses which the auctioneer may sustain, incur or be put to either directly or indirectly as a result of the vendor so doing. The auctioneer reserves the right, at its absolute discretion, to exclude from the sale, or put out of the sale venue or dispose of, any lot which in its opinion shows signs of any disease, whether infectious, contagious or not, or of any serious fault or of being dangerous.
- 19. DELIVERY Except at the discretion of the auctioneer no lot shall be delivered to the purchaser unless payment of the purchase money together with any additional charges incurred including those expenses incurred by the auctioneer pursuant to Condition 14 hereof, is first made by the purchaser to the auctioneer. Release of lots may be withheld by the auctioneer until personal cheques are cleared.
- 20. In these Conditions:
  - a. References to "Auctioneer' shall be taken to mean as the context so admits, the selling agent or any member, subsidiary or related corporation or body, officer, agent or employee thereof, authorised by the vendor to conduct the sale of the lot;
    b. "Purchaser" shall have the meaning ascribed to it in Condition 1;
  - c. "Vendor" shall mean the person or corporation upon whose account lots are offered for sale and where a stud or farm is named shall mean the proprietor of that stud or farm.
  - d. "Lot" shall be taken to mean the animal offered for sale and/or sold by the auctioneer on behalf of a vendor.

#### **Important Notice**

The selling agent, its members, subsidiary or related corporations, officers, agents, and employees for themselves and for those for whom they act while exercising due care provide all information without responsibility and give no guarantee whatsoever as to its accuracy. All persons who attend the sale do so entirely at their risk and the selling agent, its members, subsidiary or related corporations, officers, agents, employees and its principals, for themselves and for those for whom they act, do not assume or accept any responsibility or liability of whatever nature for any injury or damage whatsoever which may occur.

The hammer price is exclusive of GST but GST will be applied to the final hammer price and included on the invoice.

Notes						
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Notes					
Raff Angus - FOCUSING ON THE NATURAL PROPERTIES OF ANGUS					
Raff Angus - PUTTING THE BEEF BACK INTO ANGUS					
Raff Angus - GROWTH AND YIELD COMPERABLE TO EURO BREEDS					

# "MUNDIBULANGA" DRILLHAM

From Drillham take the South Drillham Road over the railway line, straight ahead on to the gravel road for 6km to t-junction, turn right. "Mundibulanga" 2km on left.

