

**Modification history**

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package version 5.0.

FBPGRA3002X	Confirm feed product meets animal nutrition requirements
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to identify animal nutrition principles required in animal feed and confirm these requirements with nutritionists, and other technical staff.</p> <p>This unit applies to feed processing operators who are required to have knowledge of animal nutrition principles and the effect of feed on companion animal or production animal performance. This knowledge would be applied in liaison with professional and technical staff on customer requirements.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Grain processing (GRA)

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. Confirm feed requirements	1.1 Identify target species, animal type and phase of animal growth supported by feed product 1.2 Confirm type of animal and range of products that would meet target animal requirements 1.3 Check particle size and pellet quality on order and confirm palatability for target animals 1.4 Identify proposed impact of feed on animal health and/or performance
2. Evaluate key quality factors affecting feed performance	2.1 Identify feed safety requirements for target species and phase of animal's life or production 2.2 Identify type and proportion of raw materials in feed and their effect on animal performance with advice from professionals 2.3 Identify the purpose of additives on animal health or performance and feed quality 2.4 Identify effects of processing on feed nutrition quality and animal health or performance with advice from professionals 2.5 Identify substitution guidelines, including the effect of substitution on feed performance

<b>Foundation Skills</b>	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> <li>Interpret details of customer feed orders</li> <li>Information about animal nutrients and feed additives</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Formulate feed recipes to match target animal needs</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FBPGRA3002X Confirm feed product meets animal nutrition requirements	FBPGRA3002 Apply knowledge of animal nutrition principles to stockfeed product	Unit title updated to better match work task  Minor changes to Performance Criteria to clarify intent  Foundation skills refined  Performance Evidence clarified  Minor changes to Assessment Conditions	Equivalent unit
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4</a>		

<b>TITLE</b>	<b>Assessment requirements for FBPGRA3002X Confirm feed product meets animal nutrition requirements</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has confirmed feed product meets the target animal nutrition requirements specified in at least one customer order, including:</p> <ul style="list-style-type: none"> <li>• identifying target species, animal type and phase of animal growth or production</li> <li>• liaising with nutritionist and other professional and technical staff on animal nutrition requirements of feed.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• typical nutrition requirements of companion animals and or production animals – knowledge would be restricted to standard daily requirements of main food groups (proteins, carbohydrates etc.), typical daily volume of feed required and type of feed (solid, liquid, plant or animal based)</li> <li>• how nutritional needs of target animal may vary according to species, gender, health, pregnancy, lactation, age, season, geography, production purpose and form of production and feeding</li> <li>• factors affecting animal acceptance of feed, including palatability and presentation</li> <li>• range of raw materials typically used in feed, including grains, molasses/liquids, proteins (vegetables and animal), additives (vitamins, minerals and medications) and fibre</li> <li>• impact of operator-controlled factors on feed quality, including temperatures, moisture, sizing, sieving and liquid additions</li> <li>• impacts of feed on animal performance, including positive effects on animal performance or health and effects of incorrect feed on animal safety, animal performance and export contamination.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• a workplace or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• customer feed orders</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• reference and resource materials about feed products and processes</li> <li>• animal nutrition requirement information</li> <li>• feed data, formulas/recipes</li> </ul> </li> <li>• relationship: <ul style="list-style-type: none"> <li>• access to nutritionists or other livestock or companion animal professionals.</li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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