Modification History

|  |  |
| --- | --- |
| Release | Comments |
| Release 5 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Release 11.0. |
| Release 4 | This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Release 10.0. |
| 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 |
| Qualification Description  This qualification describes the skills and knowledge of those who work as an agronomist in the agriculture 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 Requirements  There are no entry requirements for this qualification. | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | | AHCNRM513 | 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 | | AHCWRK514 | Manage trial and research material | | BSBCMM511 | Communicate with influence | | AHCWRK518 | Provide specialist advice to clients | | AHCWRK521 | Plan, implement and review a quality assurance program |   Pre-requisite Units  Nil |
| Qualification Mapping Information   |  |  |  |  | | --- | --- | --- | --- | | Code and title current release | Code and title previous release | Comments | Equivalence status | | AHC51920 Diploma of Applied Agronomy Release 5 | AHC51920 Diploma of Applied Agronomy Release 4 | Updated superseded unit code  Corrected typos in code and title of AHCBAC409 | Equivalent | |
| Links  Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |