

# Palgrove Annual Bull Sale 08/09/2023



Lot No.	AGE Mths	Wt. Kgs	Fat Cover		EMA cm <sup>2</sup>	IMF %	SS cm	Semen Test	
			P8	RIB					
<b>Charolais Bulls</b>									
1	25	902	12	11	138	7.0	35	Y	<b>Homozygous Polled</b>
2	25	930	8	5	140	5.5	42	Y	Semen Retained.
3	23	920	8	6	152	4.8	36	Y	Semen Retained.
4	25	876	8	5	141	4.6	42	Y	Semen Retained.
5	NO LOT								
6	WITHDRAWN								
7	23	860	9	7	142	5.3	43	Y	Semen Retained.
8	25	830	10	7	136	4.5	40	Y	
9	24	862	9	6	143	4.8	43	Y	
10	24	928	6	5	150	3.8	43	Y	<b>Homozygous Polled.</b>
12	24	866	9	7	144	5.6	41	Y	
11	WITHDRAWN								
13	25	866	10	7	144	6.5	40	Y	
14	24	908	12	8	136	5.8	36	Y	
15	24	940	8	6	144	5.6	40	Y	
16	26	920	8	5	145	5.3	42	Y	
17	25	880	8	6	133	4.3	43	Y	
18	24	886	10	6	126	4.5	44	Y	
19	24	908	9	7	145	5.6	42	Y	
20	25	880	8	6	128	5.4	44	Y	
21	24	920	9	6	143	5.1	44	Y	*Note – Error in Catalogue - Heterozygous Polled not Homozygous Polled & small abscess on dewlap.
22	24	870	10	7	128	4.3	45	Y	
23	23	830	8	6	126	4.3	44	Y	<b>Homozygous Polled.</b>
24	25	892	7	5	130	5.8	44	Y	
25	24	910	8	6	140	4.2	45	Y	
26	25	892	10	7	148	4.6	42	Y	<b>Homozygous Polled.</b>
27	25	890	7	6	132	4.2	43	Y	
28	24	818	10	6	140	4.8	42	Y	
29	25	832	8	6	134	5.2	42	Y	
30	25	890	7	5	138	5.4	43	Y	
31	24	918	10	7	144	4.5	45	Y	<b>Homozygous Polled.</b>
32	WITHDRAWN								
33	25	798	7	7	135	5.7	38	Y	
34	WITHDRAWN								
35	25	814	9	6	130	4.3	38	Y	
36	26	848	6	5	125	5.5	37	Y	
37	25	868	7	6	132	3.8	44	Y	
38	26	852	9	6	131	5.6	37	Y	
39	24	812	7	5	136	5.4	40	Y	<b>Homozygous Polled.</b>
40	24	828	8	5	136	5.2	38	Y	<b>Homozygous Polled.</b>

Lot No.	AGE Mths	Wt. Kgs	Fat Cover		EMA cm <sup>2</sup>	IMF %	SS cm	Semen Test	
			P8	RIB					
41	25	834	6	6	134	4.8	45	Y	
42	24	850	7	5	127	5.4	40	Y	
43	24	860	8	6	132	4.3	40	Y	
44	25	864	6	5	146	3.8	39	Y	<b>Homozygous Polled.</b>
45	WITHDRAWN								
46	23	824	8	7	128	4.9	45	Y	
47	23	842	7	5	145	5.2	37	Y	
48	24	822	7	6	130	5.7	39	Y	
49	24	824	8	6	126	6.2	40	Y	<b>Homozygous Polled.</b>
50	24	754	8	6	135	4.2	36	Y	<b>Homozygous Polled.</b>
51	24	790	8	6	136	6.2	37	Y	<b>Homozygous Polled.</b>
52	WITHDRAWN								
53	23	754	6	5	124	3.6	38	Y	
54	23	820	6	6	131	4.3	39	Y	
55	23	800	6	5	125	4.7	40	Y	
56	24	798	7	6	134	4.2	38	Y	
57	22	810	7	6	130	4.7	41	Y	
58	18	680	7	5	123	4.8	36	Y	<b>Homozygous Polled. Semen Retained.</b>
59	18	730	6	2	127	4.7	34	Y	
60	18	696	5	5	115	4.1	41	Y	
61	17	690	6	5	118	5.1	41	Y	Semen Retained.
62	18	686	6	5	116	4.8	37	Y	
63	18	724	6	5	112	4.7	38	Y	
64	17	652	6	5	120	4.7	40	Y	
65	17	628	5	5	111	4.8	41	Y	
66	17	652	8	6	113	5.2	38	Y	
67	18	640	5	5	115	4.1	38	Y	
68	16	670	8	5	117	5.7	41	Y	
69	16	658	5	4	108	3.8	42	Y	
70	16	656	7	5	118	4.6	38	Y	<b>Homozygous Polled.</b>
71	17	662	8	6	120	4.4	37	Y	
72	17	628	8	5	115	5.4	38	Y	
73	17	688	8	6	112	4.4	41	Y	
74	WITHDRAWN								
75	16	596	6	4	108	6.4	37	Y	<b>Homozygous Polled.</b>
76	22	808	9	6	130	3.8	43	Y	<b>Homozygous Polled.</b>
77	24	866	8	6	141	3.8	44	Y	<b>Homozygous Polled.</b>
78	23	826	9	6	127	4.3	40	Y	<b>Homozygous Polled.</b>
79	24	858	7	5	128	5.3	40	Y	
80	24	812	9	6	121	4.3	38	Y	
81	24	834	7	5	132	5.2	43	Y	
82	23	810	9	6	131	4.8	42	Y	
83	23	880	8	6	140	4.8	43	Y	
84	24	794	6	6	131	4.6	44	Y	
85	24	814	7	5	128	3.8	43	Y	
86	24	836	8	6	141	4.4	44	Y	
87	24	770	6	5	128	4.5	41	Y	

Lot No.	AGE Mths	Wt. Kgs	Fat Cover		EMA cm <sup>2</sup>	IMF %	SS cm	Semen Test	
			P8	RIB					
88	WITHDRAWN								
89	24	864	9	6	136	4.6	41	Y	
90	24	802	6	5	140	4.3	40	Y	
91	24	840	7	6	128	4.6	40	Y	<b>Homozygous Polled.</b>
92	23	790	7	6	128	4.1	40	Y	
93	WITHDRAWN								
94	23	798	8	6	127	4.3	36	Y	<b>Homozygous Polled.</b>
95	24	814	6	5	134	3.7	39	Y	
96	WITHDRAWN								
97	WITHDRAWN								
98	25	802	6	5	122	4.3	42	Y	
99	24	800	11	8	133	6.3	38	Y	<b>Homozygous Polled.</b>
100	23	808	10	7	140	6.5	36	Y	<b>Homozygous Polled.</b>
101	23	852	8	6	131	4.6	45	Y	
102	23	794	10	7	128	3.7	41	Y	
103	23	804	8	7	128	4.8	40	Y	<b>Homozygous Polled.</b>
104	25	804	8	7	123	4.4	40	Y	<b>Homozygous Polled.</b>
105	24	780	7	5	125	4.6	41	Y	
106	25	804	9	6	130	4.6	45	Y	
107	25	768	7	6	126	6.1	43	Y	
108	24	740	7	5	120	3.7	40	Y	
109	23	752	6	5	130	4.5	41	Y	
110	WITHDRAWN								

#### Ultrablack Bulls

111	25	846	11	7	124	7.4	46	Y	
112	25	888	9	7	136	5.5	44	Y	Semen Retained.
113	25	926	13	9	150	6.4	44	Y	Semen Retained.
114	26	878	14	11	144	6.7	42	Y	Semen Retained.
115	25	874	16	10	140	7.4	44	Y	
116	24	892	9	7	140	6.2	45	Y	
117	25	866	10	7	130	6.7	40	Y	
118	25	842	11	8	136	5.7	43	Y	
119	24	796	12	8	133	5.4	45	Y	
120	25	784	13	9	135	4.7	38	Y	
121	25	828	11	8	136	5.7	46	Y	
122	25	914	12	10	128	7.3	45	Y	
123	24	882	16	10	122	7.4	44	Y	
124	24	914	16	14	132	7.4	43	Y	
125	WITHDRAWN								
126	26	832	12	7	125	6.1	43	Y	
127	24	812	13	8	115	6.5	45	Y	
128	24	810	11	7	124	5.6	41	Y	
129	24	864	9	7	127	4.8	40	Y	
130	26	760	13	10	130	5.8	40	Y	
131	25	840	10	7	134	6.6	43	Y	
132	25	822	13	10	124	6.7	45	Y	*Note – old scar off side eye.

Lot No.	AGE Mths	Wt. Kgs	Fat Cover		EMA cm <sup>2</sup>	IMF %	SS cm	Semen Test	
			P8	RIB					
133	24	768	9	6	125	7.0	41	Y	
134	25	780	9	6	120	5.5	44	Y	
135	24	782	13	8	123	4.6	41	Y	
136	26	816	14	9	124	5.4	38	Y	
137	25	850	13	8	130	4.6	42	Y	
138	25	798	9	7	120	5.1	35	Y	
139	25	746	12	7	123	5.4	39	Y	
140	25	806	11	7	130	6.8	38	Y	*Note – Error in Catalogue – PV not SV.
141	25	816	13	11	126	7.1	45	Y	
142	26	786	11	8	130	7.4	41	Y	*Note – Error in Catalogue, Birthweight 41Kg not 31kg.
143	17	666	9	6	117	5.7	41	Y	Semen Retained.
144	WITHDRAWN								
145	WITHDRAWN								
146	17	600	9	7	120	4.8	39	Y	
147	18	672	9	7	127	7.3	40	Y	
148	17	698	11	8	125	6.7	42	Y	
149	WITHDRAWN								
150	WITHDRAWN								
151	18	648	10	7	117	6.5	38	Y	
152	17	622	14	9	113	5.3	36	Y	
153	17	650	8	7	110	7.1	39	Y	
154	18	658	11	7	115	6.6	40	Y	
155	18	626	11	8	110	6.7	40	Y	
156	18	626	13	9	118	6.6	37	Y	
157	18	572	9	7	111	6.8	39	Y	
158	WITHDRAWN								
159	16	664	13	9	112	7.2	40	Y	
160	17	618	9	6	105	7.0	40	Y	
161	17	636	12	9	116	6.7	38	Y	
162	16	580	15	10	114	6.7	36	Y	
163	16	576	11	7	113	6.4	40	Y	
164	18	604	13	10	114	5.4	35	Y	
165	WITHDRAWN								
166	18	610	7	6	125	7.1	38	Y	
167	18	604	10	7	113	5.8	42	Y	
168	16	582	13	9	114	6.4	38	Y	
169	18	602	13	9	113	7.0	39	Y	
170	18	586	11	8	114	5.5	36	Y	
171	24	786	4	7	130	6.0	41	Y	Semen Retained.
172	23	796	11	8	128	6.7	42	Y	
173	24	764	10	8	124	5.8	43	Y	
174	23	802	11	9	123	6.5	41	Y	
175	25	796	15	10	133	5.8	46	Y	Semen Retained.
176	25	810	9	7	135	6.8	40	Y	
177	25	800	13	9	127	7.1	44	Y	

Lot No.	AGE Mths	Wt. Kgs	Fat Cover		EMA cm <sup>2</sup>	IMF %	SS cm	Semen Test	
			P8	RIB					
178	24	786	9	7	130	5.4	42	Y	*Note: old abscess on offside neck, has healed.
179	WITHDRAWN								
180	25	830	10	7	127	6.5	43	Y	
181	26	790	13	10	123	7.4	42	Y	
182	25	738	11	8	124	6.8	42	Y	
183	24	754	10	7	117	6.2	44	Y	
184	24	824	13	9	125	7.7	48	Y	
185	25	778	12	9	130	6.2	45.5	Y	
186	WITHDRAWN								
187	24	790	15	9	134	7.1	38	Y	
188	WITHDRAWN								
189	23	740	9	6	118	4.7	42	Y	
190	24	772	10	7	128	7.2	38	Y	
191	24	776	11	9	126	6.5	42	Y	
192	25	804	13	8	113	7.2	41	Y	
193	24	732	11	8	123	6.4	46	Y	
194	24	804	12	9	130	6.3	43	Y	
195	23	744	15	9	134	7.1	43	Y	*Note: old scar near side eye
196	23	746	9	6	133	5.8	41	Y	
197	25	788	11	7	130	6.2	40	Y	
198	23	756	16	11	125	6.7	38	Y	
199	25	792	14	8	127	6.5	44	Y	*Note: Slight swelling in right testicle at semen test, vet approved.
200	24	774	10	8	133	6.1	42	Y	
201	24	780	11	7	121	6.4	41	Y	
202	24	740	9	6	132	5.8	43	Y	
203	24	768	10	7	125	7.1	39	Y	
204	24	772	11	8	130	6.5	41	Y	
205	23	708	9	6	134	5.4	37	Y	
206	25	670	8	6	127	5.5	41	Y	
207	25	726	10	8	122	6.5	43	Y	
208	24	778	9	6	127	5.8	44	Y	
209	25	822	15	10	125	7.4	44	Y	
210	26	750	9	6	126	6.7	40	Y	
<b>Withdrawn Lots:</b>									
5, 6, 11, 32, 34, 45, 52, 74, 88, 93, 96, 97, 110, 125, 144, 145, 149, 150, 158, 165, 179, 186, 188									

**Lot 79 -Updated EBV's**

August 2023 Australasian Charolais BREEDPLAN Analysis																
	Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt. (kg)	400 Day Wt. (kg)	600 Day Wt. (kg)	Mat. Cow Wt. (kg)	Milk (kg)	Scrotal Size (cm)	Carcass Wt. (kg)	Eye Muscle Area (sq. cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+1.2	-0.1	-2.3	+0.8	+17	+33	+36	+37	+4	+0.3	+25	+2.5	+0.9	+0.9	+0.7	-0.6
Accuracy	42%	39%	74%	59%	65%	66%	61%	57%	53%	75%	55%	52%	54%	52%	53%	51%

SELECTION INDEX VALUES		
Market Target	Index Value	Breed Average
Domestic Terminal Index (\$)	+\$ 34	+\$ 24
Northern Maternal Index (\$)	+\$ 50	+\$ 39
Explanation of Index Values		

Please note – We have included Motility/Morphology results for those bulls who have passed motility and shown improvement on Morphology Retest. Initial tests were performed on 1/8/23 and retest 22/8/23. Ideal circumstances would allow 8 weeks between Retest. These bulls will have a BBSE certificate from Ced Wise and Palgrove will guarantee their fertility. We have included below their raw data;



**Report: Bull Sperm Morphology Evaluation**

Owner: Palgrove									
Date: 15/08/2023									
Collected by: CWAB Services									
Place of examination: CWAB Services									
Lot	Motility	Morph	PD	MP	HT	PY	KA	VT	SA
122	60	41	3	36	9	0	0	18	1
153	60	48	3	21	17	0	0	24	2
184	75	58	6	1	15	1	0	24	0
194	90	62	0	3	1	0	0	35	0
207	80	69	1	2	4	0	0	25	1
209	80	62	3	5	6	1	9	24	0

**Abbreviations - abnormalities - tolerance levels(%)**

<b><u>%N - Functionally normal - 70%</u></b>
PD - Prox Cytoplasmic drops - 20%
MP - Mid piece abnorm - 30%
T&H - Abn tails & Loose heads - 30%
PY - Pyriform heads - 20%
KA - Knobbed Acrosome - 30%
V&T - Vacuoles/Teratoid - 20%
SA - Swollen acrosome - 30%

**Result Explanations**

Tick - Normal cells $\geq 70\%$ (If abnormalities < tolerance levels (%))
Qualified - Normal cells between 50% - 69% (If abnormalities < tolerance levels (%))
Fail - Normal cells less than 49% (If abnormalities < tolerance levels (%))