Modification History

| Release | Comments |
| --- | --- |
| Release 1 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 5.0. |

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| AHC5XX20 | Diploma of Applied Agronomy |
| Qualification DescriptionThis qualification describes the skills and knowledge of those in agronomist roles in the agricultural and horticulture industry.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.Work must comply with workplace health and safety, food safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.No licensing, legislative or certification requirements apply to this qualification at the time of publication. |
| Entry RequirementsThere are no entry requirements for this qualification. |
| Packaging RulesTo 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

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| AHCAGB521 | Select and use agricultural technology |
| AHCBAC508 | Apply plant biology to agronomic practices |
| AHCBAC509 | Plan and manage long-term weed, pest or disease control in crops |
| AHCBAC5XX | Design and manage a crop or pasture nutrition program |
| AHCBUS404 | Operate within a budget framework |
| AHCSOL502 | Manage soils to enhance sustainability |
| AHCWRK5XX | Write and present reports |

Elective Units

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| AHCAGB514 | Manage application of agents to crops or pastures |
| AHCAGB518 | Develop climate risk management strategies |
| AHCAGB5XX | Interpret and use agricultural data |
| AHCBAC503 | Manage integrated crop and pasture production |
| AHCBAC504 | Plan and manage a stored grain program |
| AHCBAC5XX | Develop production plans for crops or pastures |
| AHCBUS518 | Prepare and monitor budgets and financial reports |
| AHCCHM405 | Plan and implement a chemical use strategy |
| AHCCHM501 | Develop and manage a chemical use strategy |
| AHCIRG507 | Audit irrigation systems |
| AHCIRG508 | Develop an irrigation and drainage management plan |
| AHCIRG510 | Establish and maintain an irrigation-related environmental protection program |
| AHCMER404 | Provide advice on agronomic products |
| AHCNRM507 | Manipulate and analyse data within geographic information systems |
| [AHCPCM501](https://training.gov.au/Training/Details/AHCPCM501) | Diagnose plant health problems |
| AHCPHT502 | Develop a horticultural production plan |
| AHCPHT504 | Develop a grape production plan |
| AHCSOL505 | Monitor and manage soils for production |
| AHCWAT503 | Manage water systems |
| AHCWRK502 | Collect and manage data |
| AHCWRK505 | Manage trial and research material |
| AHCWRK509 | Provide specialist advice to clients |
| AHCWRK512 | Plan, implement and review a quality assurance program |
| BSBCMM402 | Implement effective communication strategies |

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| Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
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| AHC5XX20 Diploma of Applied Agronomy | Not applicable | New qualification | No equivalent qualification |

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| LinksCompanion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72> |