



**Australian Government**

# **AHC50116 Diploma of Agriculture**

**Release 2**

## AHC50116 Diploma of Agriculture

### Modification History

| Release | TP Version | Comment         |
|---------|------------|-----------------|
| 1       | AHCv1.0    | Initial release |

### 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 occupational 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

Total number of units = 10

- Core Units = 0
- Elective Units = 10

### Elective Units

- 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

Group A

#### Agribusiness

| Unit Code | Unit Title                                 |
|-----------|--|
| AHCAGB501 | Develop climate risk management strategies |
| AHCAGB505 | Develop a whole farm plan                  |

#### Broadacre cropping

| Unit Code | Unit Title   |
|-----------|--|
| AHCBAC408 | Manage agricultural crop production                              |
| AHCBAC502 | Manage forage conservation                                       |
| AHCBAC503 | Manage integrated crop and pasture production                    |
| AHCBAC504 | Plan and manage a stored grain program                           |
| AHCBAC505 | Plan and manage long-term weed, pest or disease control in crops |
| AHCBAC506 | Manage the harvest of crops                                      |
| AHCBAC507 | Develop production plans for crops                               |
| AHCBAC508 | Apply plant biology to agronomic practices                       |

#### Business

| Unit Code | Unit Title                              |
|-----------|---|
| AHCBUS501 | Manage staff                            |
| AHCBUS502 | Market products and services            |
| AHCBUS506 | Develop and review a business plan      |
| AHCBUS507 | Monitor and review business performance |

**Livestock**

| Unit Code | Unit Title  |
|-----------|---|
| AHCLSK501 | Manage livestock production   |
| AHCLSK502 | Arrange marketing of livestock  |
| AHCLSK503 | Develop and implement a breeding strategy                                   |
| AHCLSK504 | Develop livestock health and welfare strategies                             |
| AHCLSK505 | Develop production plans for livestock                                      |
| AHCLSK507 | Plan, monitor and evaluate strategies to improve livestock through genetics |

**Organic production**

| Unit Code | Unit Title                                       |
|-----------|--|
| AHCORG501 | Develop an organic management plan               |
| AHCORG502 | Prepare the enterprise for organic certification |

**Soils and media**

| Unit Code | Unit Title   |
|-----------|--|
| AHCSOL501 | Monitor and manage soils for production                        |
| AHCSOL502 | Manage soils to enhance sustainability                         |
| AHCSOL503 | Manage erosion and sediment control                            |
| AHCSOL504 | Develop and manage a plan to reclaim land affected by salinity |

**Work health and safety**

| Unit Code | Unit Title                              |
|-----------|---|
| AHCWHS501 | Manage work health and safety processes |

**Group B  
Agribusiness**

| Unit Code | Unit Title  |
|-----------|---|
| AHCAGB502 | Plan and manage infrastructure requirements   |
| AHCAGB503 | Plan and monitor production processes   |
| AHCAGB504 | Plan production for the whole business  |
| AHCAGB506 | Manage application technology   |
| AHCAGB507 | Select and use agricultural technology  |
| AHCAGB508 | Improve agricultural sustainability using renewable energy and recycle system/s                   |
| AHCAGB509 | Select and implement a Geographic Information System (GIS) for sustainable agricultural systems   |
| AHCAGB510 | Implement the introduction of biotechnology into the production system                            |
| AHCAGB511 | Develop and manage a plan for sustainable production reflecting sustainable production principles |
| BSBWOR501 | Manage personal work priorities and professional development                                      |

**Business**

| Unit Code | Unit Title   |
|-----------|--|
| AHCBUS503 | Negotiate and monitor contracts                      |
| AHCBUS504 | Prepare estimates, quotes and tenders                |
| AHCBUS508 | Prepare and monitor budgets and financial reports    |
| BSBFIM501 | Manage budgets and financial plans                   |
| BSBHRM506 | Manage recruitment selection and induction processes |
| BSBRES401 | Analyse and present research information             |

|          |  |
|----------|--|
| BSBR501  | Manage risk                                    |
| TLIL5019 | Implement and monitor transport logistics      |
| TLIR4002 | Source goods/services and evaluate contractors |
| TLIR4003 | Negotiate a contract                           |

### Chemicals

NOTE: Units marked with an asterisk (\*) require completion of prerequisite Unit/s which is identified under the Unit.

| Unit Code | Unit Title   |
|-----------|--|
| AHCCHM402 | Plan and implement a chemical use program*<br><i>AHCCHM303 Prepare and apply chemicals</i><br><i>AHCCHM304 Transport and store chemicals</i> |
| AHCCHM501 | Develop and manage a chemical use strategy   |

### Deer

| Unit Code | Unit Title   |
|-----------|--|
| AHCDER401 | Handle, store and grade deer velvet                                  |
| AHCDER501 | Comply with deer industry national velvet accreditation requirements |
| AHCDER502 | Harvest deer velvet  |

### Drainage

| Unit Code | Unit Title              |
|-----------|-------------------------|
| AHCDRG501 | Design drainage systems |

### Livestock

| Unit Code | Unit Title                        |
|-----------|-----------------------------------|
| AHCLSK506 | Design livestock effluent systems |

### Machinery operation and maintenance

| Unit Code | Unit Title |
|-----------|------------|
|-----------|------------|

|           |   |
|-----------|---|
| AHCMOM501 | Manage machinery and equipment          |
| AHCMOM502 | Implement a machinery management system |

**Merchandising and sales**

|                  |   |
|------------------|---|
| <b>Unit Code</b> | <b>Unit Title</b>                           |
| AHCMER501        | Develop a sales strategy for rural products |

**Natural area restoration**

|                  |   |
|------------------|---|
| <b>Unit Code</b> | <b>Unit Title</b>                                     |
| AHCNAR506        | Develop and implement sustainable land use strategies |

**Organic production**

|                  |                                     |
|------------------|-------------------------------------|
| <b>Unit Code</b> | <b>Unit Title</b>                   |
| AHCORG401        | Manage biodynamic production        |
| AHCORG402        | Manage organic livestock production |
| AHCORG403        | Manage organic soil improvement     |

**Plants**

|                  |   |
|------------------|---|
| <b>Unit Code</b> | <b>Unit Title</b>                                     |
| AHCPCM505        | Conduct environmental and food safety risk assessment |

**Shearing**

|                  |  |
|------------------|--|
| <b>Unit Code</b> | <b>Unit Title</b>                          |
| AHCSHG405        | Arrange employment for shearing operations |

**Sustainability**

|                  |   |
|------------------|---|
| <b>Unit Code</b> | <b>Unit Title</b>   |
| AHCSUS501        | Develop and manage a plan for sustainable supply and use of water on a farm |
| AHCSUS502        | Develop and manage a plan to improve biodiversity on a farm                 |

**Water**

| Unit Code | Unit Title           |
|-----------|----------------------|
| AHCWAT502 | Manage water systems |

**Work**

| Unit Code | Unit Title   |
|-----------|--|
| AHCWRK501 | Plan, implement and review a quality assurance program     |
| AHCWRK502 | Collect and manage data                                    |
| AHCWRK504 | Assess new industry developments                           |
| AHCWRK505 | Manage trial and research material                         |
| AHCWRK509 | Provide specialist advice to clients                       |
| AHCWRK511 | Develop workplace policy and procedures for sustainability |

**Qualification Mapping Information**

This qualification is equivalent to AHC50110 Diploma of Agriculture.

**Links**

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>