Australian Government

AHCLSK312 Coordinate artificial insemination and fertility management of livestock

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Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to coordinate artificial insemination and fertility management of livestock.

This unit can be delivered in the context of the following industries: beef cattle, dairy cattle, alpacas, sheep and goats.

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

This unit applies to individuals who work under broad direction and take responsibility for their own work. They complete routine activities, work in a range of known contexts and use discretion and judgement in the selection and use of available resources.

Operators performing artificial insemination may require accreditation and certification, such as. National Herd Improvement Association of Australia Inc. accreditation for cattle AI technicians.

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. Prepare animals for artificial insemination (AI)	1.1 Determine body condition of individual female livestock and record body condition scores 1.2 Rank female livestock according to body condition scores and

Element	Performance criteria
	adjust nutritional requirements to facilitate optimum condition at the time of artificial insemination
	1.3 Ensure that feeding strategies and supplementation are appropriate to animals' environment and seasonal conditions
	1.4 Confirm females are not pregnant before commencing the AI program
2. Facilitate artificial insemination	2.1 Carry out oestrus inducement and detection procedures appropriately in compliance with animal welfare requirements and industry standards
	2.2 Prepare artificial insemination equipment and facilities and obtain semen
	2.3 Use handling techniques that minimise stress and discomfort to livestock in compliance with work health and safety and animal welfare requirements
	2.4 Apply hygiene procedures to minimise risk of infection
3. Carry out post AI procedures	3.1 Maintain female livestock on appropriate nutrition and husbandry management
	3.2 Monitor female livestock for signs of early abortion or return to oestrus
	3.3 Apply pregnancy detection techniques at earliest opportunity.
	3.4 Complete and maintain records of artificial insemination and pregnancy status

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 AHCLSK312A Coordinate artificial insemination and fertility management of livestock

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72