



Australian Government

AHCBAC317 Undertake agricultural crop harvesting activities

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 prepare equipment and resources for crop harvesting, determine crop readiness for harvest and harvest a crop safely and efficiently.

The unit applies to individuals who work under broad direction and take responsibility for own work including limited responsibility for the work of others. They use discretion and judgement in the selection and use of available resources and complete routine activities.

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 to harvest agricultural crops	1.1 Determine requirements for work according to harvest strategy and crop production plan 1.2 Identify work health and safety hazards, assess risk and implement controls according to workplace procedures 1.3 Select, check, use and maintain personal protective equipment (PPE) 1.4 Complete pre-harvest treatments to crop according to harvest

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	strategy and crop production plan 1.5 Sample crop for moisture content and report to supervisor to assess timing of harvest 1.6 Identify hygiene requirements for the crop and paddock according to harvest strategy, standards and storage plan
2. Prepare the harvesting equipment	2.1 Clean harvesting machinery and equipment or technology according to hygiene, biosecurity and fire mitigation standards 2.2 Assess and service machinery and equipment and make adjustments and repairs as required and according to manufacturer specifications 2.3 Record maintenance and servicing activities according to procedures
3. Harvest crops	3.1 Harvest crop according to harvest strategy for each paddock, 3.2 Operate harvesting machinery and ancillary equipment efficiently for conditions to ensure fire prevention measures are implemented 3.3 Maintain equipment hygiene and biosecurity procedures during crop harvest 3.4 Check and adjust harvester and ancillary equipment to ensure efficient and safe operation
4. Complete harvesting operations	4.1 Clean and store equipment, attachments and other ancillary equipment according to hygiene and biosecurity procedures 4.2 Apply treatments to crop according to harvest strategy 4.3 Dispose waste according to workplace and environmental procedures 4.4 Ensure harvesting equipment or technology is moved between sites and on public property according to workplace procedures and regulatory requirements 4.5 Maintain records and documentation of harvest according to workplace 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 work plans and strategies to elicit harvesting work requirements and activities
Numeracy	- Calculate rates of application for pre-harvest crop treatments where specified in crop harvest plan - Perform calculations for calibrating and setting machinery for harvest operations - Calculate harvested yield rates

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBAC317 Undertake agricultural crop harvesting activities	AHCBAC308 Undertake agricultural crop harvesting activities	Edited Application for clarity Changes to sequencing and editing of Performance Criteria for clarity Foundation Skills refined Performance Evidence and Knowledge Evidence clarified and terminology updated 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>