



About MLA

Working in collaboration with the Australian Government and the wider red meat industry, MLA invests in initiatives that contribute to producer profitability, sustainability and global competitiveness.













MLA's remit

- Research, Development and Adoption
- Marketing













1. MSA Requirements







1. MSA Requirements – Rib fat and fat distribution

MSA Requirement = minimum of 3mm rib fat and adequate fat distribution







Protection during chilling

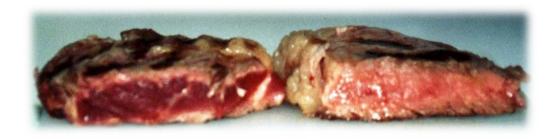




1. MSA Requirements – Ultimate pH

MSA Requirement = pHu less than 5.71

High pH



Low pH

High pH = unpredictable eating quality, cooking inconsistencies and reduced shelf life





1. MSA Requirements – Meat colour

Recent MSA research outcomes;

- a. Confirm meat colour has no impact on eating quality, where pH is an acceptable level.
- b. Meat colour no longer an MSA minimum requirement
- c. pH less than 5.71 will remain as a MSA minimum requirement

Meat colour is no longer an MSA minimum requirement but may remain a company specification



1. MSA Requirements

What you need to meet MSA



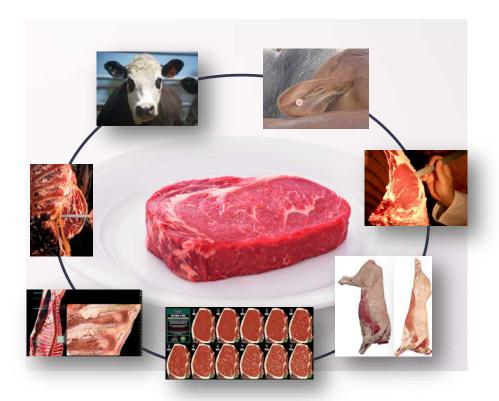
2. Measuring performance







2. Measuring performance – factors affecting eating quality



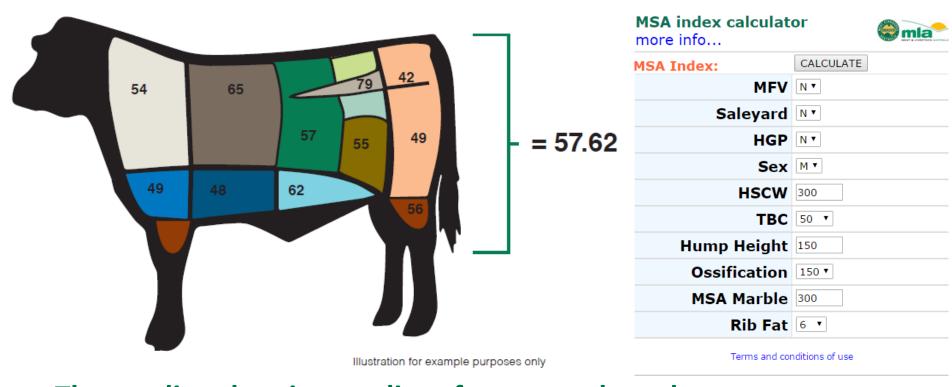
More information here

Only traits that affect eating quality are important to MSA





2. Measuring Performance – What is the MSA Index?



The predicted eating quality of a carcase based on producer controlled attributes





2. Measuring Performance – Why the MSA Index?

W.I.I.F.M?

- a. Useful for evaluation of on-farm genetic progress & management strategies over time
- b. A solid benchmarking tool for suppliers of cattle
- c. Allows you to measure your herd's eating quality performance

Providing a standard measure of eating quality over time



2. Measuring performance

MSA index and compliance are key
indicators



3. MSA Feedback





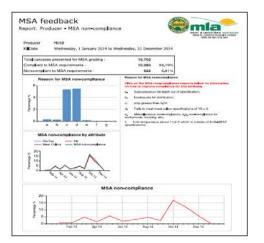




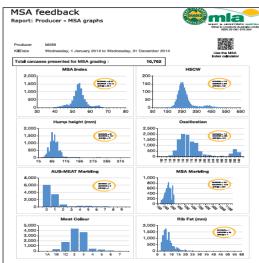
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	982 000145043213	GIWBO031XBE06962	N	N	N	N	AT	F	300,0	×	90	160	320	1	2	2	•	76	5,48	7,0	Y	N	N	57,34
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MSA feedback

982 000145021610

982 000145027990

Report: Producer - Carcase feedback

Producer M058

KillDate Monday, 9 March 2015 Plant 9999 MSA Research Plant



QWB0031X8E07175

QMB0031XBE06941





70

Total

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Body 3	MSA minimum requir RFID 982 000142724817	NLIS QIMB0031XBE07251	MFV N	SY N	HGP N	N	AT	м	200,0	×	75	130	230	AUSMB 0 2	MC 2 2	2	RF 4 11	62	5,46	7.3	FatDist Y Y	N	N	57,33
Body 3 5	MSA minimum requir RFID 982 000142724817 982 000145017607	NLIS QIMB0031XBE07251	MFV N N	SY N	HGP N	N	AT	м	200,0	×	75	130	230	AUSMB 0 2	MC 2 2	2	RF 4 11	62	5,46	7.3	FatDist Y Y	N	N	57,33

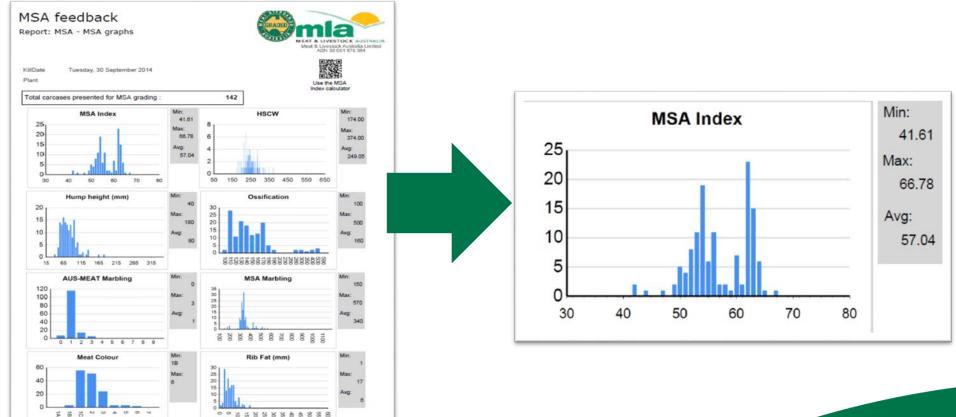
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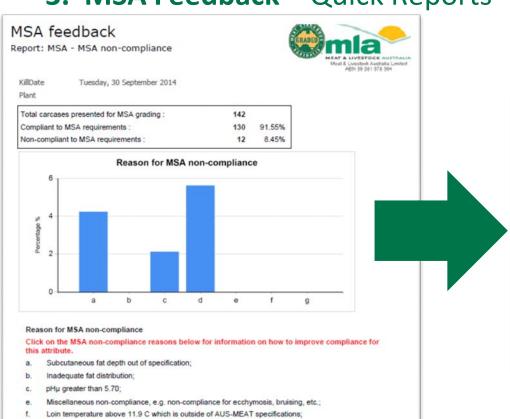


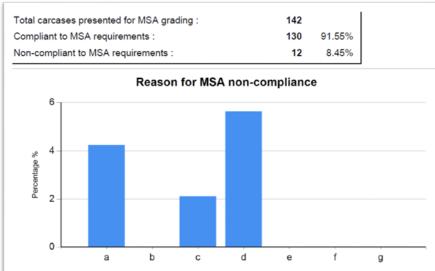




myMSA - It's more than just feedback sheets





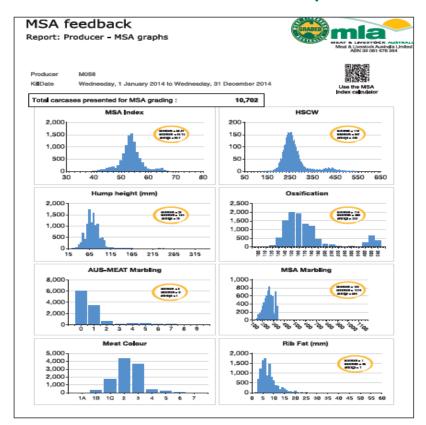


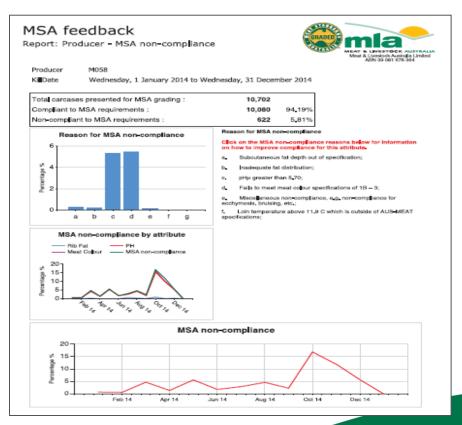


Fails to meet hide puller damage specifications of less than 10cm x 10cm damage on a single primal



3. MSA Feedback –Reports Over Time





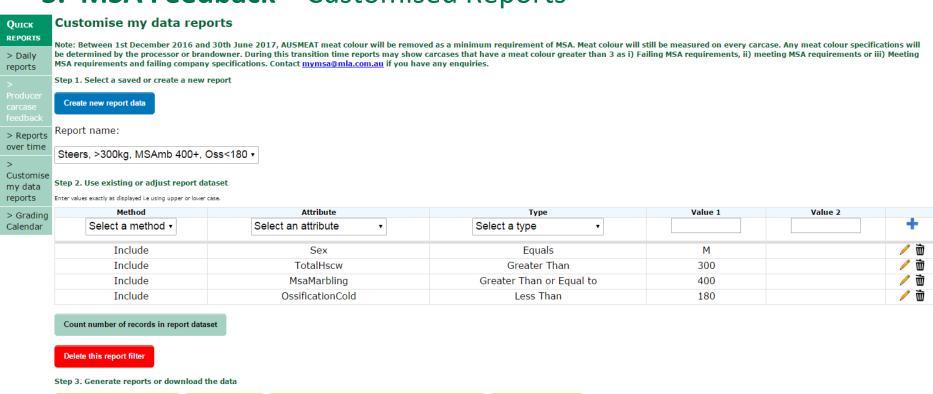






MSA non-compliance

3. MSA Feedback – Customised Reports



Download data

myMSA - It's more than just feedback sheets

MSA graphs

Company specification non-compliance





3. MSA Feedback – MSA Benchmarking



Find it here

Online benchmarking coming soon to myMSA...



3. MSA Feedback

Key to making informed decisions



Understanding MSA requirements and feedback



- 1. MSA requirements What you need to meet MSA
- 2. Measuring performance MSA Index and compliance are key indicators
- 3. MSA feedback Key to making informed decisions

Informed decisions to improve eating quality and compliance



Question time



What is the most common cause for MSA non-compliance?

Reducing non-compliance to pH

- 1. Glycogen
- 2. The bucket
- 3. MSA requirements





1. Glycogen



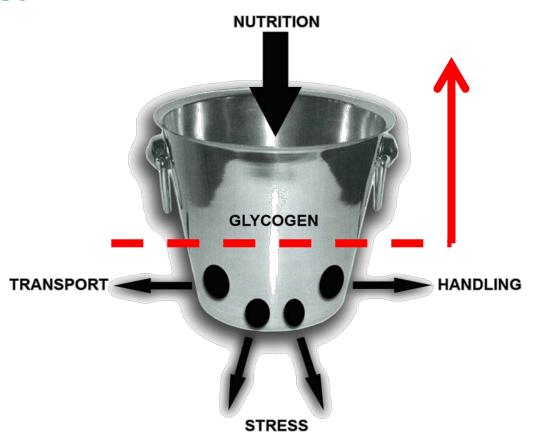


...It's muscle energy



2. The bucket

THE GLYCOGEN BUCKET



Buffer Zone

Keep it full!



3. MSA Requirements

- 1. Producers have to be registered.
- 2. Cattle kept on registered property for minimum of 30 days before dispatch
- 3. Cattle to be consigned to be running as one mob for minimum of 14 days before dispatch
- 4. No drafting of cattle within 14 days of dispatch
- 5. Best practice stock handling to minimise stress
- 6. Send your NVD and MSA Vendor declaration with the cattle

Best management practice



Most common cause for MSA non-compliance?



1. Glycogen Muscle energy

2. The bucket Keep it full

3. MSA requirements Best management practice

Reducing non-compliance to pH



Question time

