



Australian Government

AHC40324 Certificate IV in Production Horticulture

Release 1

AHC40324 Certificate IV in Production Horticulture

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0.

Qualification Description

This qualification describes the skills and knowledge for supervisory/managerial job roles in the production horticulture industry including grower, field manager, supervisor, crop grower, plant manager, integrated pest manager, quality assurance, compliance manager and human resources manager.

Individuals with this qualification perform tasks involving technical skills, problem solving and supervisory skills to operate, monitor and improve performance of production horticulture systems and may supervise staff.

Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.

No licensing, legislative or certification requirements 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:
 - 5 core units plus
 - 7 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:

- at least 2 units must be from electives in group A
- up to 2 units must be from electives in group A or B
- up to 3 units from the remaining units listed in groups A or B, or any currently endorsed Training Package or accredited course packaged at Certificate III, IV or Diploma.

Core Units

AHCBIO401	Plan and implement a biosecurity program
AHCBUS408	Operate within a budget framework
AHCWHS402	Maintain workplace health and safety processes
AHCWRK404	Implement quality assurance procedures
BSBLDR412	Communicate effectively as a workplace leader

Elective Units**Group A**

AHCCHM404	Develop procedures to minimise risks in the use of chemicals
AHCCHM405	Plan and implement a chemical use program
AHCIRG437	Schedule irrigations
AHCNSY403	Plan a growing-on program
AHCNSY404	Plan a propagation program
AHCPCM404	Recommend plants and cultural practices
AHCPCM406	Develop a soil health and plant nutrition program
AHCPCM509	Apply knowledge of plant physiology to horticultural practices
AHCPHT409	Develop a crop regulation program
AHCPHT411	Implement and monitor a horticultural crop harvesting program
AHCSOL406	Sample soils and interpret results
AHCWRK409	Supervise work routines and staff performance
BSBLDR413	Lead effective workplace relationships

Group B

AHCBUS409	Participate in an e-business supply chain
AHCIRG435	Determine hydraulic parameters for an irrigation system

AHCIRG436	Implement an irrigation-related environmental protection program
AHCIRG445	Manage surface irrigation systems
AHCORG409	Manage biodynamic production
AHCORG411	Manage organic soil improvement
AHCPCM405	Implement an integrated pest management program
AHCPHT410	Develop harvesting and processing specifications to produce an olive oil
AHCPHT412	Manage mushroom substrate preparation
AHCPHT413	Oversee vineyard practices
AHCPHT414	Assess olive oil for style and quality
AHCPHT415	Control Phase II mushroom substrate process
AHCPHT416	Manage mushroom crop development
AHCPMG401	Implement the pest monitoring and evaluation plan
AHCSOL406	Sample soils and interpret results
AHCSOL407	Develop a soil use map for a property
AHCWRK408	Provide information on issues and policies
BSBMKG431	Assess marketing opportunities

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC40324 Certificate IV in Production Horticulture	AHC40320 Certificate IV in Production Horticulture	Updated 2 Core units and 4 Elective units Added 2 Elective units	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>