



**Australian Government**

# **AHC40316 Certificate IV in Production Horticulture**

**Release 3**

## AHC40316 Certificate IV in Production Horticulture

### Modification History

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 3.0.
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.1.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

### Qualification Description

This qualification allows individuals to develop post-trade skills and knowledge to become specialists within the production horticulture industry. It is designed to meet the needs of supervisors or team leaders in the production horticulture industry.

The qualification enables individuals to select a tree cropping, vegetable, berry or flower production, grape growing or mushroom production context as a job focus, or a mixture in the case of mixed enterprises.

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

### Entry Requirements

There are no entry requirements for this qualification.

### Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 12 units of competency:
  - 1 core units plus
  - 11 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- Select 3 units from Group A

- Select 5 units from Group A or B
- 3 units may be selected from Group B or from this or any other endorsed Training Package or Accredited Course.

Selected units must be relevant to job outcomes in production horticulture and must be chosen to ensure the integrity of the qualification outcome at AQF level 4.

#### Core Units

AHCWHS401	Maintain work health and safety processes
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#### Elective Units

##### Group A

AHCCHM404	Develop procedures to minimise risks in the use of chemicals
AHCCHM405	Plan and implement a chemical use program
AHCIRG408	Schedule irrigations
AHCNSY401	Plan a growing-on program
AHCNSY402	Plan a propagation program
AHCPCM401	Recommend plants and cultural practices
AHCPCM402	Develop a soil health and plant nutrition program
AHCPHT402	Develop a crop regulation program
AHCPHT404	Implement and monitor a horticultural crop harvesting program
AHCSOL401	Sample soils and interpret results

##### Group B

AHCBUS404	Operate within a budget framework
AHCBUS405	Participate in an e-business supply chain
AHCIRG402	Determine hydraulic parameters for an irrigation system
AHCIRG404	Implement an irrigation-related environmental protection program
AHCIRG434	Manage surface irrigation systems

AHCORG401	Manage biodynamic production
AHCORG403	Manage organic soil improvement
AHCPHT401	Assess olive oil for style and quality
AHCPHT403	Develop harvesting and processing specifications to produce an olive oil
AHCPHT405	Manage mushroom substrate preparation
AHCPHT406	Control Phase II mushroom substrate process
AHCPHT407	Manage mushroom crop development
AHCPHT408	Oversee vineyard practices
AHCSOL402	Develop a soil use map for a property
AHCWRK401	Implement and monitor quality assurance procedures
AHCWRK402	Provide information on issues and policies
AHCWRK403	Supervise work routines and staff performance
FBPFSY2001	Implement the food safety program and procedures
FBPFSY3001	Monitor the implementation of quality and food safety programs
FBPFSY3002	Participate in a HACCP team

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC40316 Certificate IV in Production Horticulture Release 3	AHC40316 Certificate IV in Production Horticulture Release 2	AHCCHM and FBPFSY unit codes and titles updated and removal of prerequisite requirements table	Equivalent qualification

## Links

Companion Volume implementation guides are found in VETNet -

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