



NATIONAL FEEDLOT ACCREDITATION SCHEME

CHRISTIAN MULDER'S



**TRUE
AUSSIE
BEEF & LAMB**





National Livestock Identification System







Grain Fed Beef - Guaranteed

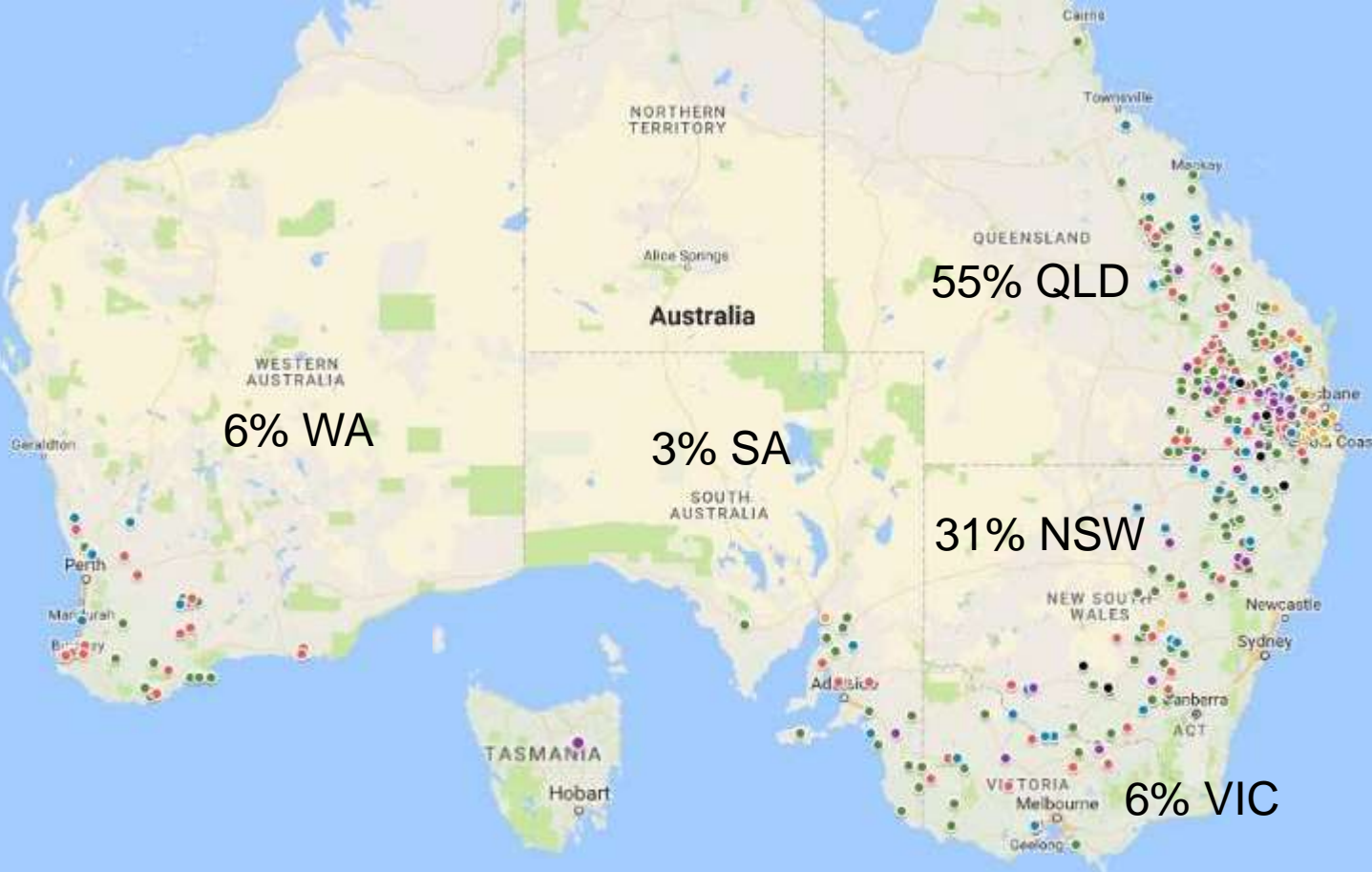


FEEDLOT INDUSTRY SNAPSHOT

- 400 NFAS accredited feedlots
- Industry turnover in 2015-16 was \$4.6 billion
- Employs 1,985 people directly
- 96% of feedlots are family owned



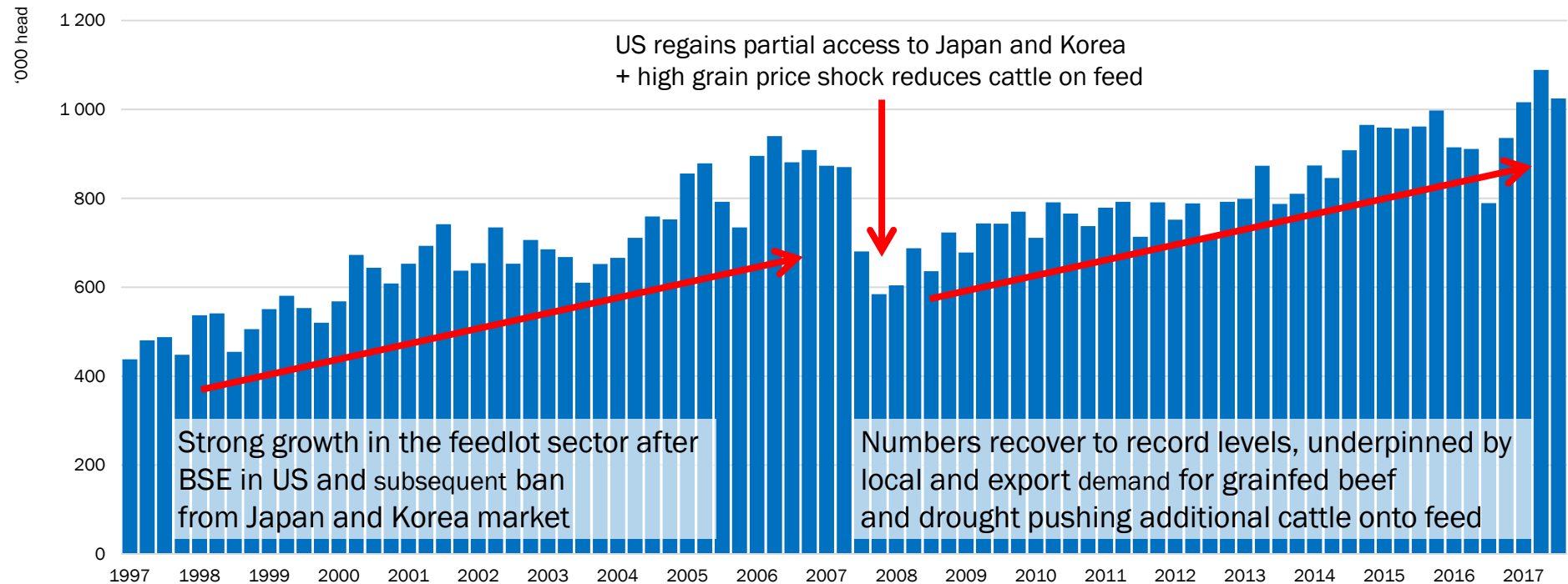
NFAS FEEDLOT LOCATION CAPACITY BY STATE



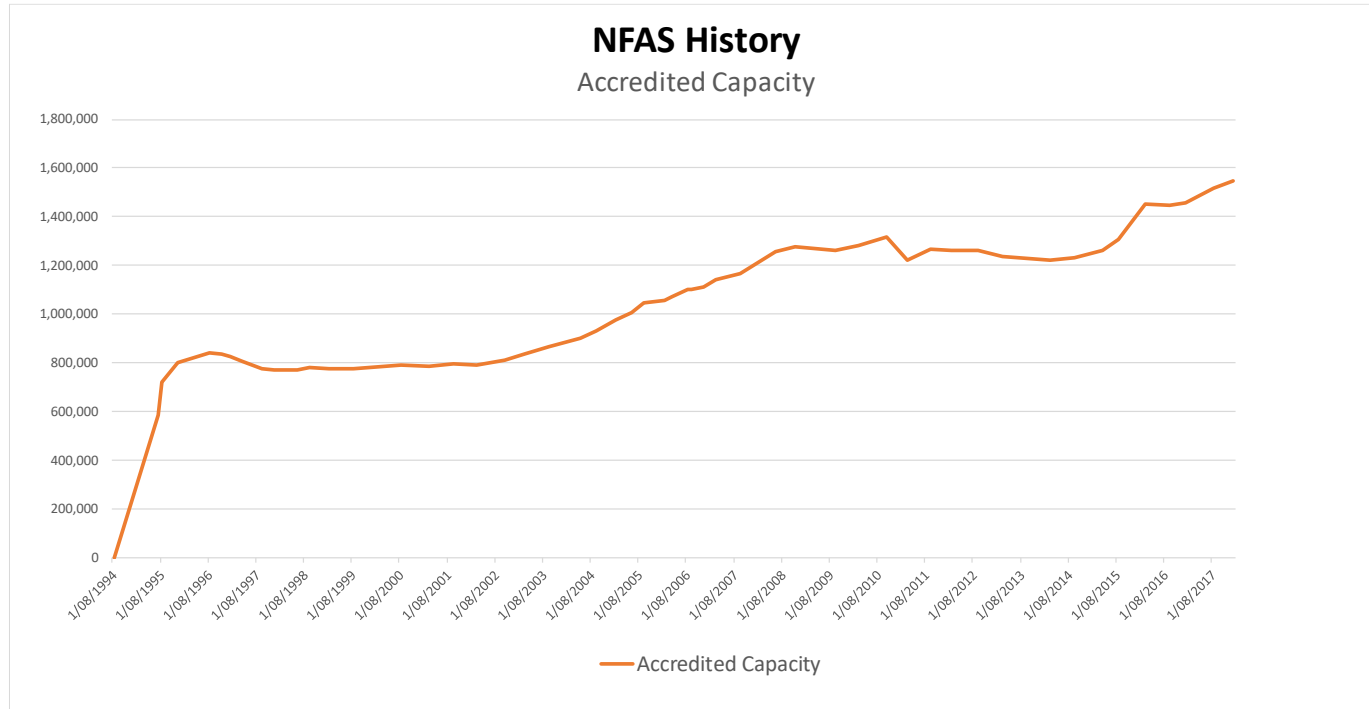
Category	Size	Code
A	(1 to 100)	Yellow
B	(101 to 1000)	Green
C	(1001 to 4000)	Red
D	(4001 to 10000)	Blue
E	(10001 to 30000)	Purple
F	(>30000)	Black



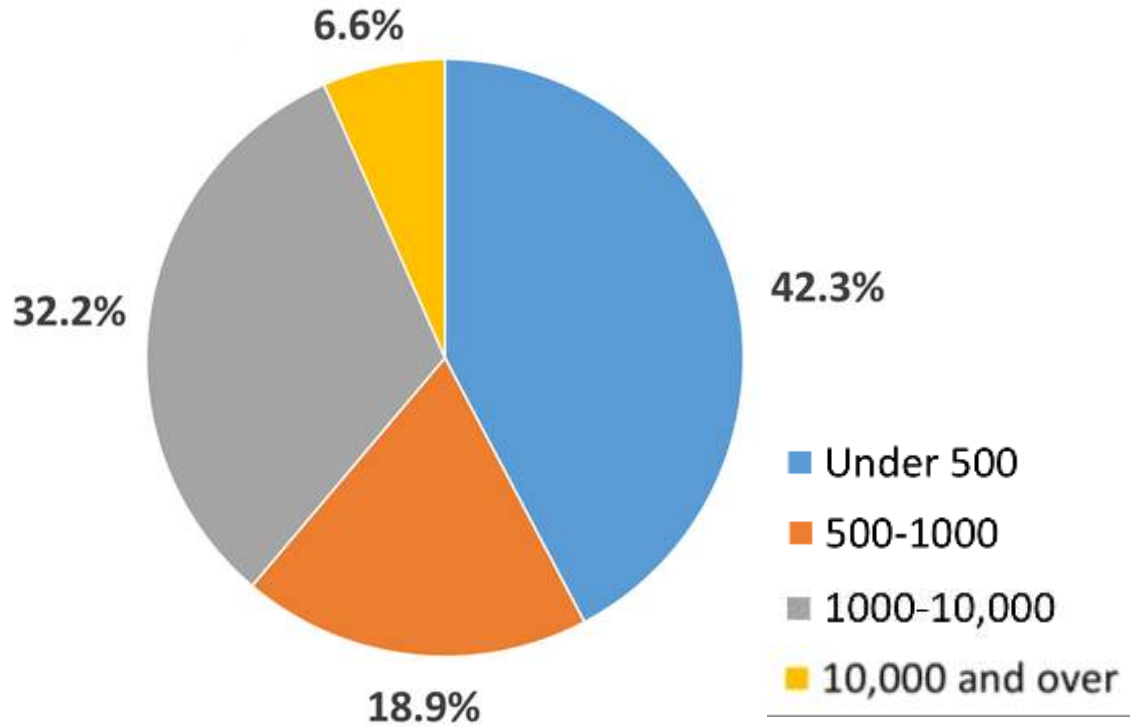
CATTLE ON FEED – 1 MILLION HEAD



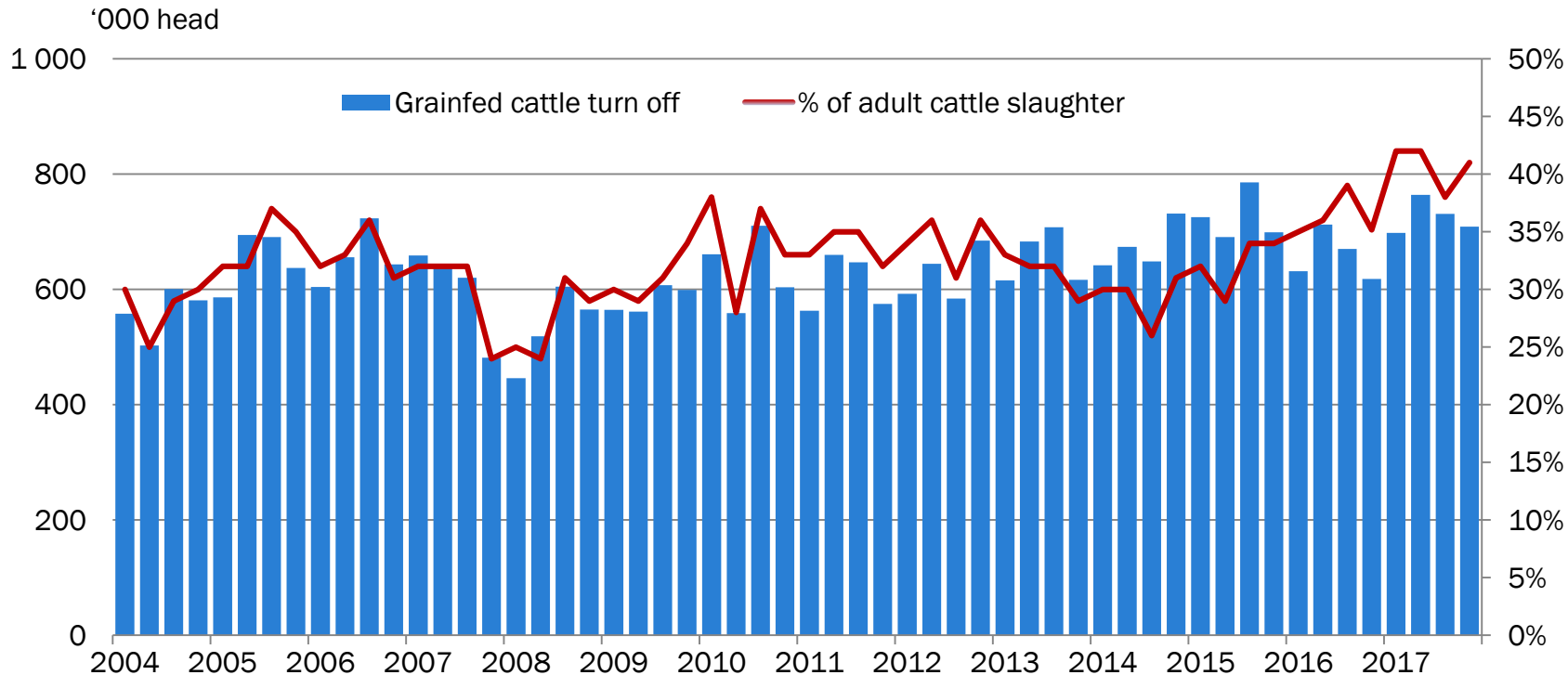
FEEDLOT CAPACITY – 1.3 MILLION HEAD



FEEDLOTS BY SIZE – TOP 20% COVER 80%



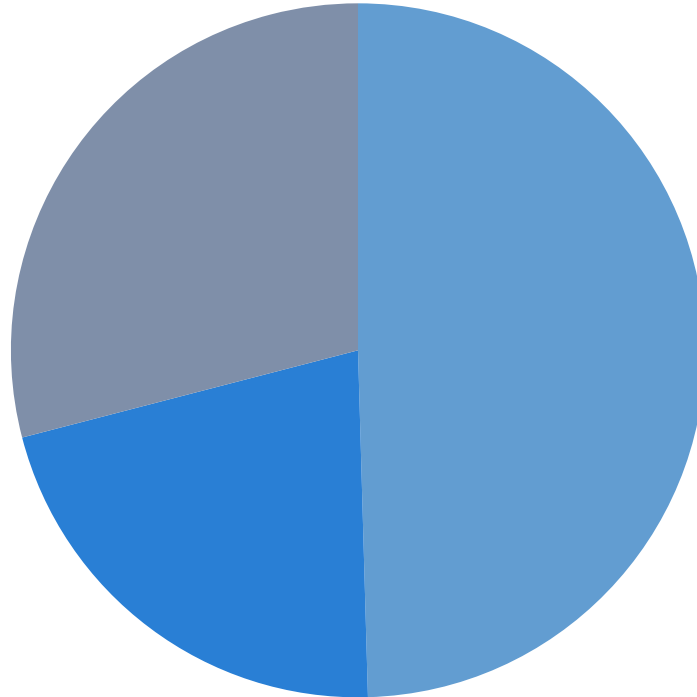
GRAIN FED CATTLE TURNOFF



Source: ABS, ALFA/MLA



GRAIN FED BEEF EXPORTS BY MARKET



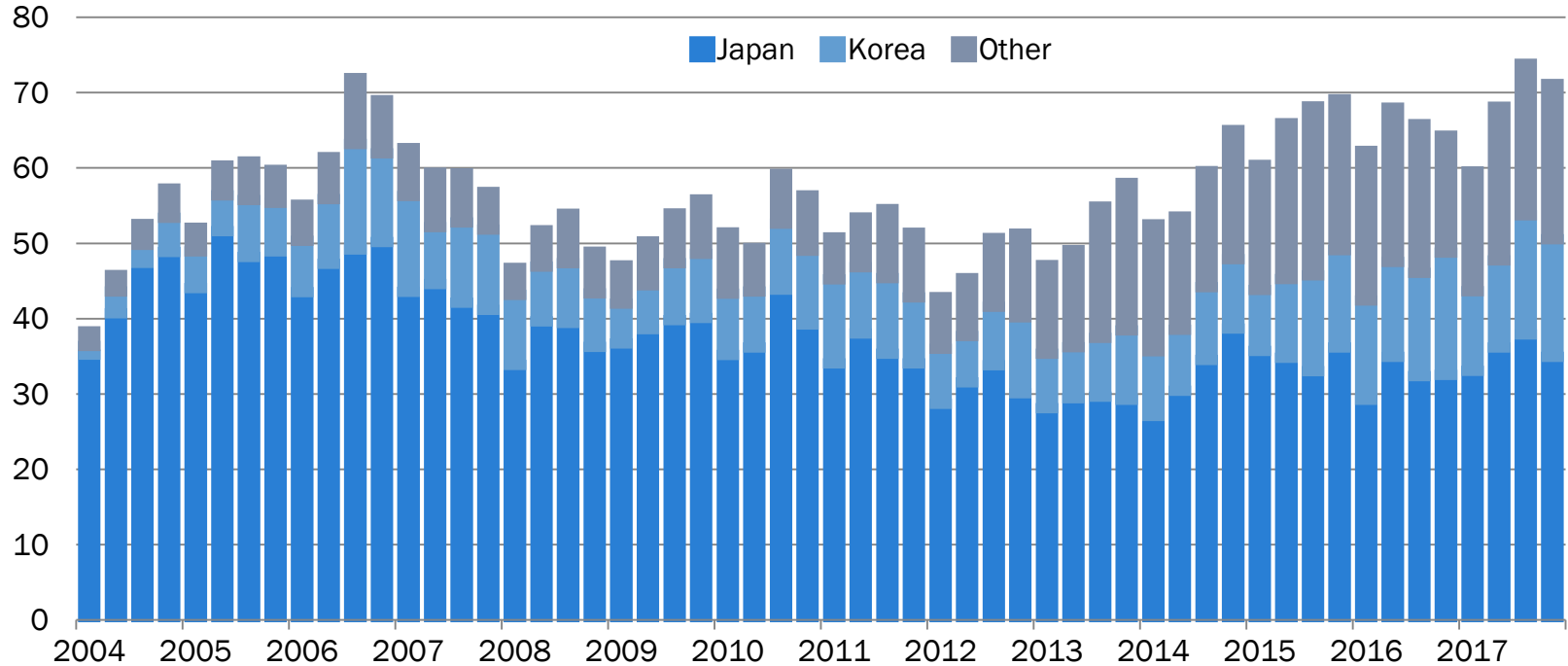
- Japan 129,005 (50%)
- South Korea 55,756 (21%)
- Other 75,624 (29%)

Source: DAWR, tonnes, swt 2016



QUARTERLY GRAIN FED EXPORTS

'000 tonnes swt





Grain Fed Beef - Guaranteed



MISSION

To ensure the Australian beef feedlot industry demonstrates a responsive feedlot management program for continual improvement, particularly in relation to cattle welfare and the environment, whilst guaranteeing the safety and integrity of grain fed beef.

FEEDLOT



Accredited
Feedlot
+
Delivery
Documentation
= Eligibility

ABATTOIR

MINIMUM SPECIFICATIONS AND DEFINITIONS
FOR GRAIN FED BEEF

FOR CARCASSES TO BE ELIGIBLE FOR THESE DESCRIPTIONS,
THE FOLLOWING CRITERIA MUST BE MET -

GRAIN FED		GRAIN FED YOUNG BEEF	
<p>GF</p> <p>DAYS ON FEED SECRET MACHINE</p> <p>30 DAYS</p> <p>MINIMUM WEIGHT FEED</p> <p>130 DAYS</p>	<p>PRODUCTION</p> <p>Cattle must be fed in an accredited feedlot in accordance with the feedlot rules must have an average minimum daily energy density greater than 1200kJ/kg DM (16 per kg dry matter)</p>	<p>GFYG</p> <p>DAYS ON FEED SECRET MACHINE</p> <p>30 DAYS</p> <p>MINIMUM WEIGHT FEED</p> <p>130 DAYS</p>	<p>GRAIN FED YOUNG BEEF</p> <p>30 DAYS</p> <p>MINIMUM WEIGHT FEED</p> <p>130 DAYS</p>
CARCASS SPECIFICATIONS			
<p>MEAT COLOUR</p> <p>1 2 3 4 5</p>	<p>FAT COLOUR</p> <p>1 2 3 4 5</p>	<p>MEAT COLOUR</p> <p>1 2 3 4 5</p>	<p>FAT COLOUR</p> <p>1 2 3 4 5</p>

Meat Quality
Attributes
(Chiller
Assessment
Criteria)

LABELLING



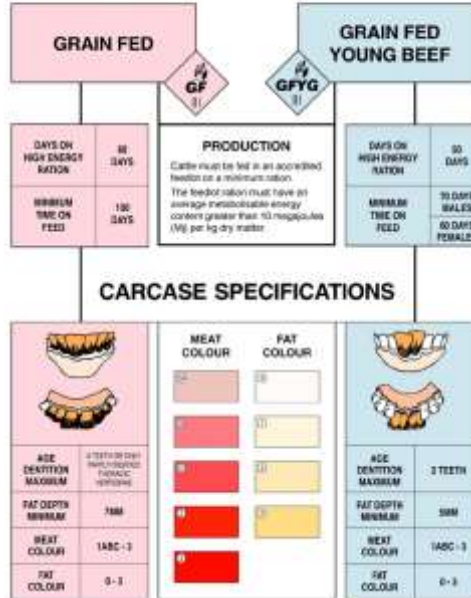
Graded
Grain Fed Beef
(GF, GFYG,
GFF) +
Labelling

MINIMUM GRAIN FED STANDARDS

Minimum Standards for Grain Fed Beef as defined in the *AUS-MEAT Language*

MINIMUM SPECIFICATIONS AND DEFINITIONS FOR GRAIN FED BEEF

FOR CARCASSES TO BE ELIGIBLE FOR THESE DESCRIPTIONS, THE FOLLOWING CRITERIA MUST BE MET ...



MINIMUM GRAIN FED STANDARDS - GF

DOF: 100 for steers and females

Age: 6 teeth (max)

P8 Fat: Depth:7 mm (minimum)

Meat Colour: 1A, 1B, 1C – 3

Fat Colour: 0 – 3

The cattle must have been fed in an Accredited Feedlot for not less than 100 days, and for not less than 80 days of that, on a nutritionally balanced ration of a recognised high energy feed of which grain is the highest single component. Rations must have an average metabolizable energy (ME) content greater than 10 megajoules (MJ) per kg of dry matter.



MINIMUM GRAIN FED STANDARDS - GFYG

DOF:70 for steers (60 days for females)

Age: 0 – 2 teeth inclusive

P8 Fat Depth: 5 mm (minimum)

Meat Colour: 1A, 1B, 1C – 3

Fat Colour: 0 – 3

The cattle must have been fed in an Accredited Feedlot for not less than 100 days, and for not less than 80 days of that, on a nutritionally balanced ration of a recognised high energy feed of which grain is the highest single component. Rations must have an average metabolizable energy (ME) content greater than 10 megajoules (MJ) per kg of dry matter.




TRADE DESCRIPTION AND LABELLING

Minimum Standards
for Grain Fed Beef
linked to Trade
Description through
Export Legislation

BONE IN BEEF
PRODUCT OF AUSTRALIA
***YG* SHORTLOIN GFYG**
IW/VAC

ANY MEAT WORKS Co
LONG FLAT ROAD
ANYTOWN NSW
32307
KEEP REFRIGERATED




(01) 9 931671012345 3 (3101) 000262 (13) 140110 (21) 41457354

GRL MSA 3 @ 5 days MSA 4 @ 14 days
RST MSA 3 @ 5 days MSA 4 @ 14 days
TSL MSA 4 @ 5 days

PACKED ON: 10-JAN-2014 14:28
BEST BEFORE: 19-FEB-2014

26.2kg 57.8lb
NET WEIGHT Carton ID 41457354



EST. NO.9999



NFAS GOVERNANCE

- AUS-MEAT Limited owns NFAS on behalf of the feedlot industry



NFAS GOVERNANCE

- AUS-MEAT administers the Scheme through the Feedlot Industry Accreditation Committee (FLIAC)
- 4 State Governments representatives from QLD, NSW, VIC and WA, 1 from AUS-MEAT and two nominated from ALFA which includes the Chair



NFAS VALUE PROPOSITION

- Continual improvement management structure and verification audit
- Market Access
- Reduced costs (in some situations)
- Demonstrates the feedlot operates in accordance with requirements and expectations = social license



NFAS RULES AND STANDARDS

Module	No of Elements
Quality Management System	9
Livestock Management	5
Environmental Management	7
Livestock Management	6
Product Integrity	2

QUALITY MANAGEMENT SYSTEM

Module	Item	Element
Quality Management System	QM1	Training
	QM2	Internal Auditing and Corrective Actions
	QM3	Quality Records
	QM4	Document Control
	QM5	Chemical Inventory
	QM6	Review of Product Requirements
	QM7	Notification of Non - Conforming Product / Product Recall
	QM8	Risk Assessment & Contingency Planning
	QM9	Calibration

FOOD SAFETY MANAGMENT

Module	Item	Element
Food Safety Management	FS1	Property Risk Assessment
	FS2	Safe and Responsible Animal Treatments
	FS3	Fodder Crop, Grain and Pasture Treatments and Stock Foods
	FS4	Preparation for Dispatch of Livestock
	FS5	Livestock Transactions & Movements

LIVESTOCK MANAGEMENT

Module	Item	Element
Livestock Management	LM1	Livestock Identification
	LM2	Livestock Husbandry & and Presentation
	LM3	Livestock Transport
	LM4	Animal Welfare
	LM5	Excessive Heat Load
	LM6	Biosecurity
	LM7	Incident Reporting

LIVESTOCK MANAGEMENT

TABLE 1 – Morbidity and Mortality Triggers over a 24-hour period for activating Incident Reporting

Cattle on Feed (head)	Level 1		Level 2	Level 3
	Morbidity (pulls)	Mortality (deaths)	Mortality (deaths)	Mortality (deaths)
50 to 150	20	3	6	15
151 to 500	20	3	7	16
501 to 1000	20	3	8	17
1001 to 3000	30	3	11	20
3001 to 5000	40	4	12	21
5001 to 7500	55	6	30+	60+
7501 to 10,000	70	7	30+	60+
10,001 to 20, 000	140	9	50+	100+
20,001 to 40, 000	280	11	50+	100+
40,001 head or above	350	15	50+	100+

ENVIRONMENTAL MANAGEMENT

Module	Item	Element
Environmental Management	EM1	Environmental Management
	EM2	Surface Water
	EM3	Ground Water
	EM4	Community
	EM5	Ecology
	EM6	Environmental Incident Reporting

PRODUCT INTEGRITY

Module	Item	Element
Product Integrity	PI1	NFAS Delivery Documentation
	PI2	Feedlot Rations



The image shows a green-themed form titled "NATIONAL FEEDLOT ACCREDITATION SCHEME DELIVERY DOCKET - FORM B". The form is divided into several sections: "FEEDLOT DETAILS", "CATTLE DESCRIPTION", "CONSIGNMENT DETAILS", and "DECLARATION - FORM B".

FEEDLOT DETAILS: Includes fields for Feedlot Name, Location, Address, Telephone, and Fax.

CATTLE DESCRIPTION: A table with columns for Lot No., Age, Sex, Breed, and Year.

CONSIGNMENT DETAILS: Includes fields for Consignor Name, Consignor Address, Date Received, and other consignment information.

DECLARATION - FORM B: A section for the signatory to declare the accuracy of the information provided.

SUMMARY

Quality Assurance Programs that focus on production, traceability and quality have helped Australia build a reputation for producing safe wholesome beef.

This has helped Australian companies go through a transformational change over the last 20 years - from being predominantly commodity based traders to sophisticated customer focused supply chains that focus on delivering brands to customers.

These brands are built on various value propositions but largely focus on the provenance, quality and safety of the product.

The National Feedlot Accreditation was the first QA based program introduced into the Australian livestock industry and it paved the way for other programs to follow.

