



Australian Government

AHCLSK429 Supervise feedlot operations

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Release 11.0.

Application

This unit of competency describes the skills and knowledge required to supervise feedlot operations.

The unit applies to individuals who apply specialist skills and knowledge to supervising feedlot operations. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.

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

In addition to legal responsibilities, all units of competency dealing with animals in the AHC Agriculture, Horticulture and Conservation and Land Management Training Package have the requirements for animals to be handled humanely to minimise stress and discomfort.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Livestock (LSK)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Select feedlot	1.1 Consult workplace plans and management regarding the breeds,

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Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
livestock	classes and numbers of livestock to be obtained for feedlot 1.2 Select and purchase livestock for feedlot 1.3 Inspect health and condition of livestock on delivery 1.4 Complete and store documentation and records according to workplace procedures
2. Oversee the preparation of rations for feedlot livestock	2.1 Identify nutritional needs of livestock according to information available and workplace production targets 2.2 Gather expert advice on livestock nutrition from government, industry or workplace sources 2.3 Select feed ingredients that meet the identified nutritional needs of livestock 2.4 Select suppliers of feed ingredients based on quality and cost-benefit ratios 2.5 Determine quantities of feed ingredients required based on available information and advice 2.6 Formulate feeding schedule and allocate responsibility for feeding livestock to appropriate personnel 2.7 Assess and identify methods of feeding livestock based on available information and advice
3. Supervise feeding of feedlot livestock	3.1 Organise mixing of feed to suit the needs of the livestock, the identified nutritional requirements, and equipment available within the workplace 3.2 Supervise calibration of measuring equipment and calculation of feed ingredient quantities 3.3 Supervise the selection, maintenance and use of suitable personal protective equipment 3.4 Identify hazards and assess risks in the workplace, and implement control measures to manage risks according to workplace health and safety procedures 3.5 Supervise the feeding of livestock according to production program
4. Monitor performance of feedlot livestock	4.1 Monitor the health and condition of livestock and their production levels 4.2 Record and report any reaction or change in livestock from a

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Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	change in feed types, ingredients or schedules 4.3 Provide advice to staff on the feeding of livestock 4.4 Supervise the storage, removal and disposal of all feed wastes and debris from the production environment 4.5 Supervise the identification, documentation and dispatch of livestock for slaughter 4.6 Collate and analyse feedback from slaughter point and downstream customers 4.7 Maintain and store documentation and records according to workplace 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	Identify and interpret textual and numerical information from a range of sources to identify relevant and key information about feedlot livestock selection, rationing and feeding, and feedlot operation requirements
Writing	Use clear language, accurate industry terminology and logical structure to prepare, record and report feedlot operation outcomes,
Oral communication	- Use collaborative and inclusive language and techniques including active listening, questioning and reading of verbal or non-verbal signals to convey and clarify procedural information, confirm work team understanding and compliance with specified procedures and eliciting information from staff - Respond to questions, clarify information and seek advice
Numeracy	Calculate livestock and feed quantities and costs associated with feedlot operations

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCLSK429 Supervise feedlot operations	AHCLSK410 Supervise feedlot operations	Minor changes to application Minor changes to elements and performance criteria Foundation skills added Assessment requirements updated	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCLSK429 Supervise feedlot operations

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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 supervised feedlot operations on at least one occasion, and has:

- selected, purchased and inducted livestock for feedlot according to workplace requirements
- sourced advice on feed and feeding regime with nutritionist and managers
- overseen the preparation of rations for feedlot livestock
- supervised feeding of feedlot livestock and provided advice to staff where required
- monitored livestock performance on weight gains and meeting carcass criteria, and diagnosed feeding problems and removed animals for treatment
- reviewed procedures in response to feedback from slaughter point and customers
- completed the required records of feed use and livestock performance
- implemented relevant workplace health and safety, and environment and biosecurity legislation, regulations and workplace procedures
- implemented relevant animal welfare policies and practices for supervising feedlot operations.

Knowledge Evidence

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

- workplace requirements applicable to health and safety in the workplace for supervising feedlot operations, including appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to supervising feedlot operations
- principles and practices for supervising feedlot operations, including:
 - types and use of information to be gathered from workplace plans and management for the determination of suitable feedlot livestock to be procured

- breeds, classes and characteristics of feedlot livestock
- criteria for assessment and selection of feedlot livestock
- regulatory, industry and workplace requirements and procedures for purchase, delivery and movement of feedlot livestock
- principles of nutrition, feeding strategies and feeding management of feedlot livestock
- types, characteristics and quality assessments of feed ingredients, and the methods for assessing their nutritional value in meeting the needs of feedlot livestock
- types, forms and characteristics of livestock feeds
- process and requirements of a cost-benefit analysis
- procedures and resource requirements for mixing, blending and milling feed ingredients and feeds
- signs of health, ill health, good condition and poor condition in livestock, and methods for assessing livestock health and condition in relation to nutrition and feeding
- possible production changes in relation to changes in nutrition, feeds and feeding strategies
- types of and disposal methods for organic and non-organic waste
- regulatory, industry and workplace requirements for selection, movement and dispatch of livestock for slaughter
- types and use of information that can be gathered from slaughter facilities and downstream customers to formulate, improve or adjust nutritional and feeding strategies for feedlot livestock
- animal welfare practices relevant to supervising feedlot operations.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - work instructions and workplace procedures applicable to supervising feedlot operations
 - feed and equipment applicable to supervising feedlot operations
 - PPE applicable to supervising feedlot operations
- specifications:
 - workplace requirements applicable to health and safety in the workplace for supervising feedlot operations
 - environment and biosecurity legislation and regulations and workplace practices applicable to supervising feedlot operations
 - legislation, regulations, standards, guidelines and procedures for animal welfare applicable to supervising feedlot operations
- relationships:

- operational personnel, contractors and veterinarian
- time frames:
 - according to job requirements.

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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