



Australian Government

ACMHBR501 Manage horse nutrition

Release: 1

ACMHBR501 Manage horse nutrition

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 assess the nutritional requirements of horses to reflect their class, condition and purpose, and to plan and monitor the efficacy of feed programs.

This unit is applicable to individuals who have management responsibilities for maintaining horses in optimum health and condition and overseeing their nutritional requirements 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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>

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1. Assess the nutritional requirements of individual horses	1.1 Analyse the main nutritional requirements of specific horses and the role each nutrient plays in the body 1.2 Describe the symptoms or signs of nutrient deficiency and the consequences of dietary imbalances 1.3 Determine horse nutritional requirements in terms of horse class, condition, growth stage and reproduction status 1.4 Calculate feed requirements for horses using a range of measures
2. Analyse and calculate the value and composition of feed and pastures	2.1 Determine a range of food types and supplements suitable for horses of different class, condition, growth stage and reproduction status 2.2 Analyse the breakdown of foodstuffs in terms of their nutritional content and describe why they might be included in a ration 2.3 Analyse the nutritional value of common pasture species and weeds and seasonal changes in availability, digestibility and nutritional value 2.4 Calculate the impact of plant poisonings and chemical control as a result of spraying for weeds 2.5 Address the impact of contaminants and additives on drug testing and rules relevant to equine disciplines
3. Plan feed programs for the workplace and design feed charts for the horse	3.1 Determine availability of feed and pastures on a seasonal basis and analyse in relation to the nutritional needs of the horse with regard to class, condition and use 3.2 Design and maintain a feeding program for the workplace, including the supervision of other staff as appropriate 3.3 Design feed charts for each horse, including the formulation of rations to reflect the requirements of the horse 3.4 Design a feed program that is cost-effective 3.5 Evaluate and adjust nutritional value and cost-effectiveness of the feeding program based on evaluation outcomes

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	Access, interpret and analyse key facts and information about horse nutrition, feed and supplements from a range of sources
Writing	Prepare logically structured and sequenced feed and nutrition plans and instructions
Numeracy	- Calculate the cost of feed items and quantities of feed required for horses to analyse cost-effectiveness for the workplace - Determine measurements of products to be used in horse feed programs
Navigate the world of work	- Work independently or with others, taking responsibility for making decisions to manage horse nutrition and achieve workplace outcomes - Ensure knowledge of equine nutritional requirements, products and additives, including regulatory requirements, is kept up-to-date in order to provide accurate information
Get the work done	Apply systematic and analytical decision-making processes for complex and non-routine situations relating to managing horse nutrition and feed requirements for the workplace

Unit Mapping Information

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

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 ACMHBR501 Manage horse nutrition

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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 the nutritional requirements and feed program for a workplace that includes at least three horses with different dietary requirements, including:

- calculating the nutritional requirements of each horse relevant to its needs
- designing feeding programs for each horse
- preparing feed charts
- designing, monitoring and implementing a feeding program for the workplace, including planning for seasonal availability of pasture
- monitoring the effectiveness of a feeding program for each horse.

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:

- anatomy and physiology of the digestive tract of a horse
- how to condition score a horse
- consequences, signs and symptoms of dietary deficiencies
- consequences of over fuelling or feeding
- nutritional requirements of the horse and the role each nutrient plays in the body
- drug testing and rules relevant to equine disciplines
- signs of normal and abnormal gut reactions
- impact of poisoning through chemical control of weeds and digesting weeds
- ways of evaluating the effectiveness of feeding programs.

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 horses from at least two classes with different nutritional needs
 - information about different feeds and supplements, or technology to access the information.

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.

Links

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