



Australian Government

AHCPHT303 Implement a post-harvest program

Release: 2

AHCPHT303 Implement a post-harvest program

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to implement a post-harvest program for horticultural crops.

It applies to individuals who take responsibility for their 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. 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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for implementation of post-harvest operations	1.1 Identify post-harvest operations to be performed 1.2 Select materials, tools, equipment and machinery 1.3 Carry out pre-operational and safety checks on tools, equipment and machinery

Element	Performance criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Coordinate post-harvest work	2.1 Identify enterprise work team and coordinate tasks 2.2 Undertake post-harvest operations 2.3 Maintain a clean, safe and hygienic work area
3. Implement post-harvest treatments	3.1 Grade and label harvested produce 3.2 Identify and dispose of produce that does not meet specifications and enterprise standards 3.3 Select post-harvest treatments according to harvested produce requirements 3.4 Ensure timing, rate, application method, environmental requirements and handling techniques conform to the requirements of the harvested produce 3.5 Ensure post-harvest practices are economical, methodical, meet established work schedules and minimise damage to produce 3.6 Clean and maintain tools, equipment and machinery
4. Implement hazardous waste disposal guidelines	4.1 Review waste disposal requirements and determine operational tasks 4.2 Monitor collection of waste and disposal 4.3 Report conditions likely to impact on business viability
5. Implement packing and presentation requirements of produce	5.1 Review specified packing and presentation requirements and determine operational tasks 5.2 Monitor and adjust packing and presentation processes 5.3 Record packing and presentation processes
6. Implement storage requirements of produce	6.1 Review specified storage requirements and determine operational tasks 6.2 Monitor storage processes and facilities 6.3 Record storage processes and conditions

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.

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

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPHT303 Implement a post-harvest program Release 2	AHCPHT303 Implement a post-harvest program Release 1	Minor typographical error corrected	Equivalent unit

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 AHCPTH303 Implement a post-harvest program

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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:

- identify post-harvest operations to be performed
- coordinate post-harvest operations
- dispose of hazardous waste materials in line with guidelines and enterprise requirements
- implement post-harvest treatments and packing, presentation and storage requirements according to market specifications.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices post-harvest treatments and processes
- attributes of produce in relation to the desired quality of produce to be presented to the client
- characteristics and procedures for the use of cool rooms
- cool chain principles and practices
- correct storage temperatures for a range of produce
- enterprise confined spaces policy and safety procedures
- environmental effects of post-harvest treatments and hazardous waste disposal methodologies, application and purpose
- humidity levels and their effect on the quality of produce
- hygiene issues in the handling and storage of plant produce
- industry standards for packaging
- integrated pest management principles and enterprise policy

- relationship between the quality attributes of produce and packing techniques and packaging
- storage methods for a range of produce
- the importance of maintaining the quality of produce including handling and cooling requirements.

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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