



Australian Government

AHCLSK416 Identify and select animals for breeding

Release: 1

AHCLSK416 Identify and select animals for breeding

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

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

This unit applies to supervisors and managers on livestock farms.

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. Identify breeding selection criteria	1.1 Reference enterprise production records and reaffirm enterprise production goals in the breeding program 1.2 Source the heritability of the desired performance characteristics and identify the potential for genetic improvement 1.3 Determine criteria for selection and record them in the production

Element	Performance criteria
	plan
2. Select animals for breeding	2.1 Assess accurately animals against selection criteria 2.2 Determine and organise culling and replacement practices to improve the performance of the enterprise breeding program 2.3 Check and monitor selected livestock to ensure maintenance of condition and welfare status in accordance with breeding program requirements 2.4 Conduct or organise tests using recognised industry methods and evaluate within appropriate breeding program parameters

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 AHCLSK416A Identify and select animals for breeding

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 AHCLSK416 Identify and select animals for breeding

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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:

- develop selection criteria for a breeding program
- select animals that have defects in conformation and /or productivity
- select animals that display characteristics associated with desirable genetic traits
- select animals according to a breeding program's selection criteria
- assess and record performance information

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles of genetic selection for multi traits
- structural abnormalities and their potential impact on production
- correlated traits
- market requirements and related physical and measurable traits
- enterprise animal selection criteria
- strategies for animal selection -including individual traits, measured performance, Estimated Breeding Value (EBVs & ASBVs), and indexes
- use of breeding value percentile tables

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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