



Australian Government

AHC40310 Certificate IV in Production Horticulture

Release 4

AHC40310 Certificate IV in Production Horticulture

Modification History

Release	TP Version	Comments
4	AHC10v5	Addition of an elective unit to cover grape growing (viticulture)
3	AHC10v4	Equivalent imported Units updated
2	AHC10v3	Elective bank groupings modified to provide greater flexibility
1	AHC10	Initial release

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.

Pathways Information

Qualification pathways

Pathways into the qualification

This qualification may be accessed by direct entry.

Pathways from the qualification

Further training pathways from this qualification include, but are not limited to, AHC50310 Diploma of Production Horticulture.

Australian Apprenticeships

This qualification is suitable for an Australian Apprenticeship.

Job roles

Job roles and titles vary across different industry sectors. Possible job titles relevant to this qualification include:

- Farm team leader
- Farm supervisor

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Entry requirements

There are no entry requirements for this qualification.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Reading and interpreting workplace related documentation • Interpreting the needs of internal/external customers • Applying numeracy skills to workplace requirements
Teamwork	<ul style="list-style-type: none"> • Working as an individual and a team member • Working with diverse individuals and groups
Problem-solving	<ul style="list-style-type: none"> • Developing practical and creative solutions to workplace problems • Showing interdependence and initiative in identifying problems • Solving problems individually or in teams • Applying a range of strategies in problem solving
Initiative and enterprise	<ul style="list-style-type: none"> • Adapting to new situations • Being creative in response to workplace challenges • Identifying opportunities that might not be obvious to others
Planning and organising	<ul style="list-style-type: none"> • Collecting, analysing and organising information • Using basic business systems for planning and organising • Being appropriately resourceful • Taking initiative and making decisions within workplace role • Determining or applying required resources • Managing time and priorities
Self-management	<ul style="list-style-type: none"> • Taking responsibility at the appropriate level
Learning	<ul style="list-style-type: none"> • Being open to learning, new ideas and techniques • Learning new skills and techniques • Contributing to the learning of others
Technology	<ul style="list-style-type: none"> • Using technology and related workplace equipment • Using basic technology skills • Applying OHS knowledge when using technology

Packaging Rules

Packaging Rules

Completion of twelve (12) units made up of one (1) core unit and eleven (11) elective units.

ELECTIVE UNITS

- a minimum of three (3) units must come from elective group A
- a minimum of five (5) units must come from elective groups A or B
- a maximum of three (3) units may be selected from units packaged in Certificates III, IV or Diploma in AHC10 or from any other currently endorsed Training Package or accredited course. Selected units must be relevant to job outcomes in the production horticulture industry.

CORE UNIT

Occupational Health and Safety

Unit code	Unit title
AHCOHS401A	Maintain Occupational Health and Safety (OHS) processes

ELECTIVE UNITS GROUP A

Chemicals

Unit code	Unit title
AHCCHM401A	Minimise risks in the use of chemicals
AHCCHM402A	Plan and implement a chemical use program

Irrigation

Unit code	Unit title
AHCIRG408A	Schedule irrigations

Plants

Unit code	Unit title
AHCPCM401A	Recommend plants and cultural practices
AHCPCM402A	Develop a soil health and plant nutrition program

Production horticulture

Unit code	Unit title
AHCPHT402A	Develop a crop regulation program
AHCPHT404A	Implement and monitor a horticultural crop harvesting program

Nursery

Unit code	Unit title
AHCNSY401A	Plan a growing-on program
AHCNSY402A	Plan a propagation program

Soils and media

Unit code	Unit title
AHCSOL401A	Sample soils and interpret results

ELECTIVE UNITS GROUP B

Business

Unit code	Unit title
AHCBUS404A	Operate within a budget framework
AHCBUS405A	Participate in an e-business supply chain

Food

Unit code	Unit title
FDFTEC3001A	Participate in a HACCP team* <i>FDFFS2001A Implement the food safety program and procedures</i>
FDFFS3001A	Monitor the implementation of quality and food safety program* <i>FDFFS2001A Implement the food safety program and procedures</i>

Irrigation

Unit code	Unit title
AHCIRG402A	Determine hydraulic parameters for an irrigation system
AHCIRG404A	Implement an irrigation-related environmental protection program
AHCIRG405A	Plan and coordinate gravity fed irrigation systems

Organic production

Unit code	Unit title
AHCORG401A	Manage biodynamic production
AHCORG403A	Manage organic soil improvement

Production horticulture

Unit code	Unit title
AHCPHT401A	Assess olive oil for style and quality
AHCPHT403A	Develop harvesting and processing specifications to produce an olive oil
AHCPHT405A	Manage mushroom substrate preparation
AHCPHT406A	Control Phase II mushroom substrate process
AHCPHT407A	Manage mushroom crop development
AHCPHT408A	Oversee vineyard practices

Soils and media

Unit code	Unit title
AHCSOL402A	Develop a soil use map for a property

Work

Unit code	Unit title
AHCWRK401A	Implement and monitor quality assurance procedures
AHCWRK402A	Provide information on issues and policies

AHCWRK403A	Supervise work routines and staff performance
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