



Australian Government

AHCLSK402 Develop livestock feeding plans

Release: 1

AHCLSK402 Develop livestock feeding plans

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to develop livestock feeding plans.

This unit applies to managers of grazing operations who design and develop feeding plans for livestock.

All work must be carried out to comply with workplace procedures, work health and safety, animal welfare and biosecurity legislation and codes of practice and sustainability practices.

This unit applies to individuals who take responsibility for their own work and for the quality of the work of others within known parameters. They use discretion and judgement in the selection, allocation and use of available resources and provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

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

Pre-requisite Unit

Nil.

Unit Sector

Livestock (LSK)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Determine nutritional requirements for livestock	1.1 Determine nutritional value of pasture and feedstuffs 1.2 Identify and assess livestock production status according to enterprise requirements 1.3 Determine essential requirements for livestock nutrition according

Element	Performance criteria
	to assessed livestock condition
2. Assess pasture feed	2.1 Determine grazing management strategy to ensure the sustainable stocking capacity of pasture 2.2 Monitor pasture for quantity and quality to ensure continual and consistent supply of nutrients to livestock 2.3 Monitor and assess pasture intake according to identified nutritional requirements of livestock
3. Determine supplementary feeding program	3.1 Determine economic basis to supplementary feeding according to enterprise requirements 3.2 Identify and determine types of supplementary feed for all classes of livestock 3.3 Determine supplementary feeding program to fill the pasture shortfall for predicted pasture growth
4. Develop livestock feeding plan	4.1 Develop and review feeding plan to ensure it remains responsive to changing conditions 4.2 Identify and carry out suitable feed conservation methods or fodder sources in preparation for abnormal conditions 4.3 Select a system of feeding that supplies the appropriate amount of feed to the herd/flock to meet condition and growth needs, and that meets production requirements of the business 4.4 Prepare a feed budget according to the selected system of feeding 4.5 Document data for continual assessment and effective management planning

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCLSK402A Develop livestock feeding plans

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCLSK402 Develop livestock feeding plans

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- research predicted seasonal pasture production for the area
- estimate the feed value of a standing pasture at different times of the year
- calculate the feed demand for different types of livestock and production phases
- match feed supply and demand
- assess feeding plan alternatives
- develop and document a feeding plan

Knowledge Evidence

The candidate must demonstrate knowledge of:

- nutritional and daily energy requirements of livestock
- water quality and livestock tolerances
- nutritional value of different feedstuffs
- assessment procedures to ascertain livestock condition
- methods of assessing pastures quality and quantity
- pasture livestock carrying capacity
- supplementary feeding strategies
- change in nutritional requirements during late pregnancy and lactation

Assessment Conditions

Competency is to be assessed in the work place or simulated environments that accurately reflect performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

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