



Australian Government

AHCLSK422 Identify and select animals for breeding

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 Version 7.0.

Application

This unit of competency describes the skills and knowledge required to identify and select animals for breeding.

The unit applies to individuals who apply specialist skills and knowledge to identify and select animals for breeding. 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, health and safety in the workplace requirements, animal welfare legislative, regulatory and codes of practice requirements, and sustainability and biosecurity practices.

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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify breeding selection criteria	1.1 Access workplace production records and document production goals in breeding program 1.2 Source the desired performance characteristics and the potential for genetic improvement

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Determine and record selection criteria in production plan
2. Select animals for breeding	2.1 Assess animals against selection criteria 2.2 Determine and organise culling and replacement practices to improve performance of workplace breeding program 2.3 Check and monitor selected livestock to ensure maintenance of condition and welfare status according to breeding program requirements 2.4 Evaluate animals according to breeding program parameters 2.5 Assess and record performance of breeding program

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 information from a range of sources to identify relevant and key information about production records and goals for breeding program
Writing	Use clear language, accurate industry terminology and logical structure to prepare breeding program documents

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSK422 Identify and select animals for breeding	AHCLSK416 Identify and select animals for breeding	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements	Equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
		updated	

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 AHCLSK422 Identify and select animals for breeding

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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 identified and selected animals for breeding on at least one occasion and has:

- documented a breeding program
- developed selection criteria for a breeding program
- identified animals that have defects in conformation or inadequate productivity
- selected animals that display characteristics associated with desirable genetic traits
- selected animals according to breeding program selection criteria
- assessed and recorded performance information.

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 and practices for identifying and selecting animals for breeding, including:
 - genetic selection for targeted multi traits
 - structural abnormalities and their potential impact on production
 - market requirements and related physical and measurable traits
 - workplace animal selection criteria
 - strategies for animal selection, including individual traits, measured performance, relevant breeding values, and indexes
 - use of breeding value percentile tables.

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 identifying and selecting animals for breeding
- specifications:
 - workplace production records and production goals relevant to identifying and selecting animals for breeding
 - industry standards, codes of practice and procedures for identifying and selecting animals for breeding
- timeframes:
 - 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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