

2013 ROYAL MELBOURNE SHOW

THE BORTHWICK TROPHY

AWARDED TO

SOUTH DEVON

Exhibit 111, Billabong High School

Exhibit 222, Team H – King and Button

Exhibit 226, Team H – The Bend South Devons

Place	Breed	Exhibit Numbers		
		1	2	3
1	South Devon	111	222	226
2	Limousin	165	180	239
3	Charolais	102	148	162
4	Shorthorn	136	173	243
5	Angus	184	105	220
6	Murray Grey	183	194	195
7	Poll Hereford	133	241	134
8	Simmental	170	205	233
9	Red Poll	109	237	236
10	Hereford	163	178	179

Live Score	Carcase Points			Carcase Total	Grand Total
	1	2	3		
84	91.62	90.37	87.43	269.42	353.42
86	89.55	84.12	88.82	262.49	348.49
79	89.80	79.46	90.19	259.45	338.45
77	89.32	91.42	72.18	252.92	329.92
73	90.90	85.55	78.57	255.02	328.02
67	87.41	85.31	76.80	249.52	316.52
58	86.94	81.04	86.31	254.29	312.29
68	79.74	81.03	70.92	231.69	299.69
54	81.13	83.59	79.13	243.85	297.85
73	78.42	79.56	50.50	208.48	281.48

HISTORICAL WINNERS OF THE BORTHWICK TROPHY

1953 Angus	1969 Poll Shorthorn	1985 Poll Hereford	2001 Shorthorn
1954 Angus	1970 Poll Shorthorn	1986 Angus	2002 Shorthorn
1955 Angus	1971 Hereford	1987 Angus	2003 Shorthorn
1956 Hereford	1972 Murray Grey	1988 Angus	2004 Murray Grey
1957 Angus	1973 Murray Grey	1989 Angus	2005 Charolais
1958 Angus	1974 Angus	1990 Murray Grey	2006 Charolais
1959 Angus	1975 Murray Grey	1991 Charolais	2007 Charolais
1960 Poll Hereford	1976 Murray Grey	1992 Charolais	2008 Limousin
1961 Angus	1977 Murray Grey	1993 Murray Grey	2009 Limousin
1962 Poll Hereford	1978 Galloway	1994 Murray Grey	2010 Simmental
1963 Angus	1979 Galloway	1995 Murray Grey	2011 Limousin
1964 Angus	1980 Galloway	1996 Murray Grey	2012 Limousin
1965 Angus	1981 Murray Grey	1997 Hereford	2013 South Devon
1966 Angus	1982 Angus	1998 Shorthorn	
1967 Murray Grey	1983 Hereford	1999 Angus	
1968 Angus	1984 Angus	2000 Murray Grey	

18 BEEF CARCASE RESULTS

2013 ROYAL MELBOURNE SHOW CARCASE COMPETITION

Class: 2 - B - Medium Domestic - Weight 180.1 - 240 Kg

Tag	Mkt	Live Weight	HSCW	Dress	Breed	Exhibitor Details	Market Specifications *							Saleable Meat Yield **					MSA - Eating Quality ***											
							P8 Fat		MC		FC	DIST	Penalty	Total	RFT		EMA		Total	TBC	Sex	Hump	OSS	AUS	MSA	pH	Total	Grand	Carcass	Live Heat
							(mm)	/ 10	1a-7	/ 5	Value	/ 5	/ 20	(mm)	/ 15	sq	/ 20	/ 35	/ 20		(mm)	MB	MB	/ 45		Place	Place			
184	B	400	229	57%	AA	Marcus Oldham	9	10	1C	5	1	3.5	0	19	5	15	76	20	35	0	M	45	110	1.0	370	5.56	37.40	90.90	1	
244	B	397	220	55%	SS	Yanco Agricultural High School	8	10	1C	5	0	3	0	18	5	15	77	20	35	0	M	45	100	1.0	290	5.52	37.34	90.34	2	
186	B	392	212	54%	RA	Phillips Beef	9	10	1B	5	1	3.5	0	19	6	15	73	20	35	0	M	45	110	1.0	310	5.50	36.81	90.29	3	
150	B	416	237	57%	AA	Gundagai High School	6	10	1C	5	0	3	0	18	5	15	78	20	35	0	M	50	110	1.0	300	5.47	36.73	89.73		4
127	B	414	220	53%	HH	Finley High School	10	10	1C	5	1	3	0	18	6	15	76	20	35	0	M	50	130	1.0	370	5.54	36.25	89.25		5
142	B	430	238	55%	AAXMG	Geelong Grammar School, Timbertop	7	10	1B	5	1	3.5	0	19	6	15	71	17	32	0	M	55	100	2.0	420	5.45	39.25	89.23		
240	B	396	213	54%	LL	Yanco Agricultural High School	9	10	1B	5	0	3	0	18	5	15	74	20	35	0	M	45	120	1.0	300	5.52	35.79	88.79		2
131	B	359	212	59%	LL	Finley High School	5	9	1B	5	0	2.5	0	17	5	15	76	20	35	0	M	55	100	0.0	190	5.49	36.08	87.58		2
117	B	425	235	55%	LLXLL/RP	Bruangil Park	7	10	2	4	1	2.5	0	17	6	15	76	20	35	0	F	45	150	2.0	390	5.59	35.80	86.87		2
145	B	428	227	53%	CCXMG	Geelong Grammar School, Timbertop	4	7	1B	5	1	3	0	15	6	15	78	20	35	0	M	60	110	0.0	260	5.47	36.55	86.55		
147	B	430	229	53%	CCXMG	Geelong Grammar School, Timbertop	9	10	1C	5	1	3	0	18	9	13	74	19	32	0	M	55	110	0.0	220	5.49	36.36	86.35		
134	B	440	239	54%	PH	Finley High School	7	10	1C	5	0	3.5	0	19	8	15	75	19	34	0	M	50	120	0.0	190	5.55	34.17	86.31		
130	B	410	214	52%	HH	Finley High School	5	9	1B	5	1	3	0	17	6	15	68	17	32	0	M	50	100	1.0	280	5.49	37.34	86.30		
143	B	382	212	55%	CCXMG	Geelong Grammar School, Timbertop	5	9	1B	5	1	3	0	17	4	12	72	19	31	0	M	55	100	1.0	360	5.49	37.70	86.11		
245	B	412	216	52%	SS	Yanco Agricultural High School	8	10	1B	5	1	3	0	18	5	15	66	16	31	0	M	50	100	1.0	280	5.50	36.85	85.50		
144	B	394	213	54%	SPXMG	Geelong Grammar School, Timbertop	4	7	1C	5	1	3	0	15	6	15	68	17	32	0	M	50	110	1.0	280	5.49	36.67	83.72		3
237	B	356	191	54%	RP	Gay Ward	5	9	1B	5	1	3	0	17	6	15	59	14	29	0	M	50	100	1.0	310	5.43	37.62	83.59		
201	B	366	205	56%	ALXCC	St Mary of The Angels College	11	8	2	4	0	3	0	15	7	15	67	17	32	0	M	50	120	1.0	310	5.59	36.17	83.39		4
139	B	440	236	54%	AAXMG	Geelong Grammar School, Timbertop	8	10	1B	5	0	3	0	18	8	15	63	12	27	0	M	55	110	1.0	360	5.47	37.42	82.56		
141	B	366	195	53%	AAXMG	Geelong Grammar School, Timbertop	10	10	2	4	0	3.5	0	18	5	15	56	12	27	0	M	45	100	1.0	280	5.62	36.84	81.25		
205	B	427	235	55%	SI	St Mary of The Angels College	4	7	2	4	2	2.5	0	14	5	15	70	16	31	0	M	55	100	0.0	200	5.59	36.34	81.03		
114	B	350	194	55%	SPXSS	Billabong High School	12	6	1B	5	1	3.5	0	15	7	15	61	15	30	0	F	45	130	1.0	370	5.45	36.60	80.92		

Class continued over page

Disclaimer Legend

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*Market Specifications

P8 Fat - P8 Fat (mm)
 MC - Meat Colour (1a - 7)
 FC - Fat Colour (0 - 8)
 DIST - Fat Distribution (1 - 5)

** Saleable Meat Yield

RFT - Rib Fat (mm)
 EMA - Eye Muscle Area (sq cm)

*** MSA - Eating Quality

TBC - Tropical Breed Content (%)
 Sex - Male or Female (M/F)
 Hump - Hump Height
 OSS - Ossification (100 - 590)
 AUSMB - AusMeat Marbling (0 - 9)
 MSAMB - MSA Marbling (100 - 1100)
 pH - Meat pH

MSA Specification

To receive eating quality points, carcasses must meet minimum MSA specifications. Reasons carcasses receive no points:
 1. Rib Fat less than 3mm
 2. Fat distribution inadequate
 3. pH above 5.7
 4. Meat colour of 1a or greater than 3

2013 ROYAL MELBOURNE SHOW CARCASE COMPETITION

Class: 2 - B - Medium Domestic - Weight 180.1 - 240 Kg (continued)

Tag	Mkt	Live Weight	HSCW	Dress	Breed	Exhibitor Details	Market Specifications *						Saleable Meat Yield **					MSA - Eating Quality ***						Carcass Place	Live Heat Place					
							P8 Fat		MC		FC	DIST	Penalty	Total	RFT		EMA		Total	TBC	Sex	Hump	OSS			AUS MB	MSA MB	pH	Total	Grand
							(mm)	/ 10	1a-7	/ 5					Value	/ 5	/ 20	(mm)												
151	B	423	238	56%	AA	Gundagai High School	12	6	1B	5	0	3	0	14	9	13	70	16	29	0	M	50	110	1.0	350	5.57	37.41	80.32		
122	B	387	208	54%	PH	Emmanuel College Inc	8	10	2	4	1	3	0	17	6	15	57	11	26	0	M	55	100	0.0	250	5.51	36.79	80.08		
236	B	428	228	53%	RP	Gay Ward	9	10	2	4	0	4	0	18	7	15	58	10	25	0	M	45	130	1.0	340	5.50	36.09	79.13		
220	B	420	228	54%	AA	Team H - Cattle Care	10	10	1B	5	1	3	0	18	7	15	56	9	24	0	M	60	130	2.0	390	5.58	36.66	78.57		
238	B	360	194	54%	AAXAA/SI	Yanco Agricultural High School	4	7	1C	5	0	2.5	0	15	4	12	60	14	26	0	M	50	100	1.0	330	5.57	37.39	78.15		
199	B	402	230	57%	WB	Rutherglen High School	13	4	1B	5	0	3	0	12	10	11	84	20	31	0	F	50	160	1.0	340	5.53	34.31	77.31		
242	B	365	198	54%	SIXAA	Yanco Agricultural High School	4	7	1C	5	0	2.5	0	15	3	8	69	19	27	0	M	50	130	1.0	360	5.48	35.76	77.24		5
187	B	399	219	55%	AA	Rural Industry Skill Training	4	7	1B	5	1	3	0	15	3	8	73	19	27	0	M	45	120	0.0	260	5.53	34.76	77.09		
140	B	399	216	54%	AAXMG	Geelong Grammar School, Timbertop	4	7	1C	5	1	3	0	15	4	12	60	12	24	0	M	50	100	0.0	180	5.48	35.31	74.57		
129	B	367	195	53%	HH	Finley High School	10	10	1C	5	1	2.5	0	18	3	8	59	14	22	0	M	55	100	0.0	180	5.52	34.99	74.09		
243	B	418	218	52%	SS	Yanco Agricultural High School	17	0	1C	5	0	3	0	8	9	13	63	14	27	0	M	60	110	1.0	350	5.57	37.41	72.18		
233	B	387	206	53%	SI	VPC Cattle Services P/L	3	5	1B	5	1	2.5	0	13	3	8	64	15	23	0	M	45	100	0.0	180	5.48	34.99	70.92		
193	B	383	212	55%	LLXLL/CC	Rural Industry Skill Training	1	0	2	4	1	2	0	6	3	8	87	20	28	0	M	45	110	0.0	210	5.57	34.19	68.19		3
215	B	313	172	55%	RP	Ian Staff	4	7	2	4	0	3	4	10	3	8	53	12	20	0	M	45	110	0.0	180	5.49	34.16	64.47		
214	B	333	182	55%	RP	Ian Staff	2	3	2	4	1	2	0	9	3	8	54	12	20	0	M	45	100	0.0	180	5.51	34.99	63.96		
108	B	397	234	59%	LL	Billabong High School	5	9	3	2	0	2.5	0	14	5	15	89	20	35	0	M	60	110	0.0	160	5.79	0.00	48.50		1
217	B	362	210	58%	LL	Team H - B & S Griffiths	2	3	1B	5	1	2	0	10	2	4	87	20	24	0	M	60	100	0.0	190	5.49	0.00	34.00		
192	B	328	184	56%	LL	Rural Industry Skill Training	2	3	1B	5	1	2	0	10	2	4	67	19	23	0	F	45	130	0.0	170	5.42	0.00	33.13		1
104	B	376	201	53%	AA	Ballam Park Pastoral Co	3	5	3	2	1	2.5	0	10	1	0	71	20	20	0	M	50	110	0.0	200	5.84	0.00	29.34		

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***Market Specifications**

P8 Fat - P8 Fat (mm)
 MC - Meat Colour (1a - 7)
 FC - Fat Colour (0 - 8)
 DIST - Fat Distribution (1 - 5)

**** Saleable Meat Yield**

RFT - Rib Fat (mm)
 EMA - Eye Muscle Area (sq cm)

***** MSA - Eating Quality**

TBC - Tropical Breed Content (%)
 Sex - Male or Female (M/F)
 Hump - Hump Height
 OSS - Osification (100 - 590)
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MSA Specification

To receive eating quality points, carcasses must meet minimum MSA specifications. Reasons carcasses receive no points:
 1. Rib Fat less than 3mm
 2. Fat distribution inadequate
 3. pH above 5.7
 4. Meat colour of 1a or greater than 3

20 BEEF CARCASE RESULTS

2013 ROYAL MELBOURNE SHOW CARCASE COMPETITION

Class: 3 - Heavy Domestic 240.1- 300Kg

Tag	Mkt	Live Weight	HSCW	Dress	Breed	Exhibitor Details	Market Specifications *							Saleable Meat Yield **					MSA - Eating Quality ***							Carcase Place	Live Heat Place				
							P8 Fat		MC		FC	DIST	Penalty	Total	RFT		EMA		Total	TBC	Sex	Hump		OSS	AUS			MSA	pH	Total	Grand
							(mm)	/ 10	1a-7	/ 5	Value	/ 5	/ 20	(mm)	/ 15	sq	/ 20	/ 35	(mm)	MB	MB	/ 45									
173	C	502	283	56%	SS	Longerenong College	10	10	1B	5	1	4	0	19	9	15	86	20	35	0	M	70	120	2.0	400	5.48	37.42	91.42	1		
154	C	508	274	54%	RAXCC	JNP Charolais	8	10	1B	5	1	3.5	0	19	7	15	84	20	35	0	M	55	110	2.0	410	5.51	37.49	90.99	2		
121	C	450	242	54%	HH	Emmanuel College Inc	10	10	1B	5	1	3.5	0	19	6	15	81	20	35	0	M	55	110	2.0	390	5.48	37.44	90.94	3		
103	C	450	263	58%	CCXAA/SI	Ashwood Park Charolais	6	8	1B	5	1	3	0	16	7	15	82	20	35	0	M	65	100	2.0	460	5.44	39.49	90.49		2	
182	C	458	274	60%	LLXSI	Nagle College	10	10	1B	5	0	3	0	18	8	15	108	20	35	0	M	60	110	1.0	340	5.44	37.39	90.39		3	
222	C	492	259	53%	SD	Team H - King & Button	10	10	1B	5	1	3.5	0	19	9	15	84	20	35	0	M	65	110	1.0	310	5.49	36.87	90.37		3	
162	C	478	274	57%	CC	Longerenong College	9	10	1B	5	1	3	0	18	5	13	87	20	33	0	M	60	100	2.0	420	5.48	39.19	90.19		4	
102	C	502	270	54%	CC	Ashwood Park Charolais	10	10	1B	5	1	2.5	0	18	9	15	90	20	35	0	M	60	140	2.0	450	5.46	37.30	89.80			
175	C	420	254	60%	BAXAA	Nagle College	10	10	1B	5	0	2	0	17	6	15	106	20	35	0	F	50	130	2.0	410	5.48	37.63	89.63		1	
165	C	455	267	59%	LL	Longerenong College	9	10	1B	5	0	3	0	18	6	15	104	20	35	0	M	70	120	1.0	330	5.45	36.55	89.55		1	
197	C	476	278	58%	BLXLL	Rutherglen High School	9	10	1C	5	1	3	0	18	9	15	82	19	34	0	M	60	110	2.0	400	5.49	37.49	89.55			
136	C	437	246	56%	SS	Finley High School	10	10	1C	5	1	3.5	0	19	9	15	80	20	35	0	M	50	130	1.0	320	5.53	35.82	89.32		4	
146	C	475	256	54%	MG	Geelong Grammar School, Timbertop	10	10	1C	5	1	3.5	0	19	7	15	77	18	33	0	M	55	110	2.0	390	5.51	37.46	89.19			
181	C	478	297	62%	LLXAA	Nagle College	10	10	1B	5	0	3	0	18	7	15	99	20	35	0	M	70	120	1.0	290	5.43	36.10	89.10		2	
218	C	459	266	58%	LLXAA	Team H - B & S Griffiths	10	10	1C	5	0	3	0	18	7	15	83	20	35	0	M	60	130	1.0	330	5.48	35.83	88.83			
177	C	462	269	58%	HH	Nagle College	9	10	1B	5	0	4	0	19	8	15	74	15	30	0	M	60	100	2.0	390	5.46	39.11	88.47			
176	C	467	262	56%	HH	Nagle College	12	10	1C	5	1	3.5	0	19	9	15	78	18	33	0	M	60	120	1.0	290	5.51	36.52	88.27			
209	C	453	258	57%	LL	St Pauls College	9	10	1C	5	1	3	0	18	5	13	99	20	33	0	M	60	110	1.0	280	5.51	36.62	87.62			
226	C	466	244	52%	SD	Team H - The Bend South Devon	10	10	1B	5	0	3	0	18	5	13	76	19	32	0	M	45	100	1.0	340	5.52	37.67	87.43		2	
183	C	460	267	58%	MG	Nagle College	13	10	1B	5	0	3.5	0	19	10	15	74	16	31	0	M	55	110	2.0	420	5.44	38.37	87.41			
223	C	472	266	56%	BAXHH	Team H - Lynford Park Blondes	9	10	1C	5	1	3	0	18	8	15	76	17	32	0	M	55	100	1.0	280	5.50	37.56	87.32			
115	C	487	300	62%	LLXLL/AA	Bruangil Park	10	10	1B	5	1	2.5	0	18	6	15	100	20	35	0	M	65	130	0.0	250	5.45	34.71	87.21		1	

Class continued over page

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***Market Specifications**

P8 Fat - P8 Fat (mm)
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 FC - Fat Colour (0 - 8)
 DIST - Fat Distribution (1 - 5)

**** Saleable Meat Yield**

RFT - Rib Fat (mm)
 EMA - Eye Muscle Area (sq cm)

***** MSA - Eating Quality**

TBC - Tropical Breed Content (%)
 Sex - Male or Female (M/F)
 Hump - Hump Height
 OSS - Ossification (100 - 590)
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 pH - Meat pH

MSA Specification

To receive eating quality points, carcasses must meet minimum MSA specifications.

Reasons carcasses receive no points:

1. Rib Fat less than 3mm
2. Fat distribution inadequate
3. pH above 5.7
4. Meat colour of 1a or greater than 3

2013 ROYAL MELBOURNE SHOW CARCASE COMPETITION

Class: 3 - Heavy Domestic 240.1- 300Kg (continued)

Tag	Mkt	Live Weight	HSCW	Dress	Breed	Exhibitor Details	Market Specifications *					Saleable Meat Yield **					MSA - Eating Quality ***					Carcase Place	Live Heat Place							
							P8 Fat (mm) / 10	MC 1a-7 / 5	FC Value / 5	DIST / 5	Penalty	Total / 20	RFT (mm) / 15	EMA sq / 20	Total / 35	TBC	Sex	Hump (mm)	OSS	AUS MB	MSA MB			pH	Total / 45	Grand				
161	C	432	254	59%	CC	Longerenong College	8	10	1C	5	1	3	0	18	8	15	77	18	33	0	M	60	130	1.0	310	5.53	35.74	87.16		5
133	C	508	280	55%	PH	Finley High School	14	8	1C	5	0	3.5	0	17	11	13	86	20	33	0	M	60	110	1.0	360	5.46	37.44	86.94		
208	C	465	246	53%	AA	St Pauls College	15	6	1B	5	0	4	0	15	7	15	77	19	34	0	M	45	110	1.0	360	5.44	37.41	86.55		
212	C	492	271	55%	SIXAA	St Pauls College	10	10	1C	5	1	2.5	0	18	6	15	87	20	35	0	M	65	140	0.0	240	5.49	33.15	85.65		
105	C	456	265	58%	AA	Billabong High School	10	10	1C	5	1	3.5	0	19	10	15	70	14	29	0	M	55	110	2.0	420	5.49	38.60	85.55		
200	C	494	278	56%	WB	Rutherglen High School	9	10	1C	5	1	3.5	0	19	5	13	88	20	33	0	F	60	160	1.0	340	5.46	34.00	85.50		
112	C	498	280	56%	SIXAA	Billabong High School	10	10	1C	5	1	3	0	18	9	15	76	16	31	0	M	60	110	1.0	300	5.51	36.86	85.34		
153	C	424	251	59%	GA	Heazlewood Family	8	10	1C	5	0	3.5	0	19	4	10	96	20	30	0	M	50	120	1.0	360	5.49	36.69	85.19		3
138	C	467	245	52%	AAXMG	Geelong Grammar School, Timbertop	10	10	1C	5	1	3	0	18	7	15	70	15	30	0	M	45	110	1.0	300	5.48	36.81	85.09		
156	C	436	270	62%	LL	Kerang Technical High School	5	7	1C	5	1	2.5	0	15	6	15	97	20	35	0	M	65	110	0.0	220	5.52	35.59	85.09		1
106	C	433	253	58%	LL	Billabong High School	10	10	1C	5	1	2.5	0	18	7	15	87	20	35	0	F	50	140	0.0	150	5.50	32.42	84.92		
118	C	447	242	54%	MG	Dajory Murray Greys	9	10	2	4	0	3.5	0	18	6	15	72	17	32	0	M	60	130	1.0	310	5.49	35.65	84.83		
128	C	524	277	53%	HH	Finley High School	10	10	1B	5	1	3.5	0	19	7	15	74	15	30	0	M	60	100	0.0	200	5.50	36.55	84.68		
216	C	492	267	54%	WB	Team H - A & J Furborough	10	10	1B	5	0	4	0	19	9	15	69	13	28	0	M	65	130	2.0	460	5.53	37.70	84.41		
113	C	506	287	57%	SIXAA	Billabong High School	10	10	1B	5	0	3	0	18	11	13	78	16	29	0	M	65	120	1.0	370	5.45	37.40	84.37		2
180	C	464	295	64%	LL	Nagle College	5	7	1B	5	1	2.5	0	15	5	13	108	20	33	0	M	60	110	1.0	280	5.45	36.62	84.12		4
210	C	504	279	55%	RPXLL	St Pauls College	10	10	2	4	1	3	0	17	8	15	80	18	33	0	M	65	130	0.0	200	5.48	34.14	83.97		5
191	C	427	248	58%	LL	Rural Industry Skill Training	5	7	1B	5	1	2.5	0	15	5	13	92	20	33	0	F	45	140	2.0	420	5.46	36.29	83.79		5
203	C	508	289	57%	RA	St Mary of The Angels College	7	9	1C	5	1	3.5	0	18	7	15	83	19	34	0	M	55	160	0.0	250	5.49	32.57	83.69		
213	C	494	273	55%	SIXAA	St Pauls College	14	8	1B	5	0	3.5	0	17	9	15	73	14	29	0	M	55	130	2.0	460	5.48	37.71	83.64		
221	C	524	271	52%	SD	Team H - King & Button	12	10	1C	5	1	3.5	0	19	8	15	72	14	29	0	M	45	110	0.0	200	5.48	35.22	82.76		4
120	C	446	248	56%	AAXCC	Emmanuel College Inc	14	8	1C	5	1	3.5	0	17	8	15	72	16	31	0	F	50	170	2.0	390	5.47	35.02	82.65		

Class continued over page

Disclaimer Legend

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***Market Specifications**

P8 Fat - P8 Fat (mm)
 MC - Meat Colour (1a - 7)
 FC - Fat Colour (0 - 8)
 DIST - Fat Distribution (1 - 5)

**** Saleable Meat Yield**

RFT - Rib Fat (mm)
 EMA - Eye Muscle Area (sq cm)

***** MSA - Eating Quality**

TBC - Tropical Breed Content (%)
 Sex - Male or Female (M/F)
 Hump - Hump Height
 OSS - Ossification (100 - 590)
 AUSMB - AusMeat Marbling (0 - 9)
 MSAMB - MSA Marbling (100 - 1100)
 pH - Meat pH

MSA Specification

To receive eating quality points, carcasses must meet minimum MSA specifications. Reasons carcasses receive no points:

1. Rib Fat less than 3mm
2. Fat distribution inadequate
3. pH above 5.7
4. Meat colour of 1a or greater than 3

22 BEEF CARCASE RESULTS

2013 ROYAL MELBOURNE SHOW CARCASE COMPETITION

Class: 3 - Heavy Domestic 240.1- 300Kg (continued)

Tag	Mkt	Live Weight	HSCW	Dress	Breed	Exhibitor Details	Market Specifications *						Saleable Meat Yield **					MSA - Eating Quality ***						Total Grand	Carcase Place	Live Heat Place				
							P8 Fat		MC		FC	DIST	Penalty	Total	RFT		EMA		TBC	Sex	Hump	OSS	AUS				MSA	pH	Total	
							(mm)	/ 10	1a-7	/ 5	Value	/ 5	/ 20	(mm)	/ 15	sq	/ 20	/ 35			(mm)		MB				MB		/ 45	
211	C	491	271	55%	SIXAA	St Pauls College	11	10	2	4	1	3.5	0	18	11	13	73	15	28	0	M	50	120	1.0	370	5.50	37.40	82.50		
126	C	500	268	54%	HH	Finley High School	9	10	1C	5	0	3.5	0	19	8	15	68	12	27	0	M	60	110	0.0	250	5.53	36.58	82.13		
174	C	434	247	57%	SS	McKay Bros	5	7	1B	5	1	3	0	15	4	10	78	20	30	0	M	50	120	1.0	370	5.48	36.72	81.34		
235	C	442	251	57%	RP	Gay Ward	5	7	2	4	1	2.5	0	14	5	13	84	20	33	0	M	70	130	1.0	290	5.43	34.81	81.31		
109	C	502	278	55%	RP	Billabong High School	10	10	2	4	1	3.5	0	18	8	15	70	12	27	0	M	55	140	2.0	410	5.53	36.35	81.13		
241	C	489	260	53%	PH	Yanco Agricultural High School	12	10	1C	5	1	3.5	0	19	10	15	68	13	28	0	M	60	160	1.0	320	5.54	34.75	81.04		
123	C	468	248	53%	AA	Finley High School	10	10	1C	5	1	3	0	18	7	15	63	11	26	0	M	55	100	0.0	270	5.51	36.85	80.90		
225	C	446	247	55%	LLXHH	Team H - Rigdale Limousin	10	10	2	4	1	3	0	17	4	10	75	18	28	0	M	45	130	1.0	350	5.54	35.80	80.72		
190	C	512	300	59%	BLXAA	Rural Industry Skill Training	9	10	1C	5	2	3	0	18	4	10	95	20	30	0	F	55	170	1.0	310	5.49	32.59	80.59		
169	C	496	293	59%	LLXRA	Longerenong College	5	7	1C	5	1	3.5	0	16	14	7	87	20	27	0	M	75	110	2.0	410	5.55	37.96	80.46		
231	C	467	290	62%	SS	Tippetts Glengyron	5	7	1B	5	1	2.5	0	15	4	10	96	20	30	0	M	65	120	1.0	280	5.48	35.66	80.16		
178	C	454	246	54%	HH	Nagle College	20	0	1B	5	1	4.5	0	10	11	13	78	20	33	0	M	55	120	1.0	360	5.53	37.35	79.56		
132	C	430	241	56%	MU	Finley High School	10	10	1C	5	1	3	0	18	11	13	64	12	25	0	M	55	130	1.0	290	5.50	35.71	78.96		
198	C	430	246	57%	LL	Rutherglen High School	5	7	1C	5	1	2	0	14	4	10	117	20	30	0	M	55	110	0.0	220	5.53	34.90	78.90		4
189	C	463	245	53%	BGXAA	Rural Industry Skill Training	18	0	1B	5	1	3.5	0	9	8	15	73	17	32	0	M	50	110	2.0	430	5.49	38.40	78.87		
196	C	460	246	53%	AA	Rutherglen High School	10	10	1C	5	0	4.5	0	20	13	9	61	10	19	0	M	50	110	2.0	400	5.45	38.26	76.86		
164	C	508	282	56%	HH	Longerenong College	24	0	1C	5	1	3.5	0	9	10	15	77	16	31	0	M	55	110	1.0	300	5.51	36.86	76.23		
224	C	497	268	54%	AA	Team H - R & C Nuttall & J R S Nuttall	20	0	1C	5	1	4	0	9	9	15	71	14	29	0	M	55	130	2.0	400	5.51	36.81	74.56		
119	C	532	277	52%	MG	Dajory Murray Greys	4	5	1C	5	1	3	0	13	3	7	72	14	21	0	M	50	120	0.0	210	5.43	34.13	67.63		
179	C	487	274	56%	HH	Nagle College	11	10	3	2	1	3.5	0	16	7	15	86	20	35	0	M	55	130	1.0	350	5.81	0.00	50.50		
107	C	433	277	64%	LL	Billabong High School	7	9	3	2	1	2.5	0	14	5	13	98	20	33	0	M	60	140	0.0	140	5.86	0.00	46.50		3

Disclaimer Legend

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*Market Specifications

P8 Fat - P8 Fat (mm)
 MC - Meat Colour (1a - 7)
 FC - Fat Colour (0 - 8)
 DIST - Fat Distribution (1 - 5)

** Saleable Meat Yield

RFT - Rib Fat (mm)
 EMA - Eye Muscle Area (sq cm)

*** MSA - Eating Quality

TBC - Tropical Breed Content (%)
 Sex - Male or Female (M/F)
 Hump - Hump Height
 OSS - Osification (100 - 590)
 AUSMB - AusMeat Marbling (0 - 9)
 MSAMB - MSA Marbling (100 - 1100)
 pH - Meat pH

MSA Specification

To receive eating quality points, carcasses must meet minimum MSA specifications. Reasons carcasses receive no points:
 1. Rib Fat less than 3mm
 2. Fat distribution inadequate
 3. pH above 5.7
 4. Meat colour of 1a or greater than 3

2013 ROYAL MELBOURNE SHOW CARCASE COMPETITION

Class: 4 - Export 300.1Kg +

Tag	Mkt	Live Weight	HSCW	Dress	Breed	Exhibitor Details	Market Specifications *							Saleable Meat Yield **					MSA - Eating Quality ***											
							P8 Fat		MC		FC	DIST	Penalty	Total	RFT		EMA		Total	TBC	Sex	Hump	OSS	AUS	MSA	pH	Total	Grand	Carcase	Live Heat
							(mm)	/ 10	1a-7	/ 5	Value	/ 5	/ 20	(mm)	/ 15	sq	/ 20	/ 35	(mm)	MB	MB	/ 45	Place	Place						
111	D	546	307	56%	SD	Billabong High School	15	10	1C	5	0	3.5	0	19	9	15	113	20	35	0	M	70	100	1.0	360	5.49	38.12	91.62	1	4
171	D	550	314	57%	SIXCC/HH	Longerenong College	15	10	1B	5	1	3	0	18	10	15	104	20	35	0	M	65	130	2.0	430	5.41	38.08	91.08	2	2
239	D	630	363	58%	LL	Yanco Agricultural High School	11	9	1C	5	1	3	0	17	9	15	106	20	35	0	M	60	130	2.0	390	5.55	36.82	88.82	3	2
168	D	554	321	58%	LLXRA	Longerenong College	12	10	1C	5	0	3	0	18	9	15	87	18	33	0	M	70	110	1.0	350	5.48	37.41	88.38		
110	D	552	325	59%	SD	Billabong High School	10	8	1C	5	0	3	0	16	8	15	104	20	35	0	M	65	110	1.0	280	5.50	36.76	87.76		3
228	D	662	370	56%	AA	The University Of Adelaide	15	10	2	4	0	4	0	18	10	15	97	19	34	0	M	65	170	1.0	320	5.52	35.28	87.45		
158	D	678	394	58%	AA	Longerenong College	18	8	1B	5	0	4	0	17	6	11	108	20	31	0	M	70	110	3.0	540	5.49	39.39	87.39		5
188	D	552	316	57%	BGXAA	Rural Industry Skill Training	10	8	1C	5	1	4.5	0	18	11	15	87	18	33	0	M	75	130	1.0	310	5.44	36.07	86.99		
229	D	616	388	63%	MG	The University Of Adelaide	11	9	1B	5	0	2.5	0	17	9	15	103	20	35	0	F	65	150	1.0	320	5.47	35.37	86.87		4
137	D	582	363	62%	LL/AAXLL	David Galpin	11	9	1C	5	1	3.5	0	18	7	13	111	20	33	0	M	65	140	1.0	300	5.52	35.31	85.81		1
207	D	566	306	54%	SPXAA	St Mary of The Angels College	11	9	1C	5	1	4	0	18	11	15	82	17	32	0	M	65	130	1.0	310	5.46	36.15	85.66		
148	D	678	412	61%	CC	Goulburn Valley Grammar	11	9	1C	5	1	3	0	11	6	11	150	20	31	0	M	80	120	2.0	420	5.49	37.46	85.46		1
194	D	526	301	57%	MG	Rural Industry Skill Training	12	10	1C	5	1	3.5	0	19	8	15	79	15	30	0	M	50	130	1.0	350	5.46	36.54	85.31		3
155	D	544	345	63%	LL	Kerang Technical High School	8	5	1B	5	1	3	0	13	8	15	114	20	35	0	M	65	110	0.0	250	5.49	36.60	84.60		
172	D	634	366	58%	SS	Longerenong College	20	4	1C	5	1	4	0	13	15	11	98	20	31	0	M	70	120	3.0	500	5.59	38.73	82.73		3
170	D	594	356	60%	SI	Longerenong College	6	1	1C	5	1	3	0	9	8	15	106	20	35	0	M	75	120	0.0	260	5.50	35.74	79.74		
163	D	540	302	56%	HH	Longerenong College	26	0	1B	5	0	3.5	0	9	8	15	88	20	35	0	M	75	110	0.0	210	5.49	34.92	78.42		
149	D	620	350	56%	AA	Gundagai High School	20	4	2	4	2	4	0	12	15	11	90	17	28	0	M	60	150	3.0	480	5.47	38.03	78.06		
116	D	612	383	63%	LLXLL/RP	Bruangil Park	6	1	1C	5	1	2.5	0	9	7	13	115	20	33	0	M	50	160	2.0	400	5.54	36.14	77.64		
125	D	594	326	55%	AAXSI	Finley High School	10	8	1C	5	1	4	0	17	6	11	78	12	23	0	M	70	130	1.0	370	5.47	36.63	77.07		
195	D	586	329	56%	MG	Rural Industry Skill Training	20	4	1C	5	1	4	0	13	14	13	78	12	25	0	M	70	120	2.0	470	5.47	38.64	76.80		
202	D	660	389	59%	CXBB	St Mary of The Angels College	7	3	1C	5	2	3.5	0	12	7	13	118	20	33	50	M	125	130	1.0	290	5.46	32.04	76.54		

Class continued over page

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*Market Specifications

P8 Fat - P8 Fat (mm)
 MC - Meat Colour (1a - 7)
 FC - Fat Colour (0 - 8)
 DIST - Fat Distribution (1 - 5)

** Saleable Meat Yield

RFT - Rib Fat (mm)
 EMA - Eye Muscle Area (sq cm)

*** MSA - Eating Quality

TBC - Tropical Breed Content (%)
 Sex - Male or Female (M/F)
 Hump - Hump Height
 OSS - Ossification (100 - 590)
 AUSMB - AusMeat Marbling (0 - 9)
 MSAMB - MSA Marbling (100 - 1100)
 pH - Meat pH

MSA Specification

To receive eating quality points, carcasses must meet minimum MSA specifications. Reasons carcasses receive no points:
 1. Rib Fat less than 3mm
 2. Fat distribution inadequate
 3. pH above 5.7
 4. Meat colour of 1a or greater than 3

24 BEEF CARCASE RESULTS

2013 ROYAL MELBOURNE SHOW CARCASE COMPETITION

Class: 4 - Export 300.1Kg + (continued)

Tag	Mkt	Live Weight	HSCW	Dress	Breed	Exhibitor Details	Market Specifications *					Saleable Meat Yield **					MSA - Eating Quality ***					Total Grand	Carcass Place	Live Heat Place						
							P8 Fat (mm)	/ 10	MC 1a-7	/ 5	FC Value	/ 5	DIST	Penalty	Total / 20	RFT (mm)	/ 15	EMA sq	/ 20	Total / 35	TBC				Sex	Hump (mm)	OSS	AUS MB	MSA MB	pH
159	D	604	337	56%	AA	Longerenong College	21	2	1B	5	0	3.5	0	11	12	15	77	11	26	0	M	70	130	2.0	460	5.53	38.09	74.45		
160	D	620	358	58%	AA	Longerenong College	26	0	1C	5	1	3.5	0	9	12	15	83	12	27	0	M	65	110	2.0	400	5.53	38.19	74.04		
167	D	514	314	61%	LL	Longerenong College	5	0	1C	5	1	3	0	8	5	9	112	20	29	0	M	60	100	0.0	220	5.49	36.57	73.57		1
166	D	558	350	63%	LL	Longerenong College	6	1	2	4	1	2.5	0	8	5	9	128	20	29	0	M	60	130	0.0	260	5.47	34.80	71.30		5
234	D	558	322	58%	SIXAA	VPC Cattle Services P/L	7	3	1B	5	1	3	0	11	5	9	80	14	23	0	M	65	130	2.0	400	5.44	36.72	70.65		
206	D	542	303	56%	SIXAA	St Mary of The Angels College	4	0	1C	5	1	3.5	0	9	4	6	91	20	26	0	M	50	120	0.0	260	5.48	35.42	69.92		
135	D	602	324	54%	SD	Finley High School	6	1	2	4	1	2.5	0	8	5	9	104	20	29	0	M	60	150	1.0	280	5.51	33.24	69.74		
157	D	477	309	65%	LL	Kerang Technical High School	9	7	2	4	1	2.5	0	14	6	11	140	20	31	0	M	70	100	0.0	200	5.77	0.00	44.50		5

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***Market Specifications**

P8 Fat - P8 Fat (mm)
 MC - Meat Colour (1a - 7)
 FC - Fat Colour (0 - 8)
 DIST - Fat Distribution (1 - 5)

**** Saleable Meat Yield**

RFT - Rib Fat (mm)
 EMA - Eye Muscle Area (sq cm)

***** MSA - Eating Quality**

TBC - Tropical Breed Content (%)
 Sex - Male or Female (M/F)
 Hump - Hump Height
 OSS - Ossification (100 - 590)
 AUSMB - AusMeat Marbling (0 - 9)
 MSAMB - MSA Marbling (100 - 1100)
 pH - Meat pH

MSA Specification

To receive eating quality points, carcasses must meet minimum MSA specifications. Reasons carcasses receive no points:
 1. Rib Fat less than 3mm
 2. Fat distribution inadequate
 3. pH above 5.7
 4. Meat colour of 1a or greater than 3