



Australian Government

FBPGRA3002 Apply knowledge of animal nutrition principles to stockfeed product

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package version 1.0.

Application

This unit of competency describes the skills and knowledge required to identify animal nutrition principles required in stockfeed and confirm these requirements with nutritionists, and other technical and professional staff and customers.

This unit applies to stockfeed operators who are required to have knowledge of animal nutrition principles and the effect of stockfeed on animal performance. This knowledge would be applied in liaison with professional and technical staff on customer requirements and in liaison directly with customers.

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

Pre-requisite Unit

Nil

Unit Sector

Grain processing (GRA)

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. Determine stockfeed requirements	1.1 Identify target species, animal type and phase of animal growth supported by stockfeed product 1.2 Confirm production purpose of animal raising and range of desired products in consultation with the customer 1.3 Determine particle size, pellet quality and other factors affecting

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	palatability for target animals 1.4 Identify impact of stockfeed on animal performance
2. Evaluate key quality factors affecting stockfeed performance	2.1 Identify feed safety requirements for target species and phase of animal production 2.2 Identify type and proportion of raw materials in stockfeed and their effect on animal performance with advice from professionals 2.3 Determine the purpose of additives on animal performance and stockfeed quality 2.4 Determine effects of processing on stockfeed nutrition quality and animal performance with advice from professionals 2.5 Recognise substitution guidelines, including the effect of substitution on stockfeed performance

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	<ul style="list-style-type: none"> Access and interpret workplace information, including standard operating procedures (SOP), labels, recipes, customer supplied information, and material data safety sheets (MSDS)
Writing	<ul style="list-style-type: none"> Record customer requirements and specifications for stockfeed on paper-based and electronic media Use and apply workplace terminology
Numeracy	<ul style="list-style-type: none"> Calculate amounts of stockfeed required according to customer requirements Sequence information against production processes
Navigate the world of work	<ul style="list-style-type: none"> Interpret and follow regulatory requirements and seek clarification or other assistance when required Identify and describe own skills, knowledge and experience within context of job role Seek advice and feedback on current work performance
Interact with others	<ul style="list-style-type: none"> Liaise with professional and technical staff on animal nutrition

Skill	Description
	requirements of stockfeed <ul style="list-style-type: none"> • Use oral communication skills and language competence to fulfil the job role as specified by the organisation, including questioning, active listening, asking for clarification and seeking advice from supervisor • Ask questions to clarify understanding or seek further information regarding customer requirements • Recognise personal strengths and challenges associated with interacting with others in the workplace
Get the work done	<ul style="list-style-type: none"> • Identify resources in the workplace for further information, including nutritionists, other technical and professional specialist and reference materials • Maintain hygiene standards and wear required personal protective equipment • Identify routine problems and implement standard solutions as required

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPGRA3002 Apply knowledge of animal nutrition principles to stockfeed product	FDFGR3002A Demonstrate knowledge of animal nutrition principles	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>