



Australian Government

AHCLSK343 Prepare for and implement natural mating of livestock

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 prepare for and implement natural mating of livestock.

The unit applies to individuals who prepare for and implement natural mating of livestock under broad direction, and take responsibility for their own work.

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.

In addition to legal responsibilities, all units of competency dealing with animals in the AHC Training Package have the requirements for animals to be handled humanely to minimise stress and discomfort.

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. Prepare paddocks or	1.1 Identify and confirm livestock mating plan with supervisor

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
yards	1.2 Select paddocks, yards or stock 1.3 Implement predator control program where applicable 1.4 Identify potential hazards and risks, and implement safe working practices to address risks and biosecurity hazards 1.5 Select, fit, use and maintain personal protective equipment applicable to task
2. Prepare females for joining	2.1 Monitor live weight of females through weighing or condition scoring 2.2 Adjust nutrition levels to achieve targeted joining weights or condition scores 2.3 Implement female health and husbandry operations according to workplace procedures and animal welfare practices 2.4 Draft livestock for joining
3. Prepare sires for joining	3.1 Carry out physical examination of sires prior to joining 3.2 Seek veterinary advice where appropriate 3.3 Determine mating ratios 3.4 Select replacement sires in time to allow adjustment to new environment 3.5 Carry out sire health, handling and husbandry operations according to individual requirements and workplace animal welfare practices 3.6 Monitor sires environment for optimum mating performance
4. Join sires to female groups	4.1 Select dates for joining according to mating plan 4.2 Introduce sires to female groups to ensure good contact 4.3 Remove sires from female groups at scheduled time
5. Monitor mating activity	5.1 Observe livestock mating, complete mating records and take remedial action if required 5.2 Observe distribution of sires within each female group

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 livestock feeding, care and mating activities
Writing	Use clear language, accurate industry terminology and logical structure to prepare mating records
Oral communication	Use clear language with veterinarian to seek advice

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSK343 Prepare for and implement natural mating of livestock	AHCLSK315 Prepare for and implement natural mating of livestock	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	Not equivalent

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 AHCLSK343 Prepare for and implement natural mating of livestock

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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 prepared for and implemented natural mating of livestock on at least one occasion and has:

- prepared joining paddocks
- identified risks and hazards and applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- prepared female livestock and sires for joining
- appraised breeding soundness in animals
- estimated live weights and condition scores
- ensured females are above minimum body weights to exhibit oestrus
- applied workplace animal welfare practices
- used sufficient males for the number of females to be mated in the group
- used back up sires where single sire mating is practised
- managed female livestock and sires during joining
- monitored joining activity
- maintained mating records.

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:

- workplace requirements applicable to health and safety in the workplace for preparing for and implementing natural mating of livestock, including appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to preparing for and implementing natural mating of livestock
- principles and practices for preparing for and implementing natural mating of livestock, including:

- mating behaviour of sires and female livestock
- optimum live weights and condition for mating
- physical abnormalities and mating problems in males and females
- environmental influences on joining
- animal welfare legislation, codes of practice and procedures relevant to preparing for and implement natural mating of livestock.

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 preparing for and implementing natural mating of livestock
 - female livestock and sires
 - materials, tools and equipment applicable to preparing for and implementing natural mating of livestock
 - PPE applicable to preparing for and implementing natural mating of livestock
- specifications:
 - workplace requirements applicable to health and safety in the workplace for preparing for and implementing natural mating of livestock
 - environment and biosecurity legislation and regulations and workplace practices applicable to preparing for and implementing natural mating of livestock
 - industry standards, legislation and codes of practice and procedures for animal welfare applicable to preparing for and implementing natural mating of livestock
- relationships:
 - veterinarian
- 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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