

**Modification history**

<b>Release</b>	<b>Comments</b>
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.
<b>AHCPRK3XX</b>	<b>Mate pigs and monitor dry sow performance</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to manage the mating of pigs and monitor dry sow performance.</p> <p>The unit applies to individuals who mate pigs and monitor dry sow performance under broad direction, and take responsibility for their own work.</p> <p>All work must be carried out to comply with workplace procedures, health and safety in the workplace requirements, animal welfare legislative, regulatory and codes of practice requirements, and sustainability and biosecurity practices.</p> <p>In addition to legal responsibilities, all units of competency dealing with animals in the AHC Training Package have the requirements for animals to be handled humanely to minimise stress and discomfort.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Pork (PRK)

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine condition of pigs and adjust nutrition for mating	1.1 Determine condition scores of gilts and sows 1.2 Rank gilts and sows according to scores and adjust nutritional requirements to ensure gilts and sows are in optimum condition at mating 1.3 Ensure feeding strategies are appropriate for the housing environment and seasonal conditions for gilts, sows and boars 1.4 Monitor and assess condition of gilts, sows and boars regularly
2. Facilitate mating	2.1 Apply knowledge of relevant animal anatomy and physiology 2.2 Carry out oestrus inducement and detection procedures 2.3 Follow workplace health and safety and biosecurity procedures 2.4 Select, fit use and maintain personal protective equipment (PPE) applicable to the task 2.5 Ensure mating areas are secure and provide for access during joining 2.6 Use mating procedures and handling techniques that maximise welfare of pigs according to animal welfare practices 2.7 Supervise mating and intervene when required to maximise conception rates
3. Complete mating procedures	3.1 Carry out regular post mating heat detection to identify sows returning to oestrus 3.2 Complete required mating records
4. Determine and provide adequate nutrition for pregnant sows	4.1 Determine nutritional needs of pregnant sows according to workplace feeding plan 4.2 Provide adequate and suitable feed and feed supplements according to feeding plan and sow condition

<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>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Identify and interpret textual information from a range of sources to identify relevant and key information about suitable feed and feed supplement requirements</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Use clear language, accurate industry terminology and logical structure to prepare mating records</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>
AHCPRK3XX Mate pigs and monitor dry sow performance Release 1	AHCPRK304 Mate pigs and monitor dry sow performance Release 1	Minor changes to application major changes to performance criteria foundation skills added assessment requirements updated	Not equivalent

<b>Links</b>
Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>

<b>TITLE</b>	<b>Assessment requirements for AHCPRK3XX Mate pigs and monitor dry sow performance</b>
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**Performance Evidence**

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.  
 There must be evidence that the individual has mated pigs and monitored dry sow performance on at least two occasions and has:

- determined condition of gilts, sows and boars and adjusted nutrition for mating
- facilitated mating
- completed mating procedures
- determined and provided adequate nutrition for pregnant sows
- followed relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- followed workplace animal welfare practices.

**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:

- workplace requirements applicable to health and safety in the workplace for mating pigs and monitoring dry sow performance, including appropriate use of personal protective equipment (PPE)
- environment and biosecurity legislation and regulations and workplace practices relevant to mating pigs and monitoring dry sow performance
- principles and practices of mating pigs and monitoring dry sow performance, including:
  - criteria and methods for body condition scoring of gilts and sows
  - methods and procedures for determining nutritional requirements, types of feed and feeding methods for pregnant and non-pregnant sows
  - nutritional requirements for boars
  - husbandry and management practices for pregnant and non-pregnant sows
  - anatomy and physiology of sows and boars
  - reproductive physiology and pregnancy development of sows
  - methods and procedures for oestrus detection in sows
  - requirements, methods, procedures and management of mating in pigs
  - methods and management of conception rates in pigs
  - animal welfare legislation, codes of practice and procedures relevant to mating of pigs and monitoring dry sow performance
  - documentation and record keeping requirements.

**Assessment Conditions**

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
  - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - work instructions and workplace procedures applicable to mating pigs and monitoring dry sow performance, including pig feeding plan
  - live pigs
  - pig feed and feed supplements
  - materials, tools and equipment applicable to mating pigs and monitoring dry sow performance
  - PPE applicable to mating pigs and monitoring dry sow performance
- specifications:
  - workplace requirements applicable to health and safety in the workplace for mating pigs and monitoring dry sow performance
  - environment and biosecurity legislation and regulations and workplace practices applicable to mating pigs and monitoring dry sow performance
  - industry standards, legislation and codes of practice and procedures for animal welfare applicable to mating pigs and monitoring dry sow performance
- timeframes:

<b>Assessment Conditions</b>	
<ul style="list-style-type: none"><li>• according to job requirements.</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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