



Australian Government

ACMHBR502 Manage reproductive outcomes of stallions and mares

Release: 1

ACMHBR502 Manage reproductive outcomes of stallions and mares

Modification History

Release	Comments
Release 1	This version released with the ACM Animal Care and Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to maximise breeding outcomes through preparing stud stock for breeding, assessing and maximising fertility, responding to foaling problems and emergencies, and managing contracts and leases for breeding stock.

This unit is applicable to individuals who have specialised skills, technical and theoretical knowledge, and management responsibilities for the fertility of breeding stock and maximising breeding outcomes for operations within the horse breeding sector.

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

Work health and safety and animal welfare legislation relevant to interacting with horses applies to workers in this industry. Requirements vary between industry sectors and state/territory jurisdictions. Users are advised to check with the relevant authority for specific requirements.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements.

Pre-requisite Unit

Nil

Unit Sector

Horse Breeding (HBR)

Elements and Performance Criteria

Elements	Performance Criteria
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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>
1. Manage reproductive performance	1.1 Identify and assess risks associated with managing the reproductive outcomes of stallions and mares for the operation, and implement control measures 1.2 Manipulate oestrus to meet breeding program and other requirements 1.3 Provide and adjust appropriate levels of nutrition and exercise as breeding animals are let down from work or brought into optimal breeding condition 1.4 Collect and analyse semen to assess fertility 1.5 Assess breeding health of stud stock and take appropriate action to maximise fertility and breeding performance 1.6 Establish education requirements of stallions and provide additional training by experienced handler according to workplace practices 1.7 Monitor work health and safety and hygiene procedures and communicate to staff 1.8 Maintain stud records according to workplace requirements 1.9 Ensure rules of breed registries, relevant equine disciplines and regulatory requirements are adhered to
2. Manage foaling and post-foaling problems	2.1 Ensure staff are briefed on safety procedures relating to foaling and post-foaling procedures 2.2 Ensure resources required to support foaling are clean, hygienic and available prior to foaling, and respond to foaling problems 2.3 Monitor the stages of foaling for signs of problems, and provide obstetrical assistance within critical timeframes 2.4 Monitor health of mares and implement an appropriate treatment program 2.5 Monitor vital signs, general health and behaviour of newborn foals and seek veterinary assistance where required 2.6 Provide orphaned foals with specialised care and establish fostering arrangements 2.7 Recognise foal neonatal maladjustment syndrome and implement a care program on advice of veterinarian
3. Negotiate and prepare breeding contracts and	3.1 Document requirements of breeding contracts and leasing agreements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
leases	3.2 Ensure conditions are agreed to between the parties 3.3 Ensure negotiations conform to established workplace requirements and relevant legislation 3.4 Sign contract or lease document and exchange between parties 3.5 Monitor conditions and obligations, and implement grievance procedures according to contract or lease agreement

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	Interpret and critically analyse complex and formal texts from a range of sources
Writing	Draft text for legal agreements and prepare administrative documentation
Numeracy	Calculate financial data and information for contracts and leases
Oral communication	Participate in verbal exchanges to effectively convey and elicit information from staff, veterinarians and other personnel
Navigate the world of work	Work independently and with others, taking responsibility for making decisions to manage horse reproductive outcomes
Interact with others	Use interpersonal skills to establish rapport required for effective relationships with owners and lessees
Get the work done	Monitor progress of plans, schedules and contracts, and review and update to meet new demands and priorities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
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ACMHBR501 Manage horse nutrition	Not applicable	New unit	No equivalent unit
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Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>

Assessment Requirements for ACMHBR502 Manage reproductive outcomes of stallions and mares

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Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that the individual has managed reproductive outcomes of stallions and mares for an operation, including:

- managing reproductive performance of at least three stallions and mares
- managing foaling and post-foaling problems, including responding to foaling emergencies
- negotiating and preparing breeding contracts and leases
- assessing and controlling risks related to safe work practices
- maintaining stud records and workplace systems.

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 managing reproductive outcomes:
 - anatomy and physiology of the reproductive organs and reproductive processes in horses
 - animal welfare principles and regulations
 - ovulation stimulation and synchronisation
 - educational requirements of stallions
 - semen collection, analysis and storage
- breed registry and equine discipline rules relevant to breeding, including natural service and/or artificial insemination
- workplace breeding guidelines and policies
- horse breeding principles
- purpose of breeding contracts and leases
- purpose of breeding records
- signs of normal and abnormal foaling

- care of newborn foals and orphaned foals
- foaling health and abnormalities
- normal foal behaviour
- regulatory requirements and codes of practice:
 - animal welfare principles and practices
 - work health and safety
 - safe horse handling practices
 - biosecurity and environmental management principles.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - various mares and stallions in operation breeding program
 - breeding histories and relevant reproductive information about individual mares and stallions
 - workplace breeding program
 - personal protective equipment applicable for task for handler.

Training and assessment strategies must show evidence of the use of guidance provided in the *Companion Volume: User Guide: Safety in Equine Training*.

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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