



Australian Government

AHCLSK511 Manage livestock production

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 plan for livestock production and manage the implementation of such a plan.

The unit applies to individuals who apply specialised skills and knowledge to manage livestock production, take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information, and analyse, design and communicate solutions to sometimes complex 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.

This unit applies to farm managers with extensive or intensive livestock production workplaces.

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
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Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan for production	1.1 Assess the capability of land resources for grazing and determine stock, pasture and land management strategies for each land capability class 1.2 Assess the suitability and sustainability of water resources 1.3 Establish livestock production targets for each workplace for the short and long term according to the farm marketing and business plans 1.4 Establish production targets, taking into consideration workplace short-term and long-term livestock production goals, herd or flock breeding improvements and relevant risk control strategies 1.5 Select genetics and breeding programs based on the production targets and the marketing requirements for the workplace 1.6 Select and design production facilities that deal sensitively with identified waste products 1.7 Establish and include biosecurity and environment control measures in the production plan 1.8 Identify hazards and risks associated with work activities, and incorporate control measures in the production plan according to workplace health and safety procedures 1.9 Prepare a plan that documents the decisions taken, the assessments made, the targets established, and any specific issues that relate to workplace health and safety, animal welfare, biosecurity and environmental risks 1.10 Ensure plan includes the type, format, frequency and detail of managers and operators reporting requirements
2. Plan for livestock needs	2.1 Determine feed requirements for each age and sex category of livestock 2.2 Determine most appropriate feeding plan for each livestock category based on a cost-benefit analysis 2.3 Research and implement most appropriate health strategies to prevent and control disease in livestock based on a cost-benefit analysis 2.4 Prepare schedules for purchasing and using livestock production products and services 2.5 Research and implement most appropriate livestock production, harvesting, handling and transportation methods and animal welfare requirements based on a cost-benefit analysis 2.6 Prepare a livestock production plan that incorporates the calendar

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	of operations for each workplace production cycle, and the management of any specific animal welfare issues 2.7 Ensure plan includes the type, format, frequency and detail of managers and operators reporting requirements
3. Seek information on innovations for existing or potential workplaces and farm activities	3.1 Identify and access sources of information on innovations relevant to the workplace and livestock species 3.2 Assess information on innovations to determine whether they could be used in current or a future workplace 3.3 Amend production plans to include innovations deemed suitable for use in the workplace
4. Test and adopt relevant innovations	4.1 Consult people who may be involved in implementing the innovation or in planning for it and discuss the change with them 4.2 Test innovations on the farm to determine whether they are suitable, and whether they may be readily adapted to suit the circumstances of the business 4.3 Identify workplace health and safety hazards, animal welfare, biosecurity or environmental risks associated with trial phase, and implement control measures according to workplace health and safety procedures, animal welfare practices, or biosecurity and environment legislation, regulations and workplace practices 4.4 Decide whether or not to adopt the innovation, based on its costs and benefits and any implementation issues, including workplace health and safety, animal welfare, biosecurity and environmental considerations
5. Implement, monitor and evaluate livestock production plans	5.1 Implement and monitor production plans according to the calendar of operations 5.2 Site, erect or install production facilities that deal sensitively with identified waste products 5.3 Evaluate livestock growth and maturity or production according to the planned targets and the marketing requirements 5.4 Monitor livestock health, and control and prevent parasite and disease outbreaks quickly and effectively 5.5 Assess feed supplies, monitor pasture or landscape condition and species composition, and vary stocking rates to maintain optimum pasture and livestock health 5.6 Identify, monitor and manage workplace health and safety hazards,

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	animal welfare, biosecurity or environmental impacts relating to livestock production in the business to promote optimum pasture, livestock and employee health 5.7 Analyse physical and financial records and extractions taken from them to assess production performance, and to provide information for business and taxation purposes 5.8 Evaluate the production performance of each workplace to determine whether they are sustainable and profitable 5.9 Document evaluation findings for use in reviewing and revising production plans
6. Comply with legal requirements and regulations	6.1 Obtain information about the legal requirements and regulations that affect farmland ownership and possession and livestock production 6.2 Determine record keeping requirements, and establish procedures to ensure regulatory and taxation legislation compliance 6.3 Obtain permits from relevant authorities for the transport and movement of livestock and equipment

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 livestock production requirements
Writing	- Use clear language, accurate industry terminology and logical structure to document livestock production plans, calendar of operations and procedures associated with livestock production - Document production plan evaluation findings
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 managers and operators Respond to questions, clarify information and seek advice
Numeracy	- Calculate and interpret costs associated with livestock production - Select and document plans, strategies and methods based on a cost-benefit analysis

Unit Mapping Information

Code and title current release	Code and title previous release	Comments	Equivalence status
AHCLSK511 Manage livestock production	AHCLSK501 Manage livestock production	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>