



Australian Government

AHCPHT404 Implement and monitor a horticultural crop harvesting program

Release: 1

AHCPTH404 Implement and monitor a horticultural crop harvesting program

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to implement and monitor of a horticultural crop harvesting program.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

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

Pre-requisite Unit

Nil.

Unit Sector

Production horticulture [PHT]

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan for harvesting	1.1 Assess and record crop maturity and quality 1.2 Estimate best time to harvest crop 1.3 Undertake pre-harvest treatments for control and eradication of pests 1.4 Determine harvesting resource requirements and estimate when to harvest

Element	Performance criteria
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 and control hazards
3. Complete harvest operation	3.1 Locate storage resources 3.2 Determine strategies for drying crops if necessary 3.3 Monitor work to ensure that crop is graded, packed and stored according to enterprise requirements 3.4 Evaluate harvesting operations and outcomes against harvest strategy 3.5 Provide feedback on performance to personnel under supervision 3.6 Document crop quality, pre-harvest treatments and outcomes of harvest for continual analysis and effective planning management

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCPTH404A Implement and monitor a horticultural crop harvesting program.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPTH404 Implement and monitor a horticultural crop harvesting program

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- coordinate equipment
- document a crop harvesting report
- establish strategies for pre-harvest and harvest
- estimate crop quality and yield
- evaluate harvest operations and outcomes
- implement treatments for control and eradication of pests
- implementing safe workplace and positive environmental practices
- organise resources for the harvest

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for crop harvesting
 - 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
 - relevant legislation and regulations relating to workplace health and safety, contractor engagement, chemical use and application, and vehicle and plant use
 - required productivity rates
 - weather or other conditions that may affect harvest

- where relevant to enterprise's production: food safety and Hazard Analysis Critical Control Point (HACCP) requirements, and requirements for export markets

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>