



Australian Government

AHC50310 Diploma of Production Horticulture

Release 3

AHC50310 Diploma of Production Horticulture

Modification History

Release	TP Version	Comments
3	AHC10v5	Added elective unit <i>AHCPCM505A Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs</i>
2	AHC10v4	Equivalent imported Units updated
1	AHC10	Initial release

Description

The Diploma of Production Horticulture reflects the role of personnel working on production horticulture farms.

The qualification can be contextualised for a tree cropping, vegetable, berry or flower production or mushroom production context as a job focus or, in the case of mixed enterprises, both.

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, Advanced Diploma of Agriculture.

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:

Production horticulture farm manager

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 • Writing to audience needs • Interpreting the needs of internal/external customers • Applying numeracy skills to workplace requirements • Establishing/using networks • Sharing information • Negotiating responsively
Teamwork	<ul style="list-style-type: none"> • Working as an individual and a team member • Working with diverse individuals and groups • Identifying and using the strengths of other team members
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 • Using numeracy skills to solve problems • Testing assumptions and taking context into account
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 • Generating a range of options in response to workplace matters • Translating ideas into actions • Developing a strategic, creative long-term vision
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 • Participating in continuous improvement and planning processes • Working within or establishing clear project goals and

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	deliverables <ul style="list-style-type: none"> • Determining or applying required resources • Allocating people and other resources to tasks and workplace requirements • Managing time and priorities • Adapting resource allocations to cope with contingencies
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 in a range of settings including informal learning • Participating in ongoing learning • Learning in order to accommodate change • Contributing to the learning of others
Technology	<ul style="list-style-type: none"> • Using technology and related workplace equipment • Using basic technology skills • Using technology to organise data • Applying technology as a management tool

Packaging Rules**Packaging Rules**

Completion of ten (10) elective units.

ELECTIVE UNITS

- a minimum of two (2) units must come from elective group A
- a minimum of six (6) units must come from elective groups A or B
- a maximum of two (2) units may be selected from units aligned to Certificate IV or above 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.

ELECTIVE UNITS GROUP A**Plants**

Unit code	Unit title
AHCPCM501A	Diagnose plant health problems

Production horticulture

Unit code	Unit title
AHCPHT502A	Develop a horticultural production plan
AHCPHT503A	Manage a controlled growing environment

Hydroponics

Unit code	Unit title
AHCHYD501A	Develop a plan for a hydroponic system

Soils and media

Unit code	Unit title
AHCSOL501A	Monitor and manage soils for production

ELECTIVE UNITS GROUP B

Biosecurity

Unit code	Unit title
AHCBIO501A	Manage active operational emergency disease or plant pest sites
AHCBIO502A	Manage the implementation of an emergency disease or plant pest control program

Business

Unit code	Unit title
AHCBUS501A	Manage staff
AHCBUS502A	Market products and services
AHCBUS503A	Negotiate and monitor contracts
AHCBUS505A	Develop a marketing plan
AHCBUS506A	Develop and review a business plan
AHCBUS507A	Monitor and review business performance
AHCBUS508A	Prepare and monitor budgets and financial reports

BSBR501B	Manage risk
TLIL5019A	Implement and monitor transport logistics
TLIR4002A	Source goods/services and evaluate contractors
TLIR4003A	Negotiate a contract

Chemicals

Unit code	Unit title
AHCCHM501A	Develop and manage a chemical use strategy

Drainage

Unit code	Unit title
AHCDRG501A	Design drainage systems

Hydroponics

Unit code	Unit title
AHCHYD501A	Develop a plan for a hydroponic system

Irrigation

Unit code	Unit title
AHCIRG502A	Design irrigation system maintenance and monitoring programs
AHCIRG503A	Design irrigation, drainage and water treatment systems
AHCIRG504A	Develop an irrigation and drainage management plan

Machinery operation and maintenance

Unit code	Unit title
AHCMOM501A	Manage machinery and equipment
AHCMOM502A	Implement a machinery management system

Organic production

Unit code	Unit title
AHCORG501A	Develop an organic management plan
AHCORG502A	Prepare the enterprise for organic certification

Plants

Unit code	Unit title
AHCPCM505A	Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs

Water

Unit code	Unit title
AHCWAT501A	Design water treatment systems
AHCWAT502A	Manage water systems

Work

Unit code	Unit title
AHCWRK501A	Plan, implement and review a quality assurance program
AHCWRK511A	Develop workplace policy and procedures for sustainability