



**Australian Government**

# **AHC40116 Certificate IV in Agriculture**

**Release: 1**

## AHC40116 Certificate IV in Agriculture

### Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

### Qualification Description

This qualification allows individuals to develop post-trade skills and knowledge to become specialists within the agriculture industry. It is designed to meet the needs of supervisors or team leaders in the agriculture industry.

Industry expects that individuals with this qualification will take responsibility for their own work and for the quality of the work of others within known parameters. They provide and communicate solutions to a range of predictable and sometimes unpredictable problems.

This qualification is suitable for an Australian Apprenticeship.

Job roles vary across different industry sectors and include:

- Farm team leader
- Farm supervisor

No occupational licensing, legislative or certification requirements are known to 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 = 12

- Core Units = 1
- Elective Units = 11

### Core Unit

#### Work health and safety

Unit Code	Unit Title
AHCWHS401	Maintain work health and safety processes

### Elective Units

- Select 4 units from Group A
- Select 5 units from Group A or Group B
- 2 units aligned to AQF levels 3, 4, or 5 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 4

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

### Group A

#### Broadacre cropping

Unit Code	Unit Title
AHCBAC401	Manage pastures for livestock production
AHCBAC402	Plan a pasture establishment program
AHCBAC403	Supervise agricultural crop establishment
AHCBAC404	Plan and implement agricultural crop maintenance
AHCBAC405	Supervise agricultural crop harvesting
AHCBAC406	Maintain grain quality in storage
AHCBAC407	Save, prepare and store agricultural seed

**Chemicals**

<b>Unit Code</b>	<b>Unit Title</b>
AHCCHM402	Plan and implement a chemical use program* <i>AHCCHM303 Prepare and apply chemicals</i> <i>AHCCHM304 Transport and store chemicals</i>

**Dairy**

<b>Unit Code</b>	<b>Unit Title</b>
AHCDRY401	Manage milking shed routines

**Livestock**

<b>Unit Code</b>	<b>Unit Title</b>
AHCLSK312	Coordinate artificial insemination and fertility management of livestock
AHCLSK317	Plan to exhibit livestock
AHCLSK401	Develop feeding plans for a production system
AHCLSK402	Develop livestock feeding plans
AHCLSK404	Implement and monitor animal welfare programs
AHCLSK405	Implement intensive production systems
AHCLSK406	Oversee animal marking operations
AHCLSK407	Plan and monitor intensive production systems
AHCLSK408	Pregnancy test animals
AHCLSK409	Supervise animal health programs
AHCLSK410	Supervise feedlot operations
AHCLSK411	Supervise natural mating of livestock
AHCLSK412	Arrange livestock purchases
AHCLSK413	Design livestock handling facilities
AHCLSK414	Arrange transport for farm produce or livestock

AHCLSK415	Oversee alpaca farm activities
AHCLSK416	Identify and select animals for breeding
AHCLSK418	Escort livestock during export * <i>AHCLSK307 Euthanase livestock</i> <i>AHCLSK331 Comply with industry animal welfare requirements</i>

### **Machinery operation and maintenance**

<b>Unit Code</b>	<b>Unit Title</b>
AHCMOM402	Supervise maintenance of property, machinery and equipment

### **Pest management**

<b>Unit Code</b>	<b>Unit Title</b>
AHCPMG412	Develop a pest management plan

### **Pork production**

<b>Unit Code</b>	<b>Unit Title</b>
AHCPRK401	Implement a feeding strategy for pig production

## **Group B**

### **Agribusiness**

<b>Unit Code</b>	<b>Unit Title</b>
AHCAGB401	Plan and implement property improvement
AHCAGB402	Analyse and interpret production data
BSBRK401	Identify risk and apply risk management processes

### **Artificial insemination**

<b>Unit Code</b>	<b>Unit Title</b>
AHCAIS401	Supervise artificial breeding and embryo transfer programs

### **Business**

Unit Code	Unit Title
AHCBUS401	Administer finance, insurance and legal requirements
AHCBUS402	Cost a project
AHCBUS404	Operate within a budget framework
AHCBUS405	Participate in an e-business supply chain
AHCBUS509	Develop and implement business structures and relationships
BSBCMM401	Make a presentation
BSBFIA402	Report on financial activity
BSBHRM405	Support the recruitment, selection and induction of staff
BSBINM401	Implement workplace information system
BSBITU404	Produce complex desktop published documents
BSBLDR403	Lead team effectiveness
BSBSMB405	Monitor and manage small business operations
BSBSMB406	Manage small business finances

### Chemicals

Unit Code	Unit Title
AHCCHM401	Develop procedures to minimise risks in the use of chemicals * <i>AHCCHM303 Prepare and apply chemicals</i> <i>AHCCHM304 Transport and store chemicals</i>

### 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

### Irrigation

Unit Code	Unit Title
AHCIRG431	Supervise irrigation system installation
AHCIRG402	Determine hydraulic parameters for an irrigation system
AHCIRG404	Implement an irrigation-related environmental protection program
AHCIRG415	Interpret and apply irrigation designs
AHCIRG431	Supervise irrigation system installation
AHCIRG408	Schedule irrigations

### Machinery operation and maintenance

Unit Code	Unit Title
AHCMOM401	Conduct major repair and overhaul of machinery and equipment

### Merchandising and sales

Unit Code	Unit Title
AHCMER401	Coordinate customer service and networking activities
AHCMER402	Provide advice and sell machinery
AHCMER403	Provide advice and sell farm chemicals
AHCMER404	Provide advice on agronomic products
AHCMER405	Provide advice on livestock products
AHCMER406	Provide information on fertilisers and soil ameliorants

### Milk harvesting

Unit Code	Unit Title
AHCMKH401	Carry out cleaning-time tests of milking machines
AHCMKH402	Design and fabricate milking equipment installations
AHCMKH403	Design and install enterprise milk cooling and storage
AHCMKH404	Install milking equipment

AHCMKH405	Performance test milking machines
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### Organic production

Unit Code	Unit Title
AHCORG401	Manage biodynamic production
AHCORG402	Manage organic livestock production
AHCORG403	Manage organic soil improvement

### Plants

Unit Code	Unit Title
AHCPCM402	Develop a soil health and plant nutrition program

### Shearing

Unit Code	Unit Title
AHCSHG401	Apply advanced shearing techniques
AHCSHG402	Conduct equipment experting for machine shearing
AHCSHG403	Account for shearing shed supplies
AHCSHG405	Arrange employment for shearing operations
AHCSHG406	Prepare shearing team wages

### Soils and media

Unit Code	Unit Title
AHCSOL401	Sample soils and interpret results
AHCSOL402	Develop a soil use map for a property
AHCSOL403	Prepare acid sulphate soil management plans
AHCSOL404	Supervise acid sulphate soil remediation and management projects

### Wool

Unit Code	Unit Title
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AHCWOL401	Determine wool classing strategies
AHCWOL402	Use individual fleece measurements to prepare wool for sale
AHCWOL403	Prepare for, implement and review wool harvesting, clip preparation and classing
AHCWOL404	Establish work routines and manage wool harvesting and preparation staff

### Work

Unit Code	Unit Title
AHCWRK401	Implement and monitor quality assurance procedures
AHCWRK402	Provide information on issues and policies
AHCWRK403	Supervise work routines and staff performance
PSPPM402B	Manage simple projects
MSL913002	Plan and conduct laboratory/field work
SRXGRO002A	Deal with conflict
TAEDEL301	Provide work skill instruction

## Qualification Mapping Information

This qualification is equivalent to AHC40110 Certificate IV in Agriculture.

### Links

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