



Australian Government

RGRPSH409 Determine nutritional requirements for racing horses

Release: 1

RGRPSH409 Determine nutritional requirements for racing horses

Modification History

Release	Comments
Release 1	This version released with RGR Racing and Breeding Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to determine nutritional requirements for racing horses.

The unit applies to individuals who have experience and specialised knowledge and skills in the practical care and management of standardbred or thoroughbred racehorses, and have responsibility for a work activity or area.

All work must be carried out to comply with workplace procedures, in accordance with applicable state/territory animal welfare and workplace health and safety legislative requirements.

Licensing, legislative, regulatory or certification requirements apply to this unit. Users are advised to check with the relevant Principal Racing Authority (PRA) for current requirements.

Pre-requisite Unit

Nil

Unit Sector

Performance services horse (PSH)

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 rations for racing horses	1.1 Apply nutritional principles to the formulation of individual rations 1.2 Confirm rations are appropriate to horse condition, workload and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	stage of training 1.3 Formulate basic rations for individual horses according to nutritional requirements
2. Assess range of feed, additives and supplements for horses	2.1 Select feed on the basis of quality, type and nutritional energy and economic value for a particular animal 2.2 Assess supplements and feed additives on the basis of active ingredients and nutritional needs for specific horses 2.3 Check selected supplements and feed additives for industry regulation, rules of racing and animal welfare compliance
3. Monitor stable feeding practices	3.1 Monitor changes in horse condition and/or behaviour related to feed and supplements 3.2 Adjust feed requirements to maintain optimal health and desired outcomes according to feeding plan 3.3 Maintain and monitor stable feed records and prepare feed order according to workplace policies and procedures

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 nutritional information about feed, supplements and additives from a range of sources - Locate and interpret key information in feed orders and supplies
Numeracy	- Interpret weights and measurements accurately on scales and measuring equipment - Calculate weight, volume and ratios relating to feed, additives and supplements for a range of horses - Calculate quantities of feed required for stock order
Navigate the world of work	Follow workplace procedures, including safety and animal welfare requirements, and meet expectations relating to own role and area of responsibility
Get the work	Plan and coordinate feed activities and resources to optimise health and

Skill	Description
done	nutrition of horses in work area and care • Make decisions and resolve problems related to horse nutritional needs and rations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RGRPSH409 Determine nutritional requirements for racing horses	RGRPSH409A Determine nutritional requirements for racing horses	Updated to meet Standards for Training Packages. Additional performance criteria to clarify intent.	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5c4b8489-f7e1-463b-81c8-6ecce6c192a0>

Assessment Requirements for RGRPSH409 Determine nutritional requirements for racing horses

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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 undertaken the following for at least three standardbred or thoroughbred horses with different requirements:

- identified and monitored individual horse nutritional requirements
- formulated and prepared rations using different feed components and feed supplements
- maintained and monitored table feed records and prepared feed order.

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 of racehorse nutrition, including:
 - industry terminology related to feeding, handling and caring for horses
 - key features of the horse digestive system
 - nutritional principles relevant to horse age, workload and needs while spelling, training and racing
- common horse behaviour related to feeding regimes
- types and purpose of feed and feed supplements and additives, including:
 - determining quality, type, nutritional and energy value of various feeds
 - interaction between feed and supplements that may result in contravention of industry regulations, rules of racing and animal welfare standards
 - sources and importance of energy, protein, fibre, minerals, trace elements and vitamins in a feed ration
 - methods for weighing feeds
- racing industry standards and expectations relevant to nutritional requirements for racing horses:
 - communication procedures within stable and wider racing industry

- animal welfare requirements
- safety requirements, including safe operating procedures, manual handling and risk assessments
- relevant rules of racing relating to feed, supplements and prohibited substances.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - safe handling areas and racing stables
- resources, equipment and materials:
 - various standardbred or thoroughbred racehorses with different nutritional needs
 - personal protective equipment correctly fitted and appropriate for activities
 - feed and supplements relevant to horse feeding program
 - equipment required for feeding, including weighing scales and/or measuring equipment
- specifications:
 - work instructions and related documentation.

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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