

Preparation

Lots 21-28, 65-72, and 109-120 have been prepared at Cardowan and, have been run in a smaller group on the tail end of an oats crop with supplementary feed. These sale lots are shaded in the supplementary sheet. The remaining sale lots have had 90 days on oats at Belvedere.

The raw data of these two groups of bulls should only be compared within those groups. Preparation groups **should not** be compared between themselves. Breedplan data provides comparative data for between-group comparisons.

Supplementary data

Scanned by David Reid, Accreditation Number 1011

Vet inspection and Semen morphology collected by Stacey Rae, Monto Vet, Steve Kelly & Bell Vet Services. Samples processed at Rocky Repro

Vaccinations & Drenches

Tick Fever (3 Germ) administered as weaners

3 day sickness boosters given on 26/07/18

7 in 1 given on 26/07/18 and 3/09/18

Pesti and Vibrio administered on 26/07/18 and 3/09/18

Dectomax injectable drench given 14/9/18. In the event of slaughter please follow the required withholding periods

Interpreting semen morphology results

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

Bulls with semen morphology above 70% normal 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.

Bulls have semen morphology between 50-69% normal 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.

Lot	Tag ID	Wght	ADG	EMA	Rib	P8	SS	Sem%
1	N870ES	786	1.03	130	8	13	43	94
2	N078ES	768	1.04	118	8	13	40	94
3	N866ES	818	1.07	128	8	12	38	75
4	N440ES	760	1.03	123	8	14	39.5	85
5	N582ES	748	1.00	123	6	8	40.5	97
6	N874ES	786	1.00	120	7	9	39	91
7	N262ES	772	1.01	123	4	5	39.5	88
8	N508ES	748	1.00	122	8	13	38	87
9	N882ES	722	0.94	144	6	9	39	85
10	N016ES	790	1.04	132	4	6	40	79
11	N632ES	822	1.06	140	6	10	44	87
12	N012ES	692	0.95	123	5	7	34	90
13	N164	Withdrawn						
14	N010	772	1.02	125	10	16	40	72
15	N176ES	724	1.01	122	8	14	34.5	76
16	N446ES	760	0.98	114	5	7	38.5	82
17	N426ES	704	0.93	117	5	6	43	80
18	N038	Withdrawn						
19	N196ES	738	0.99	118	5	8	38	77
20	N572ES	716	0.96	115	6	7	39.5	87
21	N130	878	1.13	136	10	12	38.5	87
22	N334	836	1.22	123	7	13	39	76
23	N342	814	1.08	127	8	12	37.5	83
24	N016	772	1.02	133	8	12	39	91
25	N034	816	1.08	134	9	15	39	87
26	N022	840	1.14	130	7	9	43	94

Lot	Tag ID	Wght	ADG	EMA	Rib	P8	SS	Sem%
27	N048	828	1.10	140	7	10	37	83
28	N006	782	1.06	118	10	15	38	65
29	N540ES	694	0.94	116	6	8	37.5	78
30	N188	Withdrawn						
31	N216	690	1.02	122	7	10	38	91
32	N142ES	Withdrawn						
33	N886ES	734	0.93	128	7	10	37.5	87
34	N006ES	728	0.97	124	7	12	35	80
35	N120ES	722	0.95	123	6	8	38	73
36	N486ES	696	0.99	116	7	11	38.5	88
37	N266	Withdrawn						
38	N300	688	0.99	118	5	6	37	68
39	N044ES	716	0.93	132	8	13	38	87
40	N876ES	752	0.96	126	5	7	42	82
41	N188ES	746	1.03	124	5	7	38.5	56
42	N622ES	730	1.00	124	6	9	33	78
43	N034ES	716	0.94	132	6	8	39.5	83
44	N176	764	1.04	134	7	10	38	87
45	N132ES	682	0.92	113	6	10	35.5	80
46	N560ES	698	0.95	117	6	8	35	87
47	N576ES	686	0.91	117	4	6	37	68
48	N172ES	696	0.96	113	9	14	37.5	76
49	N144ES	742	1.04	122	4	5	36	69
50	N010ES	730	0.99	114	4	6	38	89
51	N156ES	694	0.96	116	5	8	36	95
52	N066ES	724	0.96	115	4	6	38	86

Lot	Tag ID	Wght	ADG	EMA	Rib	P8	SS	Sem%
53	N052	Withdrawn						
54	N482ES	678	0.91	114	6	8	38.5	79
55	N536ES	700	0.94	124	7	10	34	86
56	N134ES	664	0.88	115	5	5	34	89
57	N028	728	0.99	125	5	7	41	81
58	N492ES	688	0.95	117	8	12	35	81
59	N210ES	618	0.85	116	7	12	40	70
60	N264	710	1.05	117	5	7	34.5	89
61	N112ES	638	0.87	114	6	9	38	78
62	N226	Withdrawn						
63	N020ES	672	0.93	117	6	9	41	85
64	N196	Withdrawn						
65	N268	796	1.20	132	9	13	41	90
66	N112	802	1.07	124	7	10	39	84
67	N068	784	1.05	132	6	8	39.5	91
68	N118	754	1.00	133	9	17	42.5	91
69	N152	832	1.10	127	5	7	41.5	75
70	N170	802	1.06	134	8	9	40	86
71	N114	Withdrawn						
72	N058	810	1.11	125	9	13	38	87
73	N826ES	686	0.91	126	6	10	35	82
74	N022ES	728	0.97	130	5	7	40	72
75	N808ES	708	0.93	115	5	7	38	82
76	N738ES	756	1.02	134	8	10	36	74
77	N624ES	806	1.15	136	7	9	40	75
78	N442ES	756	1.01	125	3	4	40.5	75
79	N054	774	1.06	118	5	8	40.5	94
80	N348ES	770	0.99	123	5	6	38	70
81	N204ES	740	1.00	128	5	7	35	87
82	N750ES	698	1.02	120	6	8	35.5	76
83	N430	744	1.04	120	6	9	40	90
84	N448ES	680	0.96	116	5	7	40	87
85	N160ES	806	1.08	113	8	13	38	73
86	N868ES	740	0.96	127	7	10	36	85
87	N706ES	684	0.90	131	6	9	35	77
88	N190	Withdrawn						
89	N026	752	1.03	127	7	9	38	94
90	N450ES	Withdrawn						
91	N116ES	702	0.93	127	4	5	36	77
92	N256ES	Withdrawn						
93	N224ES	Withdrawn						
94	N520ES	646	0.86	108	5	7	38	82
95	N070ES	642	0.87	111	5	6	34	90
96	N252	Withdrawn						
97	N094	670	0.94	116	5	7	38.5	79

Lot	Tag ID	Wght	ADG	EMA	Rib	P8	SS	Sem%
98	N640ES	Withdrawn						
99	N154	688	0.96	122	4	6	36	85
100	N260ES	Withdrawn						
101	N904ES	730	0.95	120	9	16	44	82
102	N060ES	Withdrawn						
103	N192ES	636	0.88	124	5	7	38	69
104	N234	640	1.04	106	5	8	39	86
105	N452ES	658	0.96	115	6	8	37	61
106	N088	736	1.04	126	4	6	40	85
107	N064	754	1.04	115	8	13	38.5	85
108	N278	656	0.96	113	5	8	36.5	77
109	N122	736	0.98	121	7	11	38.5	81
110	N066	744	1.04	118	6	9	33	89
111	N074	748	0.99	117	7	12	39	93
112	N032	Withdrawn						
113	N072	682	0.93	117	8	12	37.5	68
114	N060	730	0.99	117	10	15	34	78
115	N340	742	1.08	126	8	13	35	85
116	N116	716	0.95	117	8	13	36.5	92
117	N258	750	1.12	133	8	12	41	88
118	N036	696	0.91	118	8	14	40.5	86
119	N078	784	1.11	127	9	14	40	85
120	N184	826	1.17	124	6	10	39.5	72
121	N300ES	704	0.92	115	5	7	43	62
122	N752ES	Withdrawn						
123	N790ES	780	1.04	120	10	12	39.5	76
124	N268ES	Withdrawn						
125	N780ES	670	0.87	115	4	6	37.5	75
126	N126	738	0.99	122	6	11	37	84
127	N454ES	652	0.97	118	3	4	39	94
128	N338	666	0.95	118	6	7	37	88
129	N166	Withdrawn						
130	N254ES	650	0.99	114	7	11	39	76
131	N344	680	0.92	110	4	5	37	81
132	N018ES	Withdrawn						
133	N322	652	0.95	113	5	7	36	79
134	N424ES	726	0.98	114	5	7	41	79
135	N106ES	646	0.85	112	5	9	38	57
136	N070	Withdrawn						
137	N050	680	0.95	126	6	9	37	68
138	N302	670	1.05	121	6	9	40	72
139	N018	662	0.90	112	7	9	39	79
140	N064ES	660	0.89	132	5	8	36	90