



Australian Government

AHCBAC206 Assist agricultural crop maintenance

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to assist others to maintain broadacre agricultural crops according to supervisor instructions and within workplace procedures.

The unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for own work. They undertake defined activities and work in a structured context.

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

Pre-requisite Unit

Nil

Unit Sector

Broad Acre Cropping (BAC)

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 for agricultural crop maintenance operations	1.1 Confirm crop maintenance work instructions and clarify anomalies with supervisor 1.2 Select and prepare machinery, equipment and tools according to operator instructions and biosecurity procedures 1.3 Identify work health and safety hazards in crop maintenance and report to supervisor 1.4 Select, check, use and maintain personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	(PPE)
2. Assist with the implementation of maintenance operations under direction	2.1 Assist in implementing crop weed, pest and disease control program 2.2 Assist in implementing soil amelioration and crop nutrition program 2.3 Assist in implementing paddock maintenance duties 2.4 Assist in implementing soil moisture management duties according to crop production plan
3. Complete maintenance operation	3.1 Clean and sanitise tools and equipment according to workplace procedures, operator instructions and biosecurity procedures 3.2 Dispose of waste according to workplace policies and environment procedures 3.3 Update crop maintenance records according to workplace procedures

Foundation Skills

This section describes those language, literacy, Oral Communication 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 workplace instructions and operator instructions
Writing	Update records for maintenance tasks using industry language and correct concepts and terminology
Oral Communication	Maintain communication with supervisor and team members when assisting with maintenance tasks using appropriate language, tone and pace

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBA206 Assist agricultural crop maintenance	AHCBA202 Assist agricultural crop maintenance	Edited Application for clarity Minor changes to Element 2 title and consolidation of Performance Criteria for better sequencing and clarity Foundation Skills refined Performance Evidence and Knowledge Evidence clarified Amended structure of Assessment Conditions	Equivalent

Links

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

Assessment Requirements for AHCBAC206 Assist agricultural crop maintenance

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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 assisted others in the maintenance of a broadacre agricultural crops one at least one occasion and has:

- prepared machinery, equipment and tools
- identified basic hazards and reported to supervisor for directions
- selected, checked and maintained personal protection equipment (PPE)
- conducted routine checks on machinery and vehicles for safe operation
- operated machinery to manufacturer specifications and workplace procedures
- reported the presence of weeds, pests and disease in crops
- assisted cropping duties under direction, including:
 - weed, pest and disease control program
 - crop nutrition program
 - general paddock maintenance
 - soil moisture management according to crop production plan
 - maintained records of crop maintenance activities.

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:

- operations and maintenance of common cropping machinery, including:
 - preparation
 - safe operation
 - repairs and maintenance
 - cleaning and biosecurity
- importance of correct timing and procedures for crop maintenance

- weed, pests and disease control in crops, including:
 - recognition of common weeds, pests and diseases
 - basic control strategies
 - tools and equipment used for control and their safe operation
- basic crop nutrition, including:
 - common fertilisers and ameliorants used
 - application strategies for application
 - tools and equipment used for application and their safe operation
- basic irrigation maintenance activities, including:
 - component operation
 - common repairs
 - common water transport methods and maintenance activities
- general paddock maintenance duties, including:
 - basic fencing and paddock security
 - fire mitigation and control
 - headland weed control
 - drainage and irrigation channels
- waste disposal and potential impact on the environment
- work health and safety, including:
 - broadacre farm hazards, risks and controls
 - working at heights and confined spaces with storage bins
 - power lines and elevated equipment safety.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated on a broadacre farm or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - pests, diseases and weeds and related control materials
 - specific tools and equipment
 - personal protective equipment (PPE)
 - irrigation equipment
- specifications:
 - workplace procedures and processes
 - manufacturer operating instructions for tools, equipment and machinery
 - safety data sheets
 - workplace instructions

- relationships:
 - supervisor(s).

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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