



THE MARK
OF QUALITY

The Feedlot Industry

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DISTRIBUTION

- 450 feedlots throughout
- Variation
- Import / Export

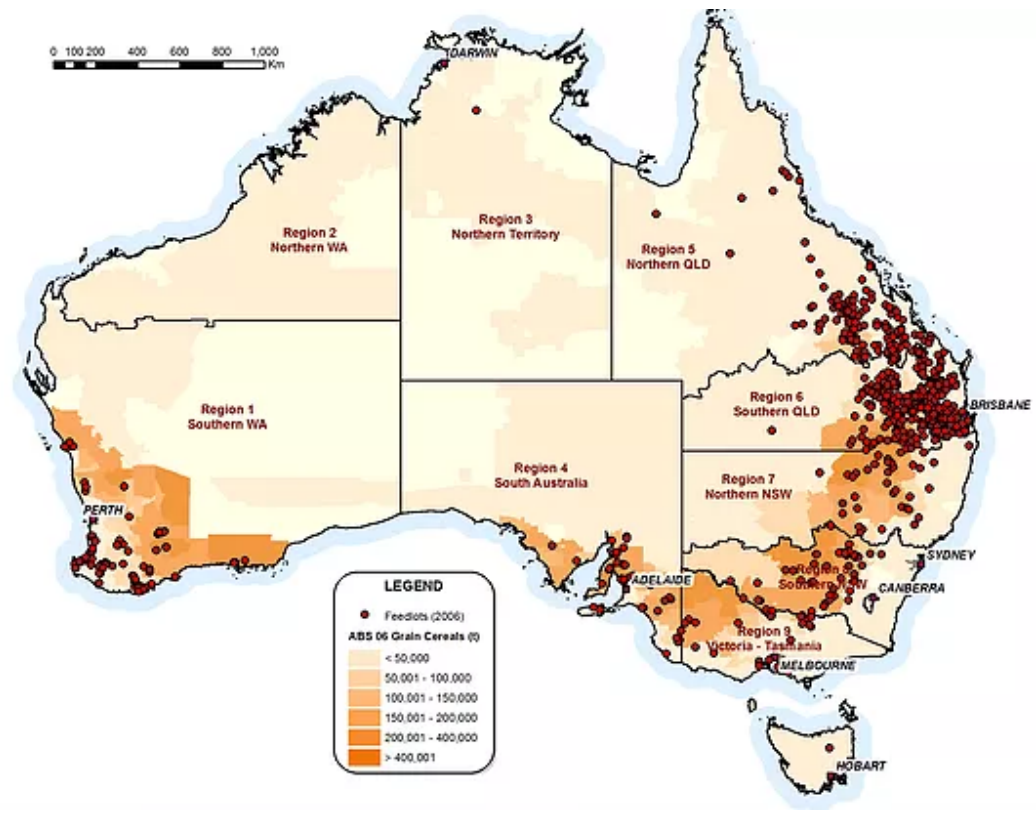


Image: Feedlot Technology Adoption Group



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WHY HAVE FEEDLOTS?

- Market Demand
 - People like grain fed beef!
- Drought management
 - Ensure consistent quality even through unfavourable conditions
 - Meet nutritional needs

AREAS

- 5 areas:
 - Livestock
 - Feed & Mill
 - Farming
 - Maintenance
 - Administration



LIVESTOCK



PURCHASE



ARRIVAL



INDUCTION



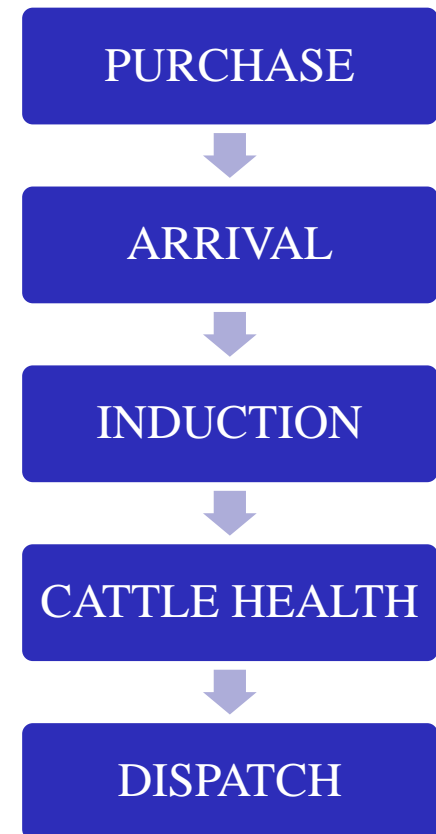
CATTLE HEALTH



DISPATCH

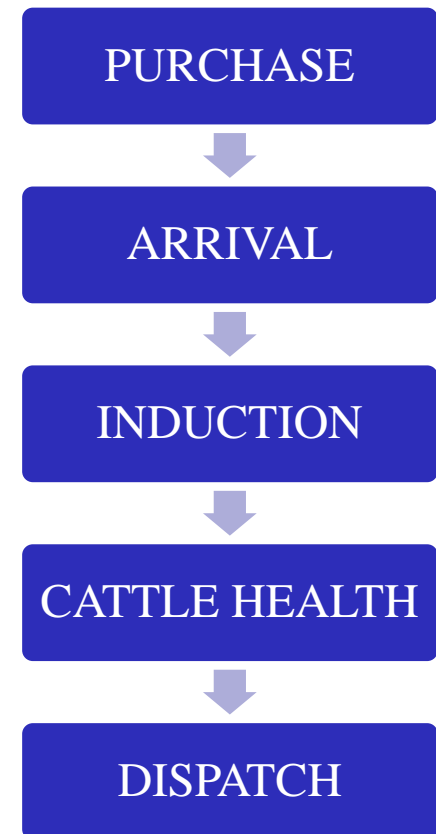
PURCHASE

- Paddock / Saleyard
- Specifications:
 - Weight
 - Breed
 - Dentition
 - Sex



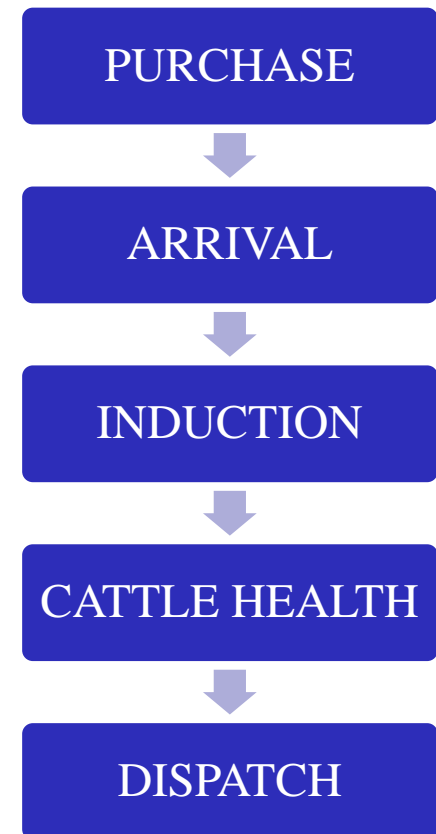
ARRIVAL

- Scan
- Weigh
 - Office
 - Cattle
- Visual Inspection
- Record
- NVD



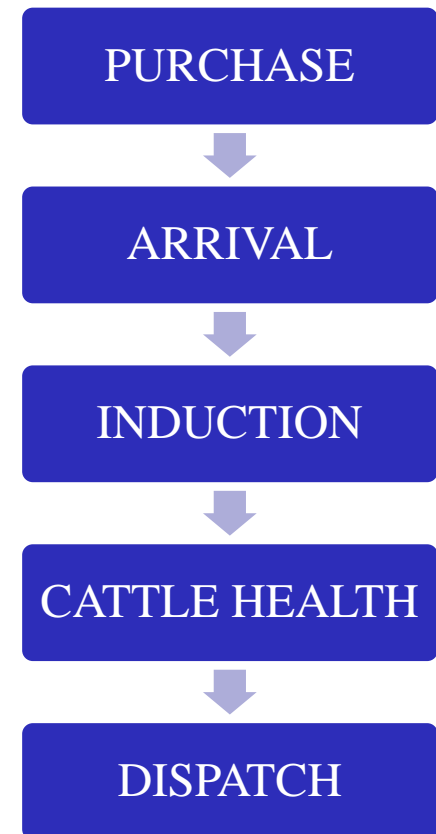
INDUCTION

- Weigh
- Specification
 - Dentition
 - Sex
 - Breed
- Feedlot Management Tag
 - Unique ID
- Record



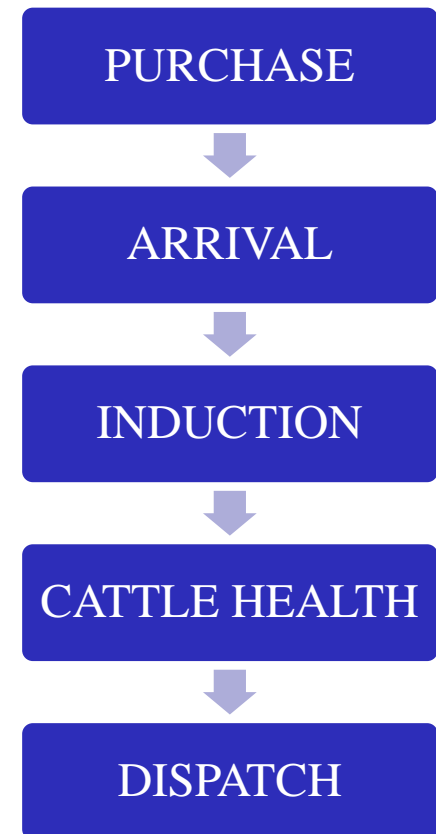
HEALTH & WELFARE

- Pens checked daily
 - Injured / unwell cattle removed
- Diagnosed / treatment
 - Conjunction with consultant vet
- Record



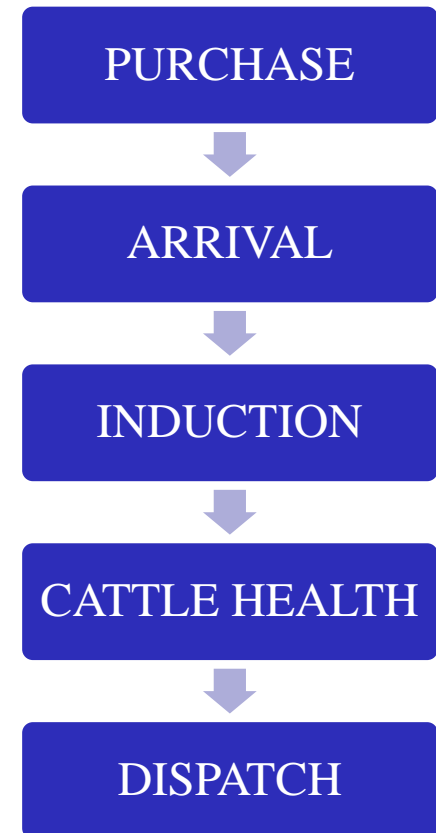
HEALTH & WELFARE

- Acclimation
 - Handle cattle
 - Low Stress
- Check pen condition
- Check Water troughs



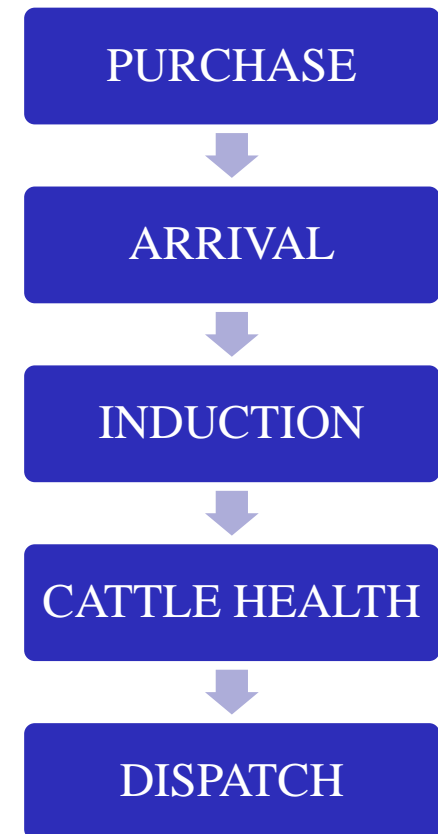
HEALTH & WELFARE

- Autopsies
 - Diagnosis
 - Record
 - Consult



DISPATCH

- Scan
- Weigh
- Declarations
 - NVD
 - NFAS
 - MSA
- Record



FEEDING



RATION



BUNK CHECK



LOADING



FEEDING



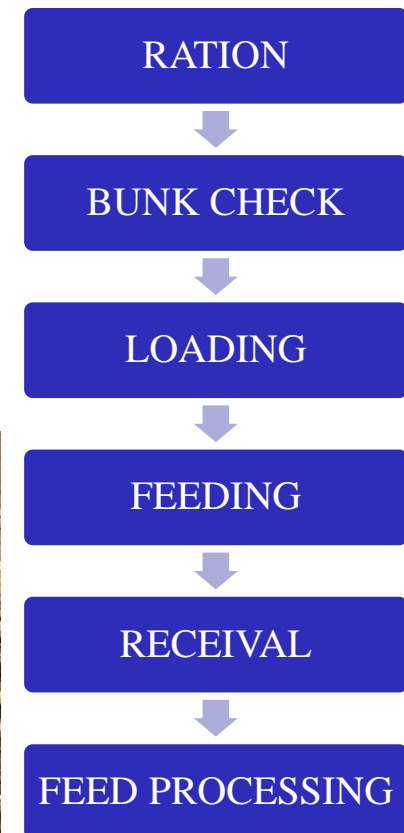
RECEIVAL



FEED PROCESSING

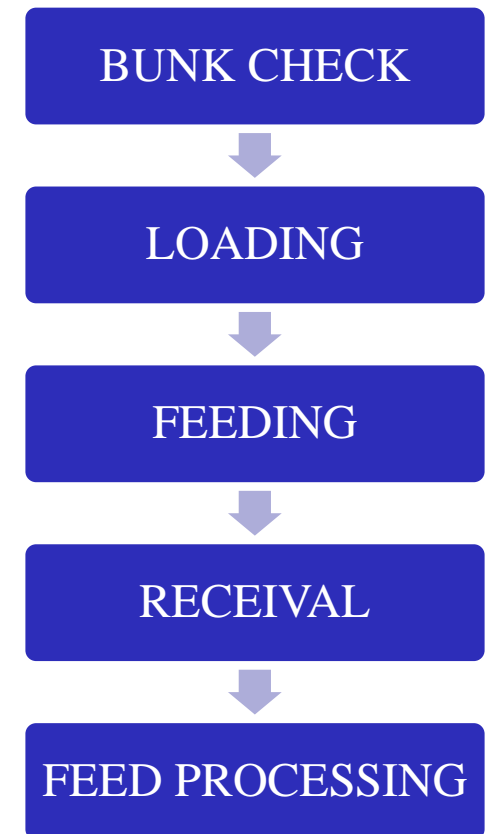
RATION

- Change from grass to grain
- Slow introduction



BUNK CHECK

- How much
- How long
- Which ration
- Maximise intake / minimize waste



LOADING & FEEDING

- Feeders load trucks
 - Scales for accuracy
- Feed pen
- Record



BUNK CHECK



LOADING



FEEDING



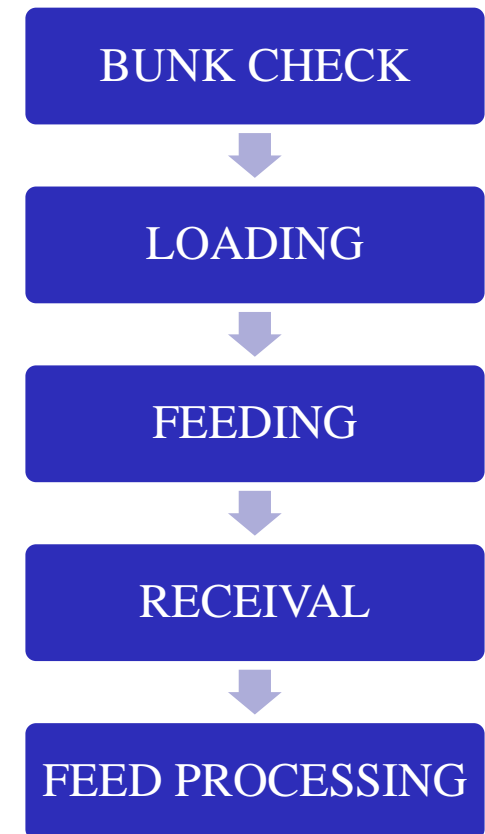
RECEIVAL



FEED PROCESSING

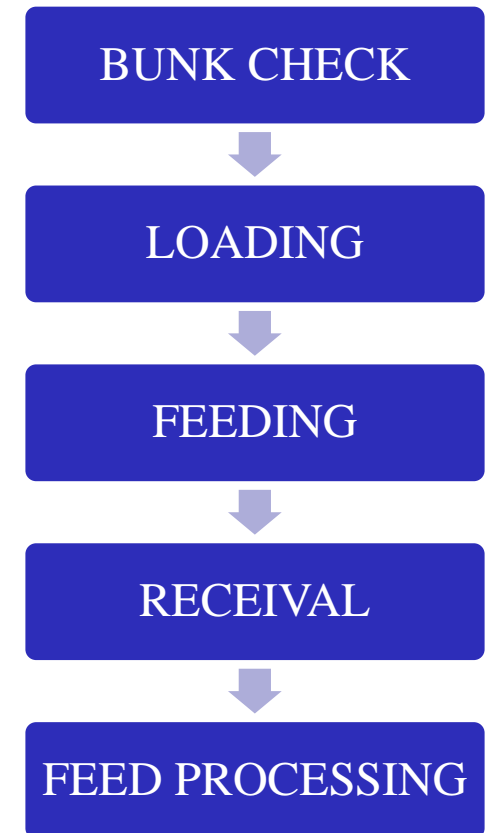
COMMODITY RECEIVAL

- Weighed
- Grain:
 - Sampled for quality
- Other feeds:
 - Visually inspected
- CVD



FEED COMMODITIES

- Milling
- Testing
 - Moisture
- Manage
 - Minimise spoilage
- Turn over
 - Old stock first



FARMING

- How best to utilize land
- Cropping vs Grazing
- Record
 - What planted
 - Spraying
 - Harvest
 - Cattle grazing
 - Soil Testing



MAINTENANCE

- Repairs
- Service vehicles
- Preventative maintenance
- Pen maintenance
 - Manure removal
 - Gravelling
 - Pen surface repairs





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MANURE MANAGEMENT

- Stockpiled
- Composted
- Utilise
- On sell
- Testing

ADMINISTRATION

- Operation of weighbridge
- Accounts
- Payroll
- WHS
- Environment
- QA
- HR



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GENERAL ADMINISTRATION

- Weighbridge
 - Cattle
 - Commodities
 - Calibrated
- Accounts
 - Paid on time
- Payroll
 - Everyone must get paid!



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WHS / ENVIRONMENT / QA / HR

- Induction program
- Procedures
- Maintain manuals
- Audit
- Risk Assessments
- Compliance with licenses



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**NOT AS SIMPLE AS FEEDING
CATTLE IN A PEN!**



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NATIONAL FEEDLOT ACCREDITATION SCHEME

- Capacity
- DOF
- Feeding / Energy requirement
 - 10mjME/kgDM
- Handling and welfare
- Documentation / records
- Environment
- Bio-security
- Animal Identification
- Audited annually
 - Aus-meat





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ENVIRONMENTAL LICENSE

- Issued by EPA
- Specific Compliance
 - Soil Monitoring
 - Water Monitoring
 - Complaints Management
 - Waste Management
- Annual Report

ADDITIONAL SUPPORT

- ALFA
 - National Body
 - Provide information
 - Workshops
- MLA
 - R&D projects





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TRAINING

- On the job
 - Work instructions
 - QA manual
 - Sign off
- Consultants
 - Veterinary
 - Nutritionist
- External
 - Chem cert
 - First Aid
 - Confined Space
 - Heavy machinery
 - Cert III Feedlot Operations
 - Leadership



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TRAINING

- Working in conjunction with MINTRAC
- Rider / Horse Assessment



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SUMMARY

- ✓ Different functions to operate feedlot
- ✓ QA accreditation to ensure consistency across industry
- ✓ Recording is of high importance
- ✓ Procedures and training a must!



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REFERENCE

- Australian Lot Feeders Association:

<http://feedlots.com.au/>

- NFAS:

<https://www.ausmeat.com.au/audits-accreditation/nfas-feedlot-assurance.aspx>

- MLA:

<https://www.mla.com.au/>



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