

AHC51920 Diploma of Applied Agronomy

Following strategic revisions of the AHC Training Package by unit sector, several qualifications and skill sets require updating to include the improved units.

Skills Insight is seeking comment from those who may be impacted by the replacement of the units so that disruptions can be minimised. These updates are not to change the intent of the qualifications, simply to include units already consulted on with stakeholders to better meet skills needs.

Below is an updated version of Diploma of Applied Agronomy as well as a summary of the updates made to units within it.

This document provides a list of units of competency to be updated in this qualification and includes notes on changes between the current and updated units. Other units are not included as they don't need to be changed.

Acronyms:

E – Equivalent

NE - Not Equivalent

PC – Performance Criteria

PE – Performance Evidence

KE – Knowledge Evidence

AC – Assessment Conditions

AHC - Agriculture, Horticulture and Conservation and Land Management Training Package

Key:

Superseded units / recommended replacements

New unit

~~Proposed deletion~~ - deleted units/units proposed for deletion

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.

AHC51920	Diploma of Applied Agronomy
<p>Qualification Description</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>Entry Requirements</p> <p>There are no entry requirements for this qualification.</p>	

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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
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

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AHCIRG510	Establish and maintain an irrigation-related environmental protection 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
BSBCM511	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>

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Unit's location in impacted qualification	Current Unit	Replacement Unit	Equivalence	Notes on change
Elective	AHCWRK502 Collect and manage data	AHCWRK506 Collect and manage data	NE	Minor changes to Application and Elements Minor changes to Performance Criteria including reordering for correct sequencing of tasks Foundation Skills added (Reading and Oral communication) Range of Conditions removed completely Addition of frequency to Performance Evidence and minor changes to update terminology and for clarity. Knowledge Evidence updated to include sensitive data collection and storage techniques Assessment Conditions updated
Elective	AHCWRK509 Provide specialist advice to clients	AHCWRK518 Provide specialist advice to clients	NE	Minor changes to <u>Application</u> No changes to <u>Elements</u> and minor updates to <u>Performance Criteria</u> for clarity and correct sequencing of tasks <u>Foundation Skills</u> added (Reading, Writing and Oral communication) <u>Range of Conditions</u> removed completely Addition of frequency to <u>Performance Evidence</u> and minor changes <u>Knowledge Evidence</u> updated to include methods and strategies for researching relevant information, maintaining currency of specialist knowledge and presenting to clients

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				<u>Assessment Conditions</u> updated
Elective	AHCWRK512 Plan, implement and review a quality assurance program	AHCWRK521 Plan, implement and review a quality assurance program	NE	<p>Minor changes to <u>Application</u> and <u>Elements</u></p> <p>Changes to <u>Performance Criteria</u> to update language and removal of references to HACCP</p> <p><u>Foundation Skills</u> removed (Navigate the world or work and interact with others)</p> <p>Minor changes to <u>Performance Evidence</u> and <u>Knowledge Evidence</u></p> <p><u>Assessment Conditions</u> update</p>