

SUPPLEMENTARY SHEETS

BIG SPRING SALE ~ 3rd SEPTEMBER 2021



Minnamurra
Speckle Park

-) Yes, you can attend our sale! The Minister for Health issued an exemption for genuine buyers to attend livestock auctions in NSW. You can download a travel permit from the Service NSW website. (If crossing state borders, you will need to comply with your state's protocols when going home).
-) No problems getting your bulls home. The Federal Government issued a Freight Movement Protocol that allows free movement of livestock by transport carriers into Qld, Vic & SA. In the event of delays, Minnamurra will hold bulls at "Mount Mill" free of charge until borders are clear.
-) All bulls vaccinated for ticks and Vibriosis, allowing access to Queensland.
-) All ruling COVID Protocols will be followed at the sale. Minnamurra has a COVID safety plan, including QR code sign-ins, social distancing and masks, if required.
-) Can't make it to the sale? Bid online on AuctionsPlus. Videos and catalogues featuring each bull are available on our website www.minnamurra.com.au, or scan this QR code:
-) To avoid congestion on sale day, please pre-register for the sale using the link on our webpage, then pick up your bid card from the Elders' desk when you arrive.

-) All sale animals were re-scanned on **Friday 27th August 2021** and the latest results appear in the tables below.

-) **The Average Weight of the 'Q' bull draft is 752 Kg.**



TWO-YEAR OLD 'Q' BULL SCANS

Lot No.	NAME	Date of Birth	Live Weight (kg)	Scrotal (cm)	EMA (cm)	P8 Fat (mm)	Rib Fat (mm)	IMF (%)
1	QUIESSENCE Q75	22/08/2019	752	38	115	23	14	6.7
2	QUANTOCK Q64	17/08/2019	822	40	123	23	14	7.0
3	QUOTIDIAN Q76	23/08/2019	Withdrawn					
4	QUADROON Q81	26/08/2019	824	37	125	19	12	6.5
5	QUESTACON Q39	1/08/2019	782	42	118	17	10	6.6
6	QUILLON Q34	20/07/2019	788	42	120	15	9	7.2
7	QUANGO Q68	20/08/2019	770	35	119	18	11	7.4
8	QUADRILLE Q66	19/08/2019	770	39	119	10	10	6.5
9	QUADRATIC Q57	12/08/2019	722	40	114	20	13	6.9
10	QUARTERMAINE Q65	18/08/2019	756	41	113	17	12	6.5
11	QUINTET Q42	10/08/2019	752	40	122	16	9	7.2
12	QUINTUS Q48	4/09/2019	812	39	120	19	12	6.8

Lot No.	NAME	Date of Birth	Live Weight (kg)	Scrotal (cm)	EMA (cm)	P8 Fat (mm)	Rib Fat (mm)	IMF (%)
13	QUARTET Q45	31/08/2019	780	38	120	15	9	6.8
14	QUADRUPAL Q79	25/08/2019	796	35	119	28	16	7.6
15	QUIETUDE Q70	20/08/2019	798	37	121	27	17	7.4
16	QUORUM Q62	16/08/2019	706	34	115	19	10	6.8
17	QUOTENIAL Q83	2/09/2019	704	36	112	17	9	6.5
18	QUALIFY Q54 (Unreg)	17/09/2019	672	35	113	15	9	6.3
19	QUERULOUS Q59	15/08/2019	692	35	119	17	9	7.0
20	QUADRUPLEX Q60	15/08/2019	748	39	117	19	11	7.1
21	QUADRAPHONIC Q67	19/08/2019	722	39	117	19	11	6.5
22	QUASIMODO Q36	24/07/2019	688	38	114	13	8	5.7
23	QUINTON Q82 (Unreg)	29/08/2019	734	40	118	29	17	6.7
24	QUINLAN Q15	4/03/2019	724	36	118	15	12	7.0

YEARLING 'R' BULL SCANS

The Average Weight of the 'R' bull draft is 594 Kg.

25	RASTUS R51	12/04/2020	728	39	112	16	10	7.4
26	RAYAN R11	13/03/2020	600	36	106	15	11	6.2
27	ROMAN R36	21/03/2020	660	39	106	16	9	7.0
28	ROCKSTAR R48	30/03/2020	646	33	105	7	6	6.3
29	REBEL R3	28/02/2020	628	38	103	19	12	7.4
30	ROYAL R45	25/03/2020	644	36	104	18	10	6.6
31	RANSOM R8	6/03/2020	646	40	103	13	10	6.8
32	RIO R25	22/03/2020	612	35	100	17	12	6.6
33	ROY R44	7/04/2020	582	35	106	15	9	5.9
34	RAYMOND R12	9/03/2020	614	38	99	12	7	5.3
35	REUBEN R15	10/03/2020	584	38	99	15	9	6.4
36	RICKY R23	30/03/2020	626	35	106	14	9	6.0
37	RYAN R47	26/04/2020	Withdrawn					
38	ROHAN R33	20/03/2020	666	35	110	13	9	6.4
39	ROCKY R30	16/03/2020	612	38	98	18	7	5.7

) **Note:** Catalogue errata: Lot 31 Ransom R8's dam is Minnamurra 4B Janette N22

YEARLING 'R' BULL SCANS

Lot No.	NAME	Date of Birth	Live Weight (kg)	Scrotal (cm)	EMA (cm)	P8 Fat (mm)	Rib Fat (mm)	IMF (%)
40	REVOLVER R52	16/04/2020	576	41	102	8	6	5.9
41	REX R17	10/03/2020	576	37	94	16	9	6.8
42	ROYCE R46	30/03/2020	548	32	97	13	8	6.1
43	ROLLAND R49	1/04/2020	574	36	100	13	7	6.5
44	ROLAND R34	23/03/2020	552	36	101	13	9	6.8
45	RAY R10	4/04/2020	600	38	100	12	10	6.9
46	RAPHAEL R9	21/03/2020	586	37	102	13	9	6.9
47	RAMON R5	19/03/2020	544	34	93	12	9	6.7
48	RAFAEL R1	3/03/2020	570	35	94	9	5	6.6
49	RAEBURN R50	6/05/2020	532	37	95	14	8	6.2
50	RODRIGO R31	27/03/2020	574	36	104	9	5	5.3
51	ROGAN R32	25/03/2020	562	35	100	15	8	6.3
52	RAMSEY R6	16/04/2020	508	36	93	12	9	6.7
53	RHETT R18	24/03/2020	586	37	110	13	9	5.7
54	ROCCO R27	24/03/2020	592	37	98	17	9	6.7
55	RYDER R4	25/02/2020	596	37	98	13	9	7.2
56	ROGER R28	30/03/2020	502	36	88	9	7	5.7
57	REAGAN R13	26/03/2020	Withdrawn					
58	ROBERTO R26	28/04/2020	530	36	90	11	8	5.5
59	REDSKIN R40 (Unreg)	1/04/2020	497	35	93	9	7	5.7

) **Note:** Lot 52 Ramsey R6 and Lot 58 Roberto R26 have developed scurs

YEARLING TROPICAL BULL SCANS

60	ROCKIN R646	Apr-2020	676	39	113	12	8	5.9
61	ROUNDABOUT R647	Apr-2020	634	38	106	11	7	5.4
62	REVELLER R649	Apr-2020	634	39	106	13	7	7.1
63	RIDDLER R648	Apr-2020	580	35	105	10	7	6.7

Bringing your new bulls home

Excerpt from Beef Central, 10/08/2021 by Alastair Rayner

In the leadup to a bull sale, most bull buyers are focussed on the process of identifying and selecting the right targets. These areas along with the actual process of bidding and purchasing tend to take attention off the other equally important part of the sale transaction – bringing the bulls home.

Sale time can be the cause of considerable amounts of stress for bulls. In the lead-up to sale, bulls are often handled more frequently as vendors wash them down, clip excess hair, apply paint brands and draft into sale pens. The sale is often an additional stress event with bulls being inspected and moved by many people over the course of a morning. Post-sale, the transport of bulls to their new home can often result in further stress. It is not unusual for bulls to be trucked some distance to a new location – often interstate. The impact of travel and confinement – often with unfamiliar animals – as well as weather events or climatic change encountered during travel all contribute to the amount of stress and fatigue bulls will experience over the sale process. As a result, many bulls suffer a drop in their fertility levels, post-sale.



This is described as Relocation-induced Depressed Fertility (RDF). The MLA Bull Power report considered RDF to be a fairly significant issue for many owners and properties. It suggests that there can be several different causes of RDF that may occur during transport, or soon after arrival at the new property. The stress of transport has been suggested to be very similar in effect to elevated testicular temperatures. This can cause testicular changes and may influence the morphology of the bull's semen as a result. RDF was initially considered to be a concern largely for bulls travelling longer distances as well as being relocated into more challenging environments. However, the research suggests that RDF can equally be an issue with bulls being moved over shorter distances and into environments that were not necessarily that harsh or challenging.

The research found up to half failed the Bull Breeding Soundness Examinations in the three-month period after the sale. The principal causes of many of the failures of these bulls to pass their BBSE after arrival appeared to be directly related to nutritional stress. Bulls that lost significant levels of body condition also had a reduction in scrotal circumference. The data found a high proportion of bulls that had significant loss for both body condition and scrotal size also produced semen that had less than 50% normal sperm. However, it was also found that when nutrition and body condition improved, that loss of fertility was reversed. In fact, the study found that RDF was an issue for bulls within six months of arrival in a new location. One other key finding of note was that Bos Tarus (British breeds) appeared to suffer the greatest drops in fertility as a result of poor nutrition.

Setting a program in place

Given these results, it is worth setting a program in place for new bulls focused on reducing the impact of RDF and ensuring bulls are fit to start work at joining. Traditionally new bull management focusses primarily on the immediate introduction of bulls to a new property. These recommendations include: Avoid mixing bulls for different properties of origin in the yards together; Allow bulls some company in the form of steers or older cows; Provide some hay and water in the yards. It's generally recommended that bulls should be given a few days to settle before moving them out into paddocks.

Most advice doesn't address the issues of RDF – primarily that of nutrition. Bulls will take some time to adjust to a new location and to adjust to new grazing conditions. The impact of temperature, humidity and unfamiliar pastures/feeds all contribute to reduce feed intake and lead to weight loss and to fertility depression. As part of the planning around bull purchases, it is worth considering how nutrition can be maintained while bulls acclimatise to new locations. In some cases, it may be providing access to good quality forage along with better pastures for a few weeks while bulls adjust. It may also require re-thinking paddocks to help bulls adjust to the temperatures of a new location. It is worth recognising that the stresses of sale and transport, along with adjusting to a new location will take some time for bulls to recover from. By planning to minimise the impacts these have, the period of time where bulls may be less fertile can be potentially reduced.



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