Australian Government

AHC51920 Diploma of Applied Agronomy

Release 4

AHC51920 Diploma of Applied Agronomy

Modification History

Release	Comments
Release 4	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0.
Release 3	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.2.
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.1.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Qualification Description

This qualification describes the skills and knowledge of those who work as an agronomist in the agriculture and horticulture industry.

Individuals with this qualification will take personal responsibility and exercise autonomy in undertaking complex work. They must analyse information and exercise judgement to complete a range of advanced skilled activities. It is assumed that an individual undertaking this qualification will have prior agriculture or horticulture industry experience.

Work must comply with workplace health and safety, food safety, biosecurity and environmental regulations, legislation and standards 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:
  - 7 core units plus
  - 5 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:

- 3 must be from the electives listed below
- 2 from the remaining electives listed below, or any currently endorsed Training Package or accredited course packaged at Certificate IV, Diploma or Advanced Diploma.

Core Units

AHCAGB521	Select and use agricultural technology
AHCBAC509	Plan and manage long-term weed, pest and disease control in crops
AHCBAC513	Apply plant biology to agronomic practices
AHCBAC514	Design and manage a crop or pasture nutrition program
AHCBUS408	Operate within a budget framework
AHCSOL508	Manage soils to enhance sustainability
AHCWRK513	Write and present reports

Elective Units

AHCAGB514	Manage application of agents to crops or pastures
AHCAGB518	Develop climate risk management strategies
AHCAGB523	Interpret and use agricultural data
AHBAC409	Provice advice on agronomic products
AHCBAC510	Manage integrated crop and pasture production
AHCBAC511	Plan and manage a stored grain program
AHCBAC512	Develop production plans for crops or pastures
AHCBUS518	Prepare and monitor budgets and financial reports
AHCCHM405	Plan and implement a chemical use program
AHCCHM501	Develop and manage a chemical use strategy
AHCIRG507	Audit irrigation systems
AHCIRG509	Develop an irrigation and drainage management plan
AHCIRG510	Establish and maintain an irrigation-related environmental protection

Skills Insight

	program
AHCNRM507	Manipulate and analyse data within geographic information systems
AHCPCM507	Diagnose plant health problems
AHCPHT508	Develop a grape production plan
AHCPHT511	Develop a horticultural production plan
AHCSOL505	Monitor and manage soils for production
AHCWAT503	Manage water systems
AHCWRK506	Collect and manage data
AHCWRK518	Provide specialist advice to clients
AHCWRK521	Plan, implement and review a quality assurance program
AHCWRK514	Manage trial and research material
BSBCMM511	Communicate with influence

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC51920 Diploma of Applied Agronomy Release 4	AHC51920 Diploma of Applied Agronomy Release 3	Updated 3 Elective units	Equivalent

Links

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