



Australian Government

AHC50116 Diploma of Agriculture

Release 7

AHC50116 Diploma of Agriculture

Modification History

Release	Comments
Release 7	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 6	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 6.2..
Release 5	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 6.1.
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

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

Business

AHCBUS511	Manage enterprise staff requirements
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
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

Organic production

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

Soils and media

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

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
BSBPEF501	Manage personal 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

BSBHRM525	Manage recruitment and onboarding
BSBINS401	Analyse and present research information
BSBOPS504	Manage business risk
TLIL5019	Implement and monitor transport logistics
TLIR0004	Negotiate a contract
TLIR4002	Source goods/services and evaluate contractors

Chemicals

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

Drainage

AHCDRG502	Design drainage systems
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Livestock

AHCLSK506	Design livestock effluent systems
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Merchandising and sales

AHCMER502	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

AHCECR506	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

AHCPCM513	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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Water

AHCWAT503	Manage water systems
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Work

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

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
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Code and title current version	Code and title previous version	Comments	Equivalence status
AHC50116 Diploma of Agriculture Release 7	AHC50116 Diploma of Agriculture Release 6	Updated elective unit codes	Equivalent

Links

Companion Volume implementation guides are found in VETNet -

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