



Australian Government

AHCBAC414 Supervise agricultural crop harvesting

Release: 1

AHCBA414 Supervise agricultural crop harvesting

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 assess crop harvesting condition and resource requirements, plan a strategy for harvest operations and supervise the harvesting of an agricultural crop.

The unit applies to individuals who take responsibility for own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources.

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 harvesting	1.1 Assess crop maturity and quality standards required in preparation for harvesting 1.2 Assess the role of technology in improving efficiencies 1.3 Determine and implement pre-harvest treatments according to crop production plan 1.4 Identify and comply with licence or permit requirements

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Check insurance requirements are in place and implement risk management strategies 1.6 Identify health and safety hazards, assess risk and develop and implement controls procedures
2. Prepare a harvesting plan	2.1 Assess optimum timing for harvest according to crop maturity assessment 2.2 Assess resource requirements for size of crop and estimated timing of harvest 2.3 Identify storage resources and strategies for handling harvested crop 2.4 Identify potential disruptions to harvest operations and prepare contingency procedures 2.5 Identify and arrange fire prevention and control procedures according to risk assessment 2.6 Develop work team communications procedures for harvesting operations
3. Implement harvest plan	3.1 Arrange and confirm labour and equipment resources for harvesting operations within budgetary constraints 3.2 Communicate harvesting plan and communication procedures to work team and contractors 3.3 Implement harvesting operations and contingencies procedures according to impact of weather, equipment or technology and work team performance 3.4 Coordinate and monitor equipment performance 3.5 Control contamination and biosecurity threats according to workplace procedures and quality standards
4. Complete harvest operation	4.1 Assess crop quality and segregate according to marketing grades 4.2 Monitor moisture content according to industry classification standards 4.3 Assess and reconcile harvesting operations and outcomes against harvest strategy 4.4 Record information on harvesting operations 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	Identify, collate and analyse documentation for crop and harvest requirements for incorporation in harvest plan
Oral Communication	Use collaborative and inclusive language and techniques including active listening, questioning and reading of verbal and non-verbal signals to convey and clarify information, confirming work team understanding and compliance with harvesting procedures
Numeracy	Use formulae and numerical information to determine timing of harvest and establish volumes of harvested crop for transport and storage requirements

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBA414 Supervise agricultural crop harvesting	AHCBA405 Supervise agricultural crop harvesting	Edited Application for clarity Minor changes and consolidation 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>

