



Australian Government

AMPMGT511 Manage feedlot facility

Release: 1

AMPMGT511 Manage feedlot facility

Modification History

Release	Comments
Release 1	This version released with AMP Australian Meat Industry Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to plan and manage the operations, facilities and resources of a feedlot facility.

This unit applies to feedlot managers who are responsible for operational planning, managing the health and welfare of stock, managing staff, the maintenance and upkeep of the facility, movement of livestock and for the overall performance of the business.

All work must be carried out to comply with workplace procedures according to state/territory health and safety and animal welfare regulations, legislation and standards that apply to the workplace.

Most Australian feedlots are licensed under the National Feedlot Accreditation Scheme (NFAS), and feedlot managers are required to meet the requirements of this accreditation.

Pre-requisite Unit

Nil

Unit Sector

Feedlot Sector

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and monitor feedlot business operations	1.1 Prepare short-term and long-term feedlot operational plans according to workplace requirements 1.2 Develop production schedules to support operational plans 1.3 Plan and monitor security of land, livestock, inventories and other

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	assets 1.4 Confirm feedlot compliance with applicable health and safety, biosecurity and animal welfare regulations, legislation and standards 1.5 Analyse and benchmark weekly and monthly feedlot performance 1.6 Identify and monitor record-keeping requirements according to organisational and legislative procedures 1.7 Develop recommendations for continuous improvement of work practices
2. Manage and maintain feedlot facilities	2.1 Identify and oversee repair and maintenance of plant, equipment and structures 2.2 Source and manage storage of feed and forage according to organisational requirements 2.3 Confirm feed ingredients are free of residues by obtaining and keeping details on crop/feed treatments 2.4 Monitor cleanliness and maintenance of feedlot to comply with required legislation and standards 2.5 Manage manure waste according to established organisational procedures
3. Manage feedlot animals	3.1 Manage animal welfare according to applicable legislation and government regulations 3.2 Maintain optimal stocking densities according to relevant Standard Cattle Units (SCU) allocations 3.3 Confirm stock rations are effective and comply with nutrition requirements to maintain stock health 3.4 Confirm livestock traceability requirements are addressed according to the National Livestock Identification System 3.5 Manage stock feed to avoid excessive heat load 3.6 Monitor animals for early signs of health issues, and record issues according to organisational requirements 3.7 Follow veterinarian directions in treating animals to ensure optimal animal health 3.8 Market finished stock to buyers
4. Manage the purchase of commodities for stock	4.1 Source and purchase commodities for cattle rations 4.2 Manage the logistics of moving commodities to the feedlot

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
rations	according to workplace requirements
5. Manage feedlot personnel	5.1 Arrange for staff induction and ongoing training according to organisational requirements 5.2 Manage deployment of staff according to organisational requirements 5.3 Manage relations with employees, suppliers and customers
6. Manage the service delivery to meat processors	6.1 Oversee the logistics and timing of stock movement 6.2 Manage flow of animal health data between the processor, feedlot, consulting veterinarians and, if required, the producer 6.3 Confirm stock complies with customer specifications 6.4 Record and address customer complaints according to organisational procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret a range of textual and numerical information relevant to stock feed to determine livestock nutritional values
Writing	Prepare and logically structure schedules for stock movements
Oral communication	Provide feedlot personnel with directions and feedback on performance
Numeracy	- Calculate ratios such as feed rations and levels of stock to space available - Calculate required resources for stock movements for a period of time

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AMPMGT511 Manage feedlot facility	Not applicable	Unit has been created to address an emerging skill required by industry	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>

Assessment Requirements for AMPMGT511 Manage feedlot facility

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has undertaken the following feedlot facility management functions:

- documented a 12 month feedlot operational plan
- conducted one audit of record keeping to comply with legislative requirements
- completed an assessment of all sections of a feedlot facility and confirmed plant, equipment and structures are clean, secure and well maintained on one occasion
- developed one operational and monitoring regime to optimise animal health and welfare and to ensure nutrition and traceability requirements are met
- directed the purchase and logistics of a cattle ration on one occasion
- arranged the induction and training of staff on one occasion
- identified and met the service needs of a meat processor on one occasion.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- principles, practices and factors relating to managing a feedlot facility, including:
 - health and safety considerations, including manual handling
 - relevant animal welfare and biosecurity requirements
 - National Livestock Identification System
 - feedlot design, construction and waste management
 - animal health and welfare requirements
 - stock feeding regimes
 - relationship between feed consumption and liveweight gain
 - strategies to optimise liveweight gain and maximise feed conversion efficiency
 - common pests and diseases, and preventative and management strategies

- impact of climatic factors such as excessive heat load during summer months
- methods of calculating heat load index
- treatments for minor stock injuries
- strategies for training and managing staff
- strategies for managing and developing personnel and stakeholder relationships, including establishing targets, developing capability and managing conflict.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an operating, National Feedlot Accreditation Scheme (NFAS) accredited feedlot
- specifications:
 - workplace policies and procedures, legislation and codes of practice relevant to managing a feedlot facility
- relationships:
 - feedlot staff
 - supplier.

A minimum of three different forms of assessment must be used.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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