

Breeding soundness by Ced Wise. Semen morphology by Ced Wise (collection & crush-side) & Peter McAuliffe (laboratory analysis)
Scanned by David Reid, Accreditation Number 1011 on 05/09/11

Interpreting semen morphology results

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

✓ A tick indicates that a bulls 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.

GS: Pinaroo 859

Sire of Lot 14 is: Pinaroo 1038

GD: Pinaroo S146

Lot 25 & 26 are catalogued in incorrect order. The information is correct. They will be sold in order of Lot 25, then Lot 26.

Lifetime daily gains have been calculated allowing for a 32 kg birth weight

Lot No	Weight 16/9/11	Lifetime Daily Gain	Semen Morph %	SS (cm)	EMA (cm)	Rib fat (mm)	P8 fat (mm)
1	823	1.12	✓	40	118	8	14
2	777	1.07	PASS	40	113	8	14
3	765	0.97	PASS	39	123	5	9
4	799	1.08	✓	41	123	7	11
5	749	1.01	✓	40	108	7	12
6	795	1.03	✓	39.5	118	9	14
7	753	1.03	✓	39	114	7	11
8	761	1.09	✓	40	113	7	11
9	781	0.99	✓	37.5	116	7	13
10	793	1.03	PASS	38	123	7	10
11	763	1.03	✓	41	111	7	11
12	747	0.99	✓	38	110	6	10
13	WITHDRAWN						
14	801	1.08	✓	37.5	118	6	9
15	801	1.14	✓	39	125	5	7
16	769	1.04	✓	40	115	6	10
17	755	1.04	✓	40.5	118	6	9
18	765	1.06	✓	42	107	6	9
19	827	1.09	✓	44	120	8	15
20	773	1.02	✓	37	111	5	7
21	775	1.07	✓	37	124	7	13
22	783	1.07	✓	40	118	8	13
23	751	0.97	✓	40	105	7	13
24	737	1.06	✓	39	111	7	9
25	673	0.95	✓	40	107	6	9

Lot No	Weight 16/9/11	Lifetime Daily Gain	Semen Morph %	SS (cm)	EMA (cm)	Rib fat (mm)	P8 fat (mm)
26	743	1.00	✓	43	117	8	14
27	717	1.02	✓	36	114	7	12
28	731	1.01	✓	38	111	6	9
29	WITHDRAWN						
30	761	1.10	✓	39	105	6	11
31	789	1.02	PASS	40	108	6	11
32	707	0.98	✓	36	107	7	11
33	673	0.97	PASS	38	107	7	9
34	727	1.00	✓	37	127	7	9
35	743	1.06	✓	37	121	7	12
36	706	0.95	✓	35	103	6	10
37	695	1.00	✓	40	114	5	7
38	753	1.05	✓	40	112	7	11
39	WITHDRAWN						
40	721	0.99	✓	40	106	7	11
41	781	1.04	✓	38	122	7	10
42	671	0.89	✓	36	115	7	12
43	721	0.98	✓	41	113	9	17
44	723	1.00	✓	38	118	8	12
45	721	1.04	✓	37	107	7	13
46	695	0.97	✓	40	112	7	11
47	761	1.10	✓	45	110	5	7
48	731	1.05	✓	38	104	10	18
49	723	1.01	✓	39	124	9	15
50	673	0.89	PASS	36	118	8	15



Greenup Eidsvold Station Sale Team Supplementary Sheet 2011

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Lot No	Weight 16/9/11	Lifetime Daily Gain	Semen Morph %	SS (cm)	EMA (cm)	Rib fat (mm)	P8 fat (mm)
51	681	0.97	✓	41.5	115	5	7
52	683	0.91	✓	37	109	7	10
53	723	1.01	✓	40	109	8	13
54	725	0.98	✓	38	110	8	16
55	701	0.95	✓	38	110	8	13
56	737	1.01	✓	39	110	6	9
57	657	0.89	✓	39	107	5	8
58	653	0.93	✓	39	105	7	13
59	715	0.92	✓	36	118	5	9
60	743	1.06	✓	36	107	5	9
61	719	1.04	✓	35.5	104	7	12
62	739	1.00	✓	38	114	8	13
63	649	0.86	✓	34	111	7	11
64	WITHDRAWN						
65	703	1.01	✓	40	118	4	6
66	685	0.92	✓	40.5	117	5	6
67	675	0.95	✓	35	111	8	14
68	669	0.91	✓	36	104	7	14
69	737	0.97	PASS	41	118	6	11
70	691	0.94	✓	40	112	4	7
71	WITHDRAWN						
72	695	0.92	✓	37	101	5	9
73	695	0.99	✓	37	105	6	10
74	755	1.05	✓	40	118	5	7
75	WITHDRAWN						
76	773	1.01	PASS	39	117	5	9

Lot No	Weight 16/9/11	Lifetime Daily Gain	Semen Morph %	SS (cm)	EMA (cm)	Rib fat (mm)	P8 fat (mm)
77	721	0.98	✓	41	116	6	9
78	721	0.93	✓	41	109	6	11
79	713	1.01	✓	37	107	5	8
80	715	0.97	✓	39	117	6	11
81	709	0.91	✓	38	111	6	9
82	WITHDRAWN						
83	727	0.98	✓	40	117	6	7
84	725	0.99	✓	36	110	8	16
85	683	0.91	✓	44	105	6	11
86	727	1.00	✓	40	118	5	7
87	WITHDRAWN						
88	631	0.80	✓	40	107	7	13
89	633	0.88	✓	38	114	8	16
90	629	0.85	✓	37	112	5	9
91	747	1.01	PASS	37	118	5	7
92	741	0.98	✓	38	116	6	9
93	703	0.97	✓	43	112	6	8
94	745	0.96	✓	40	108	7	13
95	713	0.96	✓	40	113	7	11
96	677	0.92	✓	38	112	6	9
97	747	0.97	✓	40	112	5	9
98	737	0.95	✓	40	109	6	8
99	709	1.00	✓	43	114	4	6
100	635	0.92	✓	40	102	5	7
101	623	0.85	✓	36	100	5	8
102	651	0.88	✓	38	104	5	8
103	655	0.95	✓	34	114	7	11

Thank-you very much for joining us at Eidsvold today. We wish you every success with your purchases and for the season ahead. Please let us show our appreciation and join us for a beverage and a catch up.

Rick & Alice