

Lot	Tad ID	Weight	ADG	P8	Rib	EMA	SS	Semen %
1	L078ES	765	1.10	15	9	120	40	78
2	L090	711	0.96	7	4	110	44	71
3	L066	813	1.03	15	10	120	36	70
4	L148ES	729	0.99	8	5	123	40	83
5	L152	845	1.19	12	8	130	40	82
6	L072	835	1.08	9	7	131	36	93
7	L080	857	1.10	12	7	118	41	75
8	L144ES	741	1.01	9	6	117	38	74
9	L086	878	1.11	12	8	125	45	87
10	L120	848	1.21	15	9	120	41	81
11	L078	892	1.13	14	9	131	37	78
12	L076	858	1.06	9	6	130	39	72
13	L004	818	1.03	14	9	116	38	87
14	L030	822	1.09	14	7	118	41	62
15	L070	782	0.96	10	7	121	35	72
16	L054	812	1.03	14	8	110	37	77
17	L238ES	711	0.97	11	7	110	38	58
18	L036ES	773	1.05	9	6	120	37	65
19	L056	799	1.02	9	6	114	37	84
20	L138	747	1.10	12	8	113	40	64
21	L082							WD
22	L156ES							WD
23	L094							WD
24	L070ES							WD
25	L186	773	1.05	15	8	125	39	79
26	L080ES	719	0.98	9	6	121	43	79
27	L122ES	685	0.95	8	6	120	39	82
28	L052	765	0.98	9	6	118	37	84
29	L146ES	661	0.90	8	5	118	39	72
30	L218ES	681	0.95	13	9	120	39	89
31	L366ES	689	1.04	6	5	117	38	76
32	L142ES	689	0.93	7	5	121	37	74
33	L008	788	0.97	8	6	109	43	83
34	L170	806	1.14	9	5	114	37	81
35	L038	768	1.02	8	6	113	38	79
36	L036							WD
37	L040							WD
38	L058	794	1.05	9	5	120	37	92
39	L048	768	0.98	8	6	115	37	60

40	L060	800	1.02	12	8	118	36	72
41	L254	689	0.98	5	4	113	36	73
42	L022ES	676	0.96	10	6	121	36	73
43	L184	711	1.07	14	8	106	39	90
44	L348ES	677	1.04	13	7	107	44	59
45	L174	725	1.06	9	6	121	41	67
46	L074ES	711	0.99	9	7	111	37	69
47	L256	665	0.95	8	5	106	41	72
48	L106ES	697	0.91	5	4	123	40	73
49	L094ES	733	1.03	11	7	113	39	83
50	L192ES	719	1.05	17	9	117	39	75
51	L240ES	733	1.00	14	10	115	38	59
52	L010ES	693	0.93	14	8	107	38	50
53	L118	741	1.07	11	7	115	41	77
54	L100ES	673	0.88	11	7	110	40	80
55	L096ES	711	1.01	15	9	115	40	50
56	L400ES	693	0.91	14	8	107	40	88
57	L224	675	0.90	13	8	116	38	79
58	L260ES	691	1.03	9	5	123	39	93
59	L026ES	725	1.01	12	7	112	41	90
60	L052ES	757	1.02	11	6	114	43	84
61	L042ES	687	0.96	6	4	107	40	58
62	L250ES	707	0.98	9	7	113	39	59
63	L072ES	737	1.04	16	10	112	41	75
64	L076ES	715	0.97	8	6	116	40	66
65	L196ES	709	1.02	8	6	117	37	88
66	L100	673	0.90	6	5	112	37	52
67	L108	651	0.90	8	5	113	38	79
68	L110ES	735	0.97	8	5	109	39	53
69	L056ES	643	0.92	8	5	106	40	84
70	L162	669	1.03	10	6	103	37	80
71	L126ES	629	0.89	6	4	111	36	65
72	L018ES	611	0.84	6	5	103	42	75
73	L562ES	723	1.03	9	7	110	41	83
74	L526ES	775	1.09	8	8	118	43	83
75	L544ES	697	0.97	12	8	104	40	88
76	L548ES	675	0.97	13	9	116	36	61
77	L150ES	677	0.95	7	4	122	37	69
78	L234	609	0.89	7	5	105	36	61
79	L130	661	0.92	5	4	103	36	57

80	L132	671	1.06	9	5	117	39	64
81	L044ES	761	1.04	14	8	120	44	53
82	L172ES	749	1.01	18	12	116	41	86
83	L360ES	747	1.06	6	5	105	40	72
84	L098ES	721	1.01	12	7	120	39	53
85	L034ES	759	1.03	9	6	118	37	84
86	L178	687	1.03	10	4	115	36	87
87	L154	663	0.98	10	7	109	40	88
88	L024ES	702	0.99	11	7	117	38	85
89	L032ES	657	0.88	3	3	105	38	87
90	L264ES	677	0.96	5	4	124	33	62
91	L066ES	585	0.80	5	5	112	36	71
92	L214ES	623	0.90	7	5	118	41	84
93	L222	717	1.00	17	10	121	40	64
94	L298ES	621	0.96	9	6	122	35	57
95	L232ES							WD
96	L040ES	665	0.92	6	5	118	41	51
97	L068	864	1.11	8	5	117	41	92
98	L210	814	1.21	12	7	111	38	82
99	L050	752	0.97	9	6	114	37	65
100	L010	718	0.89	9	5	108	36	90
101	L098	772	1.04	11	7	110	38	89
102	L126							WD
103	L172	766	1.09	13	8	109	39	87
104	L064	756	0.96	9	6	120	36	88
105	L246ES							WD
106	L264	641	0.95	6	4	105	34	79
107	L252ES	629	0.96	10	6	112	37	84
108	L270ES	625	0.91	7	5	107	37	70
109	L440ES	669	0.93	9	7	108	40	71
110	L168ES	631	0.87	11	7	105	36	77
111	L274	677	0.98	7	5	102	38	79
112	L456ES	667	0.90	8	5	107	40	77
113	L160	605	0.90	5	4	103	41	73
114	L108ES	675	0.92	9	5	112	37	89
115	L176ES	621	0.87	6	5	108	37	85
116	L226ES	687	0.93	6	4	111	42	73
117	L062	717	0.96	7	5	104	42	82
118	L084ES	677	0.98	8	5	115	41	93
119	L140ES	647	0.90	8	5	128	38	63

120	L184ES	661	0.90	9	6	108	39	83
121	L178ES	709	1.02	12	7	114	40	76

Preparation

Lots 9-16, 33-40, and 97-104 (twenty one 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 and have had a tremendous run of oats at Cardowan, averaging between 2 and 3 kg/day in the last few months. Their coats reflect the cooler climate.

These sale lots have been shaded in the supplementary sheet.

Supplementary data

Scanned by David Reid, Accreditation Number 1011 on 27/08/16 at Cardowan and 2/9/16 at Eidsvold

Semen morphology by Ced Wise & Rocky Repro, Steve Kelly & Peter McAuliffe

Vaccinations & Drenches

Tick Fever (3 Germ) administered as weaners

3 day sickness boosters given on 10/08/16

7 in 1 booster given on 10/08/16

Pesti and Vibrio administered on 11/7/16 and 10/8/16

Dectomax injectable drench given 2/9/16. 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:

✓ 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.

Catalogue Notes

Age in months in catalogue was at time of data extraction on July 31.