



**Australian Government**

# **AHC33719 Certificate III in Protected Horticulture**

**Release 2**

## AHC33719 Certificate III in Protected Horticulture

### Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.

### Qualification Description

This qualification describes the skills and knowledge for individuals who work in the protected horticulture industry undertaking skilled work in the areas of picking, packing, crop and nursery work.

Individuals with this qualification perform tasks involving a broad range of skills that are applied in a wide variety of contexts, which will involve discretion and judgement in selecting and operating equipment, coordinating resources and apply contingency measures during work.

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:

- 17 units of competency:
  - 6 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. Any combination of electives that meets the packaging rules can be selected for the award of the *Certificate III in Protected Horticulture*.

Where appropriate, electives may be packaged to provide a qualification with a specialisation area as follows:

- At least 3 electives must be selected from Group A electives must be selected for the award of the *Certificate III in Protected Horticulture (Picking)*
- At least 3 electives must be selected from Group B for the award of the *Certificate III in Protected Horticulture (Packing)*.
- At least 3 electives must be selected from Group C for the award of the *Certificate III in Protected Horticulture (Crop Work)*
- At least 3 electives must be selected from Group D for the award of the *Certificate III in Protected Horticulture (Nursery)*
- Plus 8 units with up to 3 from any currently endorsed Training Package or accredited course.

Where a specialisation area is not sought, the electives are to be chosen as follows:

- 8 units must be selected from groups A, B, C, D or E
- the remaining 3 electives may be selected from groups A, B, C, D or E or any currently endorsed Training Package or accredited course.

### Core Units

AHCBIO305	Apply biosecurity measures
AHCWHS301	Contribute to work health and safety processes
AHCWRK309	Apply environmentally sustainable work practices
FBPFSY3001	Monitor the implementation of quality and food safety programs
FBPOPR1010	Carry out manual handling tasks
FBPOPR2070	Apply quality systems and procedures

### Elective Units

#### Group A Picking

AHCBIO201	Inspect and clean machinery for plant, animal and soil material
AHCBIO302	Identify and report unusual disease or plant pest signs
AHCPHT214	Support horticultural crop harvesting
AHCPHT310	Coordinate horticultural crop harvesting

**Group B Packing**

AHCWRK207	Collect and record production data
FBPBPG2002	Operate the carton erection process
FBPBPG2004	Operate the palletising process
FBPBPG2008	Perform basic packaging tests and inspections
FBPBPG3002	Operate the labelling process
FBPOPR2068	Operate a process control interface
FBPOPR3004	Set up a production or packaging line for operation
FBPOPR3006	Operate interrelated processes in a packaging system
FBPTEC4002	Apply principles of food packaging
SIRRINV002	Control stock
TLIA2014	Use product knowledge to complete work operations
TLIA3016	Use inventory systems to organise stock control
TLIA3018	Organise despatch operations
TLIA3019	Organise receival operations
TLIA3038	Control and order stock

**Group C Crop Work**

AHC BIO302	Identify and report unusual disease or plant pest signs
AHCHYD301	Implement a maintenance program for hydroponic systems
AHCHYD302	Install hydroponic systems
AHCHYD401	Establish and monitor hydroponic crops
AHCNSY307	Operate fertigation equipment
AHCPCM301	Implement a plant nutrition program
AHCPHT211	Maintain crop

AHCPHT212	Perform manual pollination of crops
AHCPHT301	Carry out a crop regulation program
AHCPHT305	Regulate crops
AHCPHT306	Establish horticultural crops
AHCPHT311	Install and maintain vertical hanging trellis
AHCPMG302	Control plant pests, diseases and disorders

**Group D Nursery**

AHCBIO302	Identify and report unusual disease or plant pest signs
AHCNSY203	Undertake propagation activities
AHCNSY301	Maintain nursery plants
AHCNSY307	Operate fertigation equipment
AHCPCM301	Implement a plant nutrition program
AHCPHT204	Undertake field budding and grafting
AHCPHT213	Perform plant blocking on
AHCPMG302	Control plant pests, diseases and disorders
FBPVIT2001	Bench graft vines

**Group E General electives**

AHCCHM304	Transport and store chemicals
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases
AHCHYD301	Implement a maintenance program for hydroponic systems
AHCHYD302	Install hydroponic systems
AHCIRG337	Measure irrigation delivery system performance

AHCMOM202	Operate tractors
AHCMOM304	Operate machinery and equipment
AHCPCM302	Provide information on plants and their culture
AHCPMG202	Treat plant pests, diseases and disorders
AHCPMG301	Control weeds
AHCPMG302	Control plant pests, diseases and disorders
AHCSOL305	Prepare growing media
AHCWAT301	Monitor and operate water treatment processes
AHCWRK303	Respond to emergencies
AHCWRK305	Coordinate work site activities
FBPOPR2037	Operate a filtration process
FBPOPR2063	Clean equipment in place
FBPOPR2064	Clean and sanitise equipment
FBPOPR3005	Operate interrelated processes in a production system
FBPPPL3003	Participate in improvement processes
FBPPPL3005	Participate in an audit process
FBPPPL3006	Report on workplace performance
HLTAID011	Provide First Aid
TLID2010	Operate a forklift
TLIK2010	Use infotechnology devices in the workplace
TLILIC0003	Licence to operate a forklift truck

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
-----------------------------------	------------------------------------	----------	--------------------

AHC33719 Certificate III in Protected Horticulture Release 2	AHC33719 Certificate III in Protected Horticulture Release 1	Qualification updated to replace superseded first aid unit, as approved by the AISC in consultation with ASQA	Equivalent
---	---	---	------------

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>