

Dunlop Santa Sire Sale Supplementary Sheet 2013

Semen collection and crush-side examination by Paul Kenny

Semen Morphology by John Cooper Q.C.A.H.(Lab Analysis)- JUST GENES AB SERVICES

Scanned by Paul Kenny, Accreditation Number 1039 on 22/08/13

Interpreting Semen Morphology Results

Australian Association of cattle Veterinarians have assigned the following thresholds to semen results.

A tick indicates that a bulls semen morphology is 70% normal or above. 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 AI 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.

LOT No.	AGE (mths)	WEIGHT (kg)	A.D.G. (kg/day)	EMA cm	RUMP (mm)	RIB (mm)	SCROTAL (cm)	SEMEN MORPH
1	22	0	-0.05	126	15	8	39	PASS
2	22	0	-0.05	122	11	9	41	✓
3	23	858	1.17	130	13	9	40.5	✓
4	23	776	1.07	126	12	8	41	✓
5	23	904	1.22	135	13	12	41.5	✓
6	23	940	1.29	130	12	8	36	✓
7	24	848	1.11	130	10	8	42	✓
8	WITHDRAWN							
9	23	836	1.14	129	11	10	36	✓
10	23	814	1.11	125	12	10	39.5	✓
11	23	894	1.20	130	12	10	38.5	✓
12	23	825	1.10	119	13	10	42.5	✓
13	22	848	1.19	132	10	8	39.5	✓
14	23	800	1.08	133	14	11	39	✓
15	23	782	1.06	120	16	11	39	PASS
16	23	778	1.06	124	13	10	38	✓
17	23	822	1.11	125	10	9	38	✓
18	24	842	1.11	125	13	8	39	✓
19	23	743	1.01	110	9	7	37	✓
20	22	772	1.10	125	9	9	39.5	✓
21	22	790	1.10	117	10	6	38.5	✓
22	23	775	1.05	124	10	7	36	✓
23	23	780	1.06	123	13	8	39.5	✓
24	22	766	1.12	113	6	5	34.5	✓
25	23	802	1.07	121	6	6	40.5	✓
26	24	880	1.14	118	8	5	39	✓
27-30	These lots have been withdrawn							
31	22	788	1.12	116	9	9	37	✓
32	22	721	1.01	114	7	4	38	✓
33	23	766	1.02	128	17	13	39	✓
34	22	766	1.08	125	7	7	38	✓
35	WITHDRAWN							
36	23	740	1.01	117	8	6	41	✓
37	23	762	1.06	125	13	10	38.5	✓
38	24	739	0.96	125	12	8	40	✓

LOT	AGE	WEIGHT	A.D.G.	EMA	RUMP	RIB	SCROTAL	MORPH	
39	21	698	1.04	124	13	9	41	✓	
40	23	726	1.00	118	11	7	40	✓	
41	22	705	1.01	118	14	8	40.5	✓	
42	23	790	1.06	119	10	8	41	✓	
43	22	706	1.00	120	12	9	40.5	✓	
44	22	710	0.98	125	11	7	37	PASS	
45			WITHDRAWN						
46	22	772	1.10	125	10	7	36	✓	
47	22	724	1.03	121	12	10	37.5	✓	
48	22	724	1.03	114	12	9	41.5	✓	
49	23	666	0.90	125	10	10	39	✓	
50			WITHDRAWN						
51	22	695	1.00	112	11	7	34.5	✓	
52	23	730	0.98	118	7	4	40	✓	
53	20	700	1.07	123	10	9	40.5	✓	
54	23	722	0.97	110	10	7	39.5	✓	
55	23	848	1.14	123	7	5	39	✓	
56	23			126	10	8	38	✓	
57	23	880	1.21	121	12	10	39	✓	
58	24	822	1.09	127	13	10	38	✓	
59			WITHDRAWN						
60	25	866	1.10	132	9	7	42	✓	
61	23	822	1.11	127	14	12	41	✓	
62	23	794	1.06	131	10	9	41.5	✓	
63	23	816	1.11	130	7	6	40	✓	
64	23	844	1.14	134	6	5	41.5	✓	
65	23	800	1.06	134	9	7	38.5	✓	
66	22		-0.05	127	7	6	38.5	✓	
67	23		WITHDRAWN						
68	23	752	1.02	130	16	8	42	✓	
69	23	804	1.10	128	12	12	39	✓	
70	22	770	1.04	132	11	10	36	✓	
71	22		WITHDRAWN						
72	23	822	1.11	117	7	5	40	✓	
73	22	760	1.06	120	6	5	39	✓	
74	23	710	0.94	114	8	4	34.5	✓	
75	23	820	1.12	125	13	9	39.5	✓	
76	23	754	1.03	127	9	7	39	✓	
77	22	800	1.15	117	10	9	41	✓	
78	23	744	1.00	122	14	9	38	✓	
79	23	708	0.97	115	12	10	39.5	PASS	
80-81	These lots have been withdrawn								
82			WITHDRAWN						
83	20	740	1.16	120	14	9	40.5	✓	
84	23	743	1.01	130	10	8	39	✓	
85	22	706	0.98	117	10	5	36	✓	
86	22	734	1.05	120	10	8	39	✓	

Average daily gain has been calculated after subtracting 32kg for estimated birth weight