



Australian Government

AHC50122 Diploma of Agriculture

Release 1

AHC50122 Diploma of Agriculture

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Qualification Description

This qualification describes the skills and knowledge for management job roles in agriculture, including managing livestock production, crop production and advice. Job roles vary across different industry sectors and may include:

- Farm production manager
- Production unit manager
- Station/property manager
- Pastoral operations manager
- Agricultural service providers.

Individuals with this qualification 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.

This qualification applies to individuals with existing agriculture industry experience and technical skills and knowledge gained through training or employment specifically in the agriculture industry.

Work must comply with 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:

- 10 units of competency:
 - 2 core units plus
 - 8 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 can be chosen to provide a general qualification or a qualification with a specialisation.

For the award of the *Diploma of Agriculture* choose:

- 2 units from group A
- 4 units not already selected from groups A or B
- the remaining 2 units must be selected from units listed in groups A or B, or any currently endorsed Training Package or accredited course.

For the award of the *Diploma of Agriculture (Organic Production)* choose:

- 4 units from group A with the unit code AHCORG, one of which must be AHCORG506 Manage an agroecology production system
- 2 unit not already selected from groups A or B
- the remaining 2 units must be selected from electives listed in groups A or B, or any currently endorsed Training Package or accredited course.

Core Units

AHCWHS503	Manage workplace health and safety processes
AHCWRK520	Develop workplace policy and procedures for environment and sustainability

Elective Units

Group A

AHCAGB513	Develop a farm plan
AHCAGB518	Develop climate risk management strategies
AHCBAC417	Manage agricultural crop production
AHCBAC509	Plan and manage long-term weed, pest and disease control in crops
AHCBAC510	Manage integrated crop and pasture production
AHCBAC511	Plan and manage a stored grain program
AHCBAC512	Develop production plans for crops or pastures
AHCBAC513	Apply plant biology to agronomic practices
AHCBAC515	Manage forage conservation

AHCBAC516	Manage the harvest of crops
AHCBUS511	Manage enterprise staff requirements
AHCBUS513	Market products and services
AHCBUS514	Negotiate and monitor contracts
AHCBUS516	Develop and review a business plan
AHCBUS517	Monitor and review business performance
AHCBUS518	Prepare and monitor budgets and financial reports
AHCLSK501	Manage livestock production
AHCLSK502	Arrange marketing of livestock
AHCLSK504	Develop livestock health and welfare strategies
AHCLSK508	Plan, monitor and evaluate strategies to improve livestock through genetics
AHCLSK509	Develop and implement a breeding strategy
AHCLSK510	Develop production plans for livestock
AHCORG509	Prepare and manage organic or biodynamic certification
AHCORG510	Design and document an organic farm landscape
AHCORG511	Develop and manage a community based marketing supply chain
AHCORG512	Develop and monitor a sustainable production plan
AHCORG513	Manage an agroecology production system
AHCORG514	Develop an organic or biodynamic management plan
AHCSOL505	Monitor and manage soils for production
AHCSOL506	Manage erosion and sediment control
AHCSOL507	Develop and manage a plan to reclaim land affected by salinity
AHCSOL508	Manage soils to enhance sustainability

Group B

AHCAGB512	Plan and manage infrastructure
AHCAGB514	Manage application of agents to crops or pastures
AHCAGB515	Develop sustainable agricultural practices that utilise renewable energy and recycling systems
AHCAGB516	Select and implement a GIS for sustainable agricultural systems
AHCAGB517	Develop and manage a plan for sustainable production
AHCAGB519	Plan and monitor production processes
AHCAGB520	Plan production for the whole business
AHCAGB521	Select and use agricultural technology
AHCAGB522	Implement the introduction of biotechnology into the production system
AHCBUS408	Operate within a budget framework
AHCBUS515	Prepare estimates, quotes and tenders
AHCCHM405	Plan and implement a chemical use program
AHCCHM501	Develop and manage a chemical use strategy
AHCCOM502	Plan and schedule compost production
AHCDRG502	Design drainage systems
AHCECR506	Develop and implement sustainable land use strategies
AHCLSK506	Design livestock effluent systems
AHCMER502	Develop a sales strategy for rural products
AHCMOM501	Manage machinery and equipment
AHCMOM502	Implement a machinery management system
AHCPCM513	Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs
AHCPER514	Design an integrated permaculture system

AHCPER518	Manage a permaculture aid and development project
AHCSHG405	Arrange employment for shearing operations
AHCWAT503	Manage water systems
AHCWAT505	Purchase and sell temporary water for irrigated agriculture and horticulture
AHCWAT506	Identify carryover water or continuous accounting
AHCWRK506	Collect and manage data
AHCWRK513	Write and present reports
AHCWRK514	Manage trial and research material
AHCWRK515	Assess new industry developments
AHCWRK516	Implement professional practice
AHCWRK517	Interpret legislation
AHCWRK518	Provide specialist advice to clients
AHCWRK521	Plan, implement and review a quality assurance program
BSBHRM525	Manage recruitment and onboarding
BSBINS401	Analyse and present research information
BSBOPS504	Manage business risk
BSBPEF501	Manage personal and professional development
BSBWHS515	Lead initial response to and investigate WHS incidents
FBPFSY5001	Develop a HACCP-based food safety plan
MSS015040	Conduct a sustainability energy audit
TLIL5019	Implement and monitor transport logistics
TLIR4002	Source goods/services and evaluate contractors

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC50122 Diploma of Agriculture	AHC50116 Diploma of Agriculture	Revised packaging rules to better reflect outcomes Specialisation added Added core units list, and revised and increased core units by 2 units Added, removed and updated elective units	Not equivalent
AHC50122 Diploma of Agriculture	AHC51816 Diploma of Organic Farming	Qualification merged with Diploma in Agriculture, with new organic production specialisation	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>