



Australian Government

AHC50116 Diploma of Agriculture

Release 4

AHC50116 Diploma of Agriculture

Modification History

Release	Comments
Release 4	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.
Release 3	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 3.0.
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.1.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

Qualification Description

This qualification reflects the role of personnel working on farms and stations who manage enterprise production units and employees and sole operators of agribusinesses who provide crop production advice and services to production enterprises.

Industry expects 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.

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

- Farm production manager
- Production unit manager
- Agronomist
- Station/property manager.

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:
 - 0 core units plus
 - 10 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:

- Select 5 units from Group A
- Select 3 units from Group A or Group B
- 2 units aligned to AQF level 4 or above may be selected from the elective list, or this or any other endorsed Training Package or Accredited Course
- Selected units must be relevant to job outcomes in agriculture and must be chosen to ensure the integrity of the qualification outcome at AQF level 5.

Elective Units

Group A

Agribusiness

AHCAGB513	Develop a farm plan
AHCAGB518	Develop climate risk management strategies

Broadacre cropping

AHCBAC408	Manage agricultural crop production
AHCBAC502	Manage forage conservation
AHCBAC503	Manage integrated crop and pasture production
AHCBAC504	Plan and manage a stored grain program
AHCBAC506	Manage the harvest of crops
AHCBAC507	Develop production plans for crops
AHCBAC508	Apply plant biology to agronomic practices
AHCBAC509	Plan and manage long-term weed, pest and disease control in crops

Business

AHCBUS511	Manage enterprise staff requirements
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AHCBUS513	Market products and services
AHCBUS516	Develop and review a business plan
AHCBUS517	Monitor and review business performance

Livestock

AHCLSK501	Manage livestock production
AHCLSK502	Arrange marketing of livestock
AHCLSK503	Develop and implement a breeding strategy
AHCLSK504	Develop livestock health and welfare strategies
AHCLSK505	Develop production plans for livestock
AHCLSK507	Plan, monitor and evaluate strategies to improve livestock through genetics

Organic production

AHCORG507	Develop an organic or biodynamic management plan
AHCORG508	Prepare the enterprise for biodynamic or organic certification

Soils and media

AHCSOL502	Manage soils to enhance sustainability
AHCSOL503	Manage erosion and sediment control
AHCSOL504	Develop and manage a plan to reclaim land affected by salinity
AHCSOL505	Monitor and manage soils for production projects

Work health and safety

AHCWHS502	Manage work health and safety processes
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Group B**Agribusiness**

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
BSBWOR501	Manage personal work priorities and professional development

Business

AHCBUS514	Negotiate and monitor contracts
AHCBUS515	Prepare estimates, quotes and tenders
AHCBUS518	Prepare and monitor budgets and financial reports
BSBFIM501	Manage budgets and financial plans
BSBHRM506	Manage recruitment selection and induction processes
BSBRES411	Analyse and present research information
BSBRISK501	Manage risk
TLIL5019	Implement and monitor transport logistics
TLIR4002	Source goods/services and evaluate contractors
TLIR4003	Negotiate a contract

Chemicals

AHCCHM405	Plan and implement a chemical use program
AHCCHM501	Develop and manage a chemical use strategy

Deer

AHCDER401	Handle, store and grade deer velvet
AHCDER501	Comply with deer industry national velvet accreditation requirements
AHCDER502	Harvest deer velvet

Drainage

AHCDRG502	Design drainage systems
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Livestock

AHCLSK506	Design livestock effluent systems
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Merchandising and sales

AHCMER501	Develop a sales strategy for rural products
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Machinery operation and maintenance

AHCMOM501	Manage machinery and equipment
AHCMOM502	Implement a machinery management system

Natural area restoration

AHCNAR506	Develop and implement sustainable land use strategies
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Organic production

AHCORG401	Manage biodynamic production
AHCORG402	Manage organic livestock production
AHCORG403	Manage organic soil improvement

Plants

AHCPM505	Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs
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Shearing

AHCSHG405	Arrange employment for shearing operations
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Sustainability

AHCSUS501	Develop and manage a plan for sustainable supply and use of water on a farm
AHCSUS502	Develop and manage a plan to improve biodiversity on a farm

Water

AHCWAT503	Manage water systems
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Work

AHCWRK502	Collect and manage data
AHCWRK504	Assess new industry developments
AHCWRK505	Manage trial and research material
AHCWRK509	Provide specialist advice to clients
AHCWRK511	Develop workplace policy and procedures for sustainability
AHCWRK512	Plan, implement and review a quality assurance program

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHC50116 Diploma of Agriculture Release 4	AHC50116 Diploma of Agriculture Release 3	Updated elective unit codes	Equivalent qualification

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>