

DUNLOP SANTA SIRE SALE

SUPPLEMENTARY SHEET 2018

Interpreting Semen Morphology Results

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

- Bull's semen morphology 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
- Bull's 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

Lots 1-12 Scanned by David Reid Lots 13-100 Scanned by Paul Kenny, Accreditation Number 1039

Lots 13-100 Weighed 21/08/18

Lots 1-12 Weighed 5/9/18

A.D.G calculated after subtracting 32kg for birth weight

LOT	P/H	AGE (mths)	WEIGHT (kg)	A.D.G. (kg/day)	RUMP (mm)	RIB (mm)	EMA (cm)	IMF	SCROTAL (cm)	SEMEN MORPH %
1	H	23	948	1.30	12	9	124	3.8	40.5	77
2	H	23	926	1.28	13	10	137	5.8	40.5	81
3	P	22	990	1.40	14	12	136	5.1	42	78
4	P	23	940	1.29	15	9	135	6.2	41	75
5	P	22	892	1.26	16	13	140	4.7	42	76
6	P	21	906	1.33	16	12	126	5.4	40.5	79
7	H	20	910	1.40	22	14	132	4.8	37.5	78
8	H	20	938	1.49	14	10	136	4.4	39	72
9	P	23	1000	1.38	14	9	131	3.6	39	72
10	P	23	970	1.33	16	10	133	4.7	42	80
11	H	22	1012	1.42	17	10	143	3.7	43	84
12	H	23	924	1.23	11	8	133	4.4	40	81
13	H	23	1025	1.42	15	16	137	5.0	41.5	74
14	H	24	958	1.28	14	11	131	4.9	41	80
15	H	22	944	1.36	13	11	133	4.7	42	72
16	H	22	914	1.33	15	15	135	4.4	40.5	83
17	H	23	882	1.21	14	14	134	5.0	41.5	79
18	H	24	876	1.17	14	12	127	5.0	40.5	78
19	H	23	852	1.19	19	13	133	5.6	40	81
20	H	22	860	1.25	15	13	133	5.5	38	81
21	H	24	922	1.23	13	12	136	4.8	39	71
22	H	24	932	1.26	15	14	138	5.6	42.5	73
23	H	23	888	1.25	13	13	133	4.9	39.5	76
24	P	21	844	1.26	14	11	129	4.5	38.5	83
25	P	23	1002	1.37	13	13	134	4.9	40	73
26	PS	23	862	1.18	11	10	138	4.4	39	85
27	P	21	838	1.25	14	14	135	4.3	41	71
28	P	21	902	1.35	14	13	137	5.3	43.5	85
29	P	21	844	1.26	12	11	134	4.7	39	80
30	P	23	826	1.13	11	11	133	4.7	41.5	74

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LOT No.	P/H	AGE (mths)	WEIGHT (kg)	A.D.G. (kg/day)	RUMP (mm)	RIB (mm)	EMA (cm)	IMF	SCROTAL (cm)	SEMEN MORPH
31	PP	23	864	1.18	16	14	130	5.3	39	73
32	P	22	878	1.25	14	12	135	5.3	41.5	84
33			WITHDRAWN							
34			WITHDRAWN							
35	PS	23	836	1.13	13	11	132	4.8	44	72
36	PP	22	926	1.31	13	11	133	4.5	41	82
37	P	22	858	1.23	13	12	135	5.1	41	71
38	P	22	828	1.21	13	13	133	5.0	40.5	74
39	P	22	760	1.08	12	12	130	4.4	39	83
40	PS	20	780	1.23	13	12	128	5.0	44	83
41	P	22	800	1.15	15	13	133	5.0	41	79
42	P	22	838	1.26	13	12	133	5.2	40	82
43	P	22	816	1.16	13	13	130	5.2	38	72
44	P	22	802	1.16	14	11	130	4.9	39	75
45	PS	21	776	1.16	12	12	127	4.3	39	71
46	H	23	908	1.28	13	11	133	4.1	40	75
47	H	23	896	1.26	13	13	134	5.3	40.5	74
48	H	23	906	1.27	13	12	138	5.2	43	77
49	H	22	916	1.32	13	9	134	4.9	39.5	79
50	H	22	880	1.24	16	15	137	5.6	39.5	74
51	H	23	904	1.25	14	12	134	5.6	41	71
52	H	23	934	1.28	14	13	134	5.2	40	76
53	H	21	930	1.39	15	14	136	4.7	41.5	84
54	H	22	810	1.17	12	12	131	4.4	41	77
55	H	22	846	1.25	15	13	136	5.1	41	75
56	H	23	840	1.15	13	13	134	4.5	38	83
57	H	22	834	1.21	14	12	134	5.0	39	83
58	H	24	904	1.21	12	11	137	4.5	40	78
59	H	22	844	1.27	13	11	132	4.0	40	72
60	H	22	796	1.18	11	11	130	4.2	38.5	82
61	H	22	834	1.25	14	13	131	4.9	43	79
62	H	22	808	1.15	14	12	127	5.0	38.5	75
63	H	22	734	1.11	14	12	130	4.5	39	80
64	P	23	842	1.19	15	15	136	5.2	40	77
65	P	23	902	1.26	15	14	133	5.3	41	81
66	P	22	872	1.30	18	14	133	5.7	38.5	80
67	P	22	886	1.26	16	14	135	5.3	41	80
68	P	22	850	1.28	13	11	129	4.5	39	83
69	P	22	804	1.16	13	13	130	5.2	39	79
70	H	24	780	1.05	16	13	127	5.5	41.5	79

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LOT No.	P/H	AGE (mths)	WEIGHT (kg)	A.D.G. (kg/day)	RUMP (mm)	RIB (mm)	EMA (cm)	IMF	SCROTAL (cm)	SEMEN MORPH
71	H	24	900	1.21	15	13	135	4.9	39.5	84
72	H	22	912	1.31	13	11	132	4.8	39	79
73	H	20	830	1.30	13	11	132	4.5	42	72
74	H	23	834	1.16	16	15	131	5.0	41	74
75	PP	23	812	1.12	12	9	122	4.3	41.5	78
76	P	23	812	1.12	19	17	125	5.4	43	80
77	PS	23	800	1.09	14	11	130	4.8	39	74
78	P	24	876	1.18	13	11	129	5.0	39	78
79	P	21	828	1.24	12	12	138	4.8	41.5	75
80	P	20	746	1.17	12	10	125	4.8	37	78
81	P	23	782	1.07	14	11	128	4.7	40	81
82	P	23	814	1.13	13	13	133	5.0	40	72
83	PS	21	844	1.29	14	12	131	5.0	38.5	75
84	PS	22	788	1.11	11	10	126	5.1	40.5	72
85	P	22	814	1.19	16	15	126	5.3	41	77
86	PS	22	782	1.16	13	13	132	5.0	41.5	79
87	PP	20	758	1.18	13	11	127	4.4	41	71
88	PP	23	758	1.06	12	11	131	4.5	38	78
89	P	23	774	1.08	15	14	131	5.5	39.5	83
90	P	22	792	1.13	12	10	126	4.3	39.5	75
91	H	22	790	1.18	13	11	131	4.8	40	84
92	H	24	862	1.16	18	16	133	5.3	42.5	72
93	H	23	782	1.09	11	11	129	4.9	39	74
94	H	23	756	1.03	13	11	128	4.9	41	79
95	H	20	788	1.24	17	14	129	4.9	37	73
96	H	23	740	1.04	15	13	132	5.3	43	81
97	P	22	850	1.28	13	11	130	4.9	40.5	71
98	PS	22	864	1.29	12	12	137	5.0	39	76
99	P	23	832	1.17	11	11	126	4.5	43	75
100	P	23	876	1.23	14	13	132	5.2	42.5	84

Thank You

for attending our annual sale