

# AHC10 QUALIFICATIONS AND AUSTRALIAN APPRENTICESHIPS GUIDE

## AGRICULTURE

The first version of the **Agriculture, Horticulture and Conservation and Land Management (AHC10) Training Package** was released in June 2011 and marked the end of a number of years of work in merging three standalone, industry specific training documents. Since the initial release, a series of changes have been made to the Training Package (qualifications modified, qualifications added) which has resulted in the endorsement and publication of several updated versions of the document. The latest release, **AHC10 - Version 8**, was endorsed by the National Skills Standards Council (NSSC) in December 2013 and published in the same month. The Training Package is under constant review by the various industry stakeholders and, from time to time, amendments will be made to reflect current work practices and the changing needs of the industry. More detailed information about the role, structure and implementation of Training Packages can be obtained from the websites of the organisations listed below. Copies of all current qualifications and ancillary information can be downloaded from the Rural Skills Australia website.

| Organisation              | Website Address  |
|---------------------------|--|
| Rural Skills Australia    | <a href="http://www.ruralskills.com.au">www.ruralskills.com.au</a>       |
| Training.gov.au *         | <a href="http://www.training.gov.au">www.training.gov.au</a>             |
| AgriFood Skills Australia | <a href="http://www.agrifoodskills.net.au">www.agrifoodskills.net.au</a> |

(\* Undertaking a role which was formerly the responsibility of the National Training Information Service (NTIS))

This document focuses on training in the agricultural industry and is part of a much larger document that provides information about all other industry sectors in the **AHC10 Training Package** including:

- \* - **Horticulture**
- \* - **Production Horticulture**
- \* - **Conservation and Land Management**
- \* - **Services:** *Agribusiness, Beekeeping, Commercial Seed Processing, Commercial Composting, Conservation Earthworks, Feedlot, Irrigation, Rural Machinery, Rural Merchandising, Rural Operations, Seed Production, Seed Testing, Shearing, Wool Classing and Wool Handling.*

Details about the training available in these industry sectors can also be found on the Rural Skills Australia website.

The **agricultural industry** offers five general qualifications – one at each level from Certificate II to Advanced Diploma. Sector specific qualifications are also available in Dairying, Horse Breeding, Organic Farming, Pork Production and Poultry Production at various levels.

**The Agricultural and Horticultural Australian Apprenticeships Adviser Program Project is funded by the Australian Government Department of Industry through the Australian Apprenticeships Mentoring Program.**

### Disclaimers

1. The views and opinions expressed in this document are those of Rural Industry Trainee Association Inc. and do not necessarily reflect the views of the Australian Government or State and Territory Governments.

2. This Guide is provided for information purposes only. Rural Skills Australia will not accept responsibility or liability for the accuracy or authenticity of the contents of this Guide. The information is provided on the basis that persons using the Guide undertake responsibility for assessing the relevance and accuracy of its content. The eventual availability of specific Australian Apprenticeships pathways across States and Territories will be dependent on required processes being initiated and finalised within individual jurisdictions.



# AHC10 QUALIFICATIONS AND AUSTRALIAN APPRENTICESHIPS GUIDE

## AGRICULTURE

### CONTENTS

The **agricultural industry** offers five general qualifications – one at each level from Certificate II to Advanced Diploma. Sector specific qualifications are available in Dairying, Horse Breeding, Organic Farming, Pork Production and Poultry Production at various levels.

### QUALIFICATION INDEX

| <b>Code</b> | <b>Qualification</b>                                     | <b>Details Page</b> |
|-------------|--|---------------------|
| AHC20110    | Certificate II in Agriculture                            | 3                   |
| AHC20210    | <i>Certificate II in Poultry Production Operations</i>   | 7                   |
| AHC30110    | Certificate III in Agriculture                           | 9                   |
| AHC30210    | <i>Certificate III in Agriculture (Dairy Production)</i> | 14                  |
| AHC30310    | <i>Certificate III in Horse Breeding</i>                 | 16                  |
| AHC30410    | <i>Certificate III in Pork Production</i>                | 18                  |
| AHC30510    | <i>Certificate III in Poultry Production</i>             | 20                  |
| AHC40110    | Certificate IV in Agriculture                            | 22                  |
| AHC40210    | <i>Certificate IV in Poultry Production</i>              | 26                  |
| AHC41612    | <i>Certificate IV in Organic Farming</i>                 | 28                  |
| AHC50110    | Diploma of Agriculture                                   | 30                  |
| AHC50213    | <i>Diploma of Pork Production</i>                        | 33                  |
| AHC51812    | <i>Diploma of Organic Farming</i>                        | 34                  |
| AHC60110    | Advanced Diploma of Agriculture                          | 36                  |

### ADDITIONAL INFORMATION

|   |    |
|---|----|
| - What is a Training Package?               | 37 |
| - How To Gain a Qualification               | 37 |
| - The Importance of Gaining a Qualification | 38 |
| - What is Skills Recognition?               | 38 |
| - Rural Skills Australia - Contact Details  | 39 |
| - Qualification Pathways for Agriculture    | 40 |



# CERTIFICATE II IN AGRICULTURE - (AHC20110)

## QUALIFICATION NOTES

This qualification provides an entry level occupational outcome in agriculture.

The qualification enables individuals to select a livestock production or cropping context as a job focus or, in the case of mixed farming enterprises, both.

### ***Job titles may include:***

Assistant animal attendant/stockperson  
Assistant Farm or Station hand  
Assistant Farm or Station worker  
Assistant Farm or Station labourer

## PACKAGING RULES

Completion of **seventeen (17) units** made up of:

- a) two (2) core units
- b) a minimum of seven (7) units must come from elective group A
- c) a minimum of five (5) units must come from elective groups A or B
- d) a maximum of three (3) units may be selected from units aligned to Certificates II or III in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agriculture.

## CORE UNITS

### Occupational Health and Safety

|   | <b>NOTES</b> |
|---|--------------|
| AHCOHS201A - Participate in OHS processes |              |

### Work

|  |  |
|--|--|
| AHCWRK209A - Participate in environmentally sustainable work practices |  |
|--|--|

## ELECTIVE UNITS GROUP A

### Biosecurity

|  |  |
|--|--|
| AHCBIO201A - Inspect and clean machinery for plant, animal and soil material |  |
| AHCBIO202A - Follow site quarantine procedures                               |  |

### Broad Acre Cropping

|   |  |
|---|--|
| AHCBAC201A - Assist agricultural crop establishment |  |
| AHCBAC202A - Assist agricultural crop maintenance   |  |
| AHCBAC203A - Assist agricultural crop harvesting    |  |

### Chemicals

|  |  |
|--|--|
| AHCCHM201A - Apply chemicals under supervision |  |
|--|--|

### First Aid

|  |  |
|--|--|
| HLTAID002 - Provide basic emergency life support |  |
|--|--|

### Infrastructure

|  |  |
|--|--|
| AHCINF201A - Carry out basic electric fencing operations |  |
| AHCINF202A - Install, maintain and repair fencing        |  |
| AHCINF203A - Maintain properties and structures          |  |

|   |  |
|---|--|
| AHCINF204A - Fabricate and repair metal or plastic structures |  |
|---|--|

### **Irrigation**

|  |  |
|--|--|
| AHCIRG201A - Assist with the operation of gravity fed irrigation |  |
| AHCIRG204A - Lay irrigation and/or drainage pipes                |  |

### **Livestock**

|   |  |
|---|--|
| AHCLSK202A - Care for health and welfare of livestock |  |
| AHCLSK203A - Carry out birthing duties                |  |
| AHCLSK204A - Carry out regular livestock observation  |  |
| AHCLSK205A - Handle livestock using basic techniques  |  |
| AHCLSK206A - Identify and mark livestock              |  |
| AHCLSK207A - Load and unload livestock                |  |
| AHCLSK208A - Monitor livestock to parturition         |  |
| AHCLSK209A - Monitor water supplies                   |  |
| AHCLSK210A - Muster and move livestock                |  |
| AHCLSK211A - Provide feed for livestock               |  |

### **Machinery Operation and Maintenance**

|   |  |
|---|--|
| AHCMOM201A - Operate two wheel motorbikes                   |  |
| AHCMOM202A - Operate tractors                               |  |
| AHCMOM203A - Operate basic machinery and equipment          |  |
| AHCMOM204A - Undertake operational maintenance of machinery |  |
| AHCMOM205A - Operate vehicles                               |  |
| AHCMOM212A - Operate quad bikes                             |  |
| FPICOT2234B - Operate 4x4 vehicle                           |  |

### **Pest Management**

|  |  |
|--|--|
| AHCPMG201A - Treat weeds                               |  |
| AHCPMG202A - Treat plant pests, diseases and disorders |  |

### **Tools and Equipment**

|  |  |
|--|--|
| MEM18001C - Use hand tools                       |  |
| MEM18002B - Use power tools/hand held operations |  |

### **Work**

|  |  |
|--|--|
| AHCWRK201A - Observe and report on weather                       |  |
| AHCWRK203A - Operate in isolated and remote situations           |  |
| AHCWRK204A - Work effectively in the industry                    |  |
| AHCWRK205A - Participate in workplace communications             |  |
| AHCWRK206A - Observe enterprise quality assurance procedures     |  |
| AHCWRK207A - Collect and record production data                  |  |
| TLID1001A - Shift materials safely using manual handling methods |  |

## **ELECTIVE UNITS GROUP B**

### **Artificial Insemination**

|   |  |
|---|--|
| AHCAIS201A - Assist with artificial insemination procedures |  |
|---|--|

### **Beekeeping**

|  |  |
|--|--|
| AHCBEK201A - Support beekeeping work       |  |
| AHCBEK202A - Use a bee smoker              |  |
| AHCBEK203A - Open and reassemble a beehive |  |
| AHCBEK204A - Construct and repair beehives |  |

### **Broad Acre Cropping**

|                                     |  |
|-------------------------------------|--|
| AHCBAC204A - Prepare grain storages |  |
|-------------------------------------|--|

|   |  |
|---|--|
| AHCBAC205A - Operate cane haulage vehicle |  |
|---|--|

### **Dairy**

|                             |  |
|-----------------------------|--|
| AHCDRY201A - Milk livestock |  |
|-----------------------------|--|

### **Drainage**

|  |  |
|--|--|
| AHCDRG201A - Maintain drainage systems |  |
|--|--|

### **Horse Breeding**

|  |  |
|--|--|
| AHCHBR201A - Monitor horse health and welfare                        |  |
| AHCHBR202A - Handle young horses                                     |  |
| AHCHBR203A - Provide daily care for horses                           |  |
| AHCHBR204A - Assist with mating procedures and parturition of horses |  |

### **Irrigation**

|  |  |
|--|--|
| AHCIRG202A - Assist with the operation of pressurised irrigation |  |
| AHCIRG205A - Maintain gravity-fed irrigation systems             |  |
| AHCIRG206A - Maintain pressurised irrigation systems             |  |

### **Livestock**

|   |  |
|---|--|
| AHCLSK201A - Assist with feeding in a production system         |  |
| AHCLSK212A - Ride horses to carry out stock work                |  |
| AHCLSK213A - Clean out production sheds                         |  |
| AHCLSK214A - Maintain production growing environments           |  |
| AHCLSK215A - Carry out alpaca handling and husbandry operations |  |

### **Machinery Operation and Maintenance**

|   |  |
|---|--|
| AHCMOM206A - Conduct grader operations            |  |
| AHCMOM207A - Conduct front-end loader operations  |  |
| AHCMOM208A - Conduct excavator operations         |  |
| AHCMOM209A - Conduct dozer operations             |  |
| AHCMOM210A - Conduct scraper operations           |  |
| TLILIC2001A - Licence to operate a forklift truck |  |
| TLID2022A - Conduct weighbridge operations        |  |

### **Pork Production**

|  |  |
|--|--|
| AHCPRK201A - Care for health and welfare of pigs |  |
| AHCPRK202A - Care for weaner and grower pigs     |  |
| AHCPRK203A - Move and handle pigs                |  |

### **Poultry**

|  |  |
|--|--|
| AHCPLY201A - Collect store and handle eggs from breeder flocks |  |
| AHCPLY202A - Maintain health and welfare of poultry            |  |
| AHCPLY203A - Set up shed for placement of day-old chickens     |  |
| AHCPLY204A - Collect and pack eggs for human consumption       |  |

### **Production Horticulture**

|  |  |
|--|--|
| AHCPHT201A - Plant horticultural crops             |  |
| AHCPHT202A - Carry out canopy maintenance          |  |
| AHCPHT203A - Support horticultural crop harvesting |  |
| AHCPHT205A - Carry out postharvest operations      |  |

### **Shearing**

|   |  |
|---|--|
| AHCSHG201A - Crutch sheep                                   |  |
| AHCSHG202A - Assist in preparing for shearing and crutching |  |
| AHCSHG203A - Shear sheep to novice level                    |  |
| AHCSHG204A - Shear sheep to improver level                  |  |

|  |  |
|--|--|
| AHCSHG205A - Grind combs and cutters for machine shearing        |  |
| AHCSHG206A - Prepare handpiece and downtube for machine shearing |  |
| AHCSHG207A - Shear goats   |  |
| AHCSHG208A - Shear alpacas                                       |  |
| AHCSHG209A - Support alpaca shearing operations                  |  |

### **Soil and Water Conservation**

|  |  |
|--|--|
| AHCSAW201A - Conduct erosion and sediment control activities |  |
|--|--|

### **Soils and Media**

|  |  |
|--|--|
| AHCSOL201A - Determine basic properties of soil and/or growing media |  |
|--|--|

### **Vertebrate Pests**

|   |  |
|---|--|
| AHCVPT201A - Clear features that harbour pest animals |  |
| AHCVPT202A - Muster pest animals                      |  |
| AHCVPT203A - Use firearms to humanely destroy animals |  |

### **Water**

|   |  |
|---|--|
| AHCWAT201A - Set up, operate and maintain water delivery system for compost |  |
|---|--|

### **Wool**

|  |  |
|--|--|
| AHCWOL201A - Pen sheep                                 |  |
| AHCWOL202A - Perform board duties                      |  |
| AHCWOL203A - Carry out wool pressing                   |  |
| AHCWOL204A - Undertake basic skirting of alpaca fleece |  |

## **CERTIFICATE II IN POULTRY PRODUCTION OPERATIONS - (AHC20210)**

### **QUALIFICATION NOTES**

This qualification provides an entry level occupational outcome in poultry production. The poultry industry expects this qualification to be achieved to meet job outcomes at this level.

#### ***Job titles may include:***

Broiler farm employee  
Egg farm poultry hand  
Free range egg/broiler farm worker  
Breeder farm worker  
Hatchery worker

### **PACKAGING RULES**

Completion of **fifteen (15) units** made up of:

- a) six (6) core units
- b) a minimum of six (6) elective units
- c) a maximum of three (3) units must come from the elective units list or from units aligned to Certificates II or III in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the poultry industry.

### **CORE UNITS**

#### **Occupational Health and Safety**

|   | <b>NOTES</b> |
|---|--------------|
| AHCOHS201A - Participate in OHS processes |              |

#### **Poultry**

|   |  |
|---|--|
| AHCPLY202A - Maintain health and welfare of poultry |  |
|---|--|

#### **Livestock**

|   |  |
|---|--|
| AHCLSK209A - Monitor water supplies     |  |
| AHCLSK213A - Clean out production sheds |  |

#### **Work**

|  |  |
|--|--|
| AHCWRK206A - Observe enterprise quality assurance procedures |  |
|--|--|

#### **Biosecurity**

|   |  |
|---|--|
| AHC BIO202A - Follow safe quarantine procedures |  |
|---|--|

### **ELECTIVE UNITS**

#### **Chemicals**

|  |  |
|--|--|
| AHCCHM201A - Apply chemicals under supervision |  |
|--|--|

#### **Livestock**

|   |  |
|---|--|
| AHCLSK201A - Assist with feeding in a production system |  |
| AHCLSK214A - Maintain production growing environments   |  |

#### **Poultry**

|   |  |
|---|--|
| AHCPLY201A - Collect, store and handle eggs from breeder flocks |  |
| AHCPLY202A - Maintain health and welfare of poultry             |  |
| AHCPLY203A - Set up shed for placement of day-old chickens      |  |
| AHCPLY204A - Collect and pack eggs for human consumption        |  |
| AHCPLY302A - Brood poultry                                      |  |
| AHCPLY303A - Identify and sex birds                             |  |

|                                 |  |
|---------------------------------|--|
| AHCPLY304A - Incubate eggs      |  |
| AHCPLY305A - Beak trim chickens |  |

### **Broad Acre Cropping**

|                                     |  |
|-------------------------------------|--|
| AHCBAC204A - Prepare grain storages |  |
|-------------------------------------|--|

### **Food**

|  |  |
|--|--|
| FDFOP2003A - Clean equipment in place  |  |
| FDFOP2004A - Clean and sanitize equipment  |  |
| FDFTEC3001A - Participate in a HACCP team*<br>* Pre-requisite: FDFFS2001A - Implement the food safety program and procedures |  |

### **Machinery Operation and Maintenance**

|   |  |
|---|--|
| AHCMOM202A - Operate tractors                               |  |
| AHCMOM204A - Undertake operational maintenance of machinery |  |
| AHCMOM212A - Operate quad bikes                             |  |
| TLILIC2001A - Licence to operate a forklift truck           |  |

### **Work**

|  |  |
|--|--|
| AHCWRK201A - Observe and report on weather                             |  |
| AHCWRK203A - Operate in isolated and remote situations                 |  |
| AHCWRK204A - Work effectively in the industry                          |  |
| AHCWRK205A - Participate in workplace communications                   |  |
| AHCWRK206A - Observe enterprise quality assurance procedures           |  |
| AHCWRK207A - Collect and record production data                        |  |
| AHCWRK209A - Participate in environmentally sustainable work practices |  |
| TLID1001A - Shift materials safely using manual handling methods       |  |

## CERTIFICATE III IN AGRICULTURE - (AHC30110)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in agriculture. The qualification enables individuals to select a livestock production or cropping context as a job focus or, in the case of mixed farming enterprises, both.

#### ***Job titles may include:***

Farm or Station hand  
Farm or Station worker

### PACKAGING RULES

Completion of **sixteen (16) units** made up of:

- a) two (2) core units
- b) a minimum of five (5) units from elective group A
- c) a minimum of five (5) units from elective groups A or B
- d) a maximum of four (4) units may be selected from units aligned to Certificates II, III or IV in AHC10 or from any other currently endorsed training package or accredited course.  
Selected units must be relevant to job outcomes in agriculture.

### CORE UNITS

#### Occupational Health and Safety

|  | <b>NOTES</b> |
|--|--------------|
| AHCOHS301A - Contribute to OHS processes |              |

#### Work

|   |  |
|---|--|
| AHCWRK313A - Implement and monitor environmentally sustainable work practices |  |
|---|--|

### ELECTIVE UNITS GROUP A

#### Agribusiness

|   |  |
|---|--|
| AHCAGB301A - Keep records for a primary production business |  |
|---|--|

#### Biosecurity

|   |  |
|---|--|
| AHC BIO301A - Work effectively in an emergency disease or plant pest response                   |  |
| AHC BIO302A - Identify and report unusual disease or plant pest signs                           |  |
| AHC BIO303A - Carry out emergency disease or plant pest control procedures at infected premises |  |
| AHC BIO304A - Carry out movement and security procedures  |  |
| AHC BIO305A - Monitor and review biosecurity measures   |  |

#### Broad Acre Cropping

|  |  |
|--|--|
| AHC BAC301A - Conserve forage  |  |
| AHC BAC302A - Establish pastures and crops for livestock production          |  |
| AHC BAC303A - Prepare to receive grains/seeds                                |  |
| AHC BAC304A - Test grains/seeds on receipt                                   |  |
| AHC BAC305A - Undertake preparation of land for agricultural crop production |  |
| AHC BAC306A - Establish agricultural crops                                   |  |
| AHC BAC307A - Maintain agricultural crops                                    |  |
| AHC BAC308A - Undertake agricultural crop harvesting activities              |  |
| AHC BAC309A - Sample and test grain and related commodities                  |  |

#### Business

|   |  |
|---|--|
| AHCBUS301A - Use hand held e-business tools             |  |
| BSBFIA301A - Maintain financial records                 |  |
| BSBINM201A - Process and maintain workplace information |  |
| BSBITU203A - Communicate electronically                 |  |
| BSBITU306A - Design and produce business documents      |  |
| BSBWOR204A - Use business technology                    |  |

### **Chemicals**

|   |  |
|---|--|
| AHCCHM301A - Conduct fumigation in enclosed spaces                          |  |
| AHCCHM302A - Fumigate soil using chemicals                                  |  |
| AHCCHM303A - Prepare and apply chemicals                                    |  |
| AHCCHM304A - Transport, handle and store chemicals                          |  |
| AHCCHM305A - Conduct manual fumigation of vertebrate and invertebrate pests |  |

### **First Aid**

|   |  |
|---|--|
| HLTAID003 - Apply first aid                       |  |
| HLTAID005 - Provide first aid in remote situation |  |

### **Infrastructure**

|  |  |
|--|--|
| AHCINF301A - Implement property improvement, construction and repair |  |
| AHCINF302A - Plan and construct an electric fence                    |  |
| AHCINF303A - Plan and construct conventional fencing                 |  |

### **Irrigation**

|   |  |
|---|--|
| AHCIRG301A - Implement a maintenance program for an irrigation system |  |
| AHCIRG304A - Operate gravity fed irrigation systems                   |  |
| AHCIRG305A - Operate pressurised irrigation systems                   |  |
| AHCIRG306A - Troubleshoot irrigation systems                          |  |

### **Livestock**

|   |  |
|---|--|
| AHCLSK301A - Administer medication to livestock               |  |
| AHCLSK305A - Maintain livestock water supplies                |  |
| AHCLSK308A - Identify and draft livestock                     |  |
| AHCLSK309A - Implement animal health control programs         |  |
| AHCLSK311A - Implement feeding plans for livestock            |  |
| AHCLSK314A - Prepare animals for parturition                  |  |
| AHCLSK318A - Rear newborn and young livestock                 |  |
| AHCLSK323A - Maintain and monitor feed stocks                 |  |
| AHCLSK324A - Care for and train working dogs                  |  |
| AHCLSK325A - Castrate livestock                               |  |
| AHCLSK331A - Comply with industry animal welfare requirements |  |

### **Machinery Operation and Maintenance**

|   |  |
|---|--|
| AHCMOM301A - Coordinate machinery and equipment maintenance and repair      |  |
| AHCMOM302A - Perform machinery maintenance                                  |  |
| AHCMOM304A - Operate machinery and equipment                                |  |
| AHCMOM305A - Operate specialised machinery and equipment                    |  |
| AHCMOM306A - Ground spread fertiliser and soil ameliorant                   |  |
| AHCMOM308A - Operate broadacre and row crop harvest machinery and equipment |  |
| AHCMOM309A - Operate broadacre sowing machinery and equipment               |  |
| AHCMOM312A - Operate row crop planting and seeding machinery & equipment    |  |

### **Merchandising and Sales**

|  |  |
|--|--|
| AHCMER301A - Process customer complaints |  |
|--|--|

### **Pest Management**

|  |  |
|--|--|
| AHCPMG301A - Control weeds                               |  |
| AHCPMG302A - Control plant pests, diseases and disorders |  |

## Work

|  |  |
|--|--|
| AHCWRK301A - Collect samples for a rural production or horticulture monitoring program |  |
| AHCWRK302A - Monitor weather conditions  |  |
| AHCWRK303A - Respond to emergencies  |  |
| AHCWRK305A - Coordinate work site activities   |  |
| AHCWRK306A - Comply with industry quality assurance requirements                       |  |
| AHCWRK308A - Handle bulk materials in storage area                                     |  |
| AHCWRK311A - Conduct site inspections  |  |

## ELECTIVE UNITS GROUP B

### Artificial Insemination

|  |  |
|--|--|
| AHCAIS301A - Collect semen                     |  |
| AHCAIS302A - Process and store semen           |  |
| AHCAIS303A - Artificially inseminate livestock |  |

### Drainage

|                                       |  |
|---------------------------------------|--|
| AHCDRG301A - Install drainage systems |  |
|---------------------------------------|--|

### Fire

|  |  |
|--|--|
| PUAFIR204B - Respond to wildfire *<br>* <i>Pre-requisite: PUAFIR215 - Prevent injury</i> |  |
| CPPFES2005A - Demonstrate first attack fire fighting equipment                           |  |

### Horse Breeding

|  |  |
|--|--|
| AHCHBR302A - Carry out basic hoof care procedures                        |  |
| AHCHBR303A - Carry out mare mating or artificial insemination procedures |  |
| AHCHBR304A - Educate, ride and care for horses and equipment             |  |
| AHCHBR305A - Handle and care for stallions                               |  |
| AHCHBR306A - Prevent and treat equine injury and disease                 |  |
| AHCHBR307A - Assess suitability of horses for stock work                 |  |

### Hydroponics

|   |  |
|---|--|
| AHCHYD301A - Implement a maintenance program for hydroponic systems |  |
| AHCHYD302A - Install hydroponic systems                             |  |

### Livestock

|   |  |
|---|--|
| AHCLSK302A - Mate and monitor reproduction of alpacas   |  |
| AHCLSK303A - Carry out feedlot operations   |  |
| AHCLSK304A - Carry out post-mortem examination of livestock   |  |
| AHCLSK306A - Coordinate and monitor production performance  |  |
| AHCLSK307A - Euthanase livestock  |  |
| AHCLSK310A - Implement feeding plans for intensive production                                       |  |
| AHCLSK312A - Coordinate artificial insemination and fertility management of livestock               |  |
| AHCLSK313A - Monitor livestock production growing environments                                      |  |
| AHCLSK315A - Prepare for and implement natural mating of livestock                                  |  |
| AHCLSK316A - Prepare livestock for competition  |  |
| AHCLSK317A - Plan to exhibit livestock  |  |
| AHCLSK319A - Slaughter livestock  |  |
| AHCLSK320A - Coordinate and monitor livestock transport   |  |
| AHCLSK321A - Service and repair bores and windmills   |  |
| AHCLSK322A - Transport farm produce or bulk materials   |  |
| AHCLSK326A - Mix and mill standard stock feed   |  |
| AHCLSK327A - Collect, store and administer colostrum  |  |
| AHCLSK328A - Remove and facilitate reuse of effluent and manure from an intensive production system |  |
| AHCLSK329A - Implement procedures for calving   |  |
| AHCLSK330A - Implement procedures for foaling down mares  |  |
| AHCLSK332A - Monitor animals in intensive production systems  |  |

|  |  |
|--|--|
| AHCLSK333A - Monitor pen condition and ration suitability                  |  |
| AHCLSK334A - Plan, prepare and conduct mulesing procedures                 |  |
| AHCLSK335A - Conduct dropped ovary technique procedures for spaying cattle |  |

### **Machinery Operation and Maintenance**

|  |  |
|--|--|
| AHCMOM202A - Operate tractors  |  |
| AHCMOM206A - Conduct grader operations                               |  |
| AHCMOM207A - Conduct front-end loader operations                     |  |
| AHCMOM307A - Operate a cane harvester                                |  |
| AHCMOM310A - Operate land-forming machinery and equipment            |  |
| AHCMOM311A - Operate precision control technology                    |  |
| AHCMOM313A - Operate mobile irrigation machinery and equipment       |  |
| AHCMOM314A - Transport machinery                                     |  |
| AHCMOM315A - Operate chemical application machinery and equipment    |  |
| RIIMPO318D - Conduct civil construction skid steer loader operations |  |
| RIIMPO319D - Conduct backhoe/loader operations                       |  |
| RIIMPO324D - Conduct civil construction grader operations            |  |
| TLILIC2001A - Licence to operate a forklift truck                    |  |

### **Parks and Gardens**

|   |  |
|---|--|
| AHCPGD402A – Plan a plant establishment program |  |
|---|--|

### **Plants**

|  |  |
|--|--|
| AHPCPM301A - Implement a plant nutrition program             |  |
| AHPCPM302A - Provide information on plants and their culture |  |
| AHPCPM303A - Identify plant specimens                        |  |

### **Production Horticulture**

|   |  |
|---|--|
| AHCPHT301A - Carry out a crop regulation program      |  |
| AHCPHT303A - Implement a post-harvest program         |  |
| AHCPHT304A - Harvest horticultural crops mechanically |  |
| AHCPHT305A - Regulate crops                           |  |
| AHCPHT306A - Establish horticultural crops            |  |
| AHCPHT310A - Coordinate horticultural crop harvesting |  |

### **Shearing**

|   |  |
|---|--|
| AHCSHG301A - Prepare livestock for shearing                 |  |
| AHCSHG302A - Prepare combs and cutters for machine shearing |  |
| AHCSHG306A - Carry out post-shearing procedures             |  |
| AHCSHG307A - Plan and prepare for alpaca shearing           |  |

### **Soils and Media**

|   |  |
|---|--|
| AHCSOL401A - Sample soils and interpret results |  |
|---|--|

### **Tools and Equipment**

|   |  |
|---|--|
| AHCTEQ301A - Install and terminate extra low voltage wiring systems   |  |
| MEM05004C - Perform routine oxy acetylene welding   |  |
| MEM05007C - Perform manual heating and thermal cutting  |  |
| MEM05049B - Perform routine gas tungsten arc welding  |  |
| MEM05050B - Perform routine gas metal welding   |  |
| MEM05012C - Perform routine manual metal arc welding  |  |
| MEM05015D - Weld using manual metal arc welding process*<br>* Pre-requisites:<br>MEM05012C - Perform routine manual metal arc welding<br>MEM05051A - Select welding processes<br>MEM05052A - Apply safe welding practices<br>MEM12023A - Perform engineering measurements<br>MEM18001C - Use hand tools |  |

|           |  |  |
|-----------|--|--|
|           | <i>MEM18002B - Use power tools/hand held operations</i>  |  |
| MEM05017D | - Weld using gas metal arc welding process*<br>* <i>Pre-requisites:</i><br><i>MEM05050B - Perform routine gas metal arc welding</i><br><i>MEM05051A - Select welding processes</i><br><i>MEM05052A - Apply safe welding practices</i><br><i>MEM12023A - Perform engineering measurements</i><br><i>MEM18001C - Use hand tools</i><br><i>MEM18002B - Use power tools/hand held operations</i>       |  |
| MEM05019D | - Weld using gas tungsten arc welding process*<br>* <i>Pre-requisites:</i><br><i>MEM05049B - Perform routine gas tungsten arc welding</i><br><i>MEM05051A - Select welding processes</i><br><i>MEM05052A - Apply safe welding practices</i><br><i>MEM12023A - Perform engineering measurements</i><br><i>MEM18001C - Use hand tools</i><br><i>MEM18002B - Use power tools/hand held operations</i> |  |

### **Vertebrate Pests**

|  |  |
|--|--|
| AHCVPT302A - Implement vertebrate pest control program |  |
|--|--|

### **Wool**

|  |  |
|--|--|
| AHCWOL304A - Prepare fleece wool for classing              |  |
| AHCWOL308A - Prepare facilities for shearing and crutching |  |
| AHCWOL310A - Press wool for a clip                         |  |
| AHCWOL311A - Perform shed duties                           |  |
| AHCWOL312A - Class goat fibre                              |  |
| AHCWOL313A - Class alpaca fleece                           |  |

# **CERTIFICATE III IN AGRICULTURE (DAIRY PRODUCTION) - (AHC30210)**

## **QUALIFICATION NOTES**

This qualification provides a vocational outcome in dairying. The dairy industry expects this qualification to be achieved to meet job outcomes at this level.

### ***Job titles may include:***

Dairy farmhand

## **PACKAGING RULES**

Completion of **seventeen (17) units** made up of:

- a) eleven (11) core units
- b) a minimum of three (3) units from the elective units list
- c) a maximum of three (3) units from the elective units or from units aligned to Certificates II, III or IV in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in dairying.

## **CORE UNITS**

### **Occupational Health and Safety**

|  | <b>NOTES</b> |
|--|--------------|
| AHCOHS301A - Contribute to OHS processes |              |

### **Broad Acre Cropping**

|  |  |
|--|--|
| AHCBAC302A - Establish pastures and crops for livestock production |  |
|--|--|

### **Chemicals**

|  |  |
|--|--|
| AHCCHM303A - Prepare and apply chemicals           |  |
| AHCCHM304A - Transport, handle and store chemicals |  |

### **Dairy**

|  |  |
|--|--|
| AHCDRY301A - Coordinate milking operations |  |
|--|--|

### **Infrastructure**

|   |  |
|---|--|
| AHCINF302A - Plan and construct an electric fence |  |
|---|--|

### **Livestock**

|   |  |
|---|--|
| AHCLSK309A - Implement animal health control programs |  |
| AHCLSK311A - Implement feeding plans for livestock    |  |
| AHCLSK318A - Rear newborn and young livestock         |  |
| AHCLSK329A - Implement procedures for calving         |  |

### **Work**

|                                     |  |
|-------------------------------------|--|
| AHCWRK303A - Respond to emergencies |  |
|-------------------------------------|--|

## **ELECTIVE UNITS**

### **Artificial Insemination**

|  |  |
|--|--|
| AHCAIS303A - Artificially inseminate livestock |  |
|--|--|

### **Broad Acre Cropping**

|   |  |
|---|--|
| AHCBAC301A - Conserve forage  |  |
| AHCBAC305A - Undertake preparation of land for agricultural crop production |  |
| AHCBAC306A - Establish agricultural crops                                   |  |
| AHCBAC307A - Maintain agricultural crops                                    |  |
| AHCBAC308A - Undertake agricultural crop harvesting activities              |  |

### **Dairy**

|   |  |
|---|--|
| AHCDRY302A - Operate a dairy recycling system |  |
|---|--|

### **Infrastructure**

|  |  |
|--|--|
| AHCINF301A - Implement property improvement, construction and repair |  |
| AHCINF303A - Plan and construct conventional fencing                 |  |

### **Irrigation**

|   |  |
|---|--|
| AHCIRG301A - Implement a maintenance program for an irrigation system |  |
| AHCIRG304A - Operate gravity fed irrigation systems                   |  |
| AHCIRG305A - Operate pressurised irrigation systems                   |  |

### **Livestock**

|   |  |
|---|--|
| AHCLSK301A - Administer medication to livestock   |  |
| AHCLSK305A - Maintain livestock water supplies  |  |
| AHCLSK308A - Identify and draft livestock   |  |
| AHCLSK312A - Coordinate artificial insemination and fertility management of livestock               |  |
| AHCLSK315A - Prepare for and implement natural mating of livestock                                  |  |
| AHCLSK320A - Coordinate and monitor livestock transport   |  |
| AHCLSK321A - Service and repair bores and windmills   |  |
| AHCLSK322A - Transport farm produce or bulk materials   |  |
| AHCLSK323A - Maintain and monitor feed stocks   |  |
| AHCLSK325A - Castrate livestock   |  |
| AHCLSK326A - Mix and mill standard stockfeed  |  |
| AHCLSK327A - Collect, store and administer colostrum  |  |
| AHCLSK328A - Remove and facilitate reuse of effluent and manure from an intensive production system |  |
| AHCLSK331A - Comply with industry animal welfare requirements                                       |  |

### **Machinery Operation and Maintenance**

|  |  |
|--|--|
| AHCMOM305A - Operate specialised machinery and equipment |  |
|--|--|

### **Plants**

|  |  |
|--|--|
| AHPCPM301A - Implement a plant nutrition program |  |
|--|--|

### **Work**

|  |  |
|--|--|
| AHCWRK301A - Collect samples for a rural production or horticulture monitoring program |  |
| AHCWRK302A - Monitor weather conditions  |  |
| AHCWRK305A - Coordinate work site activities   |  |
| AHCWRK306A - Comply with industry quality assurance requirements                       |  |
| AHCWRK310A - Provide on-job training support   |  |
| AHCWRK313A - Implement and monitor environmentally sustainable work practices          |  |

# **CERTIFICATE III IN HORSE BREEDING - (AHC30310)**

## **QUALIFICATION NOTES**

This qualification provides a vocational outcome in horse breeding. The horse breeding industry expects this qualification to be achieved to meet job outcomes at this level.

### ***Job titles may include:***

Stud farm worker

## **PACKAGING RULES**

Completion of **fifteen (15) units** made up of:

- a) one (1) core unit
- b) a minimum of four (4) units from elective group A
- c) a minimum of seven (7) units from elective groups A or B
- d) a maximum of three (3) units may be selected from units aligned to Certificates II, III or IV in AHC10  
or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the horse breeding industry.

## **CORE UNIT**

### **Occupational Health and Safety**

|  | <b>NOTES</b> |
|--|--------------|
| AHCOHS301A - Contribute to OHS processes |              |

## **ELECTIVE UNITS GROUP A**

### **Horse Breeding**

|  |  |
|--|--|
| AHCHBR302A - Carry out basic hoof care procedures                        |  |
| AHCHBR303A - Carry out mare mating or artificial insemination procedures |  |
| AHCHBR304A - Educate, ride and care for horses and equipment             |  |
| AHCHBR305A - Handle and care for stallions                               |  |
| AHCHBR306A - Prevent and treat equine injury and disease                 |  |
| AHCHBR307A - Assess suitability of horses for stock work                 |  |
| AHCHBR308A - Maintain horses in a healthy state and safe environment     |  |
| AHCHBR309A - Determine nutritional requirements for horses               |  |
| AHCHBR401A - Carry out stud stable management duties                     |  |
| AHCHBR402A - Supervise raising young horses                              |  |

### **Livestock**

|  |  |
|--|--|
| AHCLSK330A - Implement procedures for foaling down mares |  |
| AHCLSK417A - Manage horses for stock work                |  |

## **ELECTIVE UNITS GROUP B**

### **Broad Acre Cropping**

|  |  |
|--|--|
| AHCBAC301A - Conserve forage                                       |  |
| AHCBAC302A - Establish pastures and crops for livestock production |  |

### **Chemicals**

|  |  |
|--|--|
| AHCCHM303A - Prepare and apply chemicals           |  |
| AHCCHM304A - Transport, handle and store chemicals |  |

### **Infrastructure**

|  |  |
|--|--|
| AHCINF301A - Implement property improvement, construction and repair |  |
| AHCINF302A - Plan and construct an electric fence                    |  |
| AHCINF303A - Plan and construct conventional fencing                 |  |

### **Livestock**

|  |  |
|--|--|
| AHCLSK305A - Maintain livestock water supplies                     |  |
| AHCLSK311A - Implement feeding plans for livestock                 |  |
| AHCLSK315A - Prepare for and implement natural mating of livestock |  |
| AHCLSK320A - Coordinate and monitor livestock transport            |  |
| AHCLSK323A - Maintain and monitor feed stocks                      |  |

### **Machinery Operation and Maintenance**

|                                 |  |
|---------------------------------|--|
| AHCMOM202A - Operate tractors   |  |
| AHCMOM212A - Operate quad bikes |  |

### **Work**

|   |  |
|---|--|
| AHCWRK302A - Monitor weather conditions                                       |  |
| AHCWRK303A - Respond to emergencies   |  |
| AHCWRK305A - Coordinate work site activities                                  |  |
| AHCWRK306A - Comply with industry quality assurance requirements              |  |
| AHCWRK308A - Handle bulk materials in storage area                            |  |
| AHCWRK310A - Provide on-job training support                                  |  |
| AHCWRK313A - Implement and monitor environmentally sustainable work practices |  |

## CERTIFICATE III IN PORK PRODUCTION - (AHC30410)

### QUALIFICATION NOTES

This qualification provides a vocational outcome in the pork production industry. The pork industry expects this qualification to be achieved to meet job outcomes at this level.

*(NB: Legislation in some states mandates that stockpersons must be competent in euthanasing animals. The unit "AHCLSK307A – Euthanase animals" should be included in courses where this is required in the certificate outcome.)*

#### **Job titles may include:**

Stockperson  
Animal attendant

### PACKAGING RULES

Completion of **fifteen (15) units** made up of:

- a) one (1) core unit
- b) a minimum of six (6) units from elective group A
- c) a minimum of five (5) units from elective groups A or B
- d) a maximum of three (3) units may be selected from units aligned to Certificates II, III or IV in AHC10  
or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in pork production.

### CORE UNIT

#### Occupational Health and Safety

|  | <b>NOTES</b> |
|--|--------------|
| AHCOHS301A - Contribute to OHS processes |              |

### ELECTIVE UNITS GROUP A

#### Artificial Insemination

|                                      |  |
|--------------------------------------|--|
| AHCAIS302A - Process and store semen |  |
|--------------------------------------|--|

#### Livestock

|   |  |
|---|--|
| AHCLSK301A - Administer medication to livestock   |  |
| AHCLSK304A - Carry out post-mortem examination of livestock   |  |
| AHCLSK307A - Euthanase livestock  |  |
| AHCLSK308A - Identify and draft livestock   |  |
| AHCLSK309A - Implement animal health control programs   |  |
| AHCLSK310A - Implement feeding plans for intensive production                                       |  |
| AHCLSK313A - Monitor livestock production growing environments                                      |  |
| AHCLSK314A - Prepare animals for parturition  |  |
| AHCLSK318A - Rear newborn and young livestock   |  |
| AHCLSK323A - Maintain and monitor feed stocks   |  |
| AHCLSK327A - Collect, store and administer colostrum  |  |
| AHCLSK328A - Remove and facilitate reuse of effluent and manure from an intensive production system |  |
| AHCLSK331A - Comply with industry animal welfare requirements                                       |  |

#### Pork Production

|  |  |
|--|--|
| AHCPRK301A - Pregnancy test pigs           |  |
| AHCPRK302A - Treat rectal prolapse in pigs |  |

#### Work

|   |  |
|---|--|
| AHCWRK305A - Coordinate worksite activities                                   |  |
| AHCWRK313A - Implement and monitor environmentally sustainable work practices |  |

## **ELECTIVE UNITS GROUP B**

### **Livestock**

|  |  |
|--|--|
| AHCLSK303A - Carry out feedlot operations                          |  |
| AHCLSK305A - Maintain livestock water supplies                     |  |
| AHCLSK306A - Coordinate and monitor production performance         |  |
| AHCLSK311A - Implement feeding plans for livestock                 |  |
| AHCLSK315A - Prepare for and implement natural mating of livestock |  |
| AHCLSK316A - Prepare livestock for competition                     |  |
| AHCLSK319A - Slaughter livestock                                   |  |
| AHCLSK320A - Coordinate and monitor livestock transport            |  |
| AHCLSK322A - Transport farm produce or bulk materials              |  |
| AHCLSK325A - Castrate livestock                                    |  |
| AHCLSK326A - Mix and mill standard stock feed                      |  |

### **Pork Production**

|  |  |
|--|--|
| AHCPRK202A - Care for weaner and grower pigs           |  |
| AHCPRK303A - Artificially inseminate pigs              |  |
| AHCPRK304A - Mate pigs and monitor dry sow performance |  |

### **Vertebrate Pests**

|  |  |
|--|--|
| AHCVPT302A - Implement vertebrate pest control program |  |
|--|--|

## CERTIFICATE III IN POULTRY PRODUCTION - (AHC30510)

### QUALIFICATION NOTES

This qualification provides a vocational outcome in poultry production. The poultry production industry expects this qualification to be achieved to meet job outcomes at this level.

#### ***Job titles may include:***

Owner/manager broiler farm  
Egg farm supervisor  
Free range/broiler egg farm supervisor  
Hatchery supervisor

### PACKAGING RULES

Completion of **seventeen (17) units** made up of:

- a) nine (9) core units
- b) a minimum of five (5) elective units
- c) a maximum of three (3) units may be selected from the elective unit list or from units aligned to Certificates II, III or IV in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the poultry industry.

### CORE UNITS

#### Occupational Health and Safety

|  | <b>NOTES</b> |
|--|--------------|
| AHCOHS301A - Contribute to OHS processes |              |

#### Agribusiness

|  |  |
|--|--|
| AHCAGB301A - Keeps records for a primary production business |  |
|--|--|

#### Biosecurity

|  |  |
|--|--|
| AHCBIO302A - Identify and report unusual disease or plant pest signs |  |
|--|--|

#### Food

|  |  |
|--|--|
| FDFTFC3001A - Participate in a HACCP team*<br><i>* Prerequisite: FDFFS2001A - Implement the food safety program and procedures</i> |  |
|--|--|

#### Livestock

|   |  |
|---|--|
| AHCLSK304A - Carry out post-mortem examination of livestock |  |
| AHCLSK307A - Euthanase livestock                            |  |
| AHCLSK309A - Implement animal health control programs       |  |

#### Work

|   |  |
|---|--|
| AHCWRK306A - Comply with industry quality assurance requirements              |  |
| AHCWRK313A - Implement and monitor environmentally sustainable work practices |  |

### ELECTIVE UNITS

#### Chemicals

|  |  |
|--|--|
| AHCCHM303A - Prepare and apply chemicals           |  |
| AHCCHM304A - Transport, handle and store chemicals |  |

#### Livestock

|   |  |
|---|--|
| AHCLSK301A - Administer medication to livestock   |  |
| AHCLSK306A - Coordinate and monitor production performance  |  |
| AHCLSK310A - Implement feeding plans for intensive production                                       |  |
| AHCLSK313A - Monitor livestock production growing environments                                      |  |
| AHCLSK323A - Maintain and monitor feed stocks   |  |
| AHCLSK328A - Remove and facilitate reuse of effluent and manure from an intensive production system |  |

### **Poultry**

|  |  |
|--|--|
| AHCPLY301A - Artificially inseminate birds                 |  |
| AHCPLY302A - Brood poultry                                 |  |
| AHCPLY303A - Identify and sex birds                        |  |
| AHCPLY304A - Incubate eggs                                 |  |
| AHCPLY305A - Beak trim chickens                            |  |
| AHCPLY306A - Clean and fumigate intensive production sheds |  |

### **Machinery Operation and Maintenance**

|  |  |
|--|--|
| AHCMOM301A - Coordinate machinery and equipment maintenance and repair |  |
| AHCMOM304A - Operate machinery and equipment                           |  |

### **Work**

|  |  |
|--|--|
| AHCWRK310A - Provide on-job training support |  |
|--|--|

## CERTIFICATE IV IN AGRICULTURE - (AHC40110)

### QUALIFICATION NOTES

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.

#### ***Job titles may include:***

Farm team leader  
Farm supervisor  
Shed supervisor

### PACKAGING RULES

Completion of **twelve (12) units** made up of:

- a) one (1) core unit
- b) a minimum of four (4) units from elective group A
- c) a minimum of five (5) units from elective groups A or B
- d) a maximum of two (2) units from units aligned to Certificates III, IV or Diploma in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agriculture.

### CORE UNIT

#### Occupational Health and Safety

|                                     | <b>NOTES</b> |
|-------------------------------------|--------------|
| AHCOHS401A - Maintain OHS processes |              |

### ELECTIVE UNITS GROUP A

#### Broad Acre Cropping

|   |  |
|---|--|
| AHCBAC401A - Manage pastures for livestock production         |  |
| AHCBAC402A - Plan a pasture establishment program             |  |
| AHCBAC403A - Supervise agricultural crop establishment        |  |
| AHCBAC404A - Plan and implement agricultural crop maintenance |  |
| AHCBAC405A - Supervise agricultural crop harvesting           |  |
| AHCBAC406A - Maintain grain quality in storage                |  |
| AHCBAC407A - Save, prepare and store agricultural seed        |  |

#### Chemicals

|  |  |
|--|--|
| AHCCHM401A - Minimise risk in the use of chemicals |  |
|--|--|

#### Dairy

|   |  |
|---|--|
| AHCDRY401A - Manage milking shed routines |  |
|---|--|

#### Livestock

|   |  |
|---|--|
| AHCLSK312A - Coordinate artificial insemination and fertility management of livestock |  |
| AHCLSK317A - Plan to exhibit livestock  |  |
| AHCLSK401A - Develop feeding plans for a production system                            |  |
| AHCLSK402A - Develop livestock feeding plans  |  |
| AHCLSK404A - Implement and monitor animal welfare programs                            |  |
| AHCLSK405A - Implement intensive production systems                                   |  |
| AHCLSK406A - Oversee animal marking operations  |  |
| AHCLSK407A - Plan and monitor intensive production systems                            |  |
| AHCLSK408A - Pregnancy test animals   |  |
| AHCLSK409A - Supervise animal health programs   |  |

|  |  |
|--|--|
| AHCLSK410A - Supervise feedlot operations                    |  |
| AHCLSK411A - Supervise natural mating of livestock           |  |
| AHCLSK412A - Arrange livestock purchases                     |  |
| AHCLSK413A - Design livestock handling facilities            |  |
| AHCLSK414A - Arrange transport for farm produce or livestock |  |
| AHCLSK415A - Oversee alpaca farm activities                  |  |
| AHCLSK416A - Identify and select animals for breeding        |  |
| AHCLSK417A - Manage horses for stockwork                     |  |
| AHCLSK418A - Escort livestock during export                  |  |

### **Machinery Operation and Maintenance**

|   |  |
|---|--|
| AHCMOM402A - Supervise maintenance of property, machinery and equipment |  |
|---|--|

### **Pest Management**

|  |  |
|--|--|
| AHCPMG408A - Assess and monitor weed, pest and/or disease control programs |  |
|--|--|

### **Pork Production**

|  |  |
|--|--|
| AHCPRK401A - Implement a feeding strategy for pig production |  |
|--|--|

## **ELECTIVE UNITS GROUP B**

### **Agribusiness**

|  |  |
|--|--|
| AHCAGB401A - Implement and monitor a property improvement plan |  |
| AHCAGB402A - Analyse and interpret production data             |  |
| BSBRK401A - Identify risk and apply risk management process    |  |

### **Artificial Insemination**

|  |  |
|--|--|
| AHCAIS401A - Supervise artificial breeding and/or embryo transfer programs |  |
|--|--|

### **Business**

|   |  |
|---|--|
| AHCBUS401A - Administer finance, insurance and legal requirements     |  |
| AHCBUS402A - Cost a project   |  |
| AHCBUS403A - Support and review business structures and relationships |  |
| AHCBUS404A - Operate within a budget framework                        |  |
| AHCBUS405A - Participate in an e-business supply chain                |  |
| BSBFIA402A - Report on financial activity                             |  |
| BSBSMB405B - Monitor and manage small business operations             |  |
| BSBSMB406A - Manage small business finances                           |  |
| BSBWOR402A - Promote team effectiveness                               |  |
| BSBHRM402A - Recruit, select and induct staff                         |  |
| BSBINM401A - Implement workplace information system                   |  |
| BSBITU404A - Produce complex desktop published documents              |  |
| BSBCMM401A - Make a presentation                                      |  |

### **Chemicals**

|   |  |
|---|--|
| AHCCHM402A - Plan and implement a chemical use program                      |  |
| AHCCHM403A - Prepare safe operating procedures for calibration of equipment |  |

### **Deer**

|   |  |
|---|--|
| AHCDER401A - Handle, store and grade deer velvet                                  |  |
| AHCDER501A - Comply with deer industry national velvet accreditation requirements |  |
| AHCDER502A - Harvest deer velvet  |  |

### **Horse Breeding**

|  |  |
|--|--|
| AHCHBR305A - Handle and care for stallions           |  |
| AHCHBR401A - Carry out stud stable management duties |  |
| AHCHBR402A - Supervise raising young horses          |  |

### **Irrigation**

|  |  |
|--|--|
| AHCIRG401A - Acquire resources for irrigation installation and construction    |  |
| AHCIRG402A - Determine hydraulic parameters for an irrigation system           |  |
| AHCIRG404A - Implement an irrigation related environmental protection program  |  |
| AHCIRG405A - Plan and coordinate gravity fed irrigation systems                |  |
| AHCIRG406A - Plan on-site irrigation system installation and construction work |  |
| AHCIRG407A - Supervise on-site irrigation installation and construction work   |  |
| AHCIRG408A - Schedule irrigations  |  |

### **Machinery Operation and Maintenance**

|   |  |
|---|--|
| AHCMOM401A - Conduct major repair and overhaul of machinery & equipment |  |
|---|--|

### **Merchandising and Sales**

|  |  |
|--|--|
| AHCMER401A - Coordinate customer service and networking activities   |  |
| AHCMER402A - Provide advice and sell machinery                       |  |
| AHCMER403A - Provide advice and sell farm chemicals                  |  |
| AHCMER404A - Provide advice on agronomic products                    |  |
| AHCMER405A - Provide advice on livestock products                    |  |
| AHCMER406A - Provide information on fertilisers and soil ameliorants |  |

### **Milk Harvesting**

|   |  |
|---|--|
| AHCMKH401A - Carry out cleaning time tests of milking machines    |  |
| AHCMKH402A - Design and fabricate milking equipment installations |  |
| AHCMKH403A - Design and install on-farm milk cooling and storage  |  |
| AHCMKH404A - Install milking equipment                            |  |
| AHCMKH405A - Performance test milking machines                    |  |

### **Organic Production**

|  |  |
|--|--|
| AHCORG401A - Manage biodynamic production        |  |
| AHCORG402A - Manage organic livestock production |  |
| AHCORG403A - Manage organic soil improvement     |  |

### **Plants**

|  |  |
|--|--|
| AHPCPM402A - Develop a soil health and plant nutrition program |  |
|--|--|

### **Shearing**

|   |  |
|---|--|
| AHCSHG401A - Apply advanced shearing techniques               |  |
| AHCSHG402A - Conduct equipment experting for machine shearing |  |
| AHCSHG403A - Account for shearing shed supplies               |  |
| AHCSHG404A - Manage shearing and crutching operations         |  |
| AHCSHG405A - Arrange employment for shearing operations       |  |
| AHCSHG406A - Prepare shearing team wages                      |  |
| AHCSHG407A - Oversee and instruct shed staff                  |  |

### **Soils and Media**

|   |  |
|---|--|
| AHCSOL401A - Sample soils and interpret results                             |  |
| AHCSOL402A - Develop a soil use map for a property                          |  |
| AHCSOL403A - Prepare acid sulphate soil management plans                    |  |
| AHCSOL404A - Supervise acid sulphate soil remediation & management projects |  |

### **Wool**

|  |  |
|--|--|
| AHCWOL401A - Determine wool classing strategies                          |  |
| AHCWOL402A - Use individual fleece measurements to prepare wool for sale |  |
| AHCWOL404A - Establish work routines and manage wool harvesting and      |  |

|                   |  |
|-------------------|--|
| preparation staff |  |
|-------------------|--|

**Work**

|   |  |
|---|--|
| AHCWRK401A - Implement and monitor quality assurance procedures |  |
| AHCWRK402A - Provide information on issues and policies         |  |
| AHCWRK403A - Supervise work routines and staff performance      |  |
| PSPPM402B - Manage simple projects                              |  |
| MSL913002A - Plan and conduct laboratory/field work             |  |
| SRXGRO002A - Deal with conflict                                 |  |
| TAEDEL301A - Provide work skill instruction                     |  |

## CERTIFICATE IV IN POULTRY PRODUCTION - (AHC40210)

### QUALIFICATION NOTES

This qualification allows individuals to develop post-trade skills and knowledge to become specialists within the poultry production industry. The poultry industry expects this qualification to be achieved to meet job outcomes at this level.

#### ***Job titles may include:***

Consultant/service provider  
Egg farm operations manager  
Breeder farm operations manager

### PACKAGING RULES

Completion of **twelve (12) units** made up of:

- a) five (5) core units
- b) a minimum of five (5) elective units
- c) a maximum of two (2) units may be selected from the elective units or from units aligned to Certificates III, IV or Diploma in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the poultry industry.

### CORE UNITS

#### Livestock

|  | <b>NOTES</b> |
|--|--------------|
| AHCLSK401A - Develop feeding plans for a production system |              |
| AHCLSK404A - Implement and monitor animal welfare programs |              |
| AHCLSK405A - Implement intensive production systems        |              |
| AHCLSK407A - Plan and monitor intensive production systems |              |
| AHCLSK409A - Supervise animal health programs              |              |

### ELECTIVE UNITS

#### Agribusiness

|  |  |
|--|--|
| AHCAGB402A - Analyse and interpret production data |  |
|--|--|

#### Biosecurity

|   |  |
|---|--|
| AHC BIO302A - Identify and report unusual disease or plant pest signs |  |
|---|--|

#### Business

|   |  |
|---|--|
| BSBINM401A - Implement workplace information system   |  |
| BSBRES401A - Analyse and present research information |  |

#### Chemicals

|  |  |
|--|--|
| AHCCHM401A - Minimise risk in the use of chemicals     |  |
| AHCCHM402A - Plan and implement a chemical use program |  |

#### Food

|   |  |
|---|--|
| FDFFS2001A - Implement the food safety program and procedures   |  |
| FDFFS3001A - Monitor the implementation of quality & food safety programs*<br>* Prerequisite: FDFFS2001A - Implement the food safety program and procedures |  |

#### Merchandising and Sales

|   |  |
|---|--|
| SIRXSLS303 - Build relationships with customers |  |
|---|--|

**Occupational Health and Safety**

|                                     |  |
|-------------------------------------|--|
| AHCOHS401A - Maintain OHS processes |  |
|-------------------------------------|--|

**Poultry**

|  |  |
|--|--|
| AHCPLY402A - Supervise free-range poultry operations |  |
|--|--|

**Work**

|   |  |
|---|--|
| AHCWRK401A - Implement and monitor quality assurance procedures |  |
| AHCWRK403A - Supervise work routines and staff performance      |  |

# CERTIFICATE IV IN ORGANIC FARMING - (AHC41612)

## QUALIFICATION NOTES

This qualification allows individuals to develop skills and knowledge within the organic farming and general agriculture industry. It is designed to meet the needs of supervisors or team leaders working in the organic agriculture industry.

This qualification is suitable for people currently working or who wish to find employment on an organic farming enterprise.

### ***Job titles may include:***

Organic farm team leader  
Organic farm supervisor  
Organic farmer

## PACKAGING RULES

Completion of **twelve (12) units** made up of:

- a) one (1) core unit
- b) a minimum of four (4) units from elective group A
- c) a minimum of five (5) units from elective groups A or B
- d) a maximum of two (2) units from elective groups A or B or units aligned to Certificates III, IV or Diploma in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agriculture.

## CORE UNIT

### Occupational Health and Safety

|                                     | <b>NOTES</b> |
|-------------------------------------|--------------|
| AHCOHS401A - Maintain OHS processes |              |

## ELECTIVE UNITS GROUP A

### Organic Production

|   |  |
|---|--|
| AHCORG401A - Manage biodynamic production                                       |  |
| AHCORG402A - Manage organic livestock production                                |  |
| AHCORG403A - Manage organic soil improvement                                    |  |
| AHCORG404A - Arrange selling through community based marketing                  |  |
| AHCORG405A - Implement sustainable practices in the organic farm based business |  |
| AHCORG406A - Oversee compliance with an organic certification scheme            |  |

## ELECTIVE UNITS GROUP B

### Agribusiness

|  |  |
|--|--|
| AHCAGB401A - Implement and monitor a property improvement plan |  |
| AHCAGB402A - Analyse and interpret production data             |  |

### Business

|   |  |
|---|--|
| AHCBUS401A - Administer finance, insurance and legal requirements |  |
| AHCBUS402A - Cost a project                                       |  |
| AHCBUS404A - Operate within a budget framework                    |  |
| AHCBUS405A - Participate in an e-business supply chain            |  |
| BSBRSK401A - Identify risk and apply risk management processes    |  |
| BSBSMB405B - Monitor and manage small business operations         |  |
| BSBSMB406A - Manage small business finances                       |  |

## **Broad Acre Cropping**

|   |  |
|---|--|
| AHCBAC401A - Manage pastures for livestock production         |  |
| AHCBAC402A - Plan a pasture establishment program             |  |
| AHCBAC403A - Supervise agricultural crop establishment        |  |
| AHCBAC404A - Plan and implement agricultural crop maintenance |  |
| AHCBAC405A - Supervise agricultural crop harvesting           |  |

## **Chemicals**

|  |  |
|--|--|
| AHCCHM401A - Minimise risk in the use of chemicals |  |
|--|--|

## **Livestock**

|  |  |
|--|--|
| AHCLSK402A - Develop livestock feeding plans                 |  |
| AHCLSK404A - Implement and monitor animal welfare programs   |  |
| AHCLSK405A - Implement intensive production systems          |  |
| AHCLSK406A - Oversee animal marking operations               |  |
| AHCLSK407A - Plan and monitor intensive production systems   |  |
| AHCLSK409A - Supervise animal health programs                |  |
| AHCLSK411A - Supervise natural mating of livestock           |  |
| AHCLSK412A - Arrange livestock purchases                     |  |
| AHCLSK414A - Arrange transport for farm produce or livestock |  |
| AHCLSK416A - Identify and select animals for breeding        |  |

## **Irrigation**

|   |  |
|---|--|
| AHCIRG402A - Determine hydraulic parameters for an irrigation system          |  |
| AHCIRG404A - Implement an irrigation related environmental protection program |  |
| AHCIRG405A - Plan and coordinate gravity fed irrigation systems               |  |
| AHCIRG408A - Schedule irrigations   |  |

## **Production Horticulture**

|  |  |
|--|--|
| AHCPHT402A - Develop a crop regulation program                             |  |
| AHCPHT404A - Implement and monitor a horticultural crop harvesting program |  |

## **Soils and Media**

|   |  |
|---|--|
| AHCSOL401A - Sample soils and interpret results |  |
|---|--|

## **Work**

|   |  |
|---|--|
| AHCWRK401A - Implement and monitor quality assurance procedures |  |
| AHCWRK403A - Supervise work routines and staff performance      |  |

# DIPLOMA OF AGRICULTURE - (AHC50110)

## QUALIFICATION NOTES

The Diploma of Agriculture 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.

### ***Job titles may include:***

Farm production manager  
Production unit manager  
Agronomist  
Station/property manager

## PACKAGING RULES

Completion of **ten (10) units** made up of:

- a minimum of five (5) units from elective group A
- a minimum of three (3) units from elective groups A or B
- a maximum of two (2) units may be selected from units aligned to Certificate IV, Diploma or Advanced Diploma in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agriculture.

## ELECTIVE UNITS GROUP A

### Agribusiness

|   | <b>NOTES</b> |
|---|--------------|
| AHCAGB501A - Develop climate risk management strategies |              |
| AHCAGB505A - Develop a whole farm plan                  |              |

### Business

|  |  |
|--|--|
| AHCBUS501A - Manage staff                            |  |
| AHCBUS506A - Develop and review a business plan      |  |
| AHCBUS507A - Monitor and review business performance |  |

### Broad Acre Cropping

|   |  |
|---|--|
| AHCBAC501A - Manage agricultural crop production                                  |  |
| AHCBAC502A - Manage forage conservation   |  |
| AHCBAC503A - Manage integrated crop and pasture production                        |  |
| AHCBAC504A - Plan and manage a stored grain program                               |  |
| AHCBAC505A - Plan and manage long-term weed, pest and/or disease control in crops |  |
| AHCBAC506A - Manage the harvest of crops  |  |
| AHCBAC507A - Develop production plans for crops                                   |  |

### Livestock

|  |  |
|--|--|
| AHCLSK501A - Manage livestock production                     |  |
| AHCLSK502A - Arrange marketing of livestock                  |  |
| AHCLSK503A - Develop and implement a breeding strategy       |  |
| AHCLSK504A - Develop livestock health and welfare strategies |  |
| AHCLSK505A - Develop production plans for livestock          |  |

### Occupational Health and Safety

|                                   |  |
|-----------------------------------|--|
| AHCOHS501A - Manage OHS processes |  |
|-----------------------------------|--|

### Organic Production

|   |  |
|---|--|
| AHCORG501A - Develop an organic management plan               |  |
| AHCORG502A - Prepare the enterprise for organic certification |  |

## **Soils and Media**

|  |  |
|--|--|
| AHCSOL501A - Monitor and manage soils for production |  |
|--|--|

## **ELECTIVE UNITS GROUP B**

### **Agribusiness**

|   |  |
|---|--|
| AHCAGB502A - Plan and manage infrastructure requirements                  |  |
| AHCAGB503A - Plan and monitor production processes                        |  |
| AHCAGB504A - Plan production for the whole land/farm based business       |  |
| BSBWOR501B - Manage personal work priorities and professional development |  |

### **Business**

|  |  |
|--|--|
| AHCBUS502A - Market products and services                          |  |
| AHCBUS503A - Negotiate and monitor contracts                       |  |
| AHCBUS504A - Prepare estimates, quotes and tenders                 |  |
| AHCBUS505A - Develop a marketing plan                              |  |
| AHCBUS508A - Prepare and monitor budgets and financial reports     |  |
| BSBFIM501A - Manage budgets and financial plans                    |  |
| BSBHRM506A - Manage recruitment, selection and induction processes |  |
| BSBRES401A - Analyse and present research information              |  |
| BSBRISK501B - Manage risk  |  |
| TLIL5019A - Implement and monitor transport logistics              |  |
| TLIR4002A - Source goods/services and evaluate contractors         |  |
| TLIR4003A - Negotiate a contract                                   |  |

### **Carbon Farming**

|   |  |
|---|--|
| AHCCFI501 - Provide technical advice on the Carbon Farming Initiative                             |  |
| AHCCFI502 - Assess the feasibility of a Carbon Farming Initiative project                         |  |
| AHCCFI503 - Advise on Carbon farming Initiative project planning and implementation               |  |
| AHCCFI504 - Monitor and report on a Carbon Farming Initiative project                             |  |
| AHCCFI505 - Aggregate Carbon Farming Initiative projects  |  |
| AHCCFI506 - Plan a Carbon Farming Initiative livestock project                                    |  |
| AHCCFI507 - Plan a Carbon Farming Initiative waste or manure management project                   |  |
| AHCCFI508 - Plan a Carbon Farming Initiative project to sequester carbon in soil or biochar       |  |
| AHCCFI509 - Plan a Carbon Farming Initiative savannah burning, feral animal or rangelands project |  |
| AHCCFI510 - Plan a Carbon Farming Initiative vegetation project                                   |  |
| AHCCFI511 - Plan a carbon farming Initiative project to avoid emissions from soil and crops       |  |

### **Chemicals**

|   |  |
|---|--|
| AHCCHM401A - Minimise risk in the use of chemicals      |  |
| AHCCHM501A - Develop and manage a chemical use strategy |  |

### **Deer**

|   |  |
|---|--|
| AHCDER401A - Handle, store and grade deer velvet                                  |  |
| AHCDER501A - Comply with deer industry national velvet accreditation requirements |  |
| AHCDER502A - Harvest deer velvet  |  |

### **Drainage**

|                                      |  |
|--------------------------------------|--|
| AHCDRG501A - Design drainage systems |  |
|--------------------------------------|--|

### **Livestock**

|  |  |
|--|--|
| AHCLSK506A - Design livestock effluent systems |  |
|--|--|

### **Machinery Operation and Maintenance**

|  |  |
|--|--|
| AHCMOM501A - Manage machinery and equipment          |  |
| AHCMOM502A - Implement a machinery management system |  |

### **Merchandising and Sales**

|  |  |
|--|--|
| AHCMER501A - Develop a sales strategy for rural products |  |
|--|--|

### **Natural Area Restoration**

|  |  |
|--|--|
| AHCNAR506A - Develop and implement sustainable land use strategies |  |
|--|--|

### **Organic Production**

|  |  |
|--|--|
| AHCORG401A - Manage biodynamic production        |  |
| AHCORG402A - Manage organic livestock production |  |
| AHCORG403A - Manage organic soil improvement     |  |

### **Plants**

|   |  |
|---|--|
| AHCPCM505A - Conduct environment and food safety risk assessment of plant nutrition and soil fertility programs |  |
|---|--|

### **Shearing**

|   |  |
|---|--|
| AHCSHG405A - Arrange employment for shearing operations |  |
|---|--|

### **Water**

|                                   |  |
|-----------------------------------|--|
| AHCWAT502A - Manage water systems |  |
|-----------------------------------|--|

### **Work**

|   |  |
|---|--|
| AHCWRK501A - Plan, implement and review a quality assurance program     |  |
| AHCWRK502A - Collect and manage data                                    |  |
| AHCWRK504A - Assess new industry developments                           |  |
| AHCWRK505A - Manage trial and/or research material                      |  |
| AHCWRK509A - Provide specialist advice to clients                       |  |
| AHCWRK511A - Develop workplace policy and procedures for sustainability |  |

## DIPLOMA OF PORK PRODUCTION - (AHC50213)

### QUALIFICATION NOTES

The Diploma of Pork Production reflects the role of personnel working on piggeries who manage enterprise production units.

**Job titles may include:**

Production unit manager

### PACKAGING RULES

Completion of **ten (10) units** made up of:

- a) two (2) core units
- b) a minimum of six (6) elective units
- c) a maximum of two (2) units may be selected from the elective units or from units aligned to Certificate III or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in pork production.

### CORE UNITS

#### Livestock

|  | <b>NOTES</b> |
|--|--------------|
| AHCLSK504A - Develop livestock health and welfare strategies |              |
| AHCLSK505A - Develop production plans for livestock          |              |

### ELECTIVE UNITS

#### Pork Production

|  |  |
|--|--|
| AHCPRK401A - Implement a feeding strategy for pig production |  |
|--|--|

#### Livestock

|  |  |
|--|--|
| AHCLSK405A - Implement intensive production systems    |  |
| AHCLSK416A - Identify and select animals for breeding  |  |
| AHCLSK501A – Manage livestock production               |  |
| AHCLSK503A - Develop and implement a breeding strategy |  |

#### Business

|  |  |
|--|--|
| AHCBUS501A - Manage staff  |  |
| AHCBUS508A - Prepare and monitor budgets and financial reports     |  |
| BSBHRM506A - Manage recruitment, selection and induction processes |  |

#### Work

|                                      |  |
|--------------------------------------|--|
| AHCWRK502A - Collect and manage data |  |
| AHCWRK503A - Prepare reports         |  |

# **DIPLOMA OF ORGANIC FARMING - (AHC51812)**

## **QUALIFICATION NOTES**

The Diploma of Organic Farming reflects the role of personnel working within an organic farming enterprise who manage enterprise production units, manage the certification and continued compliance with organic standards and develop and maintain organic produce supply chains. It is designed to meet the needs of owners and managers of organic farming enterprises.

This qualification is suitable for people currently working or who wish to find employment on an organic farming enterprise or who own an organic farming enterprise.

### ***Job titles may include:***

Organic farm production manager  
Organic supply chain manager

## **PACKAGING RULES**

Completion of **ten (10) units** made up of:

- a) two (2) core units
- b) a minimum of two (2) units from elective group A
- c) a minimum of five (5) units from elective groups A or B
- d) one (1) unit may be selected from elective groups A or B or from units aligned to the Certificate IV, Diploma or Advanced Diploma level in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agriculture.

## **CORE UNITS**

### **Organic Production**

|  | <b>NOTES</b> |
|--|--------------|
| AHCORG501A - Develop an organic management plan                |              |
| AHCORG505A - Develop and monitor a sustainable production plan |              |

## **ELECTIVE UNITS GROUP A**

### **Natural Area Restoration**

|  |  |
|--|--|
| AHCNAR506A - Develop and implement sustainable land use strategies |  |
|--|--|

### **Organic Production**

|  |  |
|--|--|
| AHCORG401A - Manage biodynamic production                                |  |
| AHCORG402A - Manage organic livestock production                         |  |
| AHCORG403A - Manage organic soil improvement                             |  |
| AHCORG502A - Prepare the enterprise for organic certification            |  |
| AHCORG503A - Design and document an organic farm landscape               |  |
| AHCORG504A - Develop and manage a community based marketing supply chain |  |
| AHCORG506A - Manage an agro-ecology production system                    |  |

## **ELECTIVE UNITS GROUP B**

### **Agribusiness**

|   |  |
|---|--|
| AHCAGB501A - Develop climate risk management strategies |  |
|---|--|

### **Business**

|   |  |
|---|--|
| AHCBUS501A - Manage staff                 |  |
| AHCBUS502A - Market products and services |  |

|  |  |
|--|--|
| AHCBUS503A - Negotiate and monitor contracts                   |  |
| AHCBUS505A - Develop a marketing plan                          |  |
| AHCBUS506A - Develop and review a business plan                |  |
| AHCBUS507A - Monitor and review business performance           |  |
| AHCBUS508A - Prepare and monitor budgets and financial reports |  |
| BSBFIM501A - Manage budgets and financial plans                |  |
| BSBR501B - Manage risk   |  |
| TLIR4003C - Negotiate a contract                               |  |

### **Broad Acre Cropping**

|   |  |
|---|--|
| AHCBAC501A - Manage agricultural crop production                                  |  |
| AHCBAC503A - Manage integrated crop and pasture production                        |  |
| AHCBAC505A - Plan and manage long-term weed, pest and/or disease control in crops |  |
| AHCBAC506A - Manage the harvest of crops  |  |
| AHCBAC507A - Develop production plans for crops                                   |  |

### **Chemicals**

|  |  |
|--|--|
| AHCCHM401A - Minimise risk in the use of chemicals |  |
|--|--|

### **Irrigation**

|  |  |
|--|--|
| AHCIRG503A - Design irrigation, drainage and water treatment systems |  |
|--|--|

### **Livestock**

|  |  |
|--|--|
| AHCLSK501A - Manage livestock production                     |  |
| AHCLSK502A - Arrange marketing of livestock                  |  |
| AHCLSK503A - Develop and implement a breeding strategy       |  |
| AHCLSK504A - Develop livestock health and welfare strategies |  |
| AHCLSK505A - Develop production plans for livestock          |  |

### **Occupational Health and Safety**

|                                   |  |
|-----------------------------------|--|
| AHCOHS501A - Manage OHS processes |  |
|-----------------------------------|--|

### **Production Horticulture**

|  |  |
|--|--|
| AHCPHT502A - Develop a horticultural production plan |  |
|--|--|

### **Merchandising and Sales**

|  |  |
|--|--|
| AHCMER501A - Develop a sales strategy for rural products |  |
|--|--|

### **Water**

|                                   |  |
|-----------------------------------|--|
| AHCWAT502A - Manage water systems |  |
|-----------------------------------|--|

### **Work**

|   |  |
|---|--|
| AHCWRK501A - Plan, implement and review a quality assurance program     |  |
| AHCWRK502A - Collect and manage data                                    |  |
| AHCWRK504A - Assess new industry developments                           |  |
| AHCWRK511A - Develop workplace policy and procedures for sustainability |  |

## ADVANCED DIPLOMA OF AGRICULTURE - (AHC60110)

### QUALIFICATION NOTES

This qualification reflects the role of individuals working in management roles in agriculture.

#### ***Job titles may include:***

Agricultural enterprise business managers

### PACKAGING RULES

Completion of **eight (8) units** made up of:

- a) a minimum of six (6) elective units
- b) a maximum of two (2) units may be selected from the elective units or from units aligned to Diploma or Advanced Diploma in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in agricultural management.

### ELECTIVE UNITS

#### Agribusiness

|  |  |
|--|--|
| AHCAGB501A - Develop climate risk management strategies  |  |
| AHCAGB502A - Plan and manage infrastructure requirements |  |
| AHCAGB601A - Develop export markets for produce          |  |
| AHCAGB602A - Manage estate planning                      |  |
| AHCAGB603A - Manage the production system                |  |
| AHCAGB604A - Analyse business performance                |  |
| AHCAGB605A - Manage business capital                     |  |
| AHCAGB606A - Manage price risk through trading strategy  |  |

#### Business

|   |  |
|---|--|
| AHCBUS601A - Manage capital works                                       |  |
| AHCBUS602A - Review management plans and strategies                     |  |
| AHCBUS603A - Develop and review a strategic plan                        |  |
| AHCBUS604A - Design and manage the enterprise quality management system |  |
| AHCBUS605A - Manage human resources                                     |  |
| AHCBUS606A - Develop a monitoring, evaluation and reporting program     |  |
| AHCBUS607A - Implement a monitoring, evaluation and reporting program   |  |
| AHCBUS608A - Manage risk  |  |

#### Machinery Operation and Maintenance

|  |  |
|--|--|
| AHCMOM601A - Analyse machinery options |  |
|--|--|

#### Merchandising and Sales

|  |  |
|--|--|
| AHCMER501A - Develop a sales strategy for rural products |  |
|--|--|

#### Work

|   |  |
|---|--|
| AHCWRK601A - Monitor projects in a program                                    |  |
| AHCWRK602A - Lead and manage community or industry organisations              |  |
| AHCWRK603A - Design and conduct a field-based research trial                  |  |
| CPPWMT5045A - Develop site safety plans                                       |  |
| PSPPOL404A - Support policy implementation                                    |  |
| SRXGOV001B - Participate as a member of an effective Board of an organisation |  |
| SRXGOV002B - Undertake the role of individual Director of an organisation     |  |
| SRXGOV003B - Undertake the role of Chairperson at a Board meeting             |  |
| SRXGOV004B - Work effectively with the Board of an organisation               |  |
| SRXINU004A - Promote compliance with laws and legal principles                |  |

# **AHC10 QUALIFICATIONS AND AUSTRALIAN APPRENTICESHIPS GUIDE**

## **What is a Training Package?**

A training package is a set of nationally endorsed and recognized competencies and qualifications that are used to describe the level of knowledge and skills required by an individual to work effectively in the workplace. Training packages are developed and endorsed by industry through national Industry Skills Councils and are designed to meet the training needs of a specific industry, industry sector or enterprise.

Each training package is made up of three key components each of which is endorsed by the National Skills Standards Council (NSSC). The three 'components' are: - Competency Standards; Assessment Guidelines and Qualifications Framework.

Responsibility for the development, implementation and on-going review of the Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10) rests with AgriFood Skills Australia. AgriFood Skills Australia is one of a number of Industry Skills Councils that work in conjunction with industry, industry representative bodies, training organisations, affiliated organisations in each of the States and Territories and other interested parties to undertake this work. For more detailed information about the role and responsibilities of AgriFood Skills Australia within the industry training sector and, for specific information about training packages in particular, visit their website at [www.agrifoodskills.net.au](http://www.agrifoodskills.net.au).

The Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10) is a relatively new training package and is the outcome of several years of planning, industry consultation, product development and on-going review. The training package is the amalgamation of three earlier and quite separate training packages namely the Rural Production Training Package, the Amenity Horticulture Training Package and the Conservation and Land Management Training Package all of which had been the basis for training delivery in their respective industry sectors since 2002/03. The first version of the AHC10 Training Package was released in June 2011 and since then the document has been updated a number of times as part of an on-going review process.

The training pathway chart, which is a part of this information package, is designed to provide an insight into the qualification pathways, the various points of entry into the training and the levels of qualifications available in the agricultural industry sector.

## **How to Gain a Qualification**

There are four ways of obtaining a qualification from the Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10):

- 1. Australian Apprenticeships** – an employment based training arrangement that combines practical work experience with an underpinning theory based component. Training is delivered utilising a variety of different delivery methods by a Registered Training Organisation that also assesses the Australian Apprentice and awards an appropriate qualification on successful completion.
- 2. Skills Recognition** – this is a process whereby individuals gather evidence to demonstrate their skills and knowledge base and, if deemed competent, may be awarded an appropriate qualification (e.g. Certificate IV in Agribusiness).
- 3. Study with a Registered Training Organisation (RTO)** – by enrolling in any of the qualifications listed in the Agriculture, Horticulture and Conservation and Land Management Training Package (AHC10) at an appropriate TAFE College, private Registered Training Organisation or Agricultural College.
- 4. Complete a VET in Schools Qualification** – normally at the Certificate I and II level while participating in compulsory schooling.



## The Importance of Gaining a Qualification

Owning, managing or working in any enterprise or organization associated with the agriculture, horticulture and conservation and land management industries provides individuals with the opportunity to acquire knowledge and develop skills related to those industries. A person who has had hands on experience in the workplace may have performed a number of different tasks such as, the safe handling of stock, the control and application of chemicals, the maintenance of parks and gardens, financial tasks associated with the running of a business or perhaps, the management of employees and contractors and will have acquired both knowledge and skills as a consequence of that experience. These skills may be highly valued in the general workforce but, in many instances, individuals may not have the formal documentation to demonstrate the extent of the knowledge and skills they have acquired. This often puts them at a disadvantage when applying for jobs. Without the support of the relevant documentation some job applicants may lack the confidence and ability to convey the full scope of their knowledge and skills to a prospective employer. ***Obtaining a qualification can assist in overcoming this problem and open up a host of employment opportunities.***

When thinking about job and career opportunities there are national training and qualification pathways in agriculture, horticulture and conservation and land management that individuals can follow to pursue their employment and career interests. Details of the range of qualifications available and the industry specific pathways are included at the end of this booklet.

A number of jobs in industry require a person to have a prescribed qualification in order to perform the duties of the job. For example, some Departments of Agriculture require that their Technical and Quarantine Officers are graduates with Certificate III or Certificate IV level qualifications in agriculture. Similarly, many training institutions require their teaching staff to hold a Diploma or Advanced Diploma level qualification. ***Having a qualification can greatly enhance an individual's career prospects.***

Individuals may receive credit for studies they have undertaken at a TAFE College or Registered Training Organisation in relation to higher level studies. Some tertiary institutions will accept or recognize the completion of higher level AHC10 qualifications to gain entry and/or credit into various degree programs. Individuals are advised to check available arrangements, if any, with individual tertiary institutions.

## What is Skills Recognition?

Skills Recognition is the formal acknowledgement of the skills, knowledge and competencies that a person has acquired through previous formal or informal training, work experience and/or life experience. For a fee a person can apply to have their skills assessed by a qualified assessor against the national competencies for the industry and can be awarded a qualification, or part of a qualification, based on their practical knowledge and experience. The skills recognition process helps overcome the need for people to spend unnecessary time in the classroom going over work that they already know. For example, a person who has spent time working in a farming environment may have acquired a range of skills related to their experience (e.g. the operation and maintenance of machinery, the handling of chemicals, the management of livestock). These skills can be assessed as part of the Skills Recognition process and can contribute towards a qualification. Skills Recognition processes are sometimes referred to as Recognition of Prior Learning (RPL) processes or Recognition of Current Competency (RCC) processes.

For further information on skills recognition contact a TAFE college, private Registered Training Organisation or an Agricultural College.



## Rural Skills Australia – Contact Details

Rural Skills Australia has representatives in each of the States and the ACT who can be contacted for advice on matters relating to the *Agriculture, Horticulture and Conservation and Land Management Training Package*.

### National Office

Rural Skills Australia  
Level 2, NFF House  
14 – 16 Brisbane Ave  
BARTON ACT 2600

Locked Bag 9  
KINGSTON ACT 2604

**PH:** (02) 6269 5630  
**Fax:** (02) 6273 7364  
**Toll Free:** 1800 647 798  
**Email:** admin@ruralskills.com.au

### New South Wales/ACT

Charles Impey  
Education and Training Adviser  
Rural Skills Australia

PO Box 272  
TAMWORTH NSW 2340

**PH:** (02) 6766 4432  
**Mob:** 0419 496 876  
**Email:** nsw.eta@ruralskills.com.au

### Victoria

Gordon Griffin  
Education and Training Adviser  
Rural Skills Australia

PO Box 163  
SHEPPARTON VIC 3630

**PH:** (03) 5821 1522  
**Fax:** (03) 5831 1520  
**Mob:** 0417 361 632  
**Email:** gordong@ruralskills.com.au

### Queensland

Bob Ward  
Education and Training Adviser  
Rural Skills Australia

PO Box 13304 George St  
BRISBANE QLD 4003

**Mob:** 0411 423 803  
**Email:** bobw@ruralskills.com.au

### South Australia

Ross Manthorpe  
Education and Training Adviser  
Rural Skills Australia

PO Box 13  
HIGHGATE SA 5063

**PH:** (08) 8121 7954  
**Mob:** 0409 676 694  
**Email:** rossm@ruralskills.com.au

### Tasmania

Roger Tyshing  
Education and Training Adviser  
Rural Skills Australia

PO Box 193  
LAUNCESTON TAS 7250

**PH:** (03) 6332 1810  
**Fax:** (03) 6331 4344  
**Mob:** 0438 514 560  
**Email:** rogert@ruralskills.com.au

### Western Australia

Fred Chambers  
Education and Training Adviser  
Rural Skills Australia

PO Box 33  
PEMBERTON WA 6260

**PH:** (08) 9776 1847  
**Fax:** (08) 9776 1847  
**Mob:** 0409 884 574  
**Email:** fredc@ruralskills.com.au



## AHC10 PATHWAYS – AGRICULTURE INDUSTRY FOCUS

