Lardner Park

This is Gippsland

Lardner Park Steer Trial

Australia's Only Grass-Fed Steer Trial | Est. 1975

2024 LARDNER PARK STEER TRIAL RESULTS

/lardnerpark

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LARDNER PARK 2024 STEER TRIAL

2024 marked the 49th year of the Lardner Park steer trial - the only grass-based steer trial in Australia.

Cattle are managed under independently controlled grazing conditions during the period of the trial, and this provides valuable information on the growth and carcase quality of the steers. The trial enables those who interact with it, to gain an improved understanding of live steer assessment, market requirements and the impact of feed quality has on the growth and fattening ability of the stock.

To minimise the risk of steers finishing out of specifications (either below or above the target carcase weight), there is a recommended entry weight of 280 – 385 kg liveweight.

The 2024 Competition

92 head of cattle were inducted onto the property on the 18th of June, and after a settling in period, the steer trial commenced on the 25th June. Cattle were weighed five times throughout the trial period and the weighing days allowed interested parties to note the progress of the stock.

Cattle had their final weighing Friday 15th November. They were held at pasture on the property over the weekend to allow them to settle post weighing and viewing, aiming to reduce any stress impacts on the carcase. Cattle were turned off and sent to the abattoir on Monday 18th November. This was a fortnight earlier than normal due a music festival to be held at Lardner Park that would have clashed with normal turnoff times

As the steers were not weighed again on the day they were sent to the abattoir, their growth rate at the final weighing the Friday prior was used to estimate a final liveweight. This estimated final liveweight was used to determine the dressing percentage of the steers.

Cattle had to meet the following specifications for the **standard domestic trade** when they were turned off:

Hot standard carcase weight	220 – 330kg
Fat range (P8)	8 -14mm

Any carcase falling outside the weight range of 220 – 330kg carcase weight had penalty points applied of 2 points per kg over 330kg carcase weight or 2 points per kg under 220kg carcase weight.

However, to be in contention for the 'Highest Weight Gain Pair', both animals in the pair had to fall in the carcase weight specifications of 220 – 330 kg carcase weight. If one or both animals in the pair failed to meet the carcase weight specifications, the pair were not eligible for the award.

One pair of steers were removed from the trial by the owners after the third weighing, and one steer from another entrant was noted to be a stag and disqualified from the competition – weight gain data has been collected from this steer, but as he does not meet MSA requirements, no carcase data has been collected.

The herd was run in one mob on predominately ryegrass based pastures. The tables and graphs following in the document summarise the liveweight gain and various aspects of carcase performance.

MSA grading

Carcases were graded at JBS Australia Pty Ltd's Brooklyn processing plant on behalf of Coles. The national Meat Standards Australia (MSA) grading system was used to assess carcases in the competition. The MSA measurements were then converted to carcase points using an Australian Beef Carcase Appraisal Method (ABCAM).

Judging System details.

The MSA system utilises the judging criteria: P8 fat, fat colour, meat colour, rib fat, eye muscle area, ossification, marbling and muscle pH. These MSA measures were used to estimate eating quality. Muscle pH (acidity or alkalinity) is closely related to tenderness, shelf life and meat colour.

Carcases needed to be between pH 5.4 to 5.7 to grade MSA. For MSA, cattle needed to be below a notional 30 months of age (maturity) determined by an 'ossification' score below 200. The degree of ossification is determined by change of cartilage to bone in the sacral (rump), lumbar (loin) and thoracic (rib) vertebrae.

For MSA there is no minimum marbling requirement but is described as some markets require marbling. Marbling is related to 'juiciness' and can contribute to meat flavour.

Reasons cattle may have received lower eating quality points under the MSA system are that rib fat is less than 3mm, or the pH is above 5.7, or the meat colour is 1a or greater than 3.

The MSA Index is used to determine the Highest Eating Quality Award – all steers who meet MSA grading criteria (rib fat 3mm or greater, pH below 5.7 and meat colour between 1b – 3) receive a MSA Index score. Steers who fail MSA grading have been given an Opportunity Index score - what their MSA Index would have been if non-compliant carcases had met the MSA minimum requirements.

Lardner Park Events 2024 Steer Trial – Summary of Awards

STANDARD DOMESTIC TRADE

Standard Domestic Trade 220-330kg carcase weight

Fat range (P8) 8-14 mm

Combined Weight Gain & Carcase Awards		
Sponsored by:		
Breeder	*Breed*	*Points*
1st Prize		
Amphitheatre Pastoral Partnership Tim Wilson - Labertouche	Angus	233.12
2nd Prize		
Bungeeltap Pastoral Wes Stott - Glenhope	Angus	224.79
3rd Prize		
Carlyle Paul Whinney – Marcus Hill	Angus	224.66

Highest Weight Gain Pair		
Sponsored by: zoetis		
Breeder	*Breed*	*Pair Av Daily Gain*
Carlyle Paul Whinney – Marcus Hill	Angus	1.55 kg/day

Highest Carcase Score As A Pair		
Sponsored by: BARENBRUG		
Breeder	*Breed*	*Pair Av Carcase Score*
Gippsland Water Emily Cook – Dutson Downs	Angus	62.59

Highest Eating Quality (MSA Index) As A Pair		
Sponsored by: coles		
Breeder	*Breed*	*Pair Av MSA Index*
Bungeeltap Pastoral Wes Stott - Glenhope	Angus	63.49

Cattle Performance Analysis – Liveweight Gain Performance

Average Liveweight Gain Performance

Standard Domestic Class												
	Average LW kg						Average LW Gain kg per day					
	2024	2023	2022	2021	2019	2018	**2024**	2023	2022	2021	2019	2018
Initial	**317**	323	321	308	329	322						
Turnoff	**502**	505	502	486	521	496						
Weight Gain	**178**	183	172	171	192	174	**1.24**	1.24	1.18	1.17	1.28	1.40

2024 saw the averaged weight gain performance again come in at 1.24 kgLW/day

The top averaged weight gain for a pair of steers was 1.55 kgLW/day, a pair of Angus steers from Carlyle at Marcus Hill.

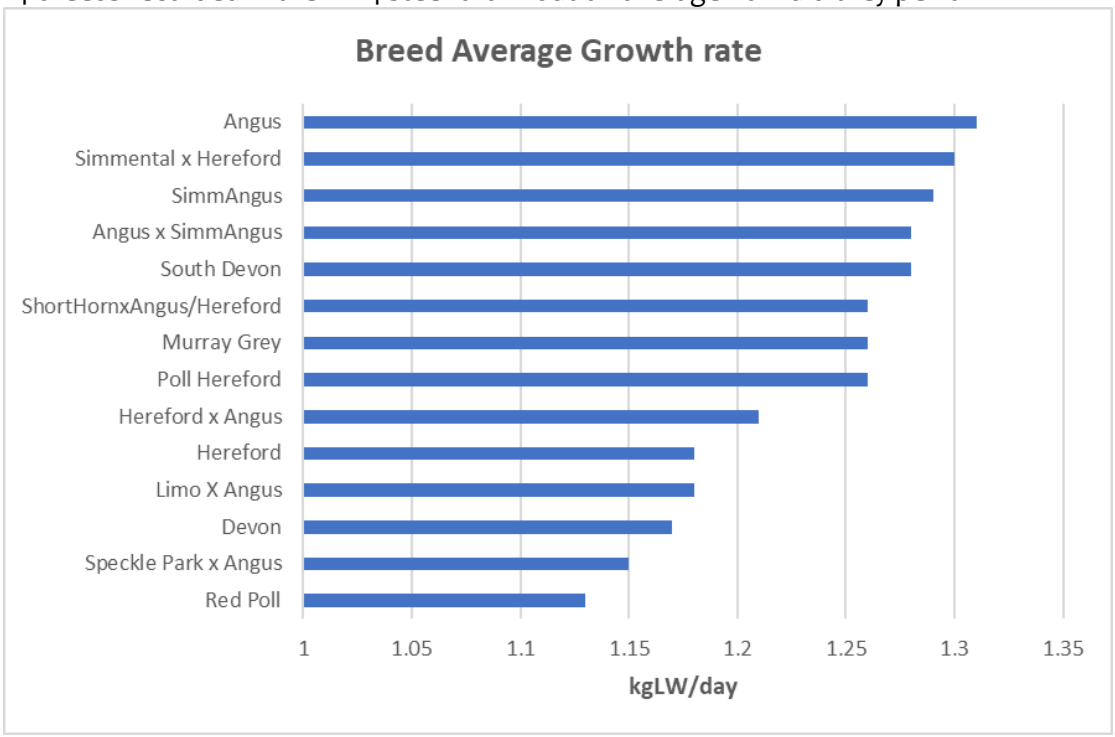
Individual steer weight gains averaged over the trial period ranged from 0.87 kgLW/day up to 1.68 kgLW/day.

The weight gain of 1.68 kgLW/day was from an Angus steer, with the other animal of the pair growing at 1.38 kgLW/day, resulting in a pair average daily gain of 1.53 kgLW/day.

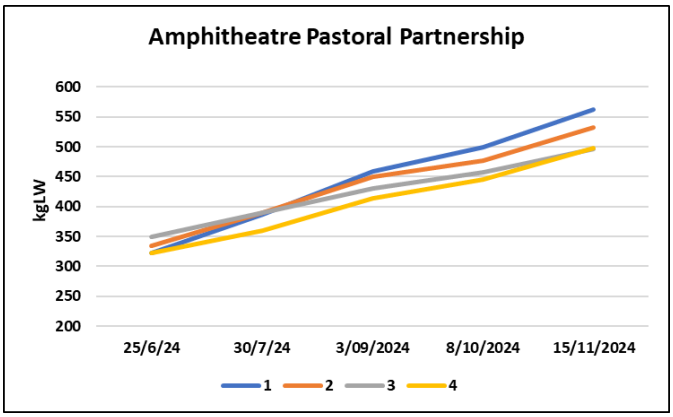
The averaged weight gain of 0.87 kgLW/day was from a Red Poll, with the other animal of the pair growing at 1.16 kgLW/day.

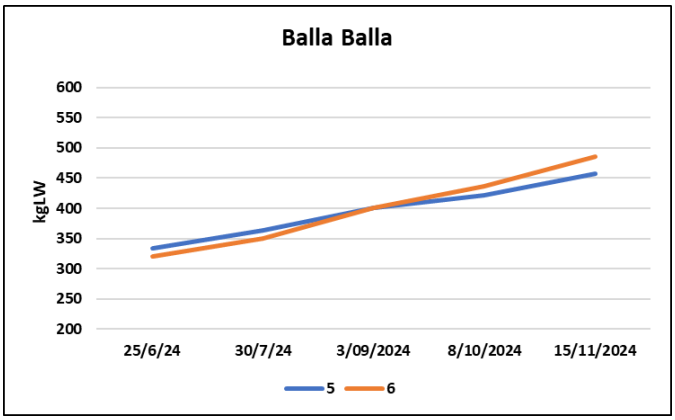
Batlle of the Breeds - Growth rates

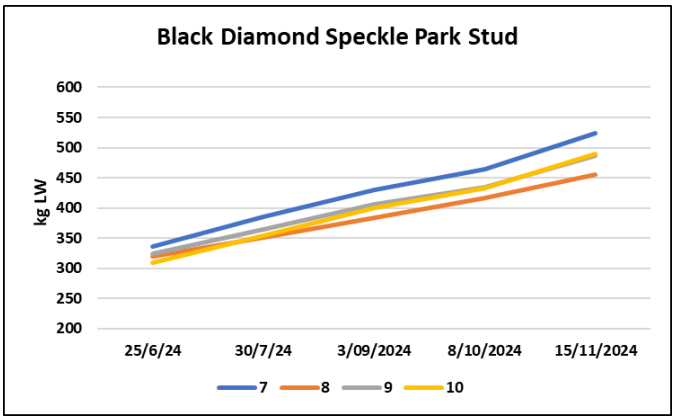
14 breeds recorded in the 2024 steer trial – but on average how did they perform?

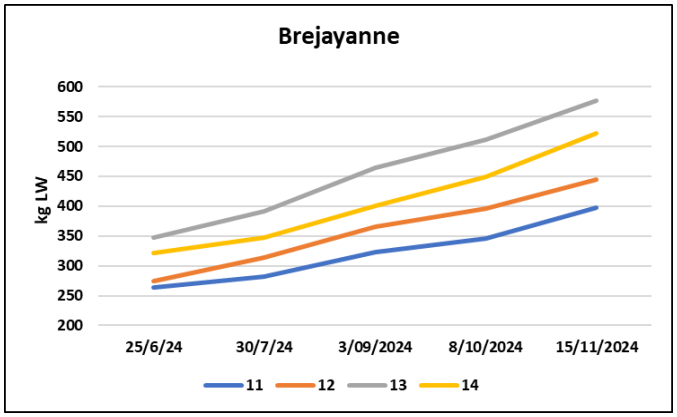


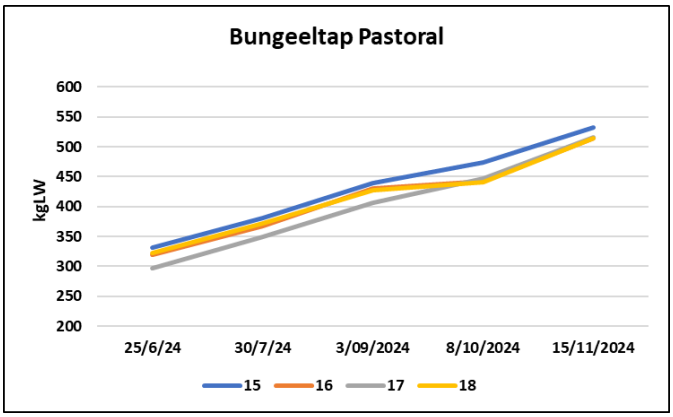
The following graphs show the steer pairs liveweight gain performance across the weighing dates. *The number next to coloured line is the Lardner Park ear tag number of the steer.*

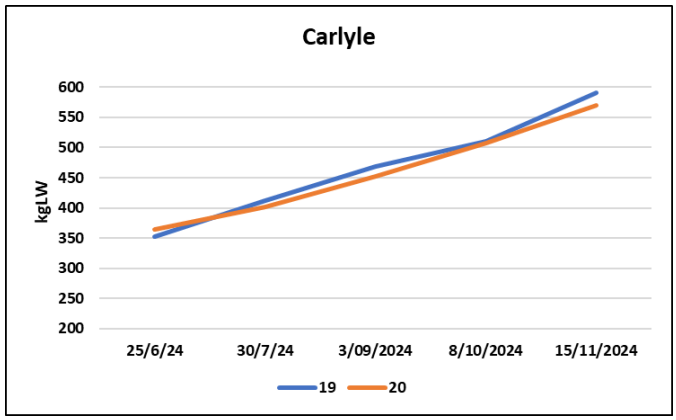


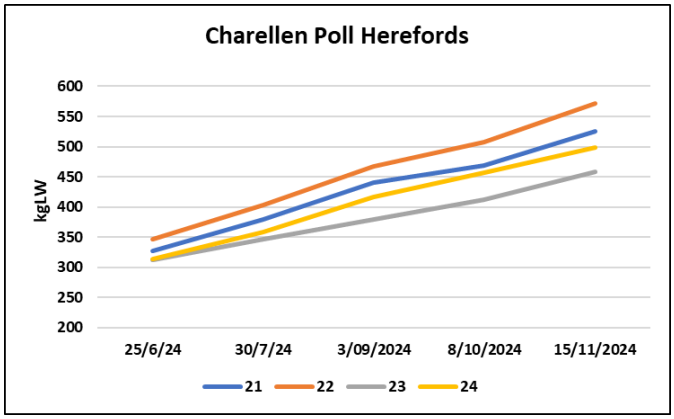


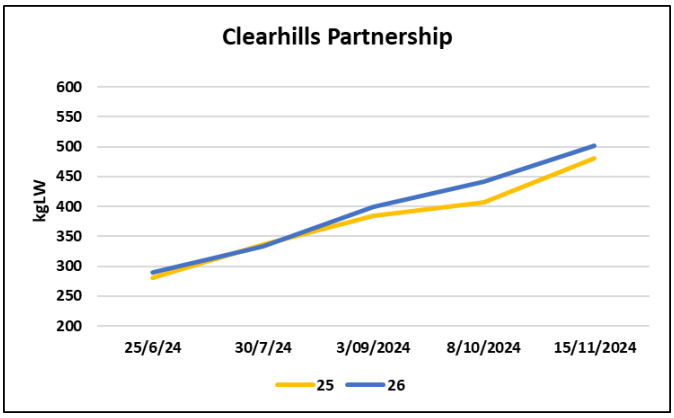


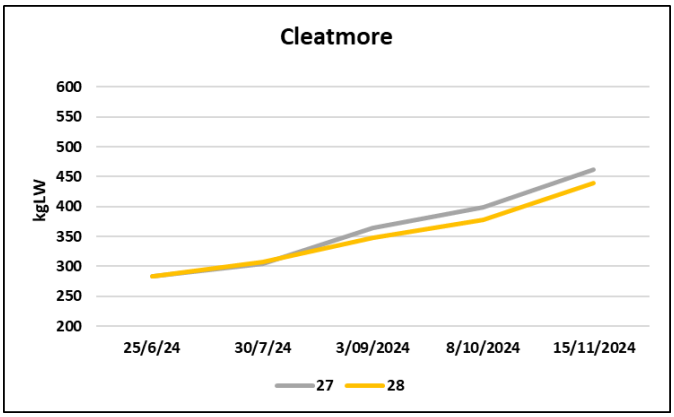








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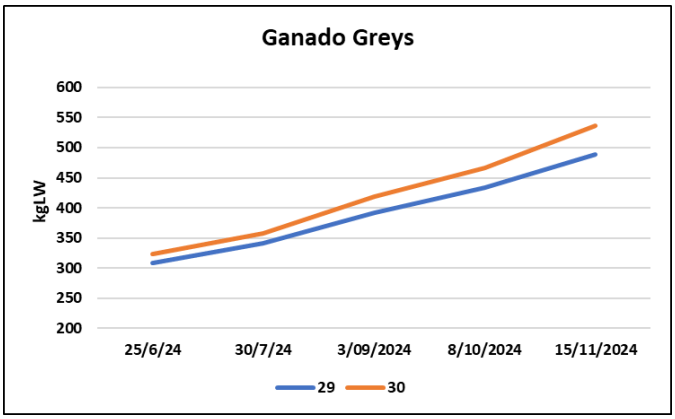
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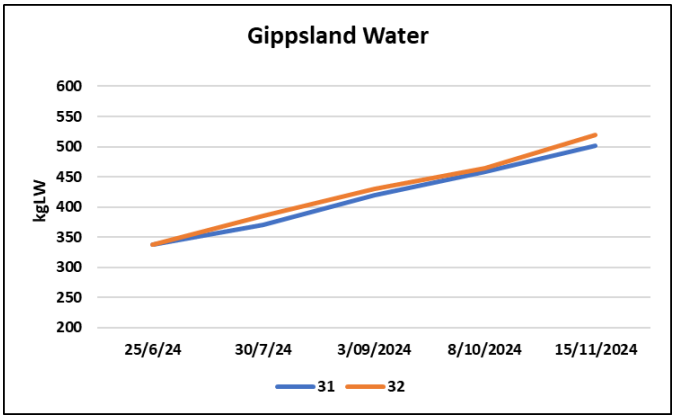
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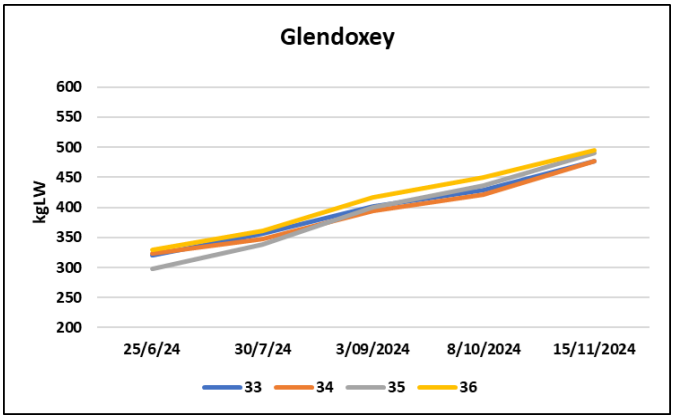
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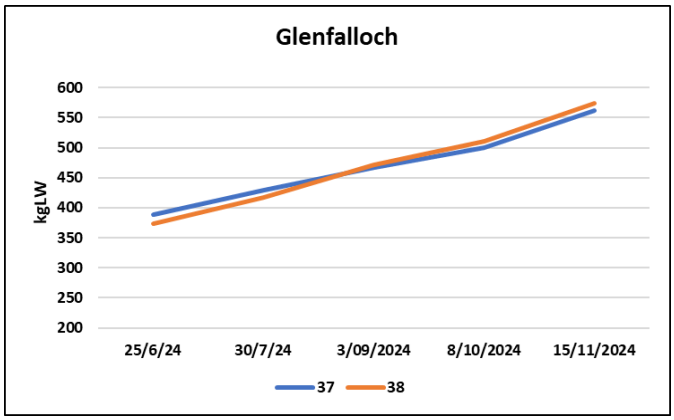
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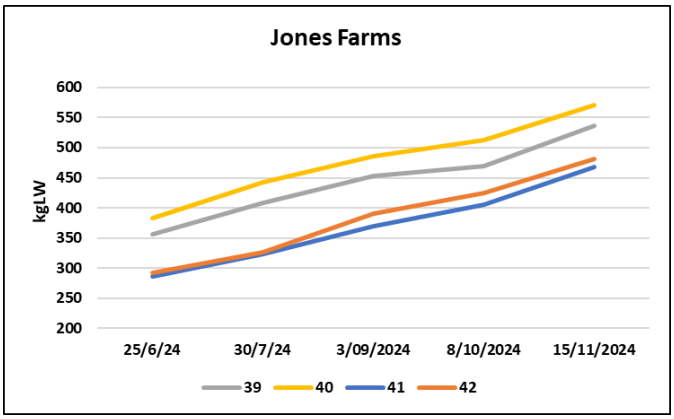
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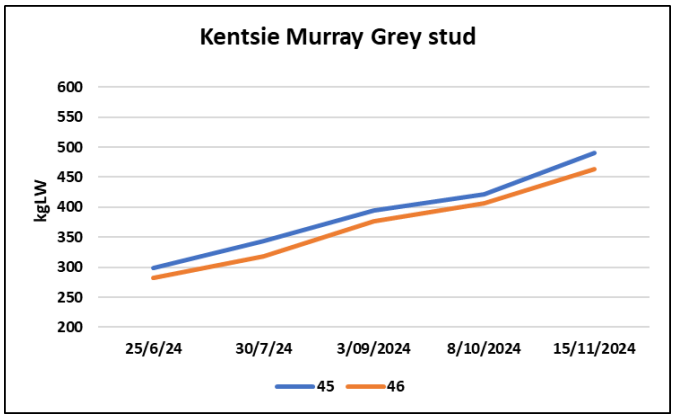
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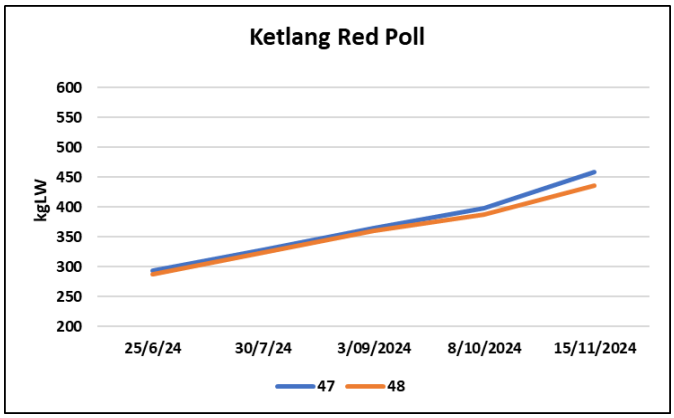
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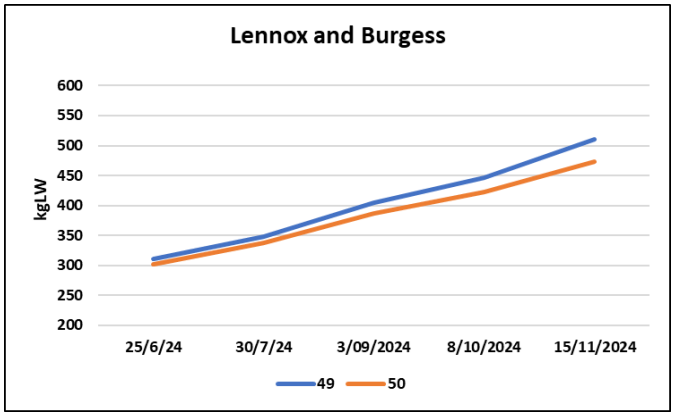
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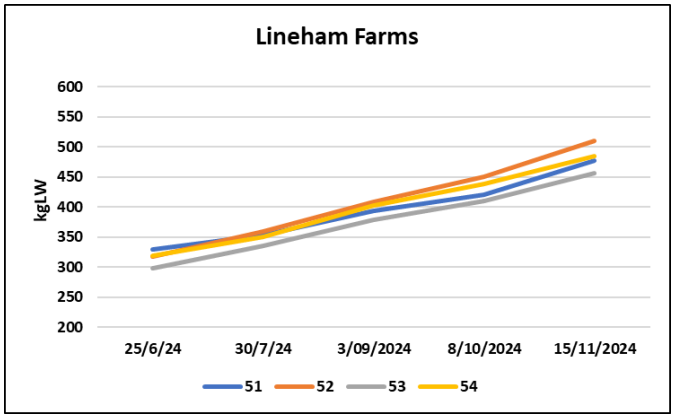
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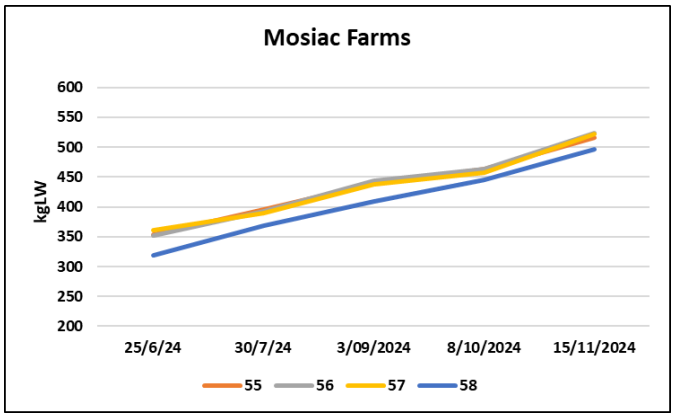
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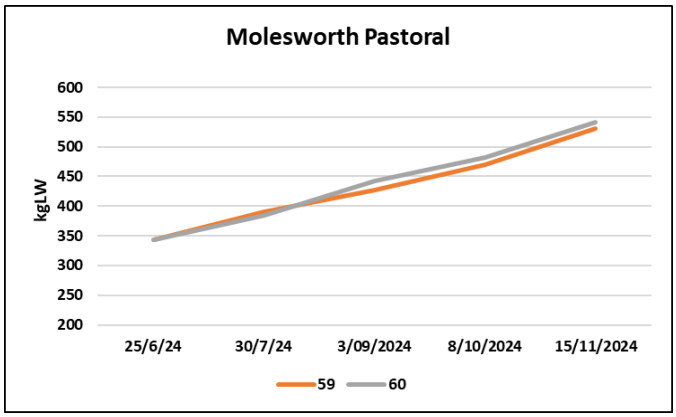
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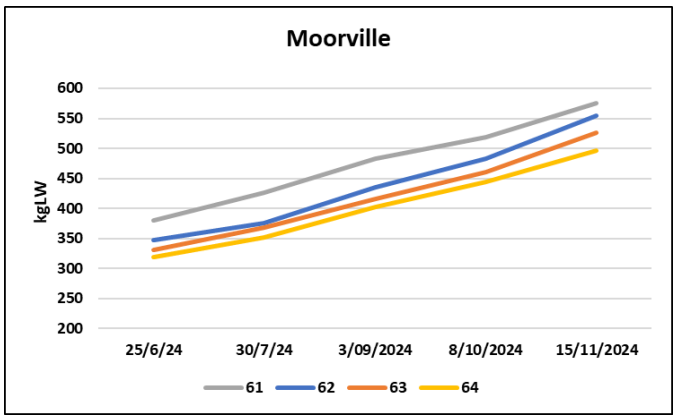
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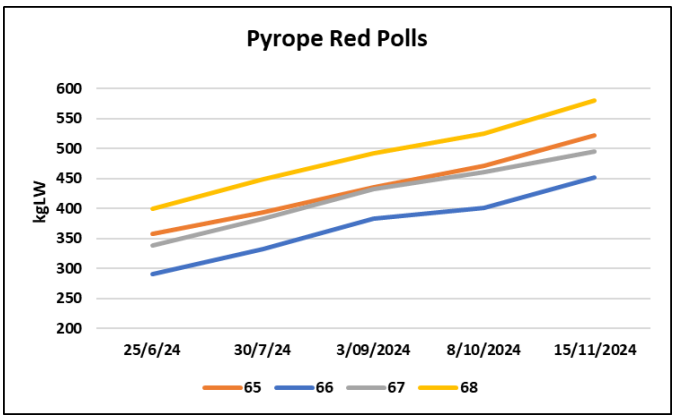
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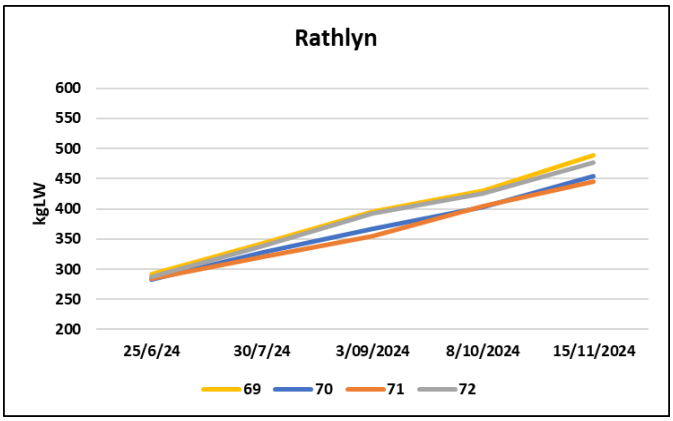
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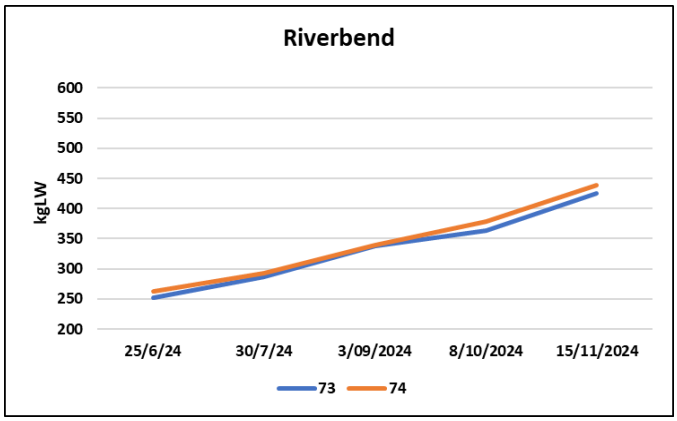
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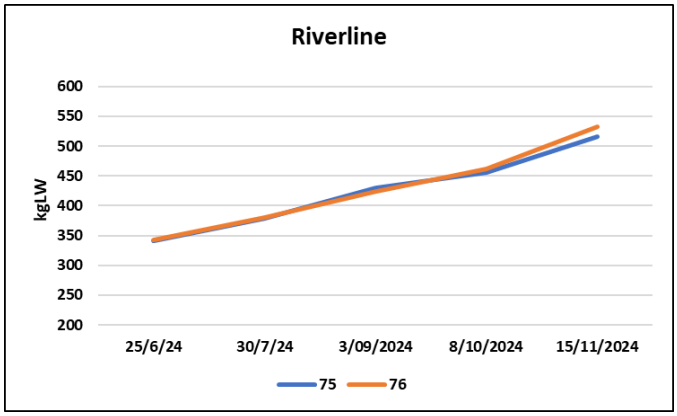
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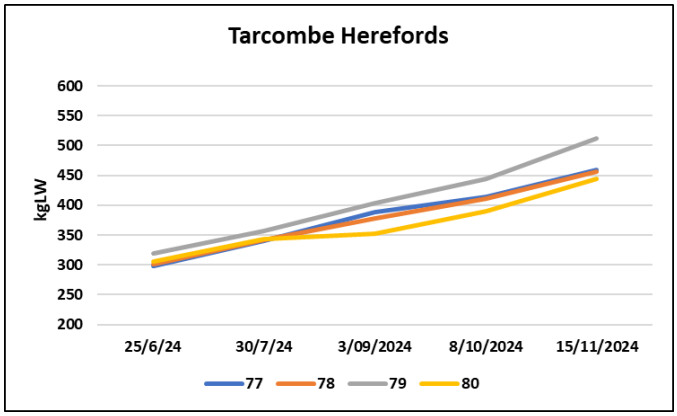
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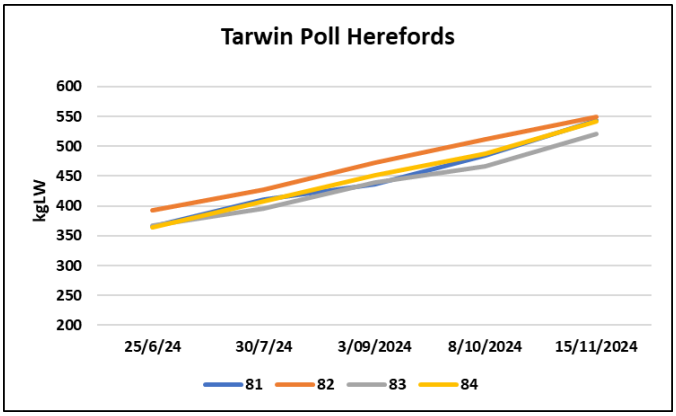
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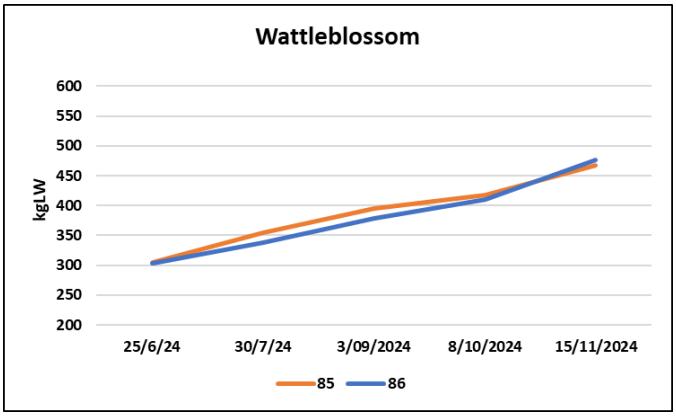
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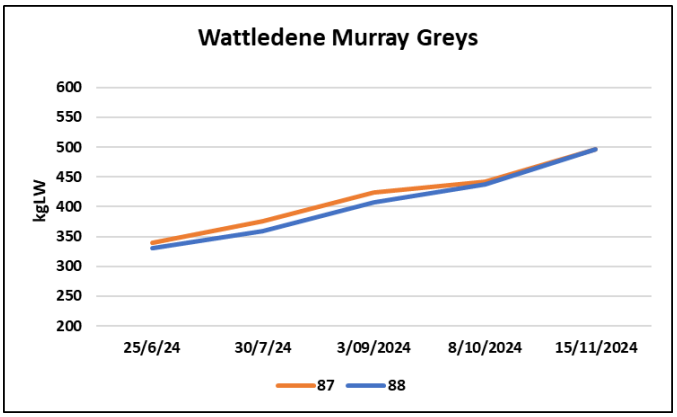
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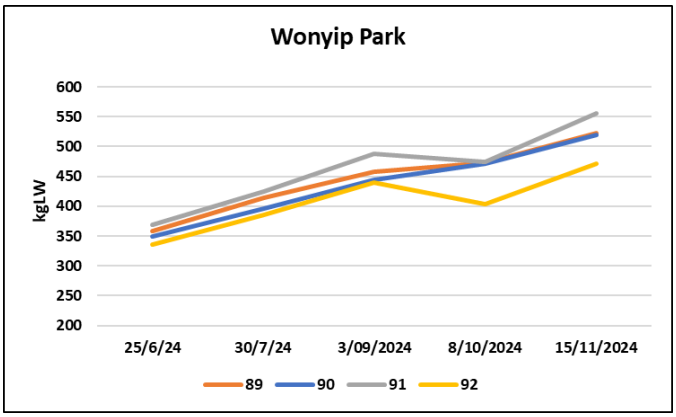
Wonyip Park
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89
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91
92

Cattle Performance Analysis – Carcase Performance

89 steers competed in the steer trial in 2024 - 92 steers were registered, but two steers were withdrawn at the owners request part way through the trial, and another steer was deemed in eligible due to an inadequate castration. The second steer of that pair remained running with the mob but was ineligible due to it being a paired trial.

Three steers (or 3.4%) were outside specifications for carcase weight (and were awarded penalty points) – all three were below the 220 kg carcase weight target, weighing in at 202.5, 216 and 218 kg.

Seven steers (7.8%) received no eating quality points due to missing specifications required for MSA grading – one steer failed on rib fat with less than 3mm fat and 6 steers (6.7%) failed on pH and associated meat colour. The failed pH's ranged from 5.89 (meat colour 4) to 6.17 (meat colour of 5). *FYI – in 2022 5.7% lost points for dark cutting and in 2023 it was 1.5%.*

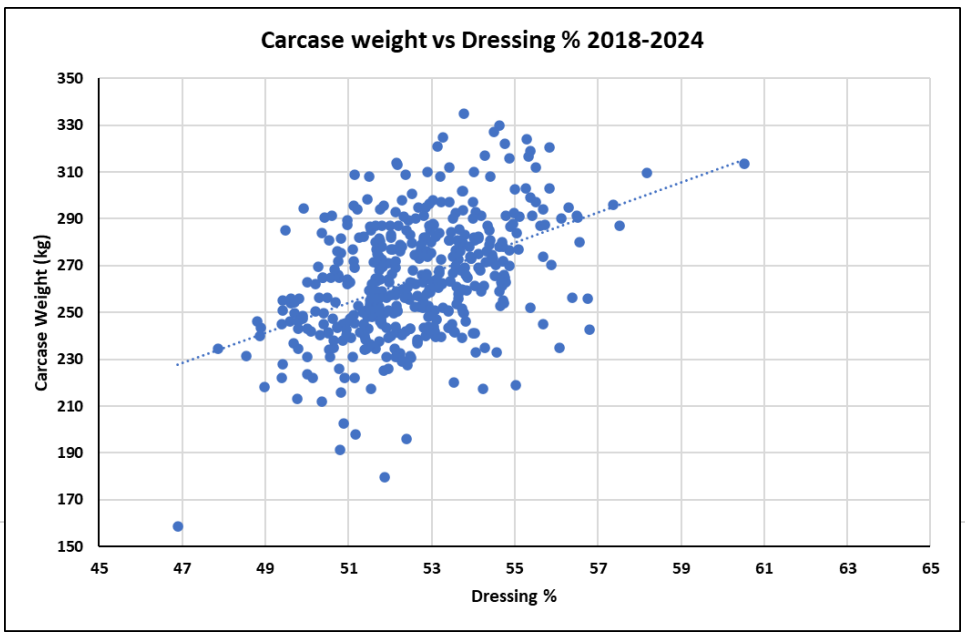
Steer Trial Carcase Performance across the years

Carcase details	2024	2023	2022	2021	2019	2018
Av Carcase Weight (kg)	259.5	269.8	269.2	257.6	275.9	256.5
Av Dressing %	51.7	52.7	53.6	53	53	51.7
Av P8 Fat Depth (mm)	6.4	7.7	7.3	6.4	7.3	6.4
Av rib fat (mm)	5.4	6	4.9	5.3	5.1	4.79
Av Eye Muscle Area (sq cm)	62.9	66.0	70.6	67.4	67.9	69.1
Av pH	5.6	5.54	5.59	5.52	5.51	5.5
Av Ossification Score	125.4	123	120.1	125	121.5	123.1
Av MSA Index	61.2	61.72	61.46	60.45	61.72	61.78

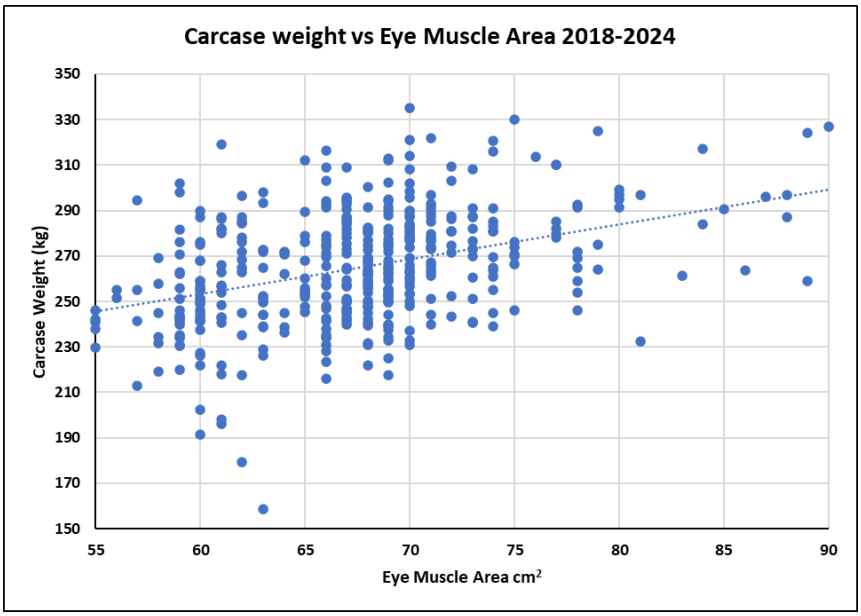
In 2024 the average Dressing % ranged from 47.9% up to 55.7%. The steer that dressed out at 47.9% was an Angus (the other steer of the pair dressed out at 53.7%). The steer that dressed out at 55.7% was a Limousin x Angus (the other steer of the pair dressed out at 54.4%).

The average Eye Muscle Area ranged from 46 sq cm to 73 sq cm. The largest EMA came from a Limousin x Angus (the other steer of the pair had an EMA of 65 sq cm). The smallest EMA came from a Devon (the other steer of the pair had an EMA of 48 sq cm)

What is the relationship between carcase weight and dressing %?



What is the relationship between carcase weight and eye muscle area?



When stock are growing energy goes to laying down their skeleton first, then to muscle development and lastly to fat cover. If we breed large framed cattle, with large volumes of muscle, it may be difficult to get cattle to lay down adequate fat cover. Be aware of what abattoirs are looking for in terms of liveweight/carcase weight size and fat cover required for those animals. **BIGGER IS NOT ALWAYS BETTER**.

Fat distribution plays an important role at the abattoir and can impact on eating quality and on the marketability of the animal

Fat distribution is the coverage and distribution of subcutaneous (external) fat on a carcase. An even coverage of subcutaneous fat leads to even chilling throughout the underlying muscles. The greater the fat depth on a carcase, the slower and more uniform the muscle chilling rate will be. The coverage and distribution of subcutaneous fat over primals helps prevent dehydration and provides protection for the muscles from microbial contamination. Uneven fat coverage causes the muscles with inadequate coverage to chill at a faster rate, which can create cold shortening conditions near the surface and heat shortening in the deep core, affecting the eating quality of the meat. (source: MLA Tips and Tools – fat distribution and eating quality)

Points were awarded as follows for P8 fat:

P8 fat mm	3	4	5	6	7	8-14	15	16	17	18	19	20
Points	3	5	7	8	9	10	9	8	7	6	5	4

Points were awarded as follows for rib fat:

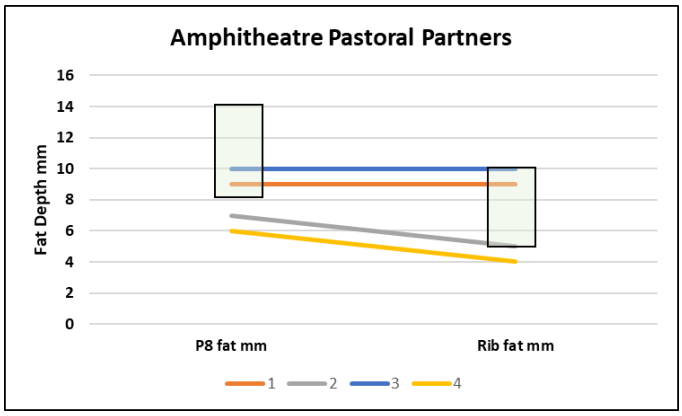
Rib fat mm	2	3	4	5-10	11-12	13	14	15	16
Points	0	8	12	15	11	10	9	8	0

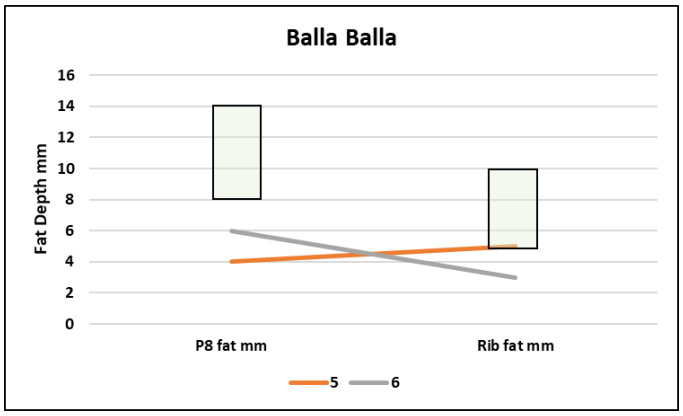
In a stud situation it may be acceptable to have uneven fat measurements on an animal if it is being marketed to the commercial producer as an animal that can be used to correct fat issues in the commercial herd. For example the commercial herd may have an issue of having not enough rib fat but adequate P8 fat. They may choose to use a bull with slightly higher than desired rib fat

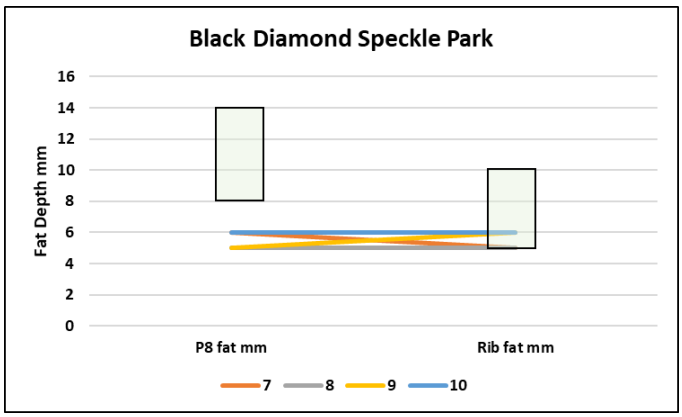
levels (but adequate P8 fat levels) to make a quick correction in their herd to better meet market specifications. However, if retaining heifer calves as future breeders they may then need to revert to a bull that has a more even distribution to maintain an even distribution in their herd.

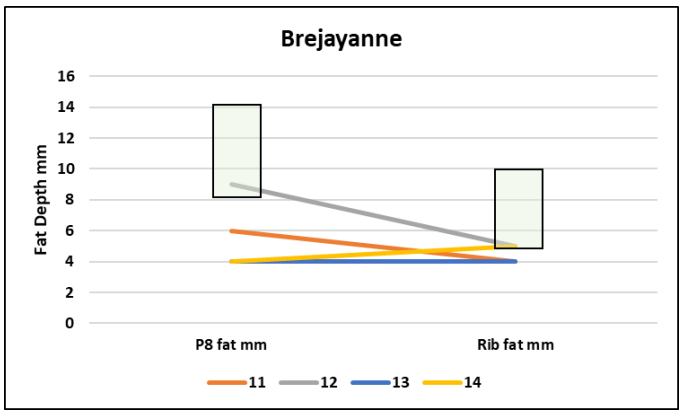
Following are the graphs of each entrants' teams of steers showing the rib fat and P8 fat measurements.

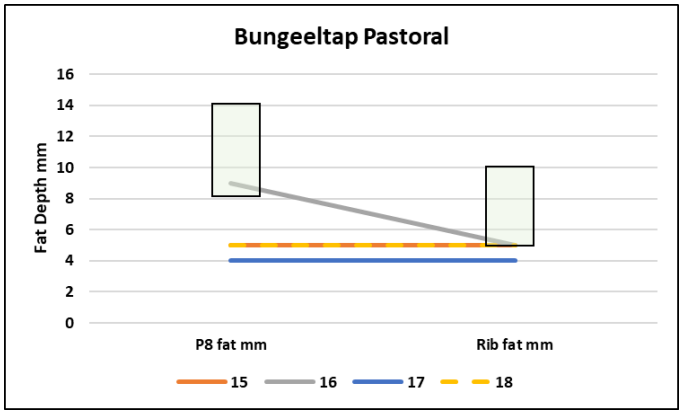
Note – the **rectangles** on the graph are the **preferred** fat ranges**.**

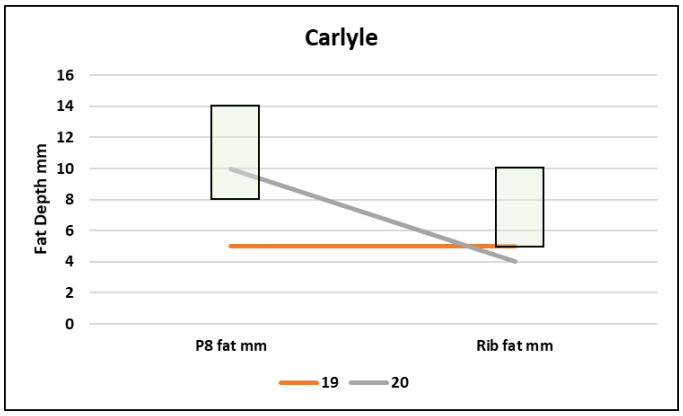


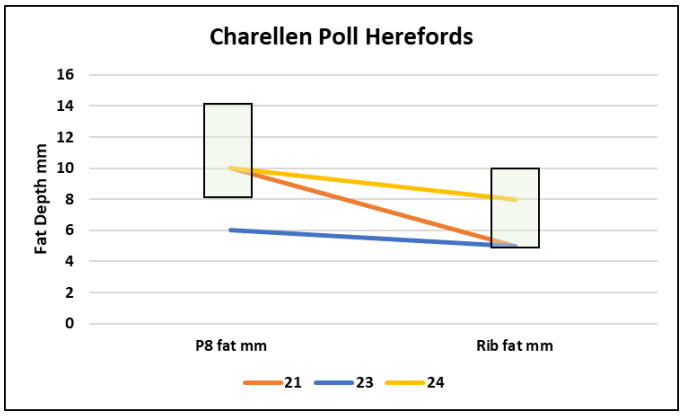


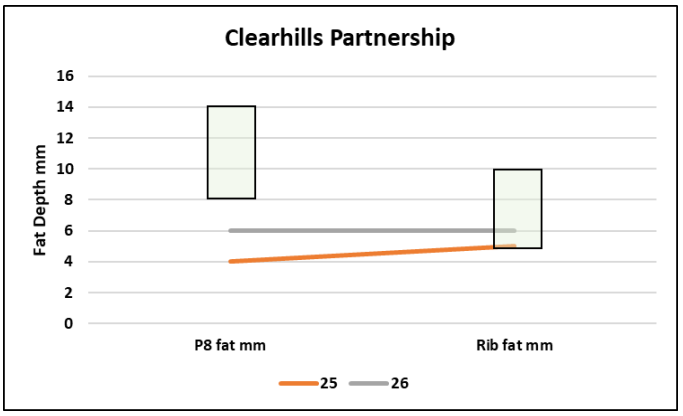


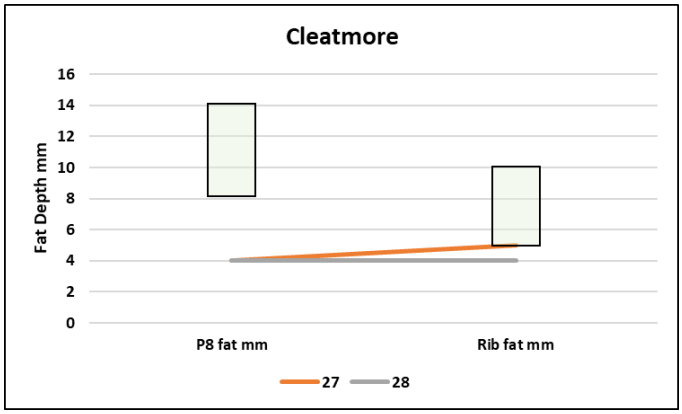


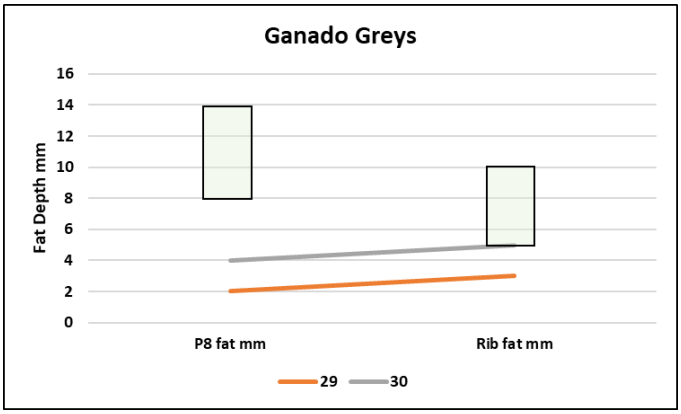


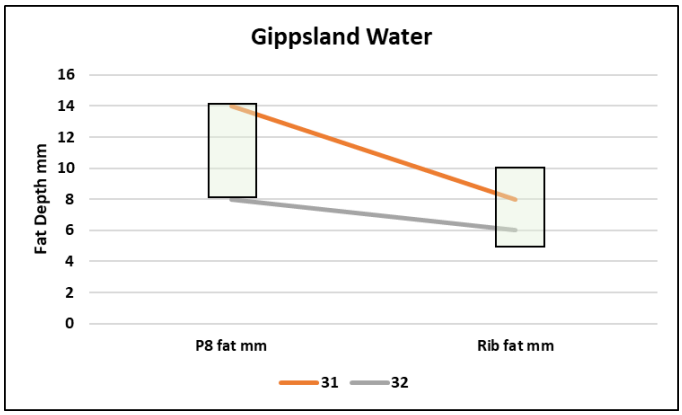


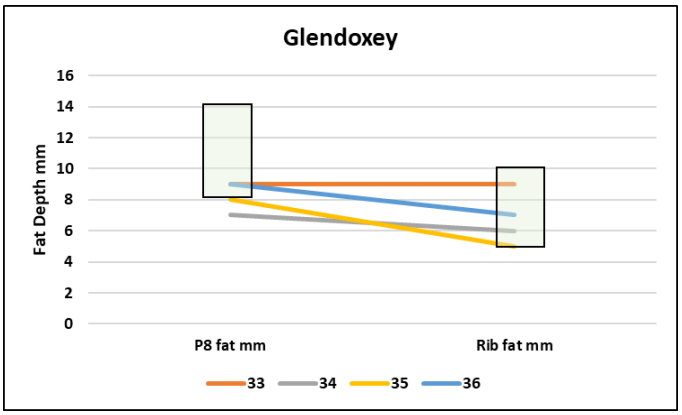

Charellen Poll Herefords
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
21
23
24

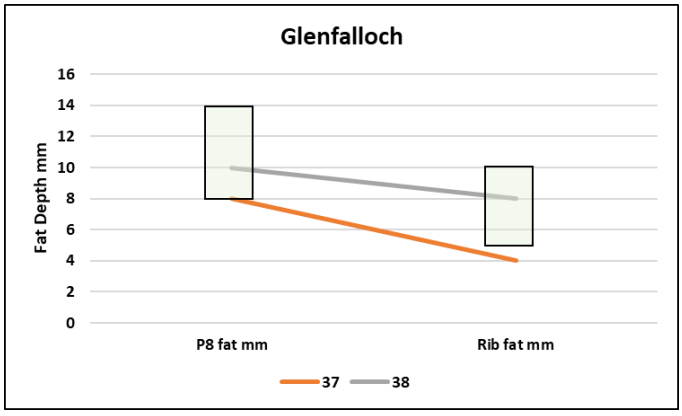

Clearhills Partnership
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
25
26

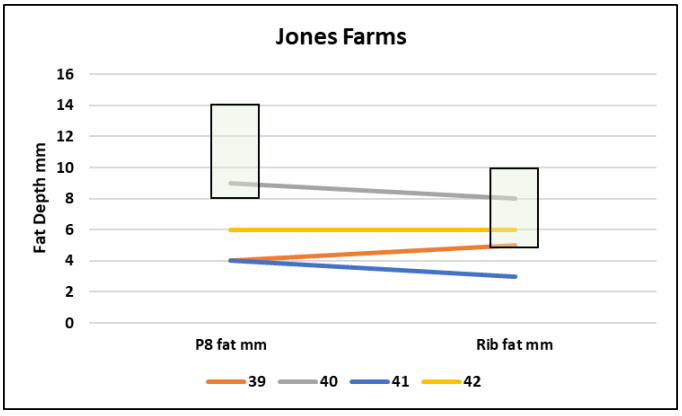

Cleatmore
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
27
28

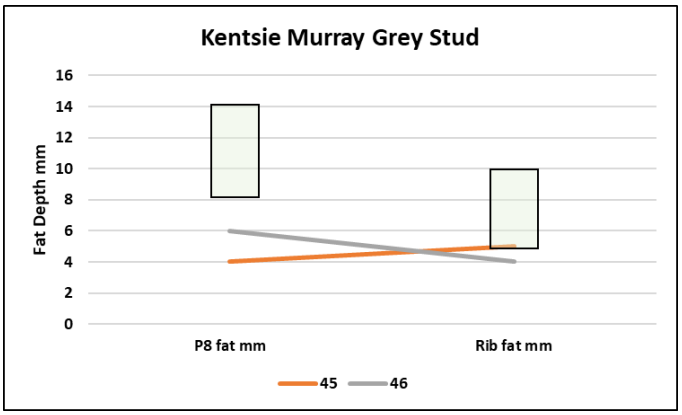

Ganado Greys
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
29
30

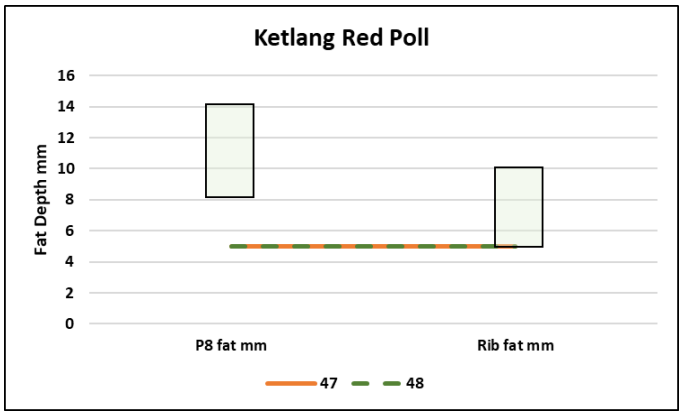

Gippsland Water
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
31
32

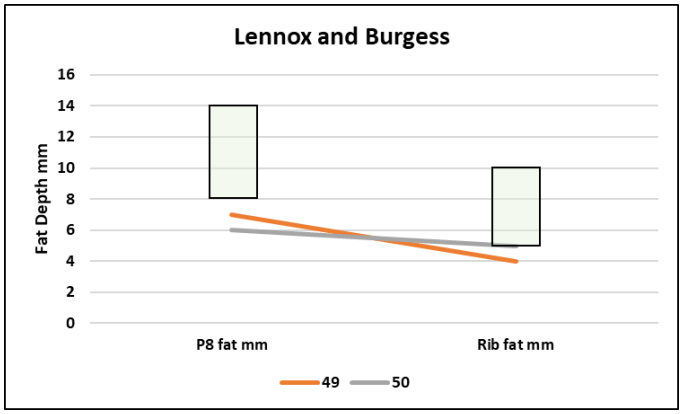

Glendoxey
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
33
34
35
36

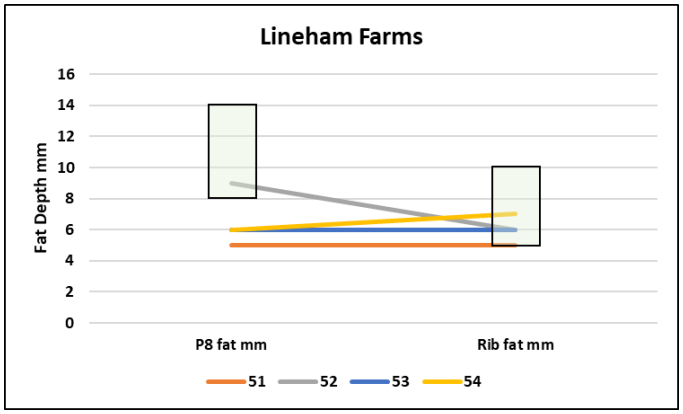

Glenfalloch
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
37
38

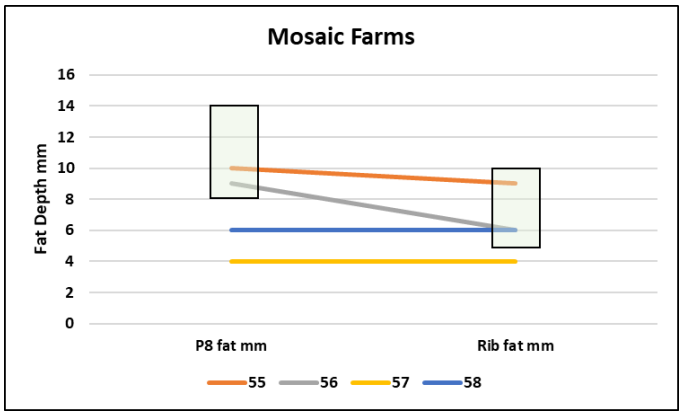

Jones Farms
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
39
40
41
42


Kentsie Murray Grey Stud
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
45
46

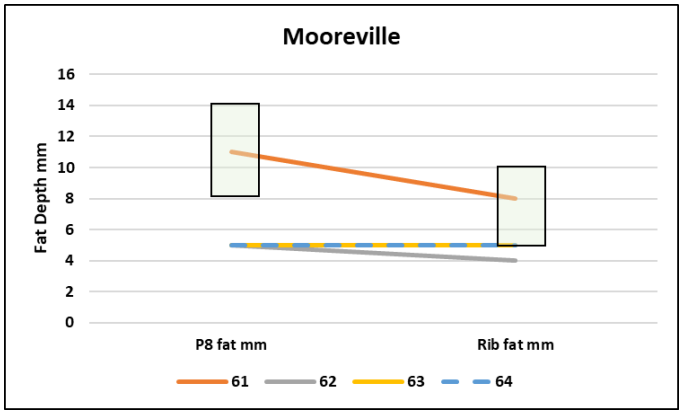

Ketlang Red Poll
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
47
48

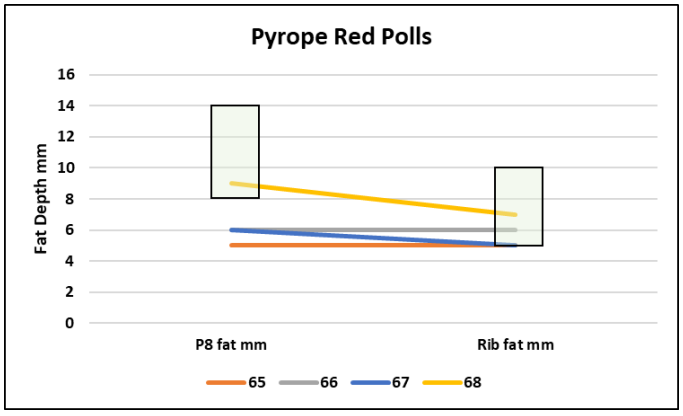

Lennox and Burgess
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
49
50

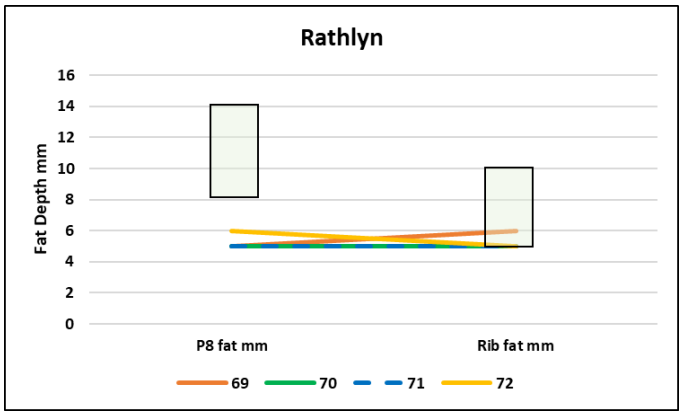

Lineham Farms
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
51
52
53
54

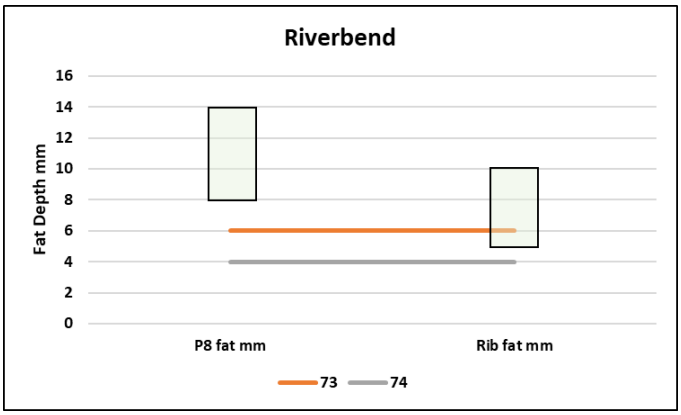

Mosaic Farms
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
55
56
57
58

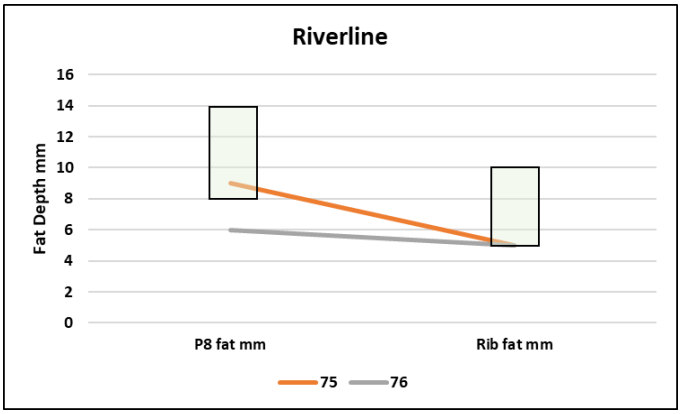

Molesworth Pastoral
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
59
60

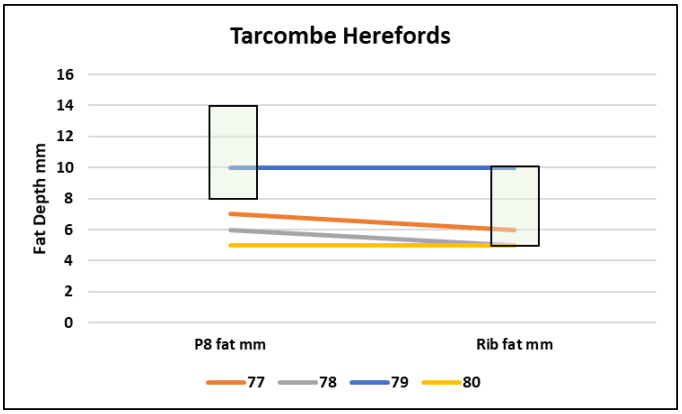

Mooreville
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
61
62
63
64

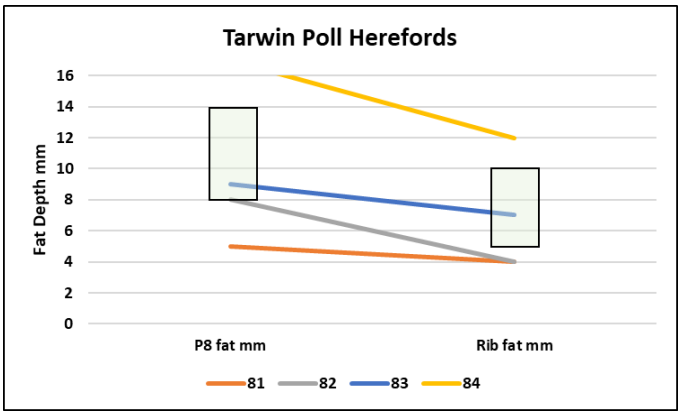

Pyrope Red Polls
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
65
66
67
68

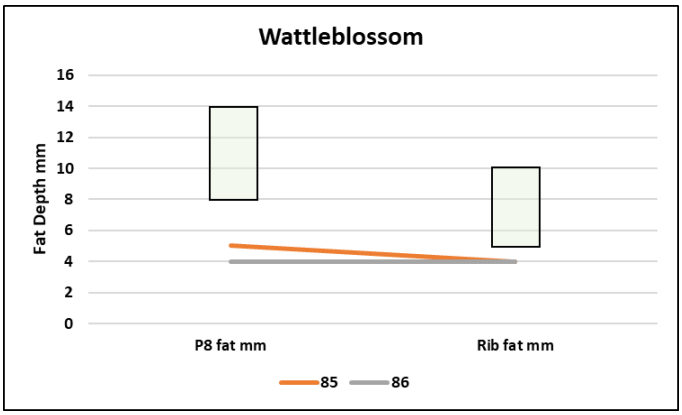

Rathlyn
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
69
70
71
72

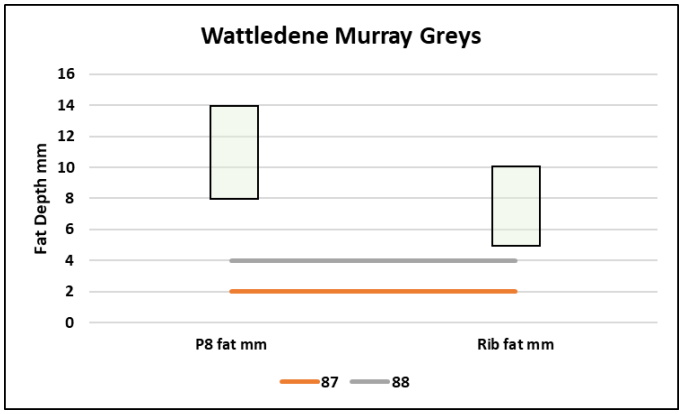

Riverbend
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
73
74

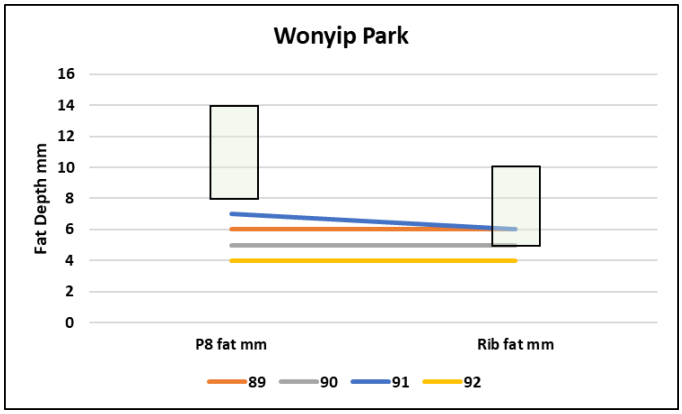

Riverline
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
75
76

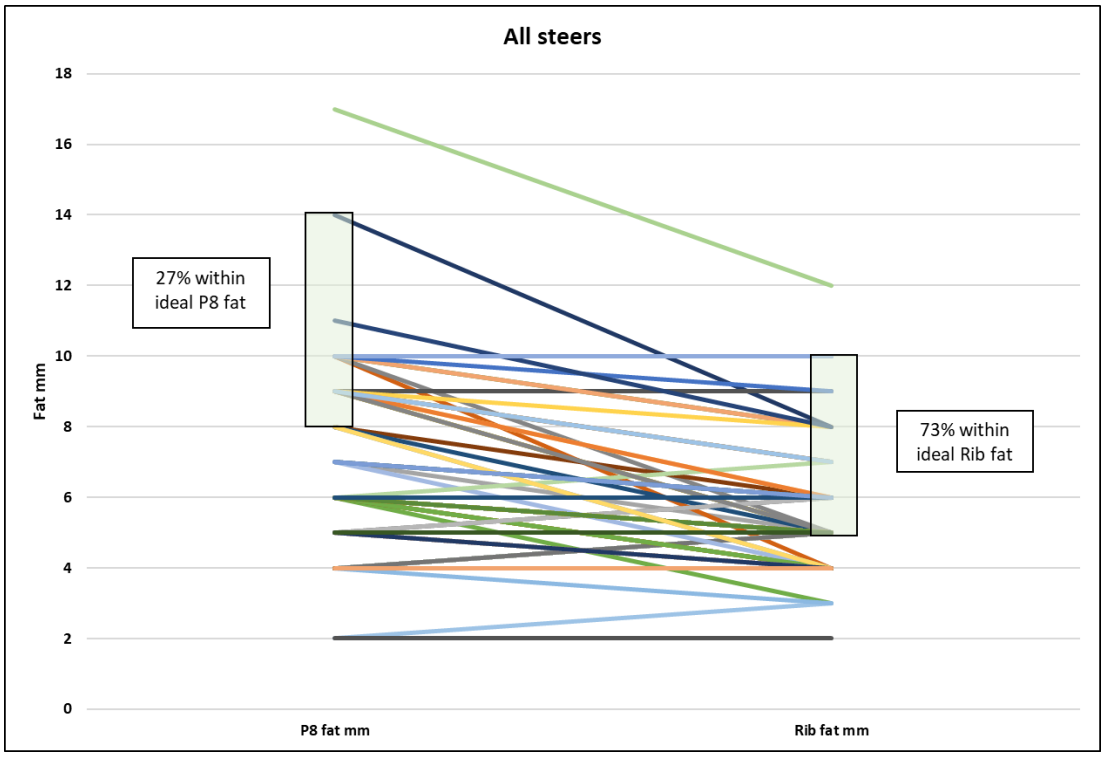

Tarcombe Herefords
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
77
78
79
80


Tarwin Poll Herefords
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
81
82
83
84


Wattleblossom
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
85
86


Wattledene Murray Greys
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
87
88


Wonyip Park
Fat Depth mm
16
14
12
10
8
6
4
2
0
P8 fat mm
Rib fat mm
89
90
91
92

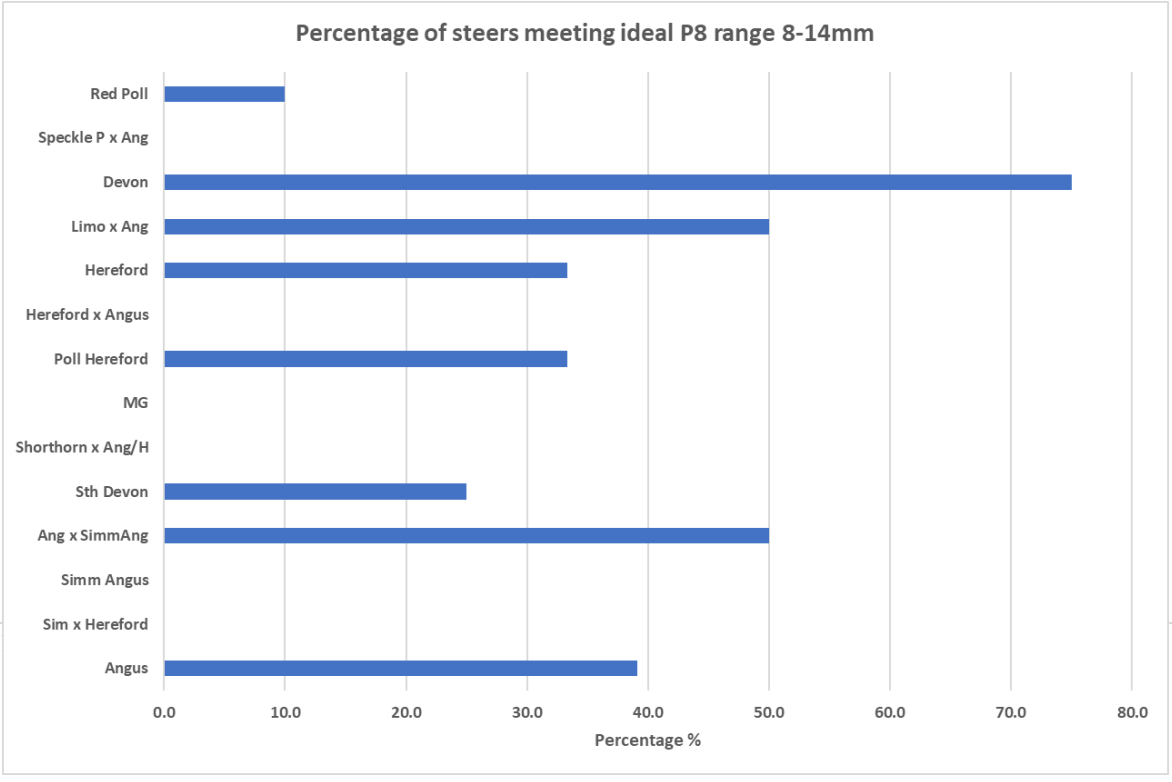


In total 23.6% of the steers hit the target range for both P8 and rib fat measurements.

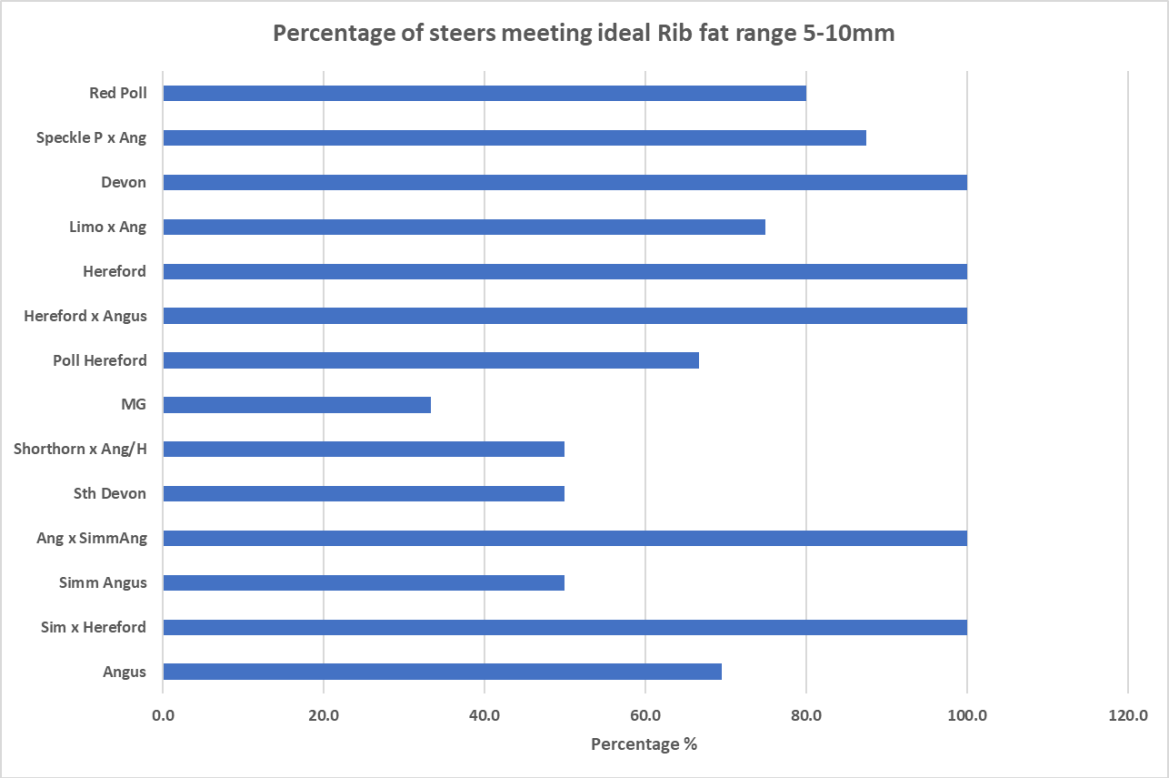
Looking at just P8 fat measurements - only 27% of the steers were within the ideal range of 8-14 mm fat for the P8 fat measurement, down significantly on the previous two years (54% in 2023 and 43% in 2022).

73% of the steers were within the ideal range for rib fat measurements. In 2023 93% of the steers were in the ideal range of 5-10 mm fat, and in 2022 59%.

<u>Battle of the Breeds – Steers meeting ideal P8 range of 8-14mm</u>



Batlle of the Breeds – Steers meeting ideal Rib fat range of 5-10mm



MSA Index

The MSA Index is a standard national measure of the predicted eating quality and potential merit of a carcase.

The MSA Index is a number between 30 to 80, representing the eating quality potential of the whole carcase.

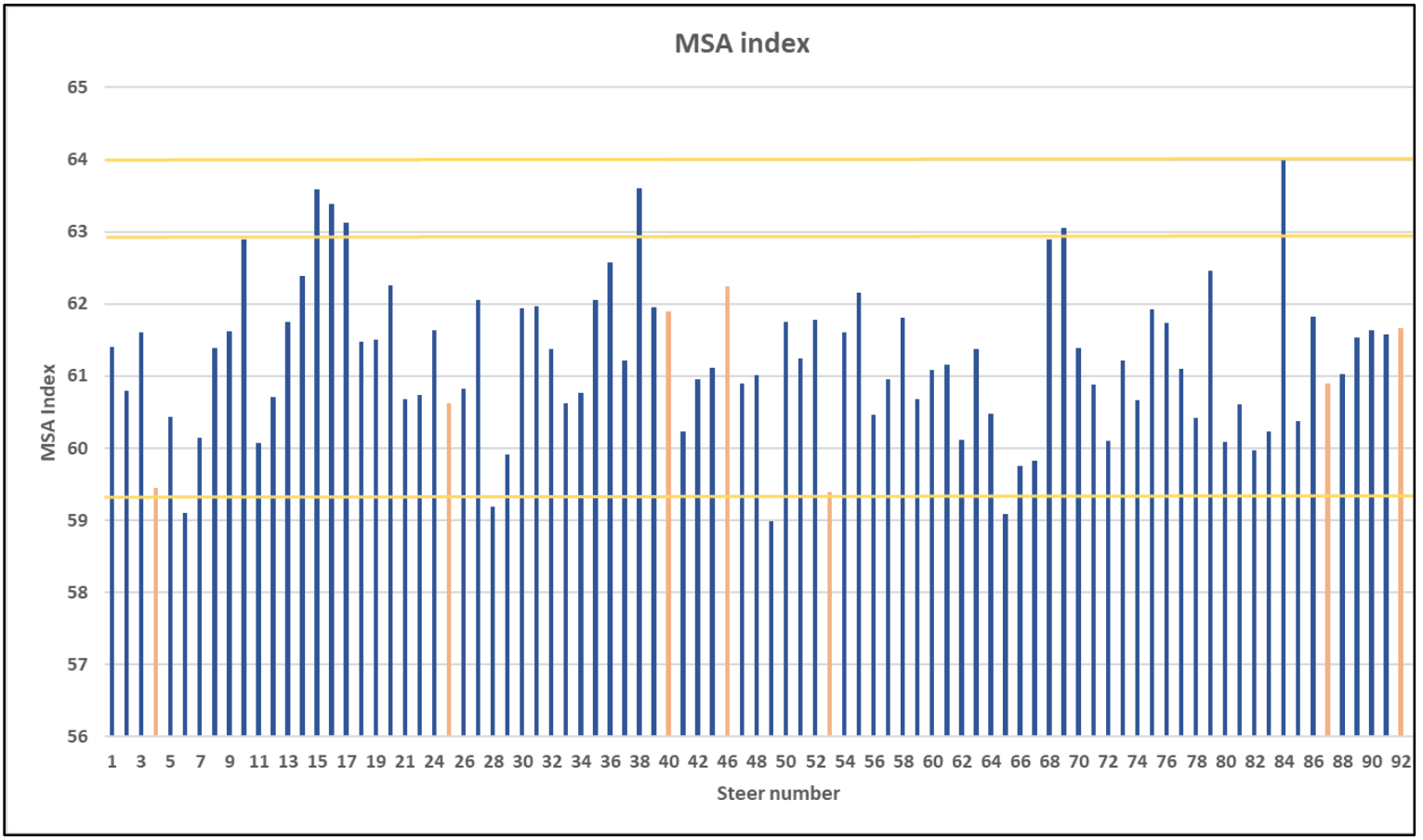
MSA eating quality scores are the combination of tenderness, juiciness, flavour and overall liking of beef. The MSA Index is a weighted average of these scores for the 39 MSA cuts for the most common corresponding cooking method.

Note: Steers that did not meet MSA grading criteria (classified as dark cutters due to high pH and meat colour or rib fat <3mm) were given an Opportunity Index. This has recently been introduced by MSA to show producers what their Index would have been if non-compliant carcases had met the MSA minimum requirements. More detail can be found here:
https://www.mla.com.au/globalassets/mla-corporate/marketing-beef-and-lamb/documents/meat-standards-australia/msa-changes-2019/opportunity-index-factsheet.pdf

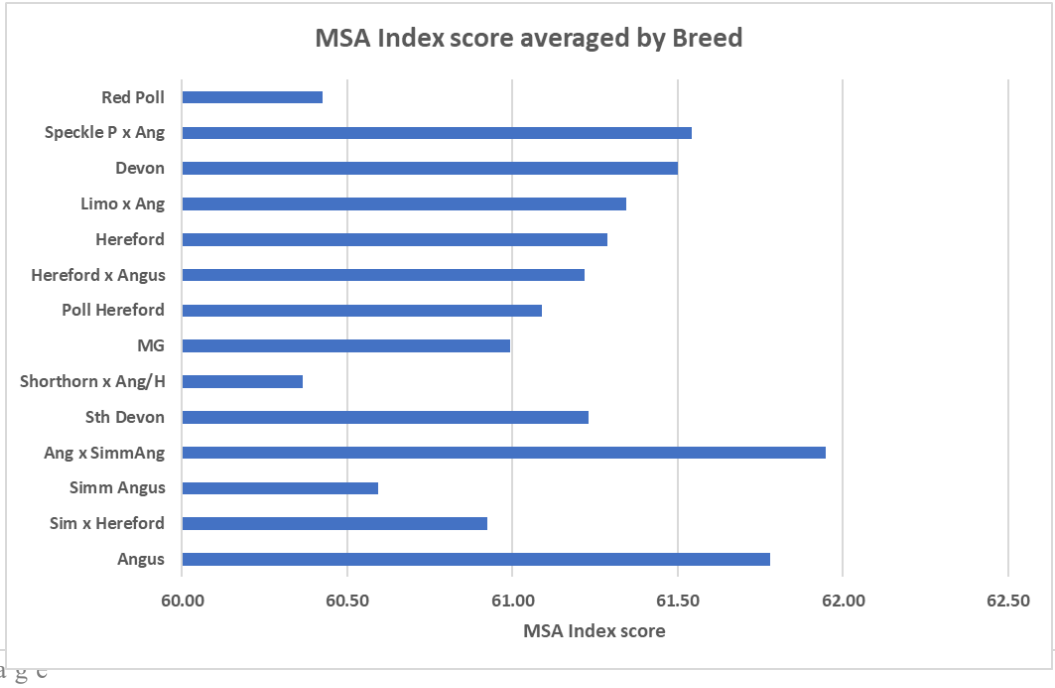
The following graphs highlight how the steers in the Lardner Park steer trial scored for MSA Index

Note: the top line indicates highest 5% (index score 64.02), middle line indicates highest 10% (index score 62.95) and bottom line indicates the 50% (median, index score 59.36) of MSA Index scores for Non-Grainfed cattle in Australia (2023-24)

The orange bars are the steers that have an Opportunity Index rather than a MSA Index

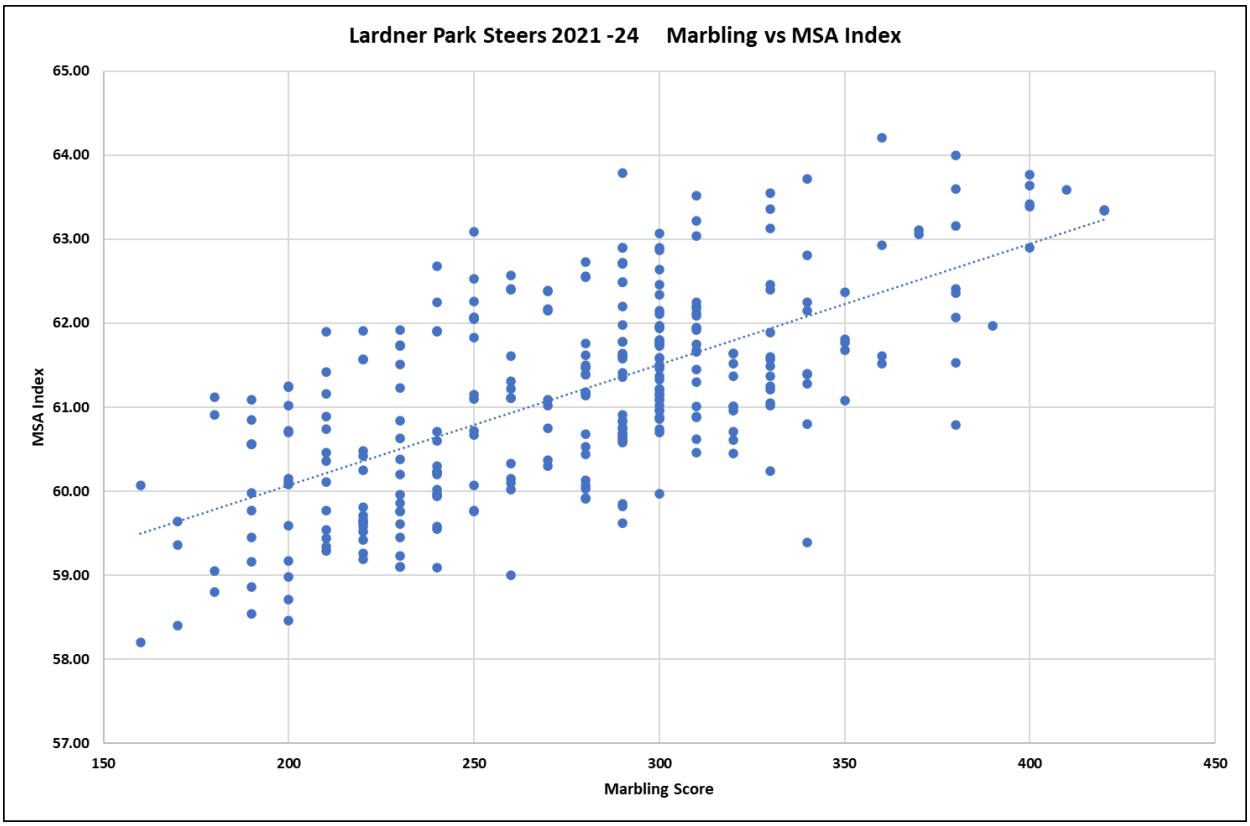


Batlle of the Breeds – MSA Index (averaged) by breed

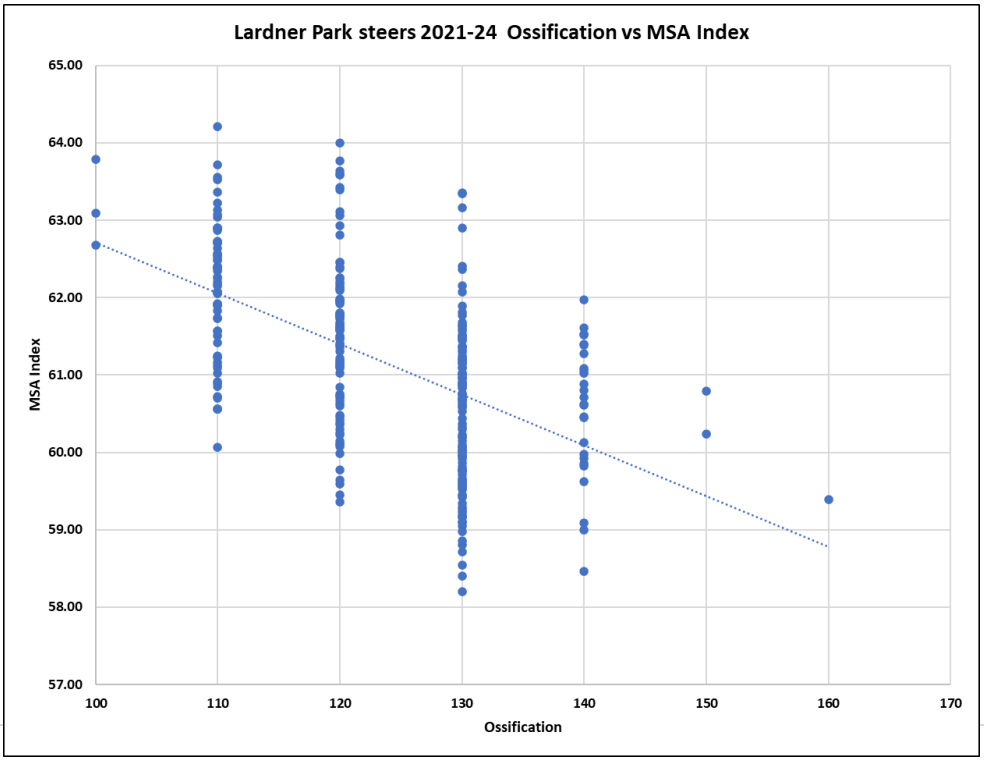


There

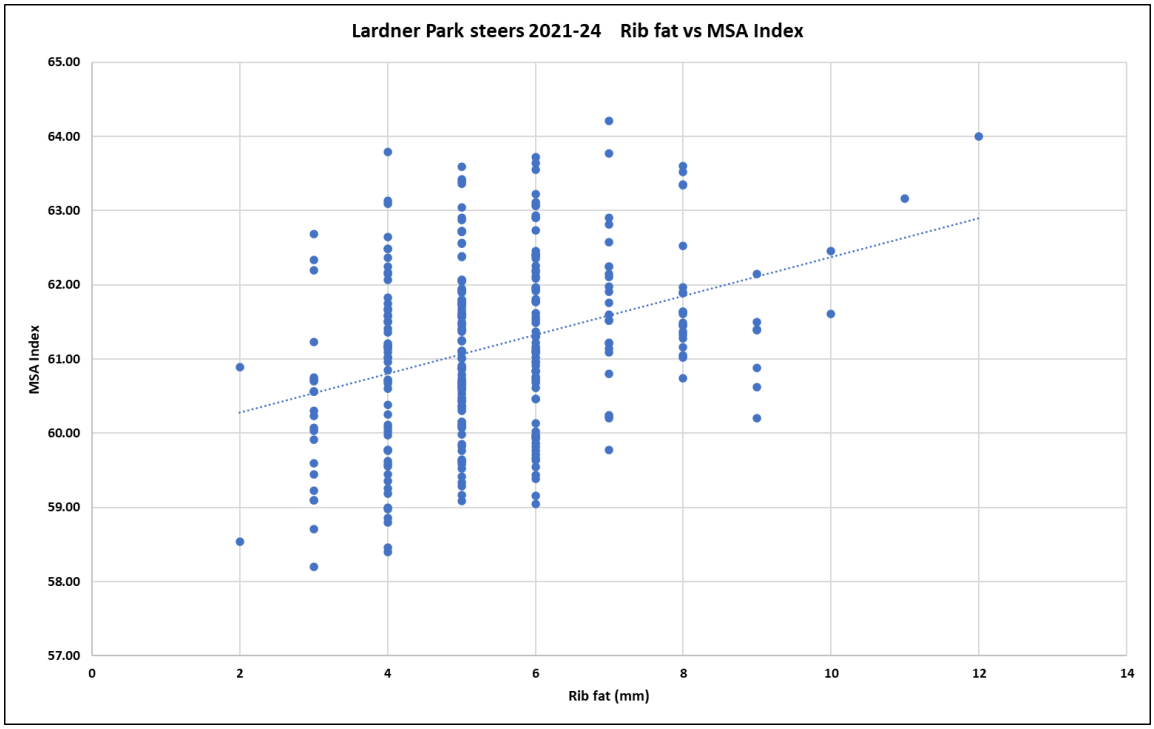
Marbling: an increase in the MSA marble score of 100, equates to a 1.5 unit increase in the MSA Index. MSA marbling in the steer trial ranged from 160 up to 380. Selection for improved MSA marble score can be achieved by selecting animals with higher Intramuscular Fat (IMF) EBVs



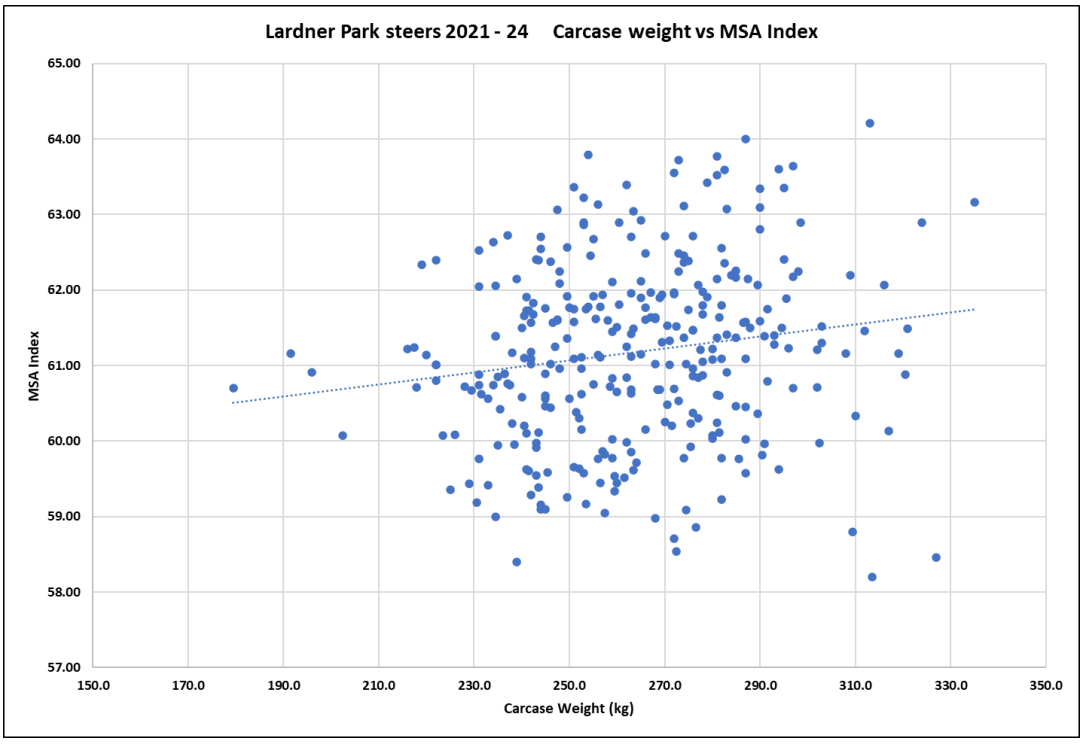
Ossification: The graph shows as ossification increases, the MSA Index decreases. As ossification scores decrease by 10, the MSA Index potentially increases by 0.6 index units. Ossification scores in the steer trial ranged from 110 -150. Selection for lower ossification scores can be achieved by selecting animals with higher 200 day growth, 400 and 600 day weight EBVs.



Rib fat: A 1mm increase in rib fat corresponds to a potential increase in the MSA Index of 0.1 index units.



Carcase weight: carcase weight only has a small impact on MSA Index, with MSA calculating that as HSCW increases by 1kg, the MSA Index will potentially increase by less than 0.01 index units. The data from the last two years steer trials shows carcase weight had very little influence on the MSA index.



For further information please see the Tips and Tools at the following link:
https://www.mla.com.au/marketing-beef-lamb-and-goat/meat-standards-australia/msa-beef/

Age at finishing

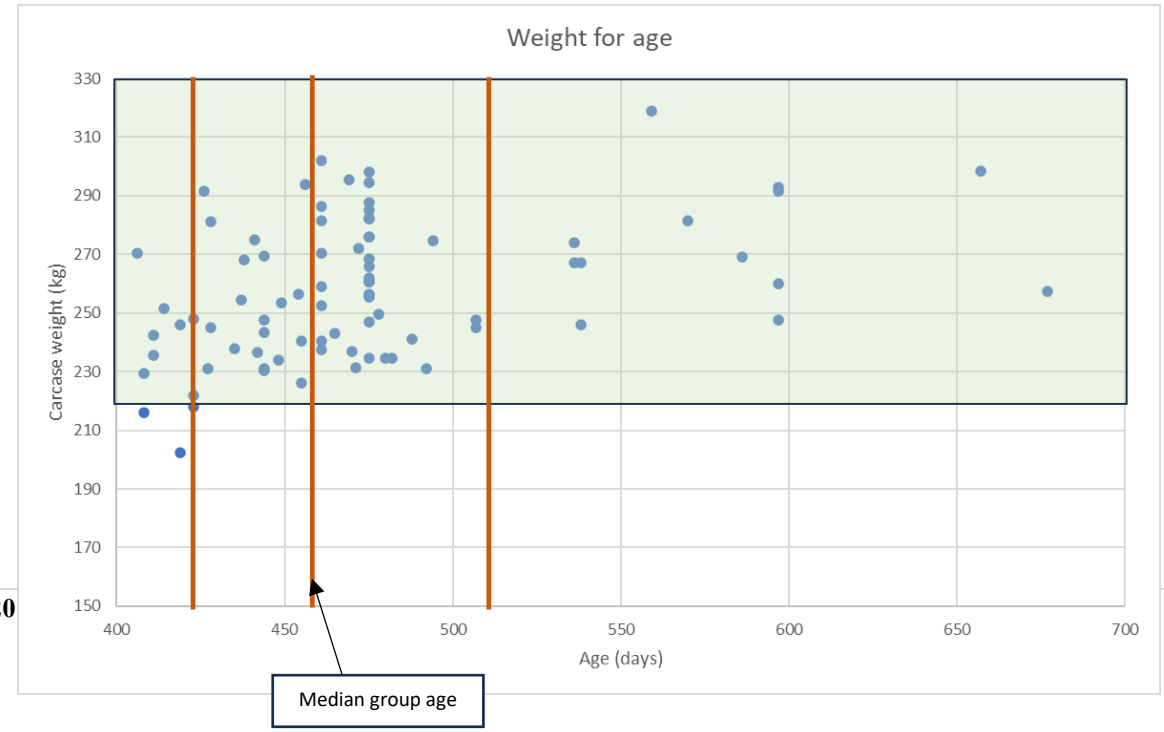
Based on the birth dates of the steers provided on registration forms, it was interesting to note the large range in age at processing. *Note: this data on age at finishing is for information only and is not part of the finishing trial judging criteria*. Overall, age at finish depends on animal genetics, pasture composition overlaid by livestock and pasture management and farm systems. The table and graph below show the estimated average age, youngest 10% and oldest 10% groups' estimated age at processing for the 2023 steers.

The youngest 10% group's age at processing was 423 days (14.1 months) of age (slightly younger than last year), the median (50%) group's age was 490 days (15.3 months) of age (same as last year) while the oldest 10% group's age was 510 days (17 months) of age (younger than last year). Average finishing age for the whole group was 466 days (last year was 505 days). On the basis of this finishing trial there appears to be potential to finish stock, depending on the farm system, at least one month younger on average. This would have a substantial impact in reducing greenhouse gas emissions in the beef supply chain.

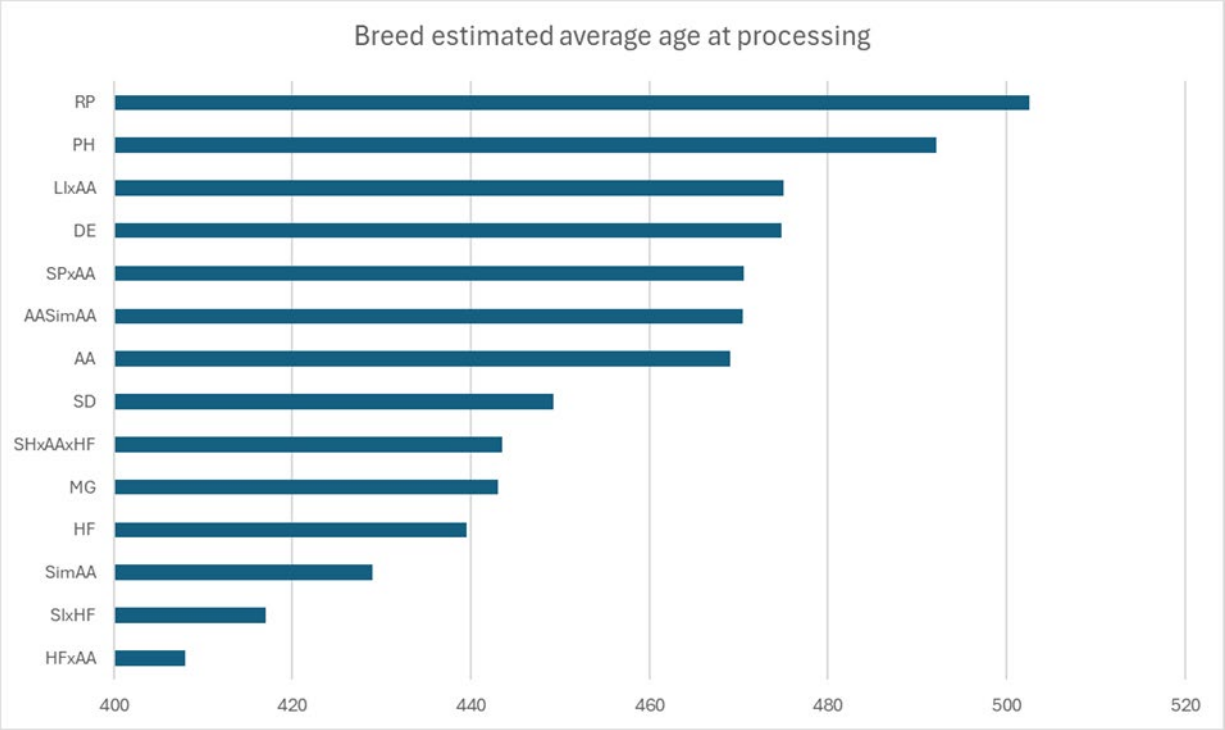
What does this mean in terms of greenhouse gas emission estimates for the supply chain? Shorter time to finish and process would likely result in a decreased emissions profile. In the future will the supply chain look more favourably at stock reaching processing weights and specifications at a younger age? Younger finished stock will contribute less to Scope 3 emissions at the processing level of the supply chain. Scope 3 emissions are indirect greenhouse gas emissions occurring as a consequence of the activities of a works, but from sources not owned or controlled by the processor.

Using the University of Melbourne Greenhouse Accounting Tool (SB-GAFv2.4) 90 head finishing 30 days earlier would produce approximately 24 t CO_2-e less than a similar mob finishing 30 days later. Emissions intensity ranges from 8.7 to 9.1 kg CO_2-e/kg LWT for younger and older mobs respectively.

	Estimated age at processing	Difference from median
Youngest 10% group age	423 days	-40 days
Median (50%) group age *Average group age*	460 days *466 days*	
Oldest 10% group age	510 days	+50 days



Batlle of the Breeds – Average age of breed at processing



Note: 2 of the South Devon (SD) steers did not meet the lower carcase weight specification of 220 kg carcase weight. One steer was 2 kg light and the other 17.5 kg under weight. If these steers were held until they met specifications it would add a few days to the breed average age at processing.

See the following pages for the results of each participants cattle. The table includes where the cattle finished in relation to other entrants.

The various components that contribute to the final scores for the cattle are listed and where relevant, components have been traffic lighted to help give an indication of areas that stock are doing well in, or could be areas to look at to address if you wished to improve the performance of your cattle.

	Red colour indicates a much lower performance than other cattle in the trial
	Orange colour indicates generally in the mid range of performance compared to other cattle in the trial
	Green colour indicates that performance in this trait is good compared to other cattle in the trial

The ranges used for colour allocation for the different attributes of performance that are used to score your cattle. *Note: some of these ranges may change from year to year depending on how cattle perform in the trial each year. Where traffic lighting is purely based on points awarded in the carcase traits through MSA grading, the ranges are unlikely to change.*

Weight Gain	< 146 kg (<1 kgLW/day gain)	146-190 kg (1-1.3 kgLw/day gain)	>190 kg (>1.3 kgLw/day gain)
Carcase Score	≤ 69.99	70 – 84.99	≥ 85
P8 fat mm (ideal 8-14 mm fat)	≤5 points (≤4 mm P8 fat)	6 - 9 points (5 – 7 mm P8 fat, 15mm P8 fat)	10 points (8 – 14 mm P8 fat)
Rib fat mm (ideal 5-10 mm fat)	0 or 8 points (<3 – 3 mm fat)	12 points (4 mm fat)	15 points (5-10 mm fat)
EMA cm² (Eye Muscle Area)	0 – 8.5 points	9 – 12.5 points	13+ points
MC (Meat Colour)	0 points (Meat colour 5)	1 point (Meat colour 3)	4 – 5 points (Meat colours 2 – 1C)
Oss (Ossification)	>200	150 - 190	100 - 140
MSA Marb (Meat Standards Australia Marbling)	<200	200 - 299	>300
MSA Index	Bottom 50% (a MSA Index less than 59.36) based on non grainfed cattle in Australia 2023-24	50 to 11 % (a MSA Index of 59.36 – 62.94) based on non grainfed cattle in Australia 2023-24	Top 10% (a MSA Index of 62.95 and above) based on non grainfed cattle in Australia 2023-24

Note: the scoring systems for the MSA graded attributes of the carcase is done automatically through a program designed for use in carcase competitions – ABCAM (Australian Beef Carcase Appraisal Method). With the version of ABCAM that has been used for the steer trial, EMA points are determined by the computer program from a look up chart that is based around the eye muscle area as a proportion of carcase weight, and this gives an estimate of the saleable meat yield from that carcase.

For further information on the impacts of the different carcase attributes – particularly if your cattle are ranked lower for some of these attributes and you are wishing to address them - can have on eating quality, see https://www.mla.com.au/marketing-beef-lamb-and-goat/meat-standards-australia/msa-beef/

The points awarded for EQ (eating quality) on the MSA grading sheet, are a proportion of the MSA index (in this case 77.5% of the MSA index). If you add together the EQ points + MC (meat colour) points + rib fat points + EMA (eye muscle area) points + P8 fat points = Carcase Score (that you can see in the 5th column on the following sheets)

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Tag no.	Farm Name	Weight gain	Weight gain pts	Carcase Score (from grading sheet)	Carcase pts	Total pts	Pair Total pts	Place	Carcase Score Information – from MSA Grading sheet																		
									LW kg	CW kg	DP %	P8 fat mm	P8 fat pts Max 10	Rib fat mm	Rib fat pts Max 15	EMA cm²	EMA pts Max 20	pH	MC	MC pts Max 5	Oss	Hump	MSA Marb	MSA index	EQ pts
1	Ampitheatre Pastoral Partnership	240	61.03	84.94	61.53	122.56	233.12	1	562	293	52.1	9	10	9	15	67	7	5.51	1C	5	140	50	340	61.40	47.9
2		197	50.09	83.47	60.47	110.56			532	291.5	54.8	7	9	5	15	69	8	5.53	2	4	150	50	380	60.79	47.5
3		146	37.13	87.61	63.47	100.59	165.74	42	496	247.5	49.9	10	10	10	15	68	10.5	5.57	2	4	140	45	360	61.61	48.1
4		175	44.50	28.50	20.65	65.15			497	260	52.3	6	8	4	12	66	8.5	5.92	4	0	130	45	230	59.45*	0
5	Balla Balla	124	31.53	73.19	53.02	84.55	180.48	37	457	246	53.8	4	5	5	15	55	5	5.59	3	1	130	45	280	60.44	47.2
6		166	42.21	74.15	53.72	95.93			486	245	50.4	6	8	3	8	62	8	5.53	2	4	130	40	230	59.10	46.1
7	Black Diamond Speckle Park Stud	188	47.81	80.47	58.29	106.10	201.84	28	524	266	50.8	6	8	5	15	61	6.5	5.62	2	4	120	40	200	60.15	47.0
8		136	34.58	84.43	61.16	95.74			456	234.5	51.4	5	7	5	15	66	10.5	5.58	2	4	120	50	280	61.39	47.9
9		163	41.45	80.61	58.39	99.84	208.61	14	487	255.5	52.5	5	7	6	15	60	6.5	5.65	2	4	120	45	280	61.62	48.1
10		181	46.03	86.61	62.74	108.77			490	260.5	53.2	6	8	6	15	70	10.5	5.58	2	4	110	50	290	62.90	49.1
11	Brejayanne	134	34.07	45.90	33.25	67.32	169.52	40	398	202.5	50.9	6	8	4	12	60	10	5.60	2	4	130	45	280	60.07	46.9
12		170	43.23	81.40	58.97	102.20			445	218	49	9	10	5	15	61	9	5.56	2	4	120	40	240	60.71	47.4
13		228	57.98	74.71	54.12	112.10	222.04	4	576	291.5	50.6	4	5	4	12	71	8.5	5.59	3	1	120	45	310	61.75	48.2
14		201	51.11	81.21	58.83	109.94			522	275	52.7	4	5	5	15	66	7.5	5.55	1C	5	110	50	270	62.39	48.7
15	Bungeeltap Pastoral	200	50.86	83.65	60.60	111.45	224.79	2	532	282.5	53.1	5	7	5	15	68	8	5.55	2	4	120	50	410	63.59	49.7
16		195	49.59	88.00	63.75	113.33			514	262	51	9	10	5	15	69	9.5	5.57	2	4	120	45	400	63.39	49.5
17		219	55.69	72.79	52.73	108.42	214.47	6	516	256	49.6	4	5	4	12	51	2.5	5.62	2	4	110	45	330	63.13	49.3
18		192	48.82	79.00	57.23	106.05			514	276	53.7	5	7	5	15	60	5	5.59	2	4	120	50	280	61.47	48.0
19	Carlyle	238	60.52	76.52	55.43	115.95	224.66	3	590	294.5	49.9	5	7	5	15	57	2.5	5.57	2	4	120	45	280	61.50	48.0
20		205	52.13	78.11	56.58	108.71			570	298	52.3	10	10	4	12	59	3.5	5.57	2	4	120	45	340	62.25	48.6
21	Charellen Poll Herefords	199							526	269	51.1	10	10	5	15	58	4.5	5.58	3	1	130	45	290	60.68	47.4
22		226	Steer ineligible due to incorrect castration						572																	
23		146	37.13	78.93	57.18	94.30	202.65	26	459	237.5	51.7	6	8	5	15	60	7.5	5.68	3	1	130	45	300	60.74	47.4
24		185	47.04	84.63	61.31	108.35			499	267	53.5	10	10	8	15	71	10.5	5.59	3	1	130	50	320	61.64	48.1
25	Clearhills Partnership	199	50.60	28.00	20.28	70.89	183.47	36	480	252.5	52.6	4	5	5	15	63	8	5.89	4	0	130	40	290	60.62*	0
26		212	53.91	81.00	58.68	112.59			502	259	51.6	6	8	6	15	60	6.5	5.57	2	4	130	50	290	60.83	47.5
27	Cleatmore	178	45.26	79.95	57.92	103.18	194.55	34	462	231	50	4	5	5	15	66	10.5	5.67	3	1	110	45	250	62.05	48.4
28		155	39.41	71.72	51.95	91.37			439	230.5	52.5	4	5	4	12	59	7.5	5.69	3	1	130	40	220	59.19	46.2
29	Ganado Greys	179	45.52	65.78	47.65	93.17	206.02	20	488	243	49.8	2	0	3	8	59	7	5.65	2	4	130	40	280	59.91	46.8
30		212	53.91	81.36	58.94	112.85			536	269.5	50.3	4	5	5	15	66	8	5.58	1C	5	120	55	310	61.94	48.4
31	Gippsland Water	164	41.70	86.39	62.58	104.28	213.17	8	502	267	53.2	14	10	8	15	68	9	5.50	2	4	140	45	390	61.97	48.4
32		182	46.28	86.42	62.60	108.88			520	274	52.7	8	10	6	15	71	9.5	5.59	2	4	130	50	320	61.37	47.9
33	Glendoxey	156	39.67	83.33	60.37	100.03	196.74	33	477	231.5	48.5	9	10	9	15	58	7	5.58	2	4	140	50	310	60.62	47.3
34		154	39.16	79.44	57.55	96.71			477	237	49.7	7	9	6	15	51	4	5.62	2	4	130	40	290	60.76	47.4
35		193	49.08	81.46	59.01	108.09	207.42	18	490	234.5	47.9	8	10	5	15	48	3	5.52	1C	5	110	45	250	62.06	48.5
36		166	42.21	78.85	57.12	99.33			495	249.5	50.4	9	10	7	15	46	1	5.48	2	4	110	40	260	62.57	48.9

	Carcase Score Information – from MSA Grading sheet

Tag no.	Farm Name	Weight gain	Weight gain pts	Carcase Score (from grading sheet)	Carcase pts	Total pts	Pair Total Pts	Place	LW kg	CW Kg	DP %	P8 fat mm	P8 fat pts Max 10	Rib fat mm	Rib fat pts Max 15	EMA cm²	EMA pts Max 20	pH	MC	MC pts Max 5	Oss	Hump	MSA Marb	MSA index	EQ pts
37	Glenfalloch	174	44.25	81.29	58.89	103.13	216.66	5	562	302	53.7	8	10	4	12	70	7.5	5.60	2	4	130	55	330	61.21	47.8
38		201	51.11	86.16	62.42	113.53			574	294	51.2	10	10	8	15	69	7.5	5.57	2	4	120	45	380	63.60	49.7
39	Jones Farms	180	45.77	80.37	58.22	103.99	174.73	38	536	272	50.7	4	5	5	15	64	7	5.55	1C	5	120	50	310	61.95	48.4
40		187	47.55	32.00	23.18	70.73			570	295.5	51.8	9	10	8	15	67	7	5.95	4	0	130	50	330	61.89*	0
41		182	46.28	70.53	51.09	97.37	207.80	17	468	238	50.9	4	5	3	8	55	5.5	5.55	1C	5	120	40	240	60.23	47.0
42		189	48.06	86.10	62.37	110.43			481	248	51.6	6	8	6	15	70	11.5	5.60	2	4	130	45	300	60.96	47.6
45	Kentsie Murray Grey	192	48.82	82.21	59.55	108.38	174.32	39	490	256.5	52.3	4	5	5	15	70	10.5	5.61	2	4	120	50	260	61.11	47.7
46		181	46.03	27.50	19.92	65.95			463	234	50.5	6	8	4	12	59	7.5	5.95	4	0	110	45	300	62.64*	0
47	Ketlang Red Poll	165	41.96	83.04	60.16	102.11	199.87	30	459	236.5	51.5	5	7	5	15	64	9.5	5.66	2	4	130	40	310	60.89	47.5
48		149	37.89	82.64	59.87	97.75			436	222	50.9	5	7	5	15	61	9	5.49	2	4	130	45	320	61.01	47.6
49	Lennox & Burgess	199	50.60	77.55	56.18	106.78	210.90	12	510	268	52.5	7	9	4	12	60	5.5	5.48	1C	5	130	50	200	58.98	46.1
50		171	43.48	83.71	60.64	104.12			473	253.5	53.4	6	8	5	15	65	8.5	5.66	2	4	120	50	300	61.75	48.2
51	Lineham Farms	148	37.63	83.82	60.72	98.35	208.20	16	477	247	51.8	5	7	5	15	67	10	5.62	2	4	130	50	330	61.25	47.8
52		192	48.82	84.24	61.02	109.85			510	256.5	50.3	9	10	6	15	61	7	5.56	2	4	120	45	290	61.78	48.2
53		157	39.92	35.00	25.35	65.28	169.50	41	456	243.5	53.4	6	8	6	15	72	12	6.17	5	0	160	50	340	59.39*	0
54		166	42.21	85.60	62.01	104.22			485	247.5	51	6	8	7	15	68	10.5	5.53	2	4	130	50	330	61.60	48.1
55	Mosiac Farms	162	41.19	87.03	63.05	104.24	209.70	13	516	287.5	55.7	10	10	9	15	73	9.5	5.60	2	4	130	50	340	62.15	48.5
56		172	43.74	85.21	61.73	105.46			524	285	54.4	9	10	6	15	71	9	5.55	2	4	140	50	310	60.46	47.2
57		161	40.94	76.60	55.49	96.43	204.54	22	522	276	52.9	4	5	4	12	65	7	5.54	1C	5	130	50	320	60.96	47.6
58		178	45.26	86.76	62.85	108.11			497	260.5	52.4	6	8	6	15	73	11.5	5.57	2	4	130	50	350	61.81	48.3
59	Molesworth Pastoral	186	47.30	80.88	58.59	105.89	211.80	11	530	268.5	50.7	6	8	5	15	62	6.5	5.64	2	4	130	45	290	60.68	47.4
60		198	50.35	76.70	55.56	105.91			542	282	52	6	8	4	12	61	5	5.50	2	4	120	50	270	61.09	47.7
61	Moorville	196	49.84	76.25	55.24	105.08	211.99	10	576	319	55.4	11	10	8	15	61	2.5	5.53	3	1	130	55	280	61.16	47.8
62		207	52.64	74.93	54.28	106.92			554	281.5	50.8	5	7	4	12	59	4	5.48	1C	5	120	45	210	60.11	46.9
63		195	49.59	83.42	60.43	110.02	212.41	9	526	281	53.4	5	7	5	15	72	9.5	5.62	2	4	130	50	330	61.37	47.9
64		177	45.01	79.22	57.39	102.40			496	270.5	54.5	5	7	5	15	59	5	5.59	1C	5	120	45	220	60.48	47.2
65	Pyrope Red Polls	164	41.70	80.64	58.42	100.12	203.11	25	522	274.5	52.6	5	7	5	15	68	8.5	5.59	2	4	140	50	240	59.09	46.1
66		161	40.94	85.66	62.05	102.99			452	231	51.1	6	8	6	15	70	12	5.62	2	4	130	45	230	59.76	46.7
67		157	39.92	79.21	57.38	97.30	205.71	21	495	257.5	52	6	8	5	15	66	8.5	5.56	3	1	140	50	290	59.82	46.7
68		181	46.03	86.11	62.38	108.40			580	298.5	51.5	9	10	7	15	70	8	5.56	2	4	130	50	400	62.90	49.1

*The MSA Index is an Opportunity Index only and indicates what might have been achieved if the steer had not failed on pH (dark cut). As this steer failed one of the key MSA specifications it cannot receive an actual MSA Index and thus receives no eating quality points

Tag no.	Farm Name	Weight gain	Weight gain pts	Carcase Score (from grading sheet)	Carcase pts	Total pts	Pair Total Pts	Place	Carcase Score Information – from MSA Grading sheet															
									LW Kg	CW Kg	DP %	P8 fat mm	P8 fat pts Max 10	Rib fat mm	Rib fat pts Max 15	EMA cm²	EMA pts Max 20	pH	MC	MC pts Max 5	Oss	Hump	MSA Marb	MSA index	EQ pts
69	Rathlyn	198	50.35	84.24	61.02	111.37	213.48	7	489	247.5	50.6	5	7	6	15	65	9	5.51	2	4	120	50	370	63.06	49.2
70		171	43.48	80.93	58.63	102.11			454	234.5	51.7	5	7	5	15	58	7	5.51	2	4	120	45	280	61.39	47.9
71		161	40.94	74.54	54.00	94.94	198.62	31	445	231	51.9	5	7	5	15	50	4	5.59	3	1	130	45	310	60.88	47.5
72		190	48.31	76.43	55.37	103.68			477	241	50.5	6	8	5	15	55	5.5	5.60	3	1	130	45	260	60.10	46.9
73	Riverbend	173	43.99	86.30	62.52	106.51	203.33	24	425	216	50.8	6	8	6	15	66	11.5	5.64	2	4	120	45	260	61.22	47.8
74		176	44.75	71.87	52.06	96.82			439	229.5	52.3	4	5	4	12	55	6.5	5.67	3	1	120	45	250	60.67	47.4
75	Riverline	175	44.50	79.35	57.48	101.98	208.40	15	516	255	49.4	9	10	5	15	57	5	5.70	3	1	120	45	310	61.92	48.3
76		190	48.31	80.21	58.11	106.42			532	275	51.7	6	8	5	15	60	5	5.52	3	4	110	45	230	61.74	48.2
77	Tarcombe Herefords	162	41.19	86.71	62.81	104.01	200.31	29	460	240.5	52.3	7	9	6	15	68	11	5.67	2	4	120	50	250	61.10	47.7
78		156	39.67	78.18	56.63	96.30			457	235.5	51.5	6	8	5	15	50	4	5.50	2	4	120	45	220	60.42	47.2
79		193	49.08	86.27	62.49	111.57	206.87	19	512	254.5	49.7	10	10	10	15	65	8.5	5.53	2	4	120	50	300	62.46	48.8
80		140	35.60	82.41	59.70	95.30			445	226	50.8	5	7	5	15	60	8.5	5.60	2	5	120	45	200	60.08	46.9
81	Tarwin Poll Herefords	178	45.26	75.32	54.56	99.83	197.83	32	544	281.5	51.7	5	7	4	12	61	5	5.62	1C	4	120	45	240	60.60	47.3
82		158	40.18	79.82	57.82	98.00			550	302.5	55.0	8	10	4	12	69	7	5.51	2	4	140	50	300	59.97	46.8
83		153	38.91	84.53	61.23	100.14	202.61	27	520	275.5	53.0	9	10	7	15	69	8.5	5.52	2	4	130	50	240	60.23	47.0
84		178	45.26	78.97	57.21	102.47			542	287	52.9	17	7	12	11	67	7	5.56	2	4	120	50	380	64.00	50.0
85	Wattleblossom	163	41.45	75.14	54.43	95.88	192.23	35	468	251.5	53.7	5	7	4	12	56	5	5.61	2	4	120	45	230	60.38	47.1
86		173	43.99	72.28	52.36	96.35			476	242.5	50.9	4	5	4	12	49	3	5.52	2	4	110	45	250	61.83	48.3
87	Wattledene Murray Greys	156	39.67	12.50	9.06	48.72	145.48	44	496	245	49.4	2	0	2	0	64	8.5	5.58	2	4	110	50	210	60.89*	0
88		165	41.96	75.64	54.79	96.75			496	246	49.6	4	5	4	12	59	7	5.67	2	4	120	45	270	61.02	47.6
89	Wonyip Park	164	41.70	82.04	59.43	101.13	203.86	23	522	270.5	51.8	6	8	6	15	64	7	5.57	2	4	140	50	380	61.53	48.0
90		170	43.23	82.13	59.50	102.72			520	281.5	54.1	5	7	5	15	68	8	5.53	2	4	120	50	290	61.64	48.1
91		187	47.55	77.57	56.19	103.74	156.44	43	556	286.5	51.5	7	9	6	15	61	4.5	5.68	3	1	130	50	330	61.57	48.1
92		136	34.58	25.00	18.11	52.69			472	240.5	50.9	4	5	4	12	61	8	5.94	4	0	120	55	310	61.66*	0

Lardner Park

2025 Lardner Park Steer Trial

50th Anniversary

“50 Pairs for 50 Years”

As a beef producer, you are invited to enter your steers in this year’s competition.
Be part of this very special occasion as we celebrate the 50th Anniversary of the Lardner Park Steer Trial

Entry details will be released over the coming weeks for an early June commencement.
You can pre-register your interest in the trial by emailing : pam@lardnerpark.com.au

Please share this information with your fellow beef producers

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