

Lot	Class	Wt	ADG	P8	Rib	EMA	SS	Morph %
1	S	827	1.07	9	7	125	38	85
2	S	807	1.09	9	7	130	36	90
3	S	851	1.06	12	9	118	36	76
4	S	873	1.23	10	8	134	39	86
5	S	791	1.10	15	9	123	38	72
6	S	795	1.10	14	8	124	39	86
7	S	837	1.04	13	9	122	38	69
8	S	767	0.96	8	6	112	40	85
9	S	776	1.04	11	7	123	40	83
10	S	728	0.94	11	7	127	37	91
11	S	798	0.98	9	7	126	39	90
12	S	742	0.96	8	6	118	41	79
13	S	820	0.98	10	6	128	38	90
14	S	790	0.98	12	7	133	41	82
15	S	708	0.97	4	3	118	39	64
16	S	676	0.93	11	7	113	38	75
17	C	702	0.94	7	5	114	39	91
18	S	748	1.06	7	5	122	38	85
19	S	794	1.02	11	7	125	40	87
20	S	752	0.93	11	7	113	43	61
21	S	826	1.04	15	9	126	38	89
22	S	764	0.92	10	6	123	37	87
23	S	764	0.91	7	5	115	37	84
24	WD							
25	S	796	0.98	11	7	124	38	80
26	S	716	0.92	4	2	113	39	90
27	S	714	1.00	9	6	121	38	79
28	S	780	1.02	12	8	117	40	74
29	S	817	1.12	15	9	127	43	92
30	S	757	1.09	9	6	118	38	83
31	S	773	1.10	11	7	116	37	85
32	S	837	1.09	9	6	132	40	69
33	S	793	0.98	11	7	132	43	73
34	S	867	1.09	12	8	128	44	73
35	S	817	1.06	9	5	124	40	69
36	S	815	1.03	11	7	124	38	77
37	S	803	1.06	13	9	125	42	69
38	S	803	1.04	9	6	131	41	84
39	S	717	0.92	13	7	118	39	59
40	S	741	1.02	12	8	117	40	82
41	S	771	1.08	7	5	114	37	85
42	S	769	1.15	9	6	134	37	93
43	S	736	0.92	9	7	125	39	79
44	S	750	0.92	6	5	122	39	92

Lot	Class	Wt	ADG	P8	Rib	EMA	SS	Morph %
45	S	708	0.95	9	6	121	42	85
46	S	706	0.99	8	6	115	42	92
47	S	750	1.04	7	5	127	40	92
48	S	778	0.96	9	6	127	43	72
49	S	770	0.91	11	8	126	38	83
50	S	686	0.93	6	4	112	38	66
51	S	768	1.06	9	6	130	41	77
52	S	716	0.91	5	4	122	38	81
53	S	772	0.96	9	6	123	36	88
54	S	702	0.96	8	6	124	37	84
55	S	772	0.96	11	8	117	39	81
56	S	768	1.01	9	7	118	41	71
57	S	692	1.01	7	5	115	38	59
58	S	746	1.08	12	7	120	37	76
59	S	738	0.91	8	5	115	39	91
60	S	660	0.99	14	7	122	34	83
61	S	726	0.88	5	4	110	40	92
62	S	750	0.95	8	6	118	36	86
63	WD							
64	C	844	0.86	6	4	131	37	82
65	C	826	0.85	9	6	124	41	93
66	C	712	0.84	4	3	108	43	94
67	C	788	1.01	10	6	126	40	80
68	C	772	0.94	7	6	122	36	85
69	C	768	0.96	11	6	117	37	67
70	C	730	0.94	6	5	120	42	69
71	C	792	0.98	10	6	127	43	52
72	C	712	0.87	7	5	124	42	63
73	C	748	0.97	5	4	131	38	94
74	C	786	0.99	7	5	130	39	91
75	C	744	1.02	10	7	125	37	74
76	C	702	0.99	12	7	126	36	56
77	C	670	0.94	7	5	117	34	97
78	WD							
79	C	786	1.14	10	6	123	42	94
80	C	808	1.19	8	6	127	39	76
81	C	682	1.02	7	5	113	37	92
82	C	748	1.02	8	5	120	38	95
83	C	730	1.14	8	6	127	37	89
84	WD							
85	C	660	0.94	4	3	121	36	51
86	C	776	0.96	9	5	116	43	73
87	WD							
88	C	674	0.87	8	5	113	37	80

Lot	Class	Wt	ADG	P8	Rib	EMA	SS	Morph %
89	C	624	0.91	9	6	117	37	93
90	C	646	0.90	6	4	114	41	61
91	C	700	0.85	6	5	121	39	90
92	C	660	0.91	10	6	113	40	93
93	C	686	0.92	6	5	112	38	68
94	C	670	0.92	8	6	116	35	62
95	C	642	0.91	7	5	116	39	77
96	C	698	1.04	9	6	121	38	66
97	C	674	0.96	11	8	123	36	94
98	C	666	0.82	9	6	128	34	84
99	C	672	0.94	8	6	110	35	67
100	C	660	0.85	11	6	125	39	78
101	WD							
102	S	692	0.98	6	5	118	36	81
103	S	688	0.98	4	3	112	41	94
104	S	626	0.89	10	6	114	36	79
105	S	646	0.91	10	7	113	36	89
106	S	608	0.85	6	4	112	36	76
107	S	670	0.95	8	5	114	36	73
108	S	680	0.92	3	2	115	40	71
109	S	654	1.03	9	6	127	39	75
110	S	684	0.92	9	6	122	37	89
111	S	672	1.10	9	6	116	36	90
112	S	584	0.86	6	5	112	33	91
113	S	584	0.86	4	3	124	35	90
114	WD							
115	WD							
116	S	694	0.95	5	4	121	42	83
117	S	714	0.92	10	7	122	37	82
118	S	710	1.06	10	6	122	43	62
119	S	738	1.03	7	5	124	34	77
120	S	626	0.88	8	5	124	40	88
121	S	632	0.86	6	4	121	34	91
122	S	644	0.96	6	4	118	36	87
123	S	670	0.91	5	4	118	40	85
124	C	686	0.95	11	8	110	39	56
125	C	837	1.13	9	6	127	37	63
126	C	827	1.02	10	6	127	39	80
127	C	829	1.10	16	9	118	43	80
128	C	787	1.04	14	8	122	39	89
129	C	779	1.07	9	7	130	41	78
130	C	813	1.24	10	7	124	41	86
131	C	757	0.98	10	6	125	41	85
132	C	669	0.95	9	7	117	38	89

Lot	Class	Wt	ADG	P8	Rib	EMA	SS	Morph %
133	S	652	0.88	7	5	118	37	86
134	S	616	0.92	8	5	120	36	85
135	WD							
136	C	688	0.97	8	6	116	42	72
137	C	632	0.87	9	6	118	39	95
138	C	636	0.96	8	5	122	35	69
139	C	674	0.97	10	6	118	35	85
140	C	628	0.88	7	5	123	35	89
141	S	594	0.83	8	5	115	36	92
142	S	604	0.95	6	5	108	35	69
143	S	680	0.93	7	5	124	38	95
144	S	648	0.95	8	5	112	33	90
145	S	692	1.01	7	5	113	39	75
146	S	716	0.87	6	5	122	37	62
147	S	746	1.05	10	7	118	40	86
148	S	682	0.92	7	5	118	36	86
149	S	688	0.98	9	6	117	35	77
150	S	738	0.95	9	6	117	39	53

Preparation

Lots 1-8, 29-42, and 125-132 (thirty bulls) have been prepared at Cardowan and while having had similar preparation to the Eidsvold sale team, they have been run in a smaller group. These sale lots have been shaded in the supplementary sheet.

Supplementary data

Scanned by David Reid, Accreditation Number 1011 on 02/09/17 at Cardowan and 05/09/17 at Eidsvold
Vet inspections and semen morphology by Ced Wise Veterinary Services, Stacey Rae, Monto Vet Surgery, Steve Kelly, Wooroolin Vet Services & Rocky Repro

Interpreting semen morphology results

Australia Association of Cattle Veterinarians have assigned the following thresholds to semen results:

✓ A tick indicates that a bull's semen morphology is above 70% normal. This means that bulls are highly likely to be fertile under natural mating. It is a preferred threshold for single sire mating, and there is a high probability that this semen can be frozen and used in artificial insemination programs.

PASS: A result of pass indicates that bulls have semen morphology between 50-69% normal. These bulls have a high probability of being fertile under natural mating, but caution should be exercised mating them in single sires or with high mating loads. This semen may not be suitable for freezing.

Vaccinations & Drenches

Tick Fever (3 Germ) administered as weaners

3 day sickness boosters given on 27/8/17

7 in 1, Pestil and Vibrio administered on 27/08/17 and 02/09/17

Dectomax injectable drench given to Eidsvold Sale Lots 15/09/17 and Sale Lots on 18/09/17

In the event of slaughter please follow the required withholding periods