

**Modification History**

Release	Comments
Release 4	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Release 11.0.
Release 3	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Release 6.2.
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Release 6.1.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Release 6.0.

AHC51920	Diploma of Applied Agronomy
<p><b>Qualification Description</b></p> <p>This qualification describes the skills and knowledge of those who work as an agronomist in the agriculture and horticulture industry.</p> <p>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.</p> <p>Work must comply with workplace health and safety, food safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.</p> <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>	
<p><b>Entry Requirements</b></p> <p>There are no entry requirements for this qualification.</p>	

Key:

[Unit currently under review in the Livestock Operations project](#)

[Unit currently under review in the Shearing and Wool project](#)

[Unit currently under review and proposed for deletion](#)

**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.

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
AHCBAC409	Provide 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 program		
AHCNRM5X01	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		
AHCWRK502	Collect and manage data		
AHCWRK509	Provide specialist advice to clients		
AHCWRK512	Plan, implement and review a quality assurance program		
AHCWRK514	Manage trial and research material		
BSBCMM511	Communicate with influence		
<b>Pre-requisite Units</b>			
Nil			
<b>Qualification Mapping Information</b>			
Code and title current release	Code and title previous release	Comments	Equivalence status
AHC51920 Diploma of Applied Agronomy Release 4	AHC51920 Diploma of Applied Agronomy Release 3	Updated superseded unit code Corrected typos in code and title of AHCBAC409	Equivalent
<b>Links</b>			
Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>			