



Australian Government

AHCPHT411 Implement and monitor a horticultural crop harvesting program

Release: 1

AHCPTH411 Implement and monitor a horticultural crop harvesting program

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to plan for harvesting, and coordinate and complete a horticultural crop harvesting program.

The unit applies to individuals who apply specialist skills and knowledge to implementing and monitoring a horticultural crop harvesting program. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.

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

Pre-requisite Unit

Nil

Unit Sector

Production Horticulture (PHT)

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. Plan for harvesting	1.1 Assess and record crop maturity and quality 1.2 Undertake pre-harvest treatments for control and eradication of pests

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Determine harvesting resource requirements 1.4 Estimate best time to harvest crop
2. Coordinate the harvest strategy	2.1 Implement harvesting operations according to customer requirements, weather, equipment and staff availability 2.2 Coordinate and monitor equipment operation for maximum efficiency and effectiveness 2.3 Identify hazards and assess risks in the workplace, and implement control measures to manage risks according to workplace health and safety procedures 2.4 Consider the environmental implications of the crop harvesting program 2.5 Incorporate sustainability and biosecurity practices into the crop harvesting program 2.6 Document the crop harvesting program and schedule of activities
3. Complete harvest operation	3.1 Communicate the crop harvesting program and schedule of activities to staff 3.2 Locate storage resources to meet program requirements 3.3 Determine strategies for drying crops where necessary 3.4 Monitor work to ensure that crop is graded, packed and stored according to workplace requirements 3.5 Evaluate harvesting operations and outcomes against crop harvesting program 3.6 Provide feedback on performance to personnel under supervision 3.7 Review and document crop quality, pre-harvest treatments and outcomes of harvest to identify opportunities for improvements in performance

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 and interpret information regarding requirements for horticultural crop harvesting program
Oral communication	Initiate discussions with staff, using clear language and standard industry terminology to communicate horticultural crop harvesting program requirements and schedule of activities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPHT411 Implement and monitor a horticultural crop harvesting program	AHCPHT404 Implement and monitor a horticultural crop harvesting program	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	Not 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 AHCPTH411 Implement and monitor a horticultural crop harvesting program

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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 implemented and monitored a horticultural crop harvesting program on at least one occasion, and has:

- estimated crop quality and yield
- established strategies for pre-harvest and harvest
- implemented treatments for control and eradication of pests
- organised resources for the harvest
- coordinated equipment
- applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- documented a crop harvesting program and schedule of activities
- evaluated harvest operations and outcomes.

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:

- principles and practices for crop harvesting, including:
 - crop measurement techniques and parameters
 - customer requirements
 - environmental controls and codes of practice applicable to harvesting operations
 - functions and limitations of harvesting equipment
 - location and relative skills and abilities of available staff, contractors or casual staff
 - market information and sources
 - required productivity rates
 - weather or other conditions that may affect harvest

- where relevant to workplace production: food safety and Hazard Analysis and Critical Control Points (HACCP) requirements, and requirements for export markets
- workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to implementing and monitoring a horticultural crop harvesting program.

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:
 - industry publications and internet sources of information relevant to the planning of a horticultural crop harvesting program
- specifications:
 - workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to implementing and monitoring a horticultural crop harvesting program
 - where relevant to workplace production food safety and HACCP requirements, and requirements for export markets
- relationships:
 - staff
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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