



# AHC10 QUALIFICATIONS AND AUSTRALIAN APPRENTICESHIPS GUIDE

Providing direction on Learning, Training and Qualifications for Agriculture, Horticulture, Conservation and Land Management, Production Horticulture and AHC Services



**AHC10 QUALIFICATIONS  
AND  
AUSTRALIAN APPRENTICESHIPS GUIDE**

**MARCH 2011**

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Australian Government  
Department of Education, Employment  
and Workplace Relations

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### Disclaimer

*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.*

## Order and Feedback Form

The purpose of the Guide is to provide a brief yet informative summary of the training available within the agricultural, horticultural, conservation and land management and associated services sectors of industry with specific reference to the units used for Australian Apprenticeships/Traineeships. The booklet also provides information and guidance about the benefits of obtaining a qualification and outlines the various ways that this can be achieved.

You are quite welcome to apply for additional copies of the Guide. Simply fill in the information requested at the bottom of this page and fax or send it to the address provided. Rural Skills Australia welcomes your views on the structure and content of this booklet and invites you to provide your thoughts about any additional information you think could be included in future releases of the Guide.

- |   | <b>Yes</b>               | <b>No</b>                |
|---|--------------------------|--------------------------|
| 1. Did you find the Guide helpful in understanding the National Training System?      | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are you aware of Rural Skills Australia and its education and training service?    | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Which of the qualifications listed in the Guide are of particular interest to you? |                          |                          |

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4. Any comments or suggestions about the Guide?

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*(number)*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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Please remove and fax to (02) 6273 7364 or send this page to:

Rural Skills Australia  
PO Box E10  
KINGSTON ACT 2604





Rural Skills Australia (RSA), working in conjunction with Sunbeam, assists with the conduct and management of the Sunbeam Future Farmers Fund (SFFF). This Fund was launched in October 2009, and is expected to run for a number of years.

The Sunbeam Future Farmers Fund aims to give apprentices a great start in a rural career, offer much needed support to our farmers and importantly, maintain the vital skills base that will keep our agricultural industry healthy.

The Fund provides a financial incentive to selected apprentices on completion of their studies and financial support to Australian farmers by contributing to the cost of their apprentices undertaking Production Horticulture qualifications at the Certificate II, III or IV level.

Employers of full-time, part-time and school-based Australian Apprentices anywhere in Australia undertaking Production Horticulture qualifications at the Certificate II, III and IV level may lodge an application to join the program, between 1 September and 30 April of the following year. The program is open to all growers, not just those within the Sunbeam network. However, previous SFFF sponsorship recipients are not eligible to reapply.

Potential applicants should visit [www.ruralskills.com.au](http://www.ruralskills.com.au) or contact Rural Skills Australia on 1800 647 798 to confirm the continued operation of the Sunbeam Future Farmers Fund. When running, Application Forms to join the SFFF will be available from the RSA website.



# **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 Quality Council (NQC). 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 new training package and is the result of several years of planning, extensive 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 have been the basis for training delivery in their respective industry sectors since 2002/03. The new AHC10 training package was endorsed by the National Quality Council in November 2010.

The training pathway charts, shown in several different sections of the Guide (see *Contents* page), are designed to provide some insight into the qualification pathways available in each of the industry sectors.

## **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 Territories who can be contacted for advice on training 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

PO Box E10  
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

Tony Dwyer  
Education and Training Adviser  
Rural Skills Australia

PO Box E10  
KINGSTON ACT 2604

**PH:** (02) 6269 5632  
**Fax:** (02) 6273 7364  
**Mob:** 0419 496 876  
**Email:** tonyd@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

**PH:** (07) 3221 4850  
**Fax:** (07) 3238 4850  
**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

### Northern Territory

David Wilkes  
Education and Training Adviser  
Rural Skills Australia

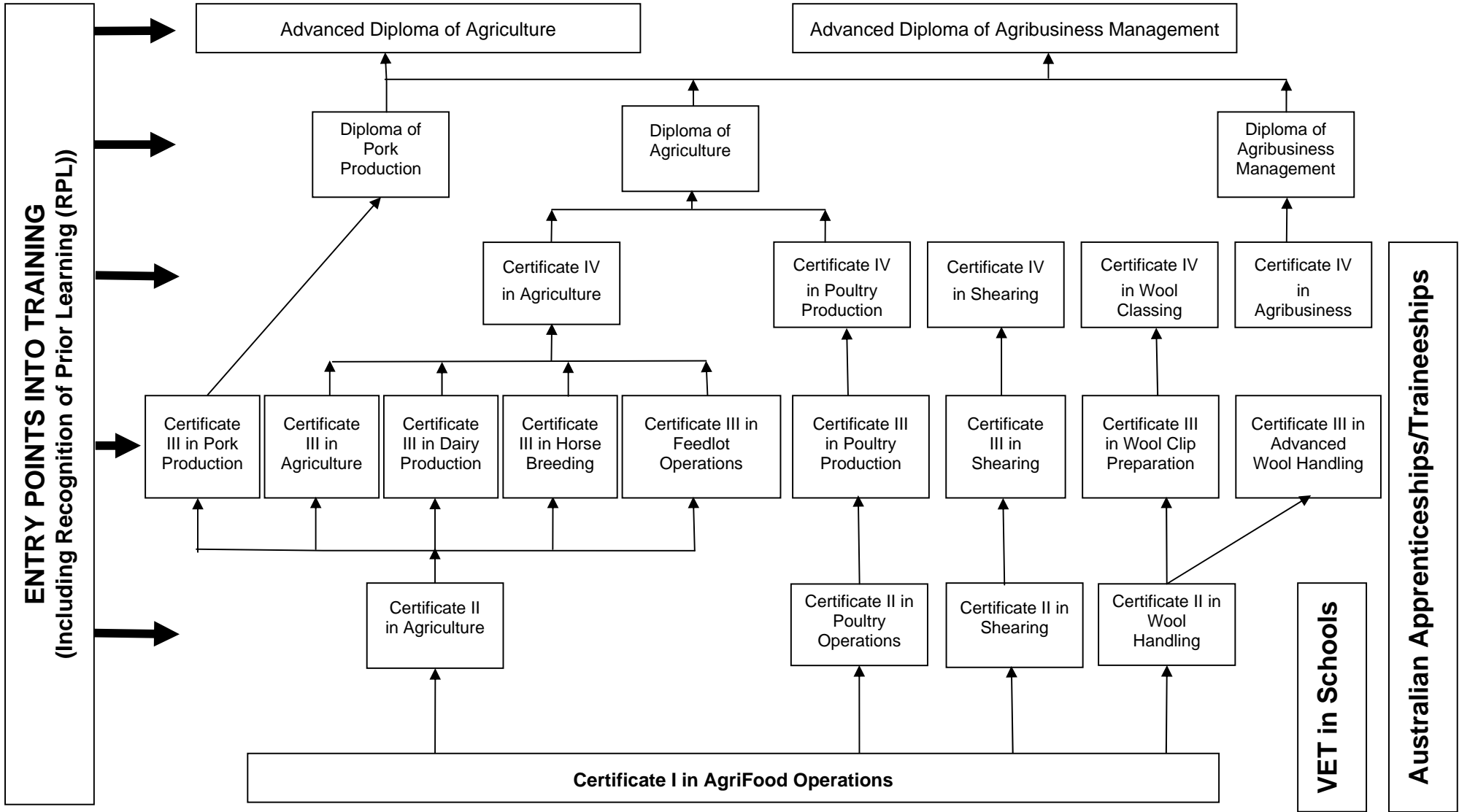
PO Box 128  
BERRIMAH NT 0828

**PH:** (08) 8984 4997  
**Mob:** 0418 807 157  
**Email:** davidw@ruralskills.com.au

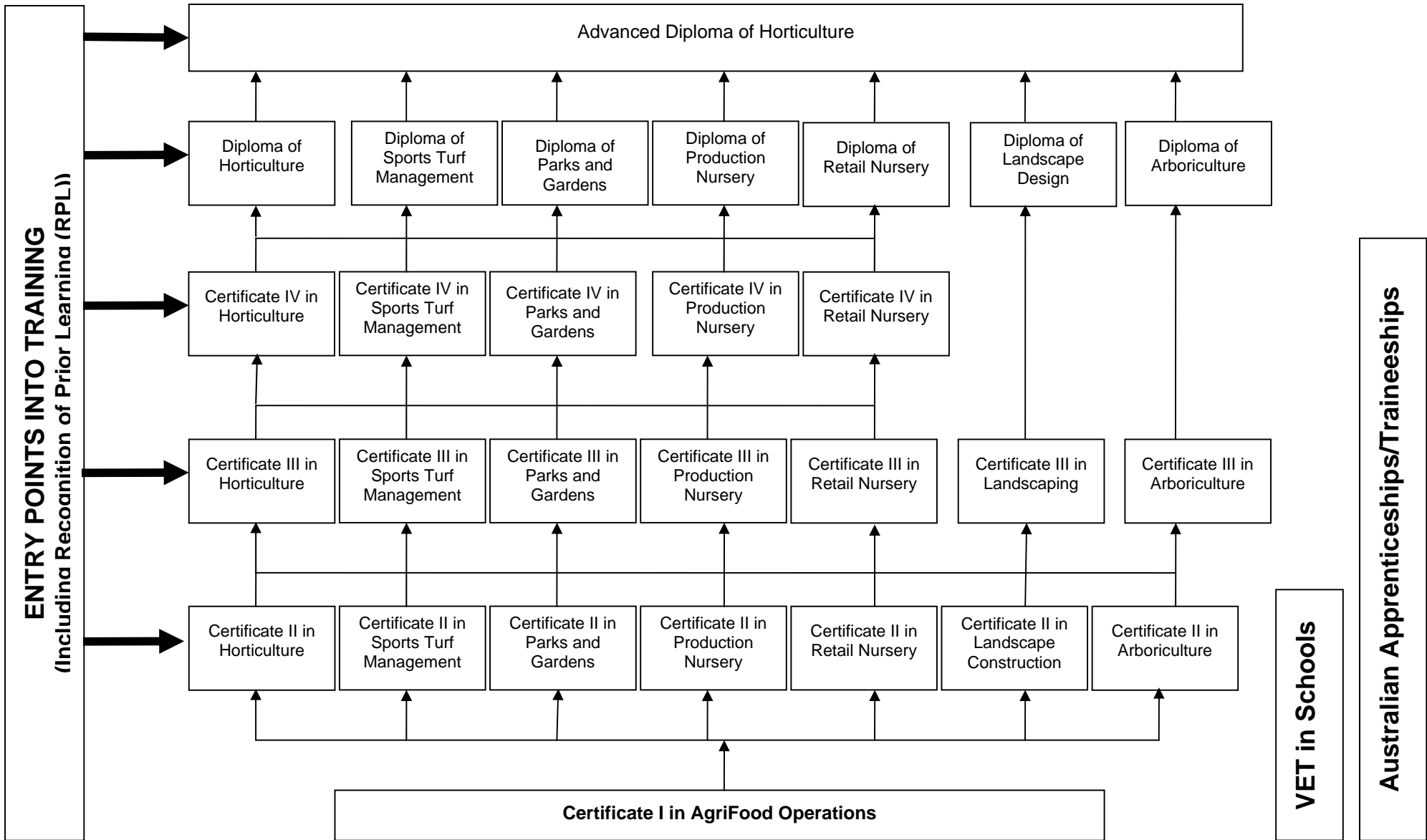




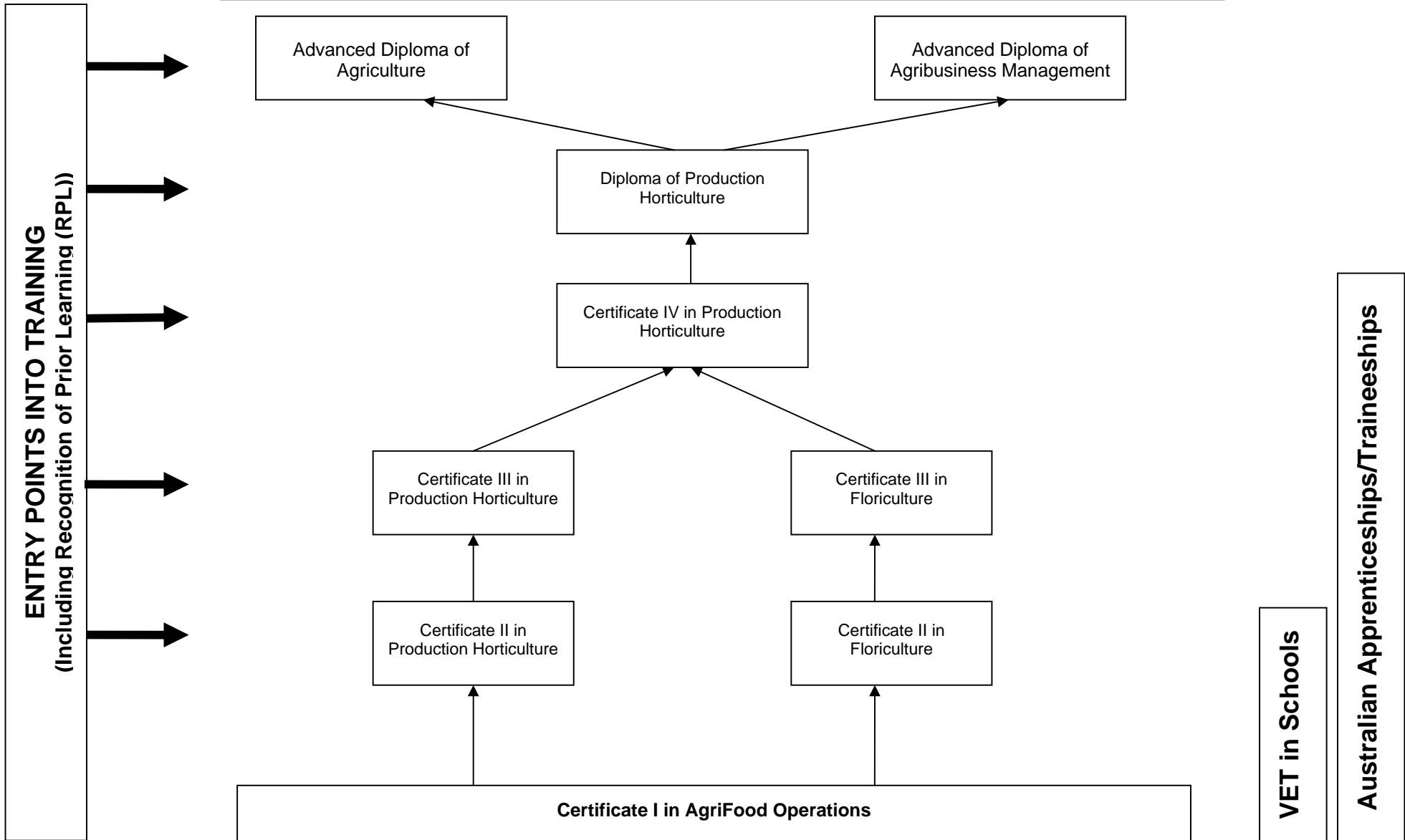
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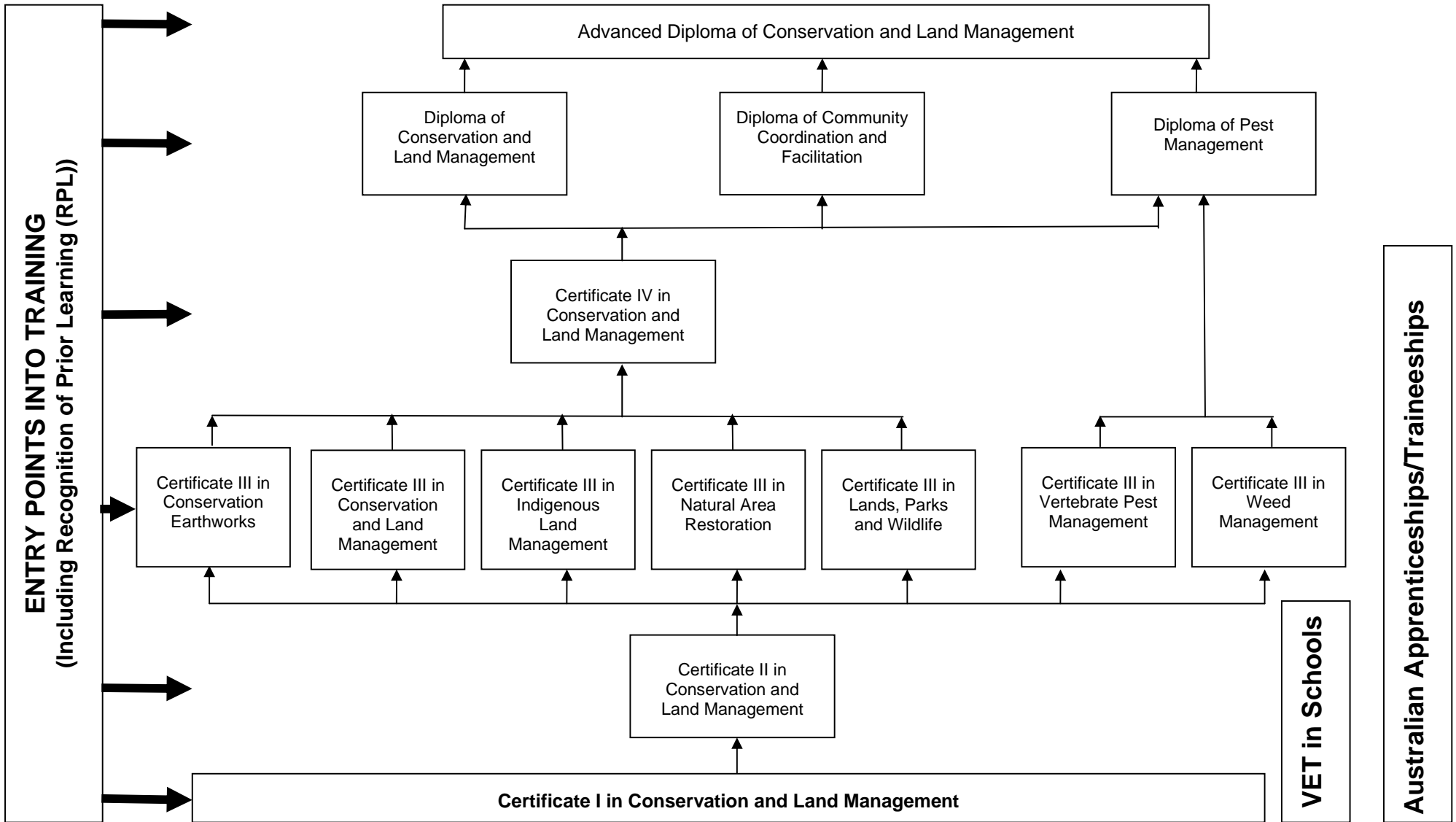
## AHC10 PATHWAYS – HORTICULTURE INDUSTRY FOCUS



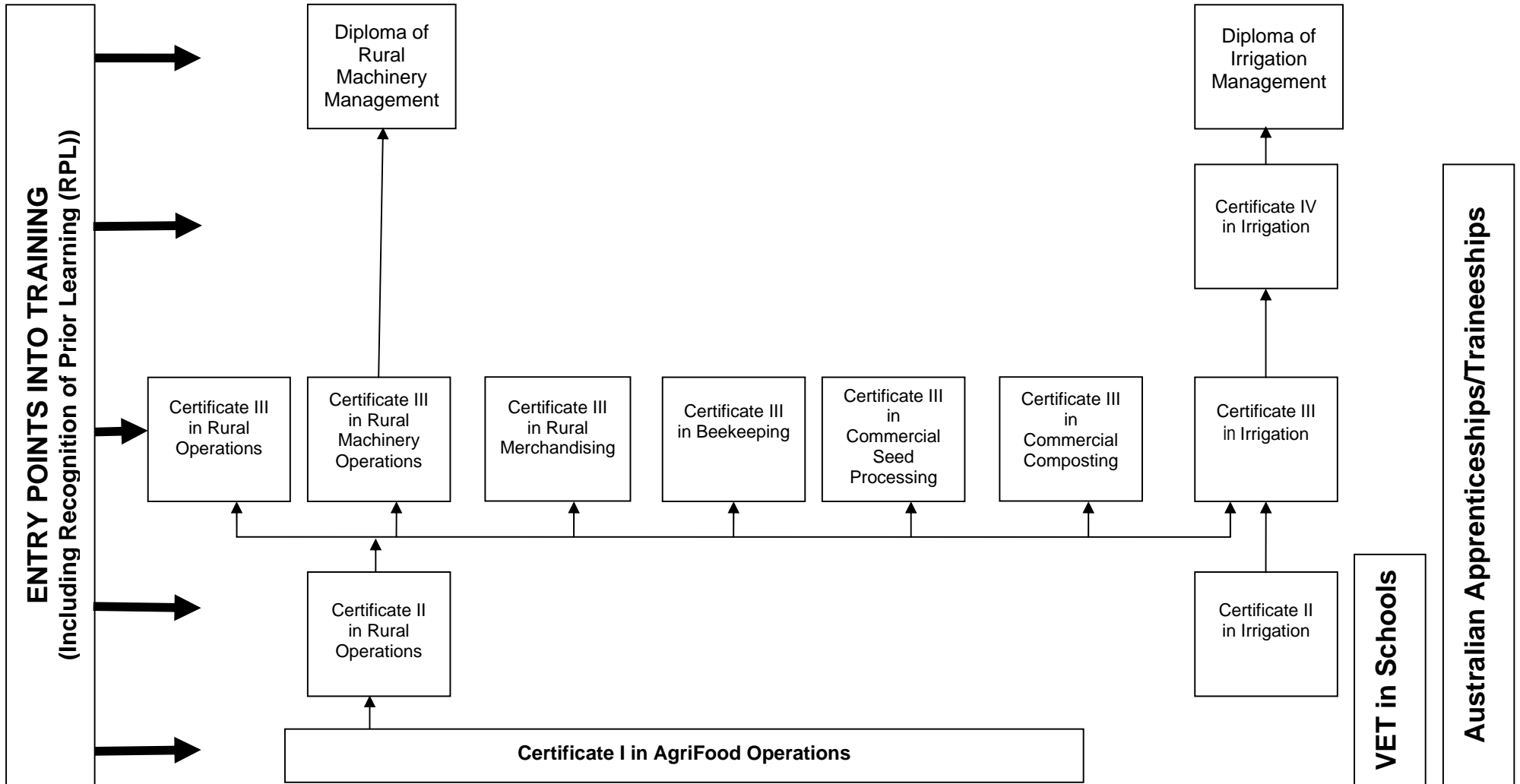
## AHC10 PATHWAYS – PRODUCTION HORTICULTURE INDUSTRY FOCUS



# AHC10 PATHWAYS – CONSERVATION AND LAND MANAGEMENT INDUSTRY FOCUS



## AHC10 PATHWAYS – SERVICES/IRRIGATION



## AHC10 TRAINING PACKAGE QUALIFICATIONS

### INDUSTRY: AGRICULTURE

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

<b>Code</b>	<b>Qualification</b>	<b>Details Page</b>
AHC20110	Certificate II in Agriculture	32
AHC20210	<i>Certificate II in Poultry Production Operations</i>	36
AHC30110	Certificate III in Agriculture	38
AHC30210	<i>Certificate III in Agriculture (Dairy Production)</i>	43
AHC30310	<i>Certificate III in Horse Breeding</i>	45
AHC30410	<i>Certificate III in Pork Production</i>	47
AHC30510	<i>Certificate III in Poultry Production</i>	49
AHC40110	Certificate IV in Agriculture	51
AHC40210	<i>Certificate IV in Poultry Production</i>	55
AHC50110	Diploma of Agriculture	57
AHC50210	<i>Diploma of Pork Production</i>	60
AHC60110	Advanced Diploma of Agriculture	61

### INDUSTRY: HORTICULTURE

The horticulture industry has five general qualifications – one at each level from Certificate II to Advanced Diploma. Sector specific qualifications are also available in Arboriculture, Landscape Construction, Landscape Design, Parks and Gardens, Production Nursery, Retail Nursery and Sports Turf Management at various levels.

<b>Code</b>	<b>Qualification</b>	<b>Details Page</b>
AHC20410	Certificate II in Horticulture	63
AHC20510	<i>Certificate II in Arboriculture</i>	66
AHC21510	<i>Certificate II in Floriculture</i>	68
AHC21610	<i>Certificate II in Landscaping</i>	70
AHC20610	<i>Certificate II in Parks and Gardens</i>	72
AHC20710	<i>Certificate II in Production Nursery</i>	74
AHC20810	<i>Certificate II in Retail Nursery</i>	76
AHC20910	<i>Certificate II in Sports Turf Management</i>	78
AHC30710	Certificate III in Horticulture	79
AHC30810	<i>Certificate III in Arboriculture</i>	82
AHC33210	<i>Certificate III in Floriculture</i>	84
AHC30910	<i>Certificate III in Landscape Construction</i>	86
AHC31010	<i>Certificate III in Parks and Gardens</i>	87
AHC31110	<i>Certificate III in Production Nursery</i>	89
AHC31210	<i>Certificate III in Retail Nursery</i>	91
AHC31310	<i>Certificate III in Sports Turf Management</i>	93
AHC40410	Certificate IV in Horticulture	94
AHC40510	<i>Certificate IV in Parks and Gardens</i>	97
AHC40610	<i>Certificate IV in Production Nursery</i>	99
AHC40710	<i>Certificate IV in Retail Nursery</i>	101
AHC40810	<i>Certificate IV in Sports Turf Management</i>	103
AHC50410	Diploma of Horticulture	105
AHC50510	<i>Diploma of Arboriculture</i>	108
AHC50610	<i>Diploma of Landscape Design</i>	109
AHC50710	<i>Diploma of Parks and Gardens Management</i>	111

Code	Qualification	Details Page
AHC50810	<i>Diploma of Production Nursery Management</i>	113
AHC50910	<i>Diploma of Retail Nursery Management</i>	115
AHC51010	<i>Diploma of Sports Turf Management</i>	117
AHC60210	Advanced Diploma of Horticulture	119

## **INDUSTRY: PRODUCTION HORTICULTURE**

The production horticulture industry has four general qualifications – one at each level from Certificate II to Diploma.

Code	Qualification	Details Page
AHC20310	Certificate II in Production Horticulture	122
AHC30610	Certificate III in Production Horticulture	124
AHC40310	Certificate IV in Production Horticulture	126
AHC50310	Diploma of Production Horticulture	128

## **INDUSTRY: CONSERVATION AND LAND MANAGEMENT**

The conservation and land management industry has six general qualifications – one at each level from Certificate I to Advanced Diploma and sector specific qualifications for Indigenous Land Management, Natural Area Restoration, Lands, Parks and Wildlife, Vertebrate Pest Management, Weed Management and Community Coordination and Facilitation at various levels.

Code	Qualification	Details Page
AHC10110	Certificate I in Conservation and Land Management	131
AHC21010	Certificate II in Conservation and Land Management	132
AHC31410	Certificate III in Conservation and Land Management	135
AHC31510	<i>Certificate III in Indigenous Land Management</i>	138
AHC31610	<i>Certificate III in Lands, Parks and Wildlife</i>	140
AHC31710	<i>Certificate III in Natural Area Restoration</i>	142
AHC31810	<i>Certificate III in Vertebrate Pest Management</i>	144
AHC31910	<i>Certificate III in Weed Management</i>	146
AHC40910	Certificate IV in Conservation and Land Management	148
AHC51110	Diploma of Conservation and Land Management	151
AHC51210	<i>Diploma of Community Coordination and Facilitation</i>	154
AHC51310	<i>Diploma of Pest Management</i>	156
AHC60410	Advanced Diploma of Conservation and Land Management	158

## **INDUSTRY SECTOR: SERVICES**

These qualifications “service” the previous four industry groups.  
*The service sectors are listed alphabetically.*

Code	Qualification	Details Page
<b><u>SECTOR: AGRIBUSINESS</u></b>		
AHC41010	Certificate IV in Agribusiness	160
AHC51410	Diploma of Agribusiness Management	162
AHC60310	Advanced Diploma of Agribusiness Management	163
<b><u>SECTOR: BEE KEEPING</u></b>		
AHC32010	Certificate III in Beekeeping	165

<b>Code</b>	<b>Qualification</b>	<b>Details Page</b>
<b><u>SECTOR: COMMERCIAL SEED PROCESSING</u></b>		
AHC32111	Certificate III in Commercial Seed Processing	167
<b><u>SECTOR: COMMERCIAL COMPOSTING</u></b>		
AHC32210	Certificate III in Commercial Composting	168
<b><u>SECTOR: CONSERVATION EARTHWORKS</u></b>		
AHC32310	Certificate III in Conservation Earthworks	170
<b><u>SECTOR: FEEDLOT</u></b>		
AHC33311	Certificate III in Feedlot Operations	171
<b><u>SECTOR: IRRIGATION</u></b>		
AHC21110	Certificate II in Irrigation	174
AHC32410	Certificate III in Irrigation	176
AHC41110	Certificate IV in Irrigation	178
AHC51610	Diploma of Irrigation Management	180
<b><u>SECTOR: RURAL MACHINERY</u></b>		
AHC32610	Certificate III in Rural Machinery Operations	182
AHC51710	Diploma of Rural Machinery Management	183
<b><u>SECTOR: RURAL MERCHANDISING</u></b>		
AHC32710	Certificate III in Rural Merchandising	185
<b><u>SECTOR: RURAL OPERATIONS</u></b>		
AHC10210	Certificate I in Agrifood Operations	187
AHC21210	Certificate II in Rural Operations	189
AHC32810	Certificate III in Rural Operations	190
<b><u>SECTOR: SHEARING</u></b>		
AHC21310	Certificate II in Shearing	191
AHC32910	Certificate III in Shearing	192
AHC41210	Certificate IV in Shearing	193
<b><u>SECTOR: WOOL CLASSING</u></b>		
AHC33010	Certificate III in Wool Clip Preparation	194
AHC41310	Certificate IV in Wool Classing	195
<b><u>SECTOR: WOOL HANDLING</u></b>		
AHC21410	Certificate II in Wool Handling	196
AHC33110	Certificate III in Advanced Wool Handling	197



## AUSTRALIAN CAPITAL TERRITORY – AUSTRALIAN APPRENTICESHIP PATHWAYS

### Rural Traineeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20110	Certificate II in Agriculture
AHC30110	Certificate III in Agriculture

### Horticulture Apprenticeships and Traineeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20710	Certificate II in Production Nursery
AHC20810	Certificate II in Retail Nursery
AHC20910	Certificate II in Sports Turf Management

#### Anticipated Apprenticeship Qualifications:

Code	Qualification
AHC31010	Certificate III in Parks and Gardens
AHC31310	Certificate III in Sports Turf Management
AHC30910	Certificate III in Landscape Construction
AHC31110	Certificate III in Production Nursery
AHC31210	Certificate III in Retail Nursery

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training, if any, within the ACT and across States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing RTOs, nominal terms, availability as full-time, part-time, including school based options (if available) will become available, over time, from the website: <https://www.vetadmin.act.gov.au/userchoice/UCRegister.asp>

## NEW SOUTH WALES – AUSTRALIAN APPRENTICESHIP PATHWAYS

### Rural Traineeships

Anticipated Traineeship Qualifications available under a varied Rural Skills Order:

Code	Qualification
AHC20110	Certificate II in Agriculture
AHC20210	Certificate II in Poultry Production Operations
AHC30110	Certificate III in Agriculture
AHC30210	Certificate III in Agriculture (Dairy Production)
AHC30310	Certificate III in Horse Breeding
AHC30410	Certificate III in Pork Production
AHC30510	Certificate III in Poultry Production
AHC40110	Certificate IV in Agriculture
AHC40210	Certificate IV in Poultry Production
AHC20310	Certificate II in Production Horticulture
AHC30610	Certificate III in Production Horticulture
AHC40310	Certificate IV in Production Horticulture
AHC41010	Certificate IV in Agribusiness
AHC32010	Certificate III in Beekeeping
AHC32110	Certificate III in Commercial Seed Processing
AHC32210	Certificate III in Commercial Composting
AHC32310	Certificate III in Conservation Earthworks
AHC21110	Certificate II in Irrigation
AHC32410	Certificate III in Irrigation
AHC41110	Certificate IV in Irrigation
AHC32610	Certificate III in Rural Machinery Operations
AHC32710	Certificate III in Rural Merchandising
AHC21210	Certificate II in Rural Operations
AHC32810	Certificate III in Rural Operations
AHC21310	Certificate II in Shearing
AHC32910	Certificate III in Shearing
AHC41210	Certificate IV in Shearing
AHC33010	Certificate III in Wool Clip Preparation
AHC41310	Certificate IV in Wool Classing
AHC21410	Certificate II in Wool Handling
AHC33110	Certificate III in Advanced Wool Handling

### Horticulture Apprenticeships and Traineeships

Anticipated Traineeship Qualifications available under a varied Horticulture Order:

Code	Qualification
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21510	Certificate II in Floriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20710	Certificate II in Production Nursery
AHC20810	Certificate II in Retail Nursery
AHC20910	Certificate II in Sports Turf Management
AHC30710	Certificate III in Horticulture
AHC30810	Certificate III in Arboriculture
AHC33210	Certificate III in Floriculture
AHC40410	Certificate IV in Horticulture

### Anticipated Apprenticeship Qualifications under varied Orders:

#### Declared Trade of Parks and Gardening cited as the Parks and Gardening Order

AHC31010	Certificate III in Parks and Gardens
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#### Declared Trade of Bowling Greenkeeping cited as the Bowling Greenkeeping Order

AHC31310	Certificate III in Sports Turf Management
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#### Declared Trade of Golf Greenkeeping cited as the Golf Greenkeeping Order

AHC31310	Certificate III in Sports Turf Management
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#### Declared Trade of Greenkeeping cited as the Greenkeeping Order

AHC31310	Certificate III in Sports Turf Management
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#### Declared Trade of Landscaping cited as the Landscaping Order

AHC30910	Certificate III in Landscape Construction
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#### Declared Trade of Nursery cited as the Nursery Order

AHC31110	Certificate III in Production Nursery
AHC31210	Certificate III in Retail Nursery

### Conservation and Land Management Traineeships

#### Anticipated Traineeship Qualifications available under a varied Conservation and Land Management Order:

Code	Qualification
AHC21010	Certificate II in Conservation and Land Management
AHC31410	Certificate III in Conservation and Land Management
AHC31510	Certificate III in Indigenous Land Management
AHC31610	Certificate III in Lands, Parks and Wildlife
AHC31710	Certificate III in Natural Area Restoration
AHC31810	Certificate III in Vertebrate Pest Management
AHC31910	Certificate III in Weed Management
AHC40910	Certificate IV in Conservation and Land Management

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training within New South Wales and across States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing nominal terms, availability as full-time, part-time, including school based options (if available) will become available, over time, at: [https://www.training.nsw.gov.au/cib\\_vto/index.html](https://www.training.nsw.gov.au/cib_vto/index.html)

## **NORTHERN TERRITORY – AUSTRALIAN APPRENTICESHIP PATHWAYS**

### **Rural Traineeships**

#### **Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC20110	Certificate II in Agriculture
AHC30110	Certificate III in Agriculture
AHC40110	Certificate IV in Agriculture
AHC50110	Diploma of Agriculture
AHC30610	Certificate III in Production Horticulture
AHC21110	Certificate II in Irrigation
AHC32410	Certificate III in Irrigation
AHC32710	Certificate III in Rural Merchandising
AHC32810	Certificate III in Rural Operations

### **Horticulture Apprenticeships and Traineeships**

#### **Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20910	Certificate II in Sports Turf Management
AHC30710	Certificate III in Horticulture
AHC30810	Certificate III in Arboriculture
AHC40410	Certificate IV in Horticulture

#### **Anticipated Apprenticeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC31010	Certificate III in Parks and Gardens
AHC31310	Certificate III in Sports Turf Management
AHC30910	Certificate III in Landscape Construction
AHC31210	Certificate III in Retail Nursery

### **Conservation and Land Management Traineeships**

#### **Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC21010	Certificate II in Conservation and Land Management
AHC31410	Certificate III in Conservation and Land Management
AHC40910	Certificate IV in Conservation and Land Management
AHC51110	Diploma of Conservation and Land Management

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training within the Northern Territory and across other States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing nominal terms, availability as full-time, part-time, including school based options (if available) will become available, over time, on the Northern Territory Government website at: <http://www.det.nt.gov.au/rto/vet>

## QUEENSLAND – AUSTRALIAN APPRENTICESHIP PATHWAYS

### Rural Traineeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20110	Certificate II in Agriculture
AHC20210	Certificate II in Poultry Production Operations
AHC30110	Certificate III in Agriculture
AHC30210	Certificate III in Agriculture (Dairy Production)
AHC30310	Certificate III in Horse Breeding
AHC30410	Certificate III in Pork Production
AHC30510	Certificate III in Poultry Production
AHC40110	Certificate IV in Agriculture
AHC40210	Certificate IV in Poultry Production
AHC20310	Certificate II in Production Horticulture
AHC30610	Certificate III in Production Horticulture
AHC40310	Certificate IV in Production Horticulture
AHC41010	Certificate IV in Agribusiness
AHC32010	Certificate III in Beekeeping
AHC32110	Certificate III in Commercial Seed Processing
AHC32210	Certificate III in Commercial Composting
AHC32310	Certificate III in Conservation Earthworks
AHC21110	Certificate II in Irrigation
AHC32410	Certificate III in Irrigation
AHC41110	Certificate IV in Irrigation
AHC32610	Certificate III in Rural Machinery Operations
AHC32710	Certificate III in Rural Merchandising
AHC21210	Certificate II in Rural Operations
AHC32810	Certificate III in Rural Operations
AHC21310	Certificate II in Shearing
AHC32910	Certificate III in Shearing
AHC41210	Certificate IV in Shearing
AHC33010	Certificate III in Wool Clip Preparation
AHC41310	Certificate IV in Wool Classing
AHC21410	Certificate II in Wool Handling
AHC33110	Certificate III in Advanced Wool Handling

### Horticulture Traineeships and Apprenticeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21510	Certificate II in Floriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20710	Certificate II in Production Nursery
AHC20810	Certificate II in Retail Nursery
AHC20910	Certificate II in Sports Turf Management
AHC30710	Certificate III in Horticulture
AHC40410	Certificate IV in Horticulture

**Anticipated Apprenticeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC30810	Certificate III in Arboriculture
AHC30910	Certificate III in Landscape Construction
AHC31010	Certificate III in Parks and Gardens
AHC31110	Certificate III in Production Nursery
AHC31210	Certificate III in Retail Nursery
AHC31310	Certificate III in Sports Turf Management
AHC33210	Certificate III in Floriculture

**Conservation and Land Management Traineeships****Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC21010	Certificate II in Conservation and Land Management
AHC31410	Certificate III in Conservation and Land Management
AHC31510	Certificate III in Indigenous Land Management
AHC31610	Certificate III in Lands, Parks and Wildlife
AHC31710	Certificate III in Natural Area Restoration
AHC31810	Certificate III in Vertebrate Pest Management
AHC31910	Certificate III in Weed Management
AHC40910	Certificate IV in Conservation and Land Management
AHC51110	Diploma of Conservation and Land Management

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training within Queensland and across other States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing availability of User Choice and Preferred Supplier RTOs, probation and duration details, availability as full-time, part-time, including school based options (if available) will become available over time at on-line services Queensland Training Information Service: - <https://www.trainandemploy.qld.gov.au>.

## SOUTH AUSTRALIA – AUSTRALIAN APPRENTICESHIP PATHWAYS

These lists indicatively identify the qualifications that can be undertaken, in conjunction with apprenticeships and traineeships in South Australia, from the Agriculture, Horticulture and Conservation and Land Management National Training Package (AHC10).

### Rural Traineeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20110	Certificate II in Agriculture
AHC30110	Certificate III in Agriculture
AHC30210	Certificate III in Agriculture (Dairy Production)
AHC30310	Certificate III in Horse Breeding
AHC30410	Certificate III in Pork Production
AHC30510	Certificate III in Poultry Production
AHC40110	Certificate IV in Agriculture
AHC20310	Certificate II in Production Horticulture
AHC30610	Certificate III in Production Horticulture
AHC40310	Certificate IV in Production Horticulture
AHC41010	Certificate IV in Agribusiness
AHC21110	Certificate II in Irrigation
AHC32410	Certificate III in Irrigation
AHC41110	Certificate IV in Irrigation
AHC32610	Certificate III in Rural Machinery Operations
AHC32710	Certificate III in Rural Merchandising
AHC21210	Certificate II in Rural Operations
AHC32810	Certificate III in Rural Operations
AHC21310	Certificate II in Shearing
AHC33010	Certificate III in Wool Clip Preparation
AHC41310	Certificate IV in Wool Classing
AHC21410	Certificate II in Wool Handling
AHC33110	Certificate III in Advanced Wool Handling
AHC50110	Diploma of Agriculture
AHC60110	Advanced Diploma of Agriculture

### Horticulture Traineeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21510	Certificate II in Floriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20710	Certificate II in Production Nursery
AHC20810	Certificate II in Retail Nursery
AHC20910	Certificate II in Sports Turf Management
AHC30710	Certificate III in Horticulture
AHC30810	Certificate III in Arboriculture
AHC33210	Certificate III in Floriculture
AHC31010	Certificate III in Parks and Gardens
AHC31310	Certificate III in Sports Turf Management
AHC30910	Certificate III in Landscape Construction
AHC31110	Certificate III in Production Nursery

<b>Code</b>	<b>Qualification</b>
AHC31210	Certificate III in Retail Nursery
AHC40410	Certificate IV in Horticulture
AHC40510	Certificate IV in Parks and Gardens
AHC40610	Certificate IV in Production Nursery
AHC40710	Certificate IV in Retail Nursery
AHC40810	Certificate IV in Sports Turf Management
AHC50410	Diploma of Horticulture
AHC50510	Diploma of Arboriculture
AHC50610	Diploma of Landscape Design
AHC50710	Diploma of Parks and Gardens Management
AHC50810	Diploma of Production Nursery Management
AHC50910	Diploma of Retail Nursery Management
AHC51010	Diploma of Sports Turf Management
AHC60210	Advanced Diploma of Horticulture

### **Conservation and Land Management Traineeships**

#### **Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC21010	Certificate II in Conservation and Land Management
AHC31410	Certificate III in Conservation and Land Management
AHC40910	Certificate IV in Conservation and Land Management
AHC51110	Diploma of Conservation and Land Management
AHC60410	Advanced Diploma of Conservation and Land Management

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training within South Australia and across States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing occupations, nominal terms and nominal hours will become available over time on the SA Department of Further Education, Employment, Science and Technology (DFEEST) website at: <http://www.dfeest.sa.gov.au/Services/Apprenticestrainees/Publicationsandforms/tabid/317/Default.aspx> Traineeship and Apprenticeships Pathways Schedule.



## **TASMANIA – AUSTRALIAN APPRENTICESHIP PATHWAYS**

### **Rural Traineeships**

#### **Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC20110	Certificate II in Agriculture
AHC30110	Certificate III in Agriculture
AHC40110	Certificate IV in Agriculture
AHC50110	Diploma of Agriculture
AHC20310	Certificate II in Production Horticulture
AHC30610	Certificate III in Production Horticulture
AHC21110	Certificate II in Irrigation
AHC32410	Certificate III in Irrigation
AHC21310	Certificate II in Shearing
AHC32710	Certificate III in Rural Merchandising
AHC32810	Certificate III in Rural Operations

### **Horticulture Apprenticeships and Traineeships**

#### **Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20910	Certificate II in Sports Turf Management
AHC30710	Certificate III in Horticulture
AHC30810	Certificate III in Arboriculture
AHC40410	Certificate IV in Horticulture

#### **Anticipated Apprenticeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC31010	Certificate III in Parks and Gardens
AHC31310	Certificate III in Sports Turf Management
AHC30910	Certificate III in Landscape Construction
AHC31210	Certificate III in Retail Nursery

### **Conservation and Land Management Traineeships**

#### **Anticipated Traineeship Qualifications available under a varied Conservation and Land Management Order:**

<b>Code</b>	<b>Qualification</b>
AHC21010	Certificate II in Conservation and Land Management
AHC31410	Certificate III in Conservation and Land Management
AHC40910	Certificate IV in Conservation and Land Management
AHC51110	Diploma of Conservation and Land Management

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training within Tasmania and across other States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing occupations, nominal terms and nominal hours will become available, over time, on the Skills Tasmania website at: <http://www.skills.tas.gov.au/learners/apprenticeships/approvedtas>

## VICTORIA – AUSTRALIAN APPRENTICESHIP PATHWAYS

### Rural Traineeships

#### Anticipated Traineeship Qualifications:

<b>Code</b>	<b>Qualification</b>
AHC20110	Certificate II in Agriculture
AHC20210	Certificate II in Poultry Production Operations
AHC30110	Certificate III in Agriculture
AHC30210	Certificate III in Agriculture (Dairy Production)
AHC30310	Certificate III in Horse Breeding
AHC30410	Certificate III in Pork Production
AHC30510	Certificate III in Poultry Production
AHC40110	Certificate IV in Agriculture
AHC40210	Certificate IV in Poultry Production
AHC20310	Certificate II in Production Horticulture
AHC30610	Certificate III in Production Horticulture
AHC40310	Certificate IV in Production Horticulture
AHC41010	Certificate IV in Agribusiness
AHC32010	Certificate III in Beekeeping
AHC32110	Certificate III in Commercial Seed Processing
AHC32210	Certificate III in Commercial Composting
AHC32310	Certificate III in Conservation Earthworks
AHC21110	Certificate II in Irrigation
AHC32410	Certificate III in Irrigation
AHC41110	Certificate IV in Irrigation
AHC32610	Certificate III in Rural Machinery Operations
AHC32710	Certificate III in Rural Merchandising
AHC21210	Certificate II in Rural Operations
AHC32810	Certificate III in Rural Operations
AHC21310	Certificate II in Shearing
AHC32910	Certificate III in Shearing
AHC41210	Certificate IV in Shearing
AHC33010	Certificate III in Wool Clip Preparation
AHC41310	Certificate IV in Wool Classing
AHC21410	Certificate II in Wool Handling
AHC33110	Certificate III in Advanced Wool Handling

### Horticulture Apprenticeships and Traineeships

#### Anticipated Traineeship Qualifications:

<b>Code</b>	<b>Qualification</b>
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21510	Certificate II in Floriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20710	Certificate II in Production Nursery
AHC20810	Certificate II in Retail Nursery
AHC20910	Certificate II in Sports Turf Management
AHC30710	Certificate III in Horticulture
AHC30810	Certificate III in Arboriculture
AHC33210	Certificate III in Floriculture
AHC40410	Certificate IV in Horticulture

### Anticipated Apprenticeship Qualifications:

Code	Qualification
AHC31010	Certificate III in Parks and Gardens
AHC31310	Certificate III in Sports Turf Management
AHC30910	Certificate III in Landscape Construction
AHC31110	Certificate III in Production Nursery
AHC31210	Certificate III in Retail Nursery

### Conservation and Land Management Traineeships

#### Anticipated Traineeship Qualifications available under a varied Conservation and Land Management Order:

Code	Qualification
AHC21010	Certificate II in Conservation and Land Management
AHC31410	Certificate III in Conservation and Land Management
AHC31510	Certificate III in Indigenous Land Management
AHC31610	Certificate III in Lands, Parks and Wildlife
AHC31710	Certificate III in Natural Area Restoration
AHC31810	Certificate III in Vertebrate Pest Management
AHC31910	Certificate III in Weed Management
AHC40910	Certificate IV in Conservation and Land Management

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training within Victoria and across States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing nominal terms, availability as full-time, part-time, including school based options (if available) will become available, over time, on the Skills Victoria website through their publication - **Industry Guides for Apprenticeships and Traineeships in Victoria** which can be found at: <http://www.skills.vic.gov.au/for-business/recruiting/apprenticeship-guides-by-industry>

## WESTERN AUSTRALIA – AUSTRALIAN APPRENTICESHIP PATHWAYS

### Rural Traineeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20110	Certificate II in Agriculture
AHC30110	Certificate III in Agriculture
AHC30210	Certificate III in Agriculture (Dairy Production)
AHC32010	Certificate III in Beekeeping
AHC30310	Certificate III in Horse Breeding
AHC30410	Certificate III in Pork Production
AHC40110	Certificate IV in Agriculture
AHC20310	Certificate II in Production Horticulture
AHC30610	Certificate III in Production Horticulture
AHC40310	Certificate IV in Production Horticulture
AHC21110	Certificate II in Irrigation
AHC32410	Certificate III in Irrigation
AHC41110	Certificate IV in Irrigation
AHC32710	Certificate III in Rural Merchandising
AHC21210	Certificate II in Rural Operations
AHC32810	Certificate III in Rural Operations
AHC21310	Certificate II in Shearing
AHC32910	Certificate III in Shearing
AHC41210	Certificate IV in Shearing
AHC33010	Certificate III in Wool Clip Preparation
AHC41310	Certificate IV in Wool Classing
AHC21410	Certificate II in Wool Handling
AHC33110	Certificate III in Advanced Wool Handling

### Horticulture Apprenticeships and Traineeships

#### Anticipated Traineeship Qualifications:

Code	Qualification
AHC20410	Certificate II in Horticulture
AHC20510	Certificate II in Arboriculture
AHC21510	Certificate II in Floriculture
AHC21610	Certificate II in Landscaping
AHC20610	Certificate II in Parks and Gardens
AHC20810	Certificate II in Retail Nursery
AHC20710	Certificate II in Production Nursery
AHC20910	Certificate II in Sports Turf Management
AHC30710	Certificate III in Horticulture
AHC30810	Certificate III in Arboriculture
AHC33210	Certificate III in Floriculture
AHC40410	Certificate IV in Horticulture
AHC40810	Certificate IV in Sports Turf Management
AHC40710	Certificate IV in Retail Nursery
AHC40510	Certificate IV in Parks and Gardens

#### Anticipated Apprenticeship Qualifications:

Code	Qualification
AHC31010	Certificate III in Parks and Gardens
AHC31310	Certificate III in Sports Turf Management
AHC30910	Certificate III in Landscape Construction

<b>Code</b>	<b>Qualification</b>
AHC31110	Certificate III in Production Nursery
AHC31210	Certificate III in Retail Nursery

### **Conservation and Land Management Traineeships**

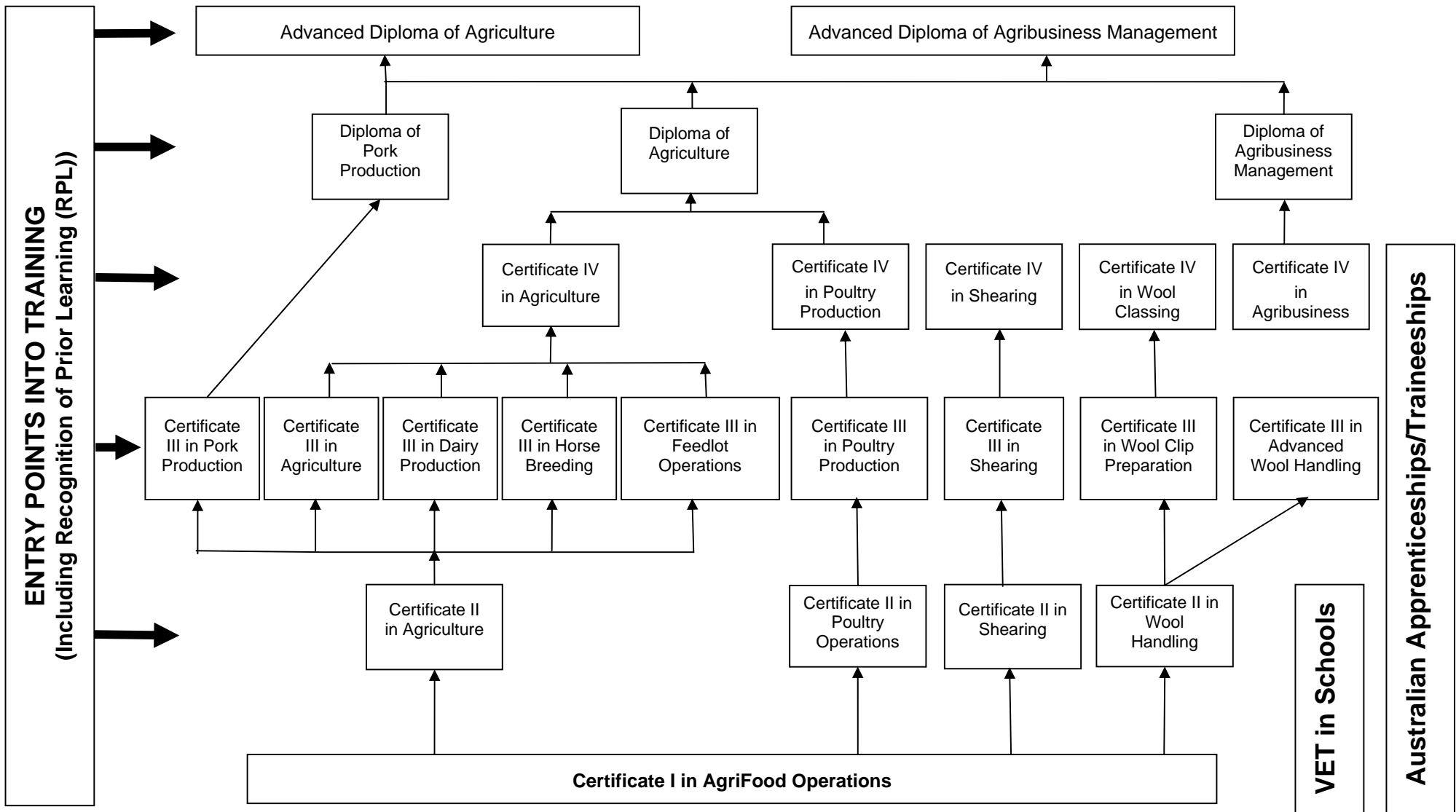
#### **Anticipated Traineeship Qualifications:**

<b>Code</b>	<b>Qualification</b>
AHC21010	Certificate II in Conservation and Land Management
AHC31410	Certificate III in Conservation and Land Management
AHC40910	Certificate IV in Conservation and Land Management

Information on Registered Training Organisations (RTOs) accredited to deliver Rural, Horticulture and Conservation and Land Management training within Western Australia and across States and Territories from the AHC10 Training Package will progressively become available on Training.gov.au (TGA), the database on Vocational Education and Training in Australia - website at: <http://training.gov.au>.

Information detailing nominal terms, availability as full-time, part-time, including school based options (if available) will become available, over time, through the Western Australian Government's ApprentiCentre website at <http://www.trainingwa.wa.gov.au/apprenticentre/detcms/portal/>

## AHC10 PATHWAYS – AGRICULTURE INDUSTRY FOCUS



## **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 electives group A or B 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 agriculture.

### **CORE UNITS**

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

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

#### **Work**

AHCWRK209A - Participate in environmentally sustainable work practices	
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### **ELECTIVE UNITS GROUP A**

#### **Broad Acre Cropping**

AHCBAC201A - Assist agricultural crop establishment	
AHCBAC202A - Assist agricultural crop maintenance	
AHCBAC203A - Assist agricultural crop harvesting	
AHCBAC204A - Prepare grain storages	
AHCBAC205A - Operate cane haulage vehicle	

#### **Dairy**

AHCDRY201A - Milk livestock	
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#### **Livestock**

AHCLSK201A - Assist with feeding in a production system	
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	
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	

### **Water**

AHCWAT201A - Set up, operate and maintain water delivery system	
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### **Work**

AHCWRK204A - Work effectively in the industry	
AHCWRK205A - Participate in workplace communications	

## **ELECTIVE UNITS GROUP B**

### **Artificial Insemination**

AHCAIS201A - Assist with artificial insemination procedures	
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### **Beekeeping**

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

### **Biosecurity**

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

### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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### **Drainage**

AHCDRG201A - Maintain drainage systems	
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### **First Aid**

HLTFA201A - Provide basic emergency life support	
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### **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	

### **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	
AHCIRG202A - Assist with the operation of pressurised irrigation	
AHCIRG204A - Lay irrigation and/or drainage pipes	
AHCIRG205A - Maintain gravity-fed irrigation systems	
AHCIRG206A - Maintain pressurised irrigation systems	

## **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	
AHCMOM206A - Conduct grader operations	
AHCMOM207A - Conduct front-end loader operations	
AHCMOM208A - Conduct excavator operations	
AHCMOM209A - Conduct dozer operations	
AHCMOM210A - Conduct scraper operations	
AHCMOM212A - Operate quad bikes	
FPICOT2234A - Operate 4x4 vehicle	
TLID1007C - Operate a forklift	
TLID2207C - Conduct weighbridge operations	

## **Pest Management**

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

## **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	
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### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### **Tools and Equipment**

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

### **Vertebrate Pests**

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

### **Wool**

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

### **Work**

AHCWRK201A - Observe and report on weather	
AHCWRK203A - Operate in isolated and remote situations	
AHCWRK206A - Observe enterprise quality assurance procedures	
AHCWRK207A - Collect and record production data	
TLID107C - Shift materials safely using manual handling methods	

## **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**

AHCPY202A - Maintain health and welfare of poultry	
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#### **Livestock**

AHCLSK209A - Monitor water supplies	
AHCLSK213A - Clean out production sheds	

#### **Work**

AHCWRK206A - Observe enterprise quality assurance procedures	
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#### **Biosecurity**

AHCBIO202A - Follow safe quarantine procedures	
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### **ELECTIVE UNITS**

#### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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#### **Livestock**

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

#### **Poultry**

AHCPY201A - Collect, store and handle eggs from breeder flocks	
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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	
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### **Food**

FDFOPTHCP3A - Participate in a HACCP team	
FDZCSCIP2A - Clean equipment in place	
FDZCSCS2A - Clean and sanitize equipment	

### **Machinery Operation and Maintenance**

AHCMOM202A - Operate tractors	
AHCMOM204A - Undertake operational maintenance of machinery	
AHCMOM212A - Operate quad bikes	
TLID1007C - Operate a forklift	

### **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	
TLID107C - 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	
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### **ELECTIVE UNITS GROUP A**

#### **Biosecurity**

AHCBIO301A - Work effectively in an emergency disease or plant pest response	
AHCBIO302A - Identify and report unusual disease or plant pest signs	

#### **Broad Acre Cropping**

AHCBAC301A - Conserve forage	
AHCBAC302A - Establish pastures and crops for livestock production	
AHCBAC305A - Undertake preparation of land for agricultural crop production	
AHCBAC306A - Establish agricultural crops	
AHCBAC307A - Maintain agricultural crops	
AHCBAC308A - Undertake agricultural crop harvesting activities	

#### **Chemicals**

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

## **Livestock**

AHCLSK301A - Administer medication to livestock	
AHCLSK302A - Mate and monitor reproduction of alpacas	
AHCLSK303A - Carry out feedlot operations	
AHCLSK304A - Carry out post-mortem examination of livestock	
AHCLSK305A - Maintain livestock water supplies	
AHCLSK306A - Coordinate and monitor production performance	
AHCLSK307A - Euthanase livestock	
AHCLSK308A - Identify and draft livestock	
AHCLSK309A - Implement animal health control programs	
AHCLSK310A - Implement feeding plans for intensive production	
AHCLSK311A - Implement feeding plans for livestock	
AHCLSK312A - Coordinate artificial insemination and fertility management of livestock	
AHCLSK313A - Monitor livestock production growing environments	
AHCLSK314A - Prepare animals for parturition	
AHCLSK315A - Prepare for and implement natural mating of livestock	
AHCLSK316A - Prepare livestock for competition	
AHCLSK317A - Plan to exhibit livestock	
AHCLSK318A - Rear newborn and young livestock	
AHCLSK319A - Slaughter 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	
AHCLSK324A - Care for and train working dogs	
AHCLSK325A - Castrate livestock	
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	
AHCLSK331A - Comply with industry animal welfare requirements	

## **Machinery Operation and Maintenance**

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	
AHCMOM315A - Operate chemical application machinery and equipment	

## **ELECTIVE UNITS GROUP B**

### **Agribusiness**

AHCAGB301A - Keep records for a primary production business	
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### **Artificial Insemination**

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

### **Biosecurity**

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**

AHCBAC303A - Prepare to receive grains/seeds	
AHCBAC304A - Test grains/seeds on receipt	

### **Business**

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

### **Chemicals**

AHCCHM301A - Conduct fumigation in enclosed spaces	
AHCCHM302A - Fumigate soil using chemicals	
AHCCHM305A - Conduct manual fumigation of vertebrate and invertebrate pests	

### **Drainage**

AHCDRG301A - Install drainage systems	
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### **Fire**

PUAFIR204B - Respond to wildfire	
PRMPFES05B - Use portable fire fighting equipment	

### **First Aid**

HLTFA301B - Apply first aid	
HLTFA302A - Provide first aid in remote situation	

### **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	

### **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	

## **Machinery Operation and Maintenance**

AHCMOM202A - Operate tractors	
AHCMOM206A - Conduct grader operations	
AHCMOM207A - Conduct front-end loader operations	
AHCMOM301A - Coordinate machinery and equipment maintenance and repair	
AHCMOM302A - Perform machinery maintenance	
AHCMOM304A - Operate machinery and equipment	
AHCMOM305A - Operate specialised machinery and equipment	
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	
RIIMPO319A - Conduct backhoe/loader operations	
RIIMPO324A - Conduct civil construction grader operations	
RIIMPO318A - Conduct skid steer loader operations	
TLID1007C - Operate a forklift	
TLILIC108A - License to operate a forklift truck	

## **Merchandising and Sales**

AHCMER301A - Process customer complaints	
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## **Parks and Gardens**

AHCPGD402A - Plan a plant establishment program	
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## **Pest Management**

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

## **Plants**

AHCPM301A - Implement a plant nutrition program	
AHCPM302A - Provide information on plants and their culture	
AHCPM303A - Identify an unknown plant specimen	

## **Production Horticulture**

AHCPHT301A - Carry out a crop regulation program	
AHCPHT302A - Coordinate horticultural crop harvesting	
AHCPHT303A - Implement a post-harvest program	
AHCPHT304A - Harvest horticultural crops mechanically	
AHCPHT305A - Regulate crops	
AHCPHT306A - Establish horticultural crops	

## **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	
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## **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	
MEM05012C - Perform routine manual metal arc welding	
MEM05015D - Weld using manual metal arc welding process	
MEM05017D - Weld using gas metal arc welding process	
MEM05019D - Weld using gas tungsten arc welding process	

## **Vertebrate Pests**

AHCVPT302A - Implement vertebrate pest control program	
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## **Wool**

AHCWOL304A - Prepare fleece wool for classing	
AHCWOL308A - Prepare facilities for shearing and crutching	
AHCWOL309A - Apply quality assurance procedures in wool preparation	
AHCWOL310A - Press wool for a clip	
AHCWOL311A - Perform shed duties	
AHCWOL312A - Class goat fibre	
AHCWOL313A - Class alpaca fleece	

## **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	

## **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	
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#### **Dairy**

AHCDRY301A - Coordinate milking operations	
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#### **Livestock**

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

#### **Chemicals**

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

#### **Infrastructure**

AHCINF302A - Plan and construct an electric fence	
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#### **Work**

AHCWRK303A - Respond to emergencies	
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## **ELECTIVE UNITS**

### **Livestock**

AHCLSK301A - Administer medication to livestock	
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	

### **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	

### **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	

### **Machinery Operation and Maintenance**

AHCMOM305A - Operate specialised machinery and equipment	
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### **Dairy**

AHCDRY302A - Operate a dairy recycling system	
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### **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 standardbreds and thoroughbreds	
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	
AHCWRK312A - 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	
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#### 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**

### **Pork Production**

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

### **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	

### **Vertebrate Pests**

AHCVPT302A - Implement vertebrate pest control program	
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## 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	
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#### Biosecurity

AHCBIO302A - Identify and report unusual disease or plant pest signs	
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#### Food

FDFOPTHCP3A - Participate in a HACCP team	
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#### 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	
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## 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	

#### Dairy

AHCDRY401A - Manage milking shed routines	
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#### 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	
AHCLSK403A - Escort animals during export	
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	

### **Pork Production**

AHCPRK401A - Implement a feeding strategy for pig production	
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## **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	
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### **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	
BSBSMB405A - 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**

AHCCHM401A - Minimise risk in the use of 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	
AHCIRG403A - Determine seasonal irrigation scheduling tasks	
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	

## **Machinery Operation and Maintenance**

AHCMOM401A - Conduct major repair and overhaul of machinery & equipment	
AHCMOM402A - Supervise maintenance of machinery and 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	

## **Pest Management**

AHCPMG408A - Control weeds, pests and/or diseases	
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## **Plants**

AHPCPM402A - Develop a soil health and plant nutrition program	
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## **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	
TAADEL301C - Provide training through instruction and demonstration of work skills	

## 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	
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#### Biosecurity

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

FDFCORFSY2A - Implement the food safety program and procedures	
FDFCORQFS3A - Monitor the implementation of quality & food safety program	

**Merchandising and Sales**

SIRXSL004A - Build relationships with customers	
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**Occupational Health and Safety**

AHCOHS401A - Maintain OHS processes	
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**Poultry**

AHCPLY401A - Supervise free-range poultry operations	
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**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) a minimum of five (5) units from elective group A
- b) a minimum of three (3) units from elective groups A or B
- c) 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	
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### **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	
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### **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	
BSBRISK501A - Manage risk	
TLIL1907C - Implement and monitor transport logistics	
TLIR207C - Source goods/services and evaluate contractors	
TLIR307C - Negotiate a contract	

#### **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	
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#### **Livestock**

AHCLSK506A - Design livestock effluent systems	
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#### **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	
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### **Natural Area Restoration**

AHCNAR506A - Develop and implement sustainable land use strategies	
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### **Organic Production**

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

### **Shearing**

AHCSHG405A - Arrange employment for shearing operations	
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### **Water**

AHCWAT502A - Manage water systems	
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### **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 - (AHC50210)**

### **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>
AHCLSK501A - Manage livestock production	
AHCLSK504A - Develop livestock health and welfare strategies	

### **ELECTIVE UNITS**

#### **Pork Production**

AHCPRK401A - Implement a feeding strategy for pig production	
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#### **Livestock**

AHCLSK405A - Implement intensive production systems	
AHCLSK416A - Identify and select animals for breeding	
AHCLSK503A - Develop and implement a breeding strategy	
AHCLSK505A - Develop production plans for livestock	

#### **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	

## **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	
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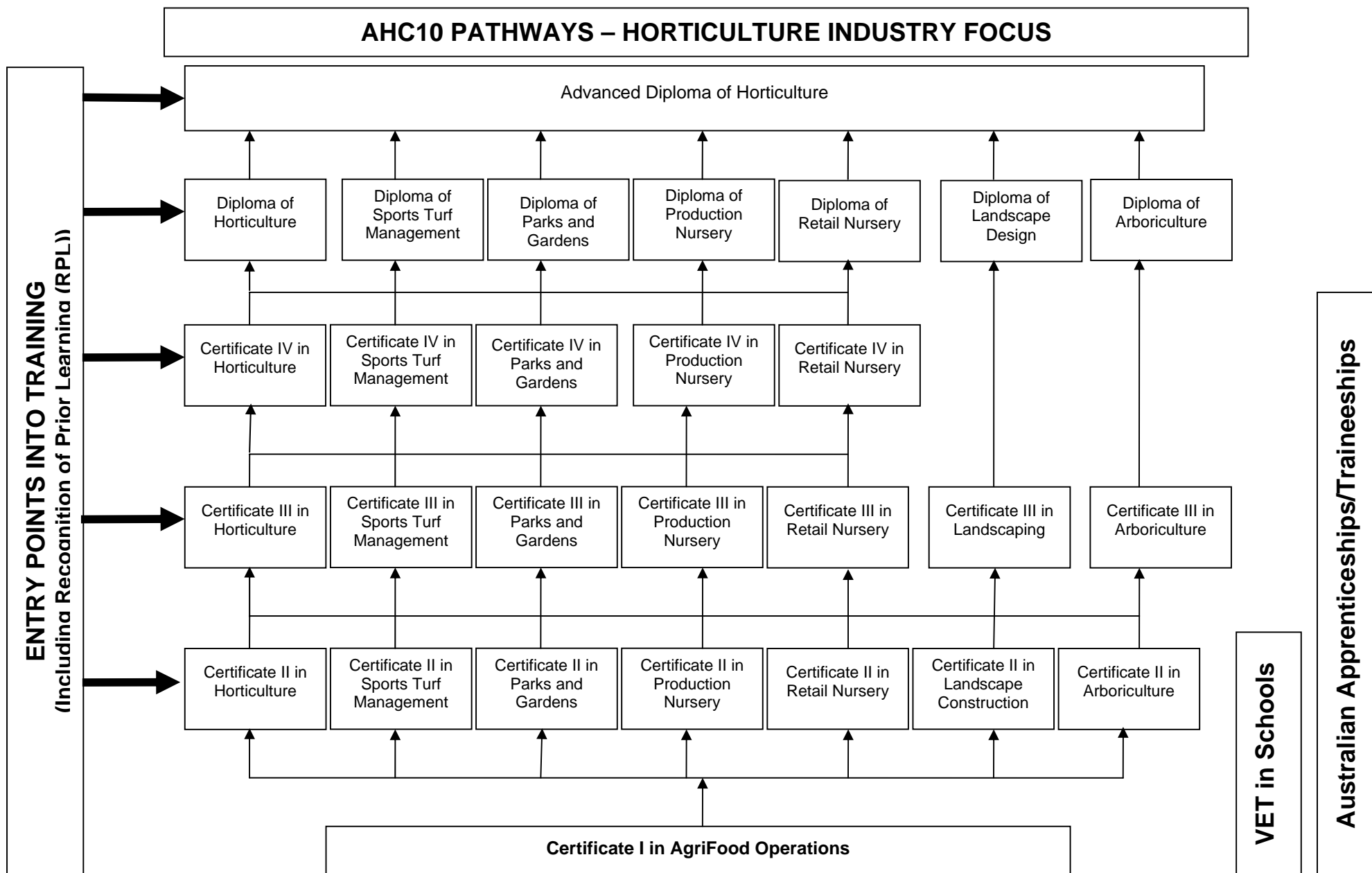
#### **Merchandising and Sales**

AHCMER501A - Develop a sales strategy for rural products	
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#### **Work**

AHCWRK601A - Monitor projects in a program	
AHCWRK602A - Lead and manage community or industry organisations	
AHCWRK603A - Design and conduct a field-based research trial	
PRMWM45B - Develop site safety plan	
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 PATHWAYS – HORTICULTURE INDUSTRY FOCUS



## CERTIFICATE II IN HORTICULTURE – (AHC20410)

### QUALIFICATION NOTES

This qualification underpins a range of work functions and job roles that can lead to a horticultural trade qualification.

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

Horticulture worker  
Horticulture assistant

### PACKAGING RULES

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

- a) two (2) core units
- b) a minimum of three (3) 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 elective groups A or B 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 meet job outcomes relevant to horticulture.

### CORE UNITS

#### Occupational Health and Safety

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

#### Work

AHCWRK209A - Participate in environmentally sustainable work practices	
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### ELECTIVE UNITS GROUP A

#### Plants

AHPCPM201A - Recognise plants	
AHPCPM202A - Collect, prepare and preserve plant specimens	

#### Arboriculture

AHCARB201A - Apply a range of treatments to trees	
AHCARB202A - Fell small trees	
AHCARB203A - Perform above ground pruning	
AHCARB204A - Undertake standard climbing techniques	
AHCARB205A - Operate and maintain chainsaws	
AHCARB206A - Undertake stump removal	
FPICOT2221B - Trim and cross cut felled trees	
FPIFGM2208A - Fall trees manually (basic)	
FPIFGM3204A - Fall trees manually (intermediate)	
FPIHAR2206A - Operate a mobile chipper/mulcher	

#### Landscape

AHCLSC201A - Assist with landscape construction work	
AHCLSC202A - Construct low profile timber or modular retaining walls	
AHCLSC203A - Install aggregate paths	
AHCLSC204A - Lay paving	
AHCLSC205A - Install tree protection devices	

## **Nursery**

AHCNSY201A - Pot up plants	
AHCNSY202A - Tend nursery plants	
AHCNSY203A - Undertake propagation activities	
AHCNSY204A - Maintain indoor plants	

## **Parks and Gardens**

AHCPGD201A - Plant trees and shrubs	
AHCPGD202A - Prepare and maintain plant displays	
AHCPGD203A - Prune shrubs and small trees	
AHCPGD204A - Transplant small trees	
AHCPGD205A - Prepare a grave site	
AHCPGD206A - Conduct visual inspection of park facilities	

## **Turf**

AHCTRF201A - Assist with turf construction	
AHCTRF202A - Prepare turf surfaces for play	
AHCTRF203A - Renovate grassed areas	
AHCTRF204A - Support turf establishment	

## **ELECTIVE UNITS GROUP B**

### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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### **Infrastructure**

AHCINF203A - Maintain properties and structures	
AHCINF204A - Fabricate and repair metal or plastic structures	

### **Irrigation**

AHCIRG202A - Assist with the operation of pressurised irrigation	
AHCIRG203A - Install micro-irrigation systems	
AHCIRG204A - Lay irrigation and/or drainage pipes	
AHCIRG206A - Maintain pressurised irrigation systems	

### **Machinery Operation and Maintenance**

AHCMOM202A - Operate tractors	
AHCMOM203A - Operate basic machinery and equipment	
AHCMOM204A - Undertake operational maintenance of machinery	
AHCMOM205A - Operate vehicles	
AHCMOM211A - Operate side by side utility vehicles	
AHCMOM212A - Operate quad bikes	

### **Merchandising and Sales**

SIRXADM001A - Apply retail office procedures	
SIRXCCS001A - Apply point of sale handling procedures	
SIRXCCS002A - Interact with customers	
SIRXCLM001A - Organise and maintain work areas	
SIRXFIN001A - Balance point-of-sale terminal	
SIRXFIN002A - Perform retail finance duties	
SIRXINV002A - Maintain and order stock	
SIRXICT001A - Operate retail technology	
SIRXMER001A - Merchandise products	

SIRXSLS001A - Sell products and services	
SIRXSLS002A - Advise on products and services	

### **Pest Management**

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

### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### **Tools and Equipment**

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

### **Work**

AHCWRK204A - Work effectively in the industry	
AHCWRK205A - Participate in workplace communications	
AHCWRK206A - Observe enterprise quality assurance procedures	
AHCWRK207A - Collect and record production data	
AHCWRK208A - Provide information on products and services	
AHCWRK209A - Participate in environmentally sustainable work practices	
TLID107C - Shift materials safely using manual handling methods	



## CERTIFICATE II IN ARBORICULTURE – (AHC20510)

### QUALIFICATION NOTES

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

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

Tree worker  
Ground worker

### PACKAGING RULES

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

- a) ten (10) core units
- b) a minimum of two (2) elective units
- c) 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 the arboriculture industry.

### CORE UNITS

#### Occupational Health and Safety

	<b>NOTES</b>
CPCCOHS2001A - Apply OHS requirements, policies and procedures in the construction industry	

#### Arboriculture

AHCARB202A - Fell small trees	
AHCARB203A - Perform above ground pruning	
AHCARB204A - Undertake standard climbing techniques	
AHCARB206A - Undertake stump removal	
AHCARB207A - Perform ground based rigging	
FPICOT2221B - Trim and cross cut felled trees	
FPIHAR2206A - Operate a mobile chipper/mulcher	

#### First Aid

HLTFA201A - Provide basic emergency life support	
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#### Work

TLID107C - Shift materials safely using manual handling methods	
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### ELECTIVE UNITS

#### Arboriculture

AHCARB201A - Apply a range of treatments to trees	
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#### Chemicals

AHCCHM201A - Apply chemicals under supervision	
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## **Landscape**

AHCLSC205A - Install tree protection devices	
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## **Machinery Operation and Maintenance**

AHCMOM204A - Undertake operational maintenance of machinery	
AHCMOM207A - Conduct front end loader operations	
CPCCCM3001A - Operate elevated work platforms	
CPCCCM1006A - Work safely at heights	
RIIMPO318A - Conduct skid steer loader operations	

## **Pest Management**

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

## **Plants**

AHPCPM201A - Recognise plants	
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## **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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## **Work**

AHCWRK206A - Observe enterprise quality assurance procedures	
AHCWRK209A - Participate in environmentally sustainable work practices	
CPCCCM3003A - Work safely around power sources, services and assets	
RIIOHS205A - Control traffic with a stop-slow bat	

## CERTIFICATE II IN FLORICULTURE – (AHC21510)

### QUALIFICATION NOTES

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

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

Flower grower

### PACKAGING RULES

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

- a) one (1) core unit
- b) a minimum of three (3) units from elective group A
- c) a minimum of eight (8) units 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 the flower growing industry.

### CORE UNIT

#### Occupational Health and Safety

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

### ELECTIVE UNITS GROUP A

#### Plants

AHPCPM201A - Recognise plants	
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#### Nursery

AHCNSY201A - Pot up plants	
AHCNSY202A - Tend nursery plants	
AHCNSY203A - Undertake propagation activities	

#### Production Horticulture

AHCPHT201A - Plant horticultural crops	
AHCPHT203A - Support horticultural crop harvesting	
AHCPHT204A - Undertake field budding and grafting	
AHCPHT205A - Carry out post-harvest operations	

#### Soils and Media

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### ELECTIVE UNITS GROUP B

#### Biosecurity

AHCBIO202A - Follow site quarantine procedures	
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#### Chemicals

AHCCHM201A - Apply chemicals under supervision	
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### **Drainage**

AHCDRG201A - Maintain drainage systems	
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### **Infrastructure**

AHCINF203A - Maintain properties and structures	
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### **Irrigation**

AHCIRG202A - Assist with the operation of pressurised irrigation	
AHCIRG206A - Maintain pressurised irrigation systems	

### **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	
AHCMOM211A - Operate side by side utility vehicles	
FPICOT2234A - Operate 4 X 4 vehicle	
TLID1007C - Operate a forklift	

### **Nursery**

AHCNSY204A - Maintain indoor plants	
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### **Pest Management**

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

### **Work**

AHCWRK206A - Observe enterprise quality assurance procedures	
AHCWRK207A - Collect and record production data	
AHCWRK208A - Provide information on products and services	
AHCWRK209A - Participate in environmentally sustainable work practices	
TLID107C - Shift materials safely using manual handling methods	

## **CERTIFICATE II IN LANDSCAPING – (AHC21610)**

### **QUALIFICATION NOTES**

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

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

Landscape labourer

Landscape trades assistant

### **PACKAGING RULES**

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

- a) eight (8) core units
- b) a minimum of four (4) elective units
- c) a maximum of three (3) units may be selected from the elective unit 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 meet job outcomes relevant to landscaping.

### **CORE UNITS**

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

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

#### **Landscape**

AHCLSC201A - Assist with landscape construction work	
AHCLSC202A - Construct low profile timber or modular retaining walls	
AHCLSC203A - Install aggregate paths	
AHCLSC204A - Lay paving	

#### **Machinery Operation and Maintenance**

AHCMOM203A - Operate basic machinery and equipment	
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#### **Parks and Gardens**

AHCPGD201A - Plant trees and shrubs	
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#### **Plants**

AHPCPM201A - Recognise plants	
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### **ELECTIVE UNITS**

#### **Arboriculture**

AHCARB201A - Apply a range of treatments to trees	
AHCARB205A - Operate and maintain chainsaws	

#### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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## **Infrastructure**

AHCINF203A - Maintain properties and structures	
AHCINF204A - Fabricate and repair metal or plastic structures	

## **Irrigation**

AHCIRG202A - Assist with the operation of pressurised irrigation	
AHCIRG203A - Install micro-irrigation systems	
AHCIRG204A - Lay irrigation and/or drainage pipes	
AHCIRG206A - Maintain pressurised irrigation systems	

## **Landscape**

AHCLSC205A - Install tree protection devices	
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## **Machinery Operation and Maintenance**

AHCMOM202A - Operate tractors	
AHCMOM204A - Undertake operational maintenance of machinery	
AHCMOM205A - Operate vehicles	

## **Parks and Gardens**

AHCPGD202A - Prepare and maintain plant displays	
AHCPGD203A - Prune shrubs and small trees	
AHCPGD204A - Transplant small trees	

## **Pest Management**

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

## **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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## **Turf**

AHCTRF201A - Assist with turf construction	
AHCTRF202A - Prepare turf surfaces for play	
AHCTRF203A - Renovate grassed areas	
AHCTRF204A - Support turf establishment	

## **Work**

AHCWRK204A - Work effectively in the industry	
AHCWRK205A - Participate in workplace communications	
AHCWRK206A - Observe enterprise quality assurance procedures	
AHCWRK208A - Provide information on products and services	
AHCWRK209A - Participate in environmentally sustainable work practices	

## **CERTIFICATE II IN PARKS AND GARDENS – (AHC20610)**

### **QUALIFICATION NOTES**

This qualification provides an occupational outcome in parks and gardens. The parks and gardens industry expects this qualification to be achieved to meet job outcomes at this level.

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

Assistant gardener  
Groundperson

### **PACKAGING RULES**

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

- a) ten (10) core units
- b) a minimum of two (2) elective units
- c) 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 the parks and gardens industry.

### **CORE UNITS**

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

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

#### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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#### **Irrigation**

AHCIRG206A - Maintain pressurised irrigation systems	
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#### **Machinery Operation and Maintenance**

AHCMOM203A - Operate basic machinery and equipment	
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#### **Parks and Gardens**

AHCPGD201A - Plant trees and shrubs	
AHCPGD206A - Conduct visual inspection of park facilities	

#### **Pest Management**

AHCPMG201A - Treat weeds	
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#### **Plants**

AHPCPM201A - Recognise plants	
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#### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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## **Turf**

AHCTRF204A - Support turf establishment	
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## **ELECTIVE UNITS**

### **Arboriculture**

AHCARB201A - Apply a range of treatments to trees	
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### **Irrigation**

AHCIRG203A - Install micro-irrigation systems	
AHCIRG204A - Lay irrigation and/or drainage pipes	

### **Landscape**

AHCLSC201A - Assist with landscape construction work	
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### **Machinery Operation and Maintenance**

AHCMOM204A - Undertake operational maintenance of machinery	
AHCMOM211A - Operate side by side utility vehicles	

### **Nursery**

AHCNSY203A - Undertake propagation activities	
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### **Parks and Gardens**

AHCPGD202A - Prepare and maintain plant displays	
AHCPGD203A - Prune shrubs and small trees	
AHCPGD205A - Prepare a grave site	

### **Pest Management**

AHCPMG202A - Treat plant pests, diseases and disorders	
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## **Turf**

AHCTRF202A - Prepare turf surfaces for play	
AHCTRF203A - Renovate grassed areas	

## **Work**

AHCWRK207A - Collect and record production data	
AHCWRK209A - Participate in environmentally sustainable work practices	



## CERTIFICATE II IN PRODUCTION NURSERY – (AHC20710)

### QUALIFICATION NOTES

This qualification provides an occupational outcome in the retail nursery industry. The nursery industry expects this qualification to be achieved to meet job outcomes at this level.

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

Production nursery worker

### PACKAGING RULES

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

- a) seven (7) core units
- b) a minimum of five (5) elective units
- c) 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 the nursery industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Chemicals

AHCCHM201A - Apply chemicals under supervision	
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#### Nursery

AHCNSY201A - Pot up plants	
AHCNSY202A - Tend nursery plants	
AHCNSY203A - Undertake propagation activities	

#### Pest Management

AHCPMG201A - Treat weeds	
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#### Plants

AHPCPM201A - Recognise plants	
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### ELECTIVE UNITS

#### Biosecurity

AHCBIO202A - Follow site quarantine procedures	
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#### Drainage

AHCDRG201A - Maintain drainage systems	
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#### First Aid

HLTFA201A - Provide basic emergency life support	
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### **Infrastructure**

AHCINF203A - Maintain properties and structures	
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### **Irrigation**

AHCIRG202A - Assist with the operation of pressurised irrigation	
AHCIRG206A - Maintain pressurised irrigation systems	

### **Parks and Gardens**

AHCPGD203A - Prune shrubs and small trees	
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### **Pest Management**

AHCPMG202A - Treat plant pests, diseases and disorders	
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### **Machinery Operation and Maintenance**

AHCMOM202A - Operate tractors	
AHCMOM203A - Operate basic machinery and equipment	
AHCMOM211A - Operate side by side utility vehicles	

### **Nursery**

AHCNSY204A - Maintain indoor plants	
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### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### **Work**

AHCWRK204A - Work effectively in the industry	
AHCWRK209A - Participate in environmentally sustainable work practices	

## **CERTIFICATE II IN RETAIL NURSERY – (AHC20810)**

### **QUALIFICATION NOTES**

This qualification provides an occupational outcome in the retail nursery industry. The nursery industry expects this qualification to be achieved to meet job outcomes at this level.

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

Garden Centre sales assistant

### **PACKAGING RULES**

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

- a) seven (7) core units
- b) a minimum of five (5) elective units
- c) 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 the nursery industry.

### **CORE UNITS**

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

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

#### **Plants**

AHPCPM201A - Recognise plants	
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#### **Nursery**

AHCNSY202A - Tend nursery plants	
AHCNSY204A - Maintain indoor plants	

#### **Merchandising and Sales**

SIRXCCS001A - Apply point of sale handling procedures	
SIRXSLS001A - Sell products and services	

#### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### **ELECTIVE UNITS**

#### **Biosecurity**

AHCBIO202A - Follow site quarantine procedures	
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#### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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#### **Drainage**

AHCDRG201A - Maintain drainage systems	
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**First Aid**

HLTFA201A - Provide basic emergency life support	
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**Irrigation**

AHCIRG202A - Assist with the operation of pressurised irrigation	
AHCIRG206A - Maintain pressurised irrigation systems	

**Machinery Operation and Maintenance**

AHCMOM203A - Operate basic machinery and equipment	
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**Merchandising and Sales**

SIRXICT001A - Operate retail technology	
SIRXADM001A - Apply retail office procedures	

**Nursery**

AHCNSY201A - Pot up plants	
AHCNSY203A - Undertake propagation activities	

**Pest Management**

AHCPMG202A - Treat plant pests, diseases and disorders	
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**Work**

AHCWRK204A - Work effectively in the industry	
AHCWRK209A - Participate in environmentally sustainable work practices	

## **CERTIFICATE II IN SPORTS TURF MANAGEMENT – (AHC20910)**

### **QUALIFICATION NOTES**

This qualification provides an occupational outcome in green-keeping. The sports turf industry expects this qualification to be achieved to meet job outcomes at this level.

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

Groundsperson  
Assistant green keeper

### **PACKAGING RULES**

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

- a) ten (10) core units
- b) a maximum of five (5) 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 the turf industry.

### **CORE UNITS**

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

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

#### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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#### **Irrigation**

AHCIRG206A - Maintain pressurised irrigation systems	
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#### **Machinery Operation and Maintenance**

AHCMOM203A - Operate basic machinery and equipment	
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#### **Pest Management**

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

#### **Parks and Gardens**

AHCPGD201A - Plant trees and shrubs	
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#### **Turf**

AHCTRF202A - Prepare turf surfaces for play	
AHCTRF204A - Support turf establishment	

#### **Work**

AHCWRK209A - Participate in environmentally sustainable work practices	
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## CERTIFICATE III IN HORTICULTURE – (AHC30710)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in amenity horticulture. It is not a suitable pathway for horticultural trades.

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

Horticulturalist  
Gardener

### PACKAGING RULES

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

- a) two (2) core units
- b) a minimum of eight (8) units from elective group A
- c) a minimum of three (3) 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 meet job outcomes relevant to horticulture.

### CORE UNITS

#### Occupational Health and Safety

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

#### Work

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### ELECTIVE UNITS GROUP A

#### Plants

AHCP301A - Implement a plant nutrition program	
AHCP302A - Provide information on plants and their culture	
AHCP303A - Identify an unknown plant specimen	

#### Pest Management

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

#### Soils and Media

AHCSOL301A - Prepare growing media	
AHCSOL302A - Construct a soil profile	

#### Arboriculture

AHCARB301A - Implement a tree maintenance program	
AHCARB302A - Conduct tree inspections	
AHCARB303A - Implement a tree pruning program	
AHCARB304A - Fell trees with advanced techniques	
AHCARB305A - Remove trees in confined spaces	
AHCARB306A - Undertake aerial rescue	

AHCARB307A - Undertake complex tree climbing	
AHCARB308A - Install cable and bracing	
AHCARB309A - Implement a tree protection program	
FPIFGM3205A - Fall trees manually (advanced)	

### **Landscape**

AHCLSC301A - Set out site for construction works	
AHCLSC302A - Construct landscape features using concrete	
AHCLSC303A - Construct brick and or block structures and features	
AHCLSC304A - Erect timber structures and features	
AHCLSC305A - Construct stone structures and features	
AHCLSC306A - Implement a paving project	
AHCLSC307A - Implement a retaining wall project	
AHCLSC308A - Install metal structures and features	
AHCLSC309A - Install water features	
AHCLSC310A - Implement a tree transplanting program	

### **Nursery**

AHCNSY301A - Maintain nursery plants	
AHCNSY302A - Receive and dispatch nursery products	
AHCNSY303A - Install and maintain plant displays	
AHCNSY304A - Deliver and promote sales of plants	
AHCNSY305A - Prepare specialised plants	
AHCNSY306A - Implement a propagation plan	
AHCNSY307A - Operate fertigation equipment	

### **Parks and Gardens**

AHCPGD301A - Implement a plant establishment program	
AHCPGD302A - Plan and establish plant displays	
AHCPGD303A - Perform specialist amenity pruning	
AHCPGD304A - Implement a landscape maintenance program	
AHCPGD305A - Conduct operational inspection of park facilities	
AHCPGD306A - Implement a maintenance program for an aquatic environment	

### **Turf**

AHCTRF301A - Construct turf playing surfaces	
AHCTRF302A - Establish turf	
AHCTRF303A - Implement a grassed area maintenance program	
AHCTRF304A - Monitor turf health	
AHCTRF305A - Renovate sports turf	

## **ELECTIVE UNITS GROUP B**

### **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	

### **Chemicals**

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

**Irrigation**

AHCIRG301A - Implement a maintenance program for an irrigation system	
AHCIRG302A - Install irrigation systems	
AHCIRG303A - Measure irrigation delivery system performance	
AHCIRG305A - Operate pressurised irrigation systems	
AHCIRG306A - Troubleshoot irrigation systems	

**Machinery Operation and Maintenance**

AHCMOM304A - Operate machinery and equipment	
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**Water**

AHCWAT301A - Monitor and operate water treatment processes	
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**Work**

AHCWRK305A - Coordinate work site activities	
RIIOHS302A - Implement traffic management plan	



## **CERTIFICATE III IN ARBORICULTURE – (AHC30810)**

### **QUALIFICATION NOTES**

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

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

Arborist

### **PACKAGING RULES**

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

- a) two (2) core units
- b) a minimum of seven (7) units from elective group A
- c) a minimum of four (4) units from elective groups A or B
- d) a maximum of two (2) units may be selected from units aligned to Certificates II, III, IV or Diploma in AHC10 or from any other currently endorsed training package. Selected units must be relevant to job outcomes in the arboriculture industry.

### **CORE UNITS**

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

	<b>NOTES</b>
CPCCOHS2001A - Apply OHS requirements, policies and procedures in the construction industry	

#### **Arboriculture**

AHCARB310A - Perform aerial rigging	
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### **ELECTIVE UNITS GROUP A**

#### **Arboriculture**

AHCARB301A - Implement a tree maintenance program	
AHCARB302A - Conduct tree inspections	
AHCARB303A - Implement a tree pruning program	
AHCARB304A - Fell trees with advanced techniques	
AHCARB305A - Remove trees in confined spaces	
AHCARB306A - Undertake aerial rescue	
AHCARB307A - Undertake complex tree climbing	
FPICOT2221B - Trim and cross cut felled trees	

### **ELECTIVE UNITS GROUP B**

#### **Arboriculture**

AHCARB308A - Install cable and bracing	
FPIFGM3204A - Fall trees manually (intermediate)	
FPIFGM3205A - Fall trees manually (advanced)	

#### **Chemicals**

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

### **First Aid**

HLTFA201A - Provide basic emergency life support	
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### **Machinery Operation and Maintenance**

AHCMOM207A - Conduct front end loader operations	
CPCCCM3001A - Operate elevated work platforms	
CPCCCM1006A - Work safely at heights	
RIIMPO318A - Conduct skid steer loader operations	
TLILIC508A - Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	

### **Plants**

AHPCCM303A - Identify an unknown plant specimen	
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### **Work**

AHCWRK305A - Coordinate work site activities	
AHCWRK311A - Conduct site inspections	
AHCWRK313A - Implement and monitor environmentally sustainable work practices	
CPCCCM3003A - Work safely around power sources, services and assets	
CPCCDO3001A - Perform dogging	
RIIOHS302A - Implement traffic management plan	

## **CERTIFICATE III IN FLORICULTURE – (AHC33210)**

### **QUALIFICATION NOTES**

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

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

Flower 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 flower growing industry.

### **CORE UNIT**

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

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

### **ELECTIVE UNITS GROUP A**

#### **Plants**

AHCPCM301A - Implement a plant nutrition program	
AHCPCM302A - Provide information on plants and their culture	

#### **Soils and Media**

AHCSOL301A - Prepare growing media	
AHCSOL401A - Sample soils and interpret results	

#### **Nursery**

AHCNSY301A - Maintain nursery plants	
AHCNSY302A - Receive and dispatch nursery products	

### **ELECTIVE UNITS GROUP B**

#### **Biosecurity**

AHCBIO302A - Identify and report unusual disease or plant pest signs	
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#### **Chemicals**

AHCCHM301A - Conduct fumigation in enclosed spaces	
AHCCHM302A - Fumigate soil using chemicals	
AHCCHM303A - Prepare and apply chemicals	
AHCCHM304A - Transport, handle and store chemicals	

## **Drainage**

AHCDRG301A - Install drainage systems	
AHCDRG302A - Measure drainage system performance	
AHCDRG303A - Troubleshoot drainage systems	

## **Hydroponics**

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

## **Irrigation**

AHCIRG301A - Implement a maintenance program for an irrigation system	
AHCIRG302A - Install irrigation systems	
AHCIRG303A - Measure irrigation delivery system performance	
AHCIRG305A - Operate pressurised irrigation systems	
AHCIRG306A - Troubleshoot irrigation systems	

## **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	
AHCMOM315A - Operate chemical application machinery and equipment	

## **Nursery**

AHCNSY303A - Install and maintain plant displays	
AHCNSY304A - Deliver and promote sales of plants	
AHCNSY305A - Prepare specialised plants	
AHCNSY306A - Implement a propagation plan	
AHCNSY307A - Operate fertigation equipment	

## **Pest Management**

AHCPMG301A - Control weeds	
AHCPMG302A - Control plant pests, diseases and disorders	
AHCPMG303A - Maintain biological cultures	
AHCPMG304A - Release biological agents	

## **Production Horticulture**

AHCPHT301A - Carry out a crop regulation program	
AHCPHT302A - Coordinate horticultural crop harvesting	
AHCPHT303A - Implement a post-harvest program	
AHCPHT305A - Regulate crops	
AHCPHT306A - Establish horticultural crops	

## **Water**

AHCWAT301A - Monitor and operate water treatment processes	
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## **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	
AHCWRK313A - Implement and monitor environmentally sustainable work practices	

## CERTIFICATE III IN LANDSCAPE CONSTRUCTION – (AHC30910)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in landscape construction. The landscaping industry expects this qualification to be achieved to meet job outcomes at this level.

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

Landscaper

### PACKAGING RULES

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

- a) twelve (12) core units
- b) 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 landscape construction industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Business

AHCBUS402A - Cost a project	
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#### Drainage

AHCDRG301A - Install drainage systems	
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#### Landscape

AHCLSC301A - Set out site for construction work	
AHCLSC302A - Construct landscape features using concrete	
AHCLSC303A - Construct brick and/or block structures and features	
AHCLSC305A - Construct stone structures and features	
AHCLSC306A - Implement a paving project	
AHCLSC307A - Implement a retaining wall project	

#### Plants

AHPCPM302A - Provide information on plants and their culture	
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#### Parks and Gardens

AHCPGD301A - Implement a plant establishment program	
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#### Soils and Media

AHCSOL302A - Construct a soil profile	
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## **CERTIFICATE III IN PARKS AND GARDENS – (AHC31010)**

### **QUALIFICATION NOTES**

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

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

Municipal/City gardener  
Horticulturist

### **PACKAGING RULES**

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

- a) ten (10) core units
- b) a minimum of three (3) elective units
- c) 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 parks and gardens industry.

### **CORE UNITS**

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

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

#### **Arboriculture**

AHCARB302A - Conduct tree inspections	
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#### **Parks and Gardens**

AHCPGD305A - Conduct operational inspection of park facilities	
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#### **Pest Management**

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

#### **Plants**

AHPCPM301A - Implement a plant nutrition program	
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#### **Soils and Media**

AHCSOL301A - Prepare growing media	
AHCSOL302A - Construct a soil profile	

#### **Turf**

AHCTRF302A - Establish turf	
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#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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## **ELECTIVE UNITS**

### **Arboriculture**

AHCARB301A - Implement a tree maintenance program	
AHCARB308A - Install cable and bracing	
AHCARB309A - implement a tree protection program	
FPIFGM3205A - Fall trees manually (advanced)	

### **Chemicals**

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

### **Irrigation**

AHCIRG301A - Implement a maintenance program for an irrigation system	
AHCIRG302A - Install irrigation systems	
AHCIRG303A - Measure irrigation delivery system performance	
AHCIRG305A - Operate pressurised irrigation systems	
AHCIRG306A - Troubleshoot irrigation systems	

### **Landscape**

AHCLSC301A - Set out site for construction works	
AHCLSC302A - Construct landscape features using concrete	
AHCLSC303A - Construct brick and or block structures and features	
AHCLSC304A - Erect timber structures and features	
AHCLSC305A - Construct stone structures and features	
AHCLSC306A - Implement a paving project	
AHCLSC307A - Implement a retaining wall project	
AHCLSC308A - Install metal structures and features	
AHCLSC309A - Install water features	
AHCLSC310A - Implement a tree transplanting program	

### **Machinery Operation and Maintenance**

AHCMOM304A - Operate machinery and equipment	
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### **Natural Area Restoration**

AHCNAR301A - Maintain natural areas	
AHCNAR303A - Implement revegetation works	

### **Parks and Gardens**

AHCPGD301A - Implement a plant establishment program	
AHCPGD302A - Plan and maintain plant displays	
AHCPGD303A - Perform specialist amenity pruning	
AHCPGD304A - Implement a landscape maintenance program	
AHCPGD306A - Implement a maintenance program for an aquatic environment	

### **Plants**

AHCPCM302A - Provide information on plants and their culture	
AHCPCM303A - Identify an unknown plant specimen	

### **Turf**

AHCTRF301A - Construct turf playing surfaces	
AHCTRF303A - Implement a grassed area maintenance program	
AHCTRF304A - Monitor turf health	
AHCTRF305A - Renovate sports turf	

## CERTIFICATE III IN PRODUCTION NURSERY – (AHC31110)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome for a nursery person working in a production nursery. The nursery industry expects this qualification to be achieved to meet job outcomes at this level.

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

Nursery worker

### PACKAGING RULES

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

- a) thirteen (13) core units
- b) a minimum of two (2) elective units
- c) a maximum of one (1) unit 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 nursery industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Biosecurity

AHC BIO301A - Work effectively in an emergency disease or plant pest response	
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#### Chemicals

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

#### Irrigation

AHCIRG306A - Troubleshoot irrigation systems	
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#### Pest Management

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

#### Soils and Media

AHCSOL301A - Prepare growing media	
AHCSOL401A - Sample soils and interpret results	

#### Plants

AHCPCM301A - Implement a plant nutrition program	
AHCPCM302A - Provide information on plants and their culture	

#### Nursery

AHCNSY301A - Maintain nursery plants	
AHCNSY302A - Receive and dispatch nursery products	



## **ELECTIVE UNITS**

### **Biosecurity**

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	

### **Business**

AHC BUS404A - Operate within a budget framework	
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### **Chemicals**

AHC CHM302A - Fumigate soil using chemicals	
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### **Hydroponics**

AHC HYD301A - Implement a maintenance program for hydroponic systems	
AHC HYD302A - Install hydroponic systems	

### **Irrigation**

AHC IRG301A - Implement a maintenance program for an irrigation system	
AHC IRG302A - Install irrigation systems	
AHC IRG303A - Measure irrigation delivery system performance	
AHC IRG305A - Operate pressurised irrigation systems	

### **Machinery Operation and Maintenance**

AHC MOM304A - Operate machinery and equipment	
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### **Merchandising and Sales**

AHC MER301A - Process customer complaints	
AHC MER303A - Sell products and services	
SIRX INV002A - Maintain and order stock	
SIRX MER001A - Merchandise products	
SIRX MER005A - Create a display	
SIRX SLS002A - Advise on products and services	

### **Nursery**

AHC NSY303A - Install and maintain plant displays	
AHC NSY304A - Deliver and promote sales of plants	
AHC NSY305A - Prepare specialised plants	
AHC NSY306A - Implement a propagation plan	
AHC NSY307A - Operate fertigation equipment	

### **Water**

AHC WAT301A - Monitor and operate water treatment processes	
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### **Work**

AHC WRK303A - Respond to emergencies	
AHC WRK305A - Coordinate work site activities	
AHC WRK313A - Implement & monitor environmentally sustainable work practices	

## **CERTIFICATE III IN RETAIL NURSERY – (AHC31210)**

### **QUALIFICATION NOTES**

This qualification provides a general vocational outcome for a retail nursery or garden centre sales assistant. The nursery industry expects this qualification to be achieved to meet job outcomes at this level.

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

Nursery hand  
Nursery worker  
Retail sales assistant – nursery/greenlife

### **PACKAGING RULES**

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

- a) ten (10) core units
- b) a minimum of two (2) elective units
- c) 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 nursery industry.

### **CORE UNITS**

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

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

#### **Plants**

AHPCPM302A - Provide information on plants and their culture	
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#### **Nursery**

AHCNSY301A - Maintain nursery plants	
AHCNSY302A - Receive and dispatch nursery products	
AHCNSY303A - Install and maintain plant displays	

#### **Merchandising and Sales**

SIRXCCS002A - Interact with customers	
SIRXMER002A - Coordinate merchandise presentation	

#### **Pest Management**

AHCPMG302A - Control plant pests, diseases and disorders	
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#### **Plants**

AHPCPM303A - Identify an unknown plant specimen	
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#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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## **ELECTIVE UNITS**

### **Chemicals**

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

### **Merchandising and Sales**

AHCMER301A - Process customer complaints	
AHCMER302A - Provide advice on hardware products	
AHCMER303A - Sell products and services	
BSBCUS301A - Deliver and monitor a service to customers	
BSBPRO301A - Recommend products and services	
BSBSLS402A - Identify sales prospects	
SIRXADM002A - Coordinate retail office	
SIRXINV002A - Maintain and order stock	
SIRXINV004A - Buy merchandise	
SIRXMER001A - Merchandise products	
SIRXMER003A - Monitor in-store visual merchandising display	
SIRXMER005A - Create a display	
SIRXRSK002A - Maintain store security	
SIRXSLS002A - Advise on products and services	
SIRXSLS004A - Build relationships with customers	

### **Nursery**

AHCNSY304A - Deliver and promote sales of plants	
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### **Pest Management**

AHCPMG301A - Control weeds	
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### **Plants**

AHCPCM301A - Implement a plant nutrition program	
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### **Soils and Media**

AHCSOL401A - Sample soils and interpret results	
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### **Work**

AHCWRK303A - Respond to emergencies	
AHCWRK305A - Coordinate work site activities	

## CERTIFICATE III IN SPORTS TURF MANAGEMENT – (AHC31310)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in greenkeeping. The sports turf industry expects this qualification to be achieved to meet job outcomes at this level.

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

Greenkeeper  
Groundsman

### PACKAGING RULES

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

- a) twelve (12) core units
- b) 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 turf industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Irrigation

AHCIRG302A - Install irrigation systems	
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#### Machinery Operation and Maintenance

AHCMOM304A - Operate machinery and equipment	
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#### Plants

AHCPCM301A - Implement a plant nutrition program	
AHCPCM302A - Provide information on plants and their culture	

#### Pest Management

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

#### Turf

AHCTRF301A - Construct turf playing surfaces	
AHCTRF302A - Establish turf	
AHCTRF303A - Implement a grassed area maintenance program	
AHCTRF305A - Renovate sports turf	

#### Work

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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## CERTIFICATE IV IN HORTICULTURE – (AHC40410)

### QUALIFICATION NOTES

This qualification allows individuals to develop post-trade skills and knowledge across a broad coverage of the industry prior to undertaking higher level roles in the industry.

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

Senior horticulturalist  
Horticulture team leader

### PACKAGING RULES

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

- one (1) core unit
- a minimum of five (5) units from elective group A
- a minimum of two (2) units from elective groups A or B
- a maximum of four (4) units may be selected 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 meet job outcomes relevant to horticulture.

### CORE UNIT

#### Occupational Health and Safety

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

### ELECTIVE UNITS GROUP A

#### Plants

AHPCPM401A - Recommend plants and cultural practices	
AHPCPM402A - Develop a soil health and plant nutrition program	

#### Landscape

AHCLSC401A - Supervise landscape project works	
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#### Organic Production

AHCORG403A - Manage organic soil improvement	
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#### Parks and Gardens

AHCPGD401A - Design plant displays	
AHCPGD402A - Plan a plant establishment program	

#### Pest Management

AHCPMG408A - Control weeds, pests and/or diseases	
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#### Soils and Media

AHCSOL401A - Sample soils and interpret results	
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## **Turf**

AHCTRF401A - Develop a sports turf maintenance program	
AHCTRF402A - Plan and implement sports turf renovation	

## **ELECTIVE UNITS GROUP B**

### **Business**

AHCBUS402A - Cost a project	
AHCBUS404A - Operate within a budget framework	
BSBSMB406A - Manage small business finances	
BSBHRM402A - Recruit, select and induct staff	
BSBITU404A - Produce complex desktop published documents	
BSBRES401A - Analyse and present research information	
TLIR207C - Source goods/services and evaluate contractors	

### **Chemicals**

AHCCHM401A - Minimise risk in the use of chemicals	
AHCCHM402A - Plan and implement a chemical use program	
AHCCHM403A - Prepare safe operating procedures for calibration of equipment	

### **Design**

CUVCRS04A - Produce technical drawings	
BSBDES403A - Develop and extend design skills and practice	

### **Irrigation**

AHCIRG401A - Acquire resources for irrigation installation and construction	
AHCIRG402A - Determine hydraulic parameters for an irrigation system	
AHCIRG403A - Determine seasonal irrigation scheduling tasks	
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	

### **Machinery Operation and Maintenance**

AHCMOM401A - Conduct major repair and overhaul of machinery and equipment	
AHCMOM402A - Supervise maintenance of machinery and equipment	

### **Merchandising and Sales**

AHCMER401A - Coordinate customer service and networking activities	
BSBREL402A - Build client relationships and business networks	
SIRXINV004A - Buy merchandise	

### **Natural Area Restoration**

AHCNAR401A - Supervise natural area restoration works	
AHCNAR402A - Plan the implementation of revegetation works	

### **Nursery**

AHCNSY401A - Plan a growing on program	
AHCNSY402A - Plan a propagation program	

### **Organic Production**

AHCORG401A - Manage biodynamic production	
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AHCORG402A - Manage organic livestock production	
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**Pest Management**

AHCPMG405A - Implement pest management action plans	
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**Work**

AHCWRK401A - Implement and monitor quality assurance procedures	
AHCWRK402A - Provide information on issues and policies	
AHCWRK403A - Supervise work routines and staff performance	
AHCWRK404A - Ensure compliance with pest legislation	
PSPPM402B - Manage simple projects	

## **CERTIFICATE IV IN PARKS AND GARDENS – (AHC40510)**

### **QUALIFICATION NOTES**

This qualification allows individuals to develop post-trade skills and knowledge to become a senior or head gardener. The parks and gardens industry expects this qualification to be achieved to meet job outcomes at this level.

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

Head gardener  
Horticulture team leader

### **PACKAGING RULES**

Completion of **fourteen (14) units** made up of:

- a) eight (8) core units
- b) three (3) elective units
- c) a maximum of three (3) units may be selected 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 parks and gardens industry.

### **CORE UNITS**

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

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

#### **Business**

AHCBUS402A - Cost a project	
BSBITU404A - Produce complex desktop published documents	

#### **Parks and Gardens**

AHCPGD402A - Plan a plant establishment program	
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#### **Plants**

AHPCPM401A - Recommend plants and cultural practices	
AHPCPM402A - Develop a soil health and plant nutrition program	

#### **Turf**

AHCTRF401A - Develop a sports turf maintenance program	
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#### **Work**

PSPPM402B - Manage simple projects	
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### **ELECTIVE UNITS**

#### **Business**

BSBSMB406A - Manage small business finances	
TLIR207C - Source goods/services and evaluate contractors	



## **Chemicals**

AHCCHM401A - Minimise risk in the use of chemicals	
AHCCHM402A - Plan and implement a chemical use program	
AHCCHM403A - Prepare safe operating procedures for calibration of equipment	

## **Design**

BSBDES403A - Develop and extend design skills and practice	
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## **Irrigation**

AHCIRG401A - Acquire resources for irrigation installation and construction	
AHCIRG402A - Determine hydraulic parameters for an irrigation system	
AHCIRG406A - Plan-on site irrigation installation and construction work	
AHCIRG407A - Supervise on-site irrigation installation and construction work	

## **Landscape**

AHCLSC401A - Supervise landscape project works	
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## **Machinery Operation and Maintenance**

AHCMOM401A - Conduct major repair and overhaul of machinery and equipment	
AHCMOM402A - Supervise maintenance of machinery and equipment	

## **Nursery**

AHCNSY401A - Plan a growing on program	
AHCNSY402A - Plan a propagation program	

## **Parks and Gardens**

AHCPGD401A - Design plant displays	
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## **Pest Management**

AHCPMG408A - Control weeds, pests and/or diseases	
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## **Soils and Media**

AHCSOL401A - Sample soils and interpret results	
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## **Turf**

AHCTRF402A - Plan and implement sports turf renovation	
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## **Work**

AHCWRK401A - Implement and monitor quality assurance procedures	
AHCWRK402A - Provide information on issues and policies	
AHCWRK403A - Supervise work routines and staff performance	
AHCWRK404A - Ensure compliance with pest legislation	

## **CERTIFICATE IV IN PRODUCTION NURSERY – (AHC40610)**

### **QUALIFICATION NOTES**

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

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

Senior nursery worker  
Production nursery team leader

### **PACKAGING RULES**

Completion of **fourteen (14) units** made up of:

- a) five (5) core units
- b) a minimum of six (6) elective units
- c) a maximum of three (3) 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 nursery industry.

### **CORE UNITS**

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

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

#### **Plants**

AHCPCM401A - Recommend plants and cultural practices	
AHCPCM402A - Develop a soil health and plant nutrition program	

#### **Irrigation**

AHCIRG408A - Schedule irrigations	
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#### **Nursery**

AHCNSY401A - Plan a growing on program	
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### **ELECTIVE UNITS**

#### **Agribusiness**

BSBRSK401A - Identify risk and apply risk management process	
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#### **Biosecurity**

AHCBIO401A - Supervise activities on infected premises	
AHCBIO402A - Carry out field surveillance for a specific emergency disease or plant pest	
AHCBIO403A - Plan and implement a biosecurity program	

#### **Business**

AHCBUS402A - Cost a project	
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AHCBUS404A - Operate within a budget framework	
AHCBUS405A - Participate in an e-business supply chain	

### **Chemicals**

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

### **Machinery Operation and Maintenance**

AHCMOM402A - Supervise maintenance of machinery and equipment	
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### **Merchandising and Sales**

SIRXINV002A - Maintain and order stock	
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### **Nursery**

AHCNSY402A - Plan a propagation program	
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### **Parks and Gardens**

AHCPGD401A - Design plant displays	
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### **Plants**

AHCPCM501A - Diagnose plant health problems	
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### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
AHCWRK403A - Supervise work routines and staff performance	

## **CERTIFICATE IV IN RETAIL NURSERY – (AHC40710)**

### **QUALIFICATION NOTES**

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

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

Retail nursery sales team leader

### **PACKAGING RULES**

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

- a) six (6) core units
- b) a minimum of three (3) elective units
- c) a maximum of three (3) 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 nursery industry.

### **CORE UNITS**

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

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

#### **Plants**

AHPCPM401A - Recommend plants and cultural practices	
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#### **Parks and Gardens**

AHCPGD401A - Design plant displays	
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#### **Merchandising and Sales**

AHCMER401A - Coordinate customer service and networking activities	
SIRXINV002A - Maintain and order stock	

#### **Work**

AHCWRK403A - Supervise work routines and staff performance	
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### **ELECTIVE UNITS**

#### **Business**

AHCBUS403A - Support and review business structures and relationships	
AHCBUS404A - Operate within a budget framework	
AHCBUS405A - Participate in an e-business supply chain	
AHCBUS507A - Monitor and review business performance	
BSBFIA402A - Report on financial activity	
BSBHRM402A - Recruit, select and induct staff	
BSBSMB406A - Manage small business finances	
BSBWOR402A - Promote team effectiveness	

## **Chemicals**

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

## **Irrigation**

AHCIRG401A - Acquire resources for irrigation installation and construction	
AHCIRG403A - Determine seasonal irrigation scheduling tasks	

## **Machinery Operation and Maintenance**

AHCMOM402A - Supervise maintenance of machinery and equipment	
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## **Merchandising and Sales**

BSBREL402A - Build client relationships and business networks	
SIRXINV004A - Buy merchandise	
SIRXMER002A - Coordinate merchandise presentation	
SIRXMER003A - Monitor in-store visual merchandising display	
SIRXMER004A - Manage merchandise and store presentation	
SIRXMPR001A - Profile a retail market	
SIRXRSK004A - Control store security	

## **Plants**

AHCPCM402A - Develop a soil health and plant nutrition program	
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## **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
AHCWRK401A - Implement and monitor quality assurance procedures	
AHCWRK403A - Supervise work routines and staff performance	
BSBRSK401A - Identify risk and apply a risk management process	

## CERTIFICATE IV IN SPORTS TURF MANAGEMENT – (AHC40810)

### QUALIFICATION NOTES

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

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

Assistant curator  
Assistant grounds manager  
Assistant Golf Course Superintendent  
Head greenkeeper

### 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 meet job outcomes relevant to turf.

### CORE UNITS

#### Turf

	<b>NOTES</b>
AHCTRF401A - Develop a sports turf maintenance program	
AHCTRF402A - Plan and implement sports turf renovation	

#### Plants

AHPCPM402A - Develop a soil health and plant nutrition program	
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#### Irrigation

AHCIRG403A - Determine seasonal irrigation scheduling tasks	
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#### Work

AHCWRK511A - Develop workplace policy and procedures for sustainability	
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### ELECTIVE UNITS

#### Business

AHCBUS402A - Cost a project	
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#### Chemicals

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

#### Irrigation

AHCIRG407A - Supervise on-site irrigation installation and construction work	
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**Machinery Operation and Maintenance**

AHCMOM402A - Supervise maintenance of machinery and equipment	
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**Occupational Health and Safety**

AHCOHS401A - Maintain OHS processes	
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**Pest Management**

AHCPMG408A - Control weeds, pests and/or diseases	
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**Plants**

AHPCPM401A - Recommend plants and cultural practices	
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**Soils and Media**

AHCSOL401A - Sample soils and interpret results	
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**Work**

AHCWRK403A - Supervise work routines and staff performance	
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## DIPLOMA OF HORTICULTURE – (AHC50410)

### QUALIFICATION NOTES

The Diploma of Horticulture reflects the role of those who manage amenity horticultural enterprises where a range of skills and knowledge across the breadth of the industry is required or personnel working in horticulture at a level requiring higher technical skills.

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

Senior horticulturalist  
Parks and Garden manager  
Horticulture enterprise manager

### PACKAGING RULES

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

- a) a minimum of four (4) units from elective group A
- b) a minimum of four (4) units from elective groups A or B
- c) a maximum of two (2) units may be selected from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must meet job outcomes relevant to horticulture.

### ELECTIVE UNITS GROUP A

#### Plants

	<b>NOTES</b>
AHPCPM501A - Diagnose plant health problems	
AHPCPM502A - Collect and classify plants	

#### Production Horticulture

AHCPHT502A - Develop a horticultural production plan	
AHCPHT503A - Manage a controlled growing environment	

#### Arboriculture

AHCARB501A - Assess trees	
AHCARB502A - Identify, select and specify trees	
AHCARB503A - Diagnose tree diseases	
AHCARB504A - Develop a tree protection program	
AHCARB505A - Document and audit tree work	

#### Hydroponics

AHCHYD501A - Develop a plan for a hydroponic system	
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#### Landscape

AHCLSC501A - Survey and establish site levels	
AHCLSC502A - Manage landscape projects	
AHCLSC503A - Manage a tree transplanting program	

#### Parks and Gardens

AHCPGD501A - Manage plant cultural practices	
AHCPGD502A - Plan the restoration of parks and gardens	
AHCPGD503A - Manage parks and reserves	
AHCPGD504A - Develop and implement a streetscape management plan	



AHCPGD505A - Conduct comprehensive inspection of park facilities	
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### **Turf**

AHCTRF501A - Plan the establishment of sports turf playing surfaces	
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## **ELECTIVE UNITS GROUP B**

### **Business**

AHCBUS501A - Manage staff	
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	
TLIL1907C - Implement and monitor transport logistics	
TLIR207C - Source goods/services and evaluate contractors	
TLIR307C - Negotiate a contract	

### **Chemicals**

AHCCHM501A - Develop and manage a chemical use strategy	
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### **Design**

AHCDES503A - Assess landscape sites	
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### **Irrigation**

AHCIRG501A - Audit irrigation systems	
AHCIRG502A - Design irrigation system maintenance and monitoring programs	
AHCIRG503A - Design irrigation, drainage and water treatment systems	
AHCIRG504A - Develop an irrigation and drainage management plan	
AHCIRG505A - Establish and maintain an irrigation-related environmental protection program	

### **Lands, Parks and Wildlife**

AHCLPW501A - Develop a management plan for a designated area	
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### **Machinery Operation and Maintenance**

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

### **Pest Management**

AHCPMG501A - Coordinate the pest management strategy in a regional or broader context	
AHCPMG502A - Define the pest problem in a regional or broader context	
AHCPMG503A - Develop a strategy for the management of target pests	
AHCPMG504A - Develop a system for monitoring the pest management strategy	
AHCPMG505A - Evaluate the pest management strategy	

### **Soils and Media**

AHCSOL501A - Monitor and manage soils for production	
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**Water**

AHCWAT501A - Design water treatment systems	
AHCWAT502A - Manage water systems	

**Work**

AHCWRK501A - Plan, implement and review a quality assurance program	
AHCWRK502A - Collect and manage data	
AHCWRK503A - Prepare reports	
AHCWRK504A - Assess new industry developments	
AHCWRK505A - Manage trial and/or research material	
AHCWRK507A - Implement professional practice	
AHCWRK508A - Interpret legislation	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK510A - Audit site operations	
AHCWRK511A - Develop workplace policy and procedures for sustainability	
PRMWM43B - Develop an environmental management strategy	
PRMWM45B - Develop site safety plan	
PSPPM502B - Manage complex projects	
PSPPM503B - Close complex projects	

## DIPLOMA OF ARBORICULTURE – (AHC50510)

### QUALIFICATION NOTES

The Diploma of Arboriculture reflects the role of personnel working as consultant arborists.

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

Consulting arborist

### PACKAGING RULES

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

- a) five (5) core units
- b) a minimum of three (3) elective units
- c) a maximum of two (2) units may be selected from the elective units or from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the arboriculture industry.

### CORE UNITS

#### **Arboriculture**

	<b>NOTES</b>
AHCARB501A - Assess trees	
AHCARB502A - Identify, select and specify trees	
AHCARB503A - Diagnose tree diseases	
AHCARB504A - Develop a tree protection program	
AHCARB505A - Document and audit tree work	

### ELECTIVE UNITS

#### **Business**

AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	
BSBRES401A - Analyse and present research information	

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

AHCOHS501A - Manage OHS processes	
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#### **Plants**

AHPCPM601A - Develop and implement a plant health management strategy	
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#### **Work**

AHCWRK503A - Prepare reports	
AHCWRK504A - Assess new industry developments	
AHCWRK507A - Implement professional practice	
AHCWRK508A - Interpret legislation	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK510A - Audit site operations	

## DIPLOMA OF LANDSCAPE DESIGN – (AHC50610)

### QUALIFICATION NOTES

The Diploma of Landscape Design is a specialist qualification for landscape designers.

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

Landscape designer

### 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 units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the landscape design industry.

### CORE UNITS

#### Design

	<b>NOTES</b>
AHCDES501A - Design sustainable landscapes	
AHCDES502A - Prepare a landscape project design	
AHCDES503A - Assess landscape sites	
AHCDES504A - Design for construction of landscape features	
CUVCRS03A - Produce computer-aided drawings	

### ELECTIVE UNITS

#### Arboriculture

AHCARB502A - Identify, select and specify trees	
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#### Business

AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	

#### Design

BSBDES501A - Implement design solutions	
BSBDES502A - Establish, negotiate and redefine a design brief	

#### Permaculture

PIL401A - Provide advice on permaculture principles and practices	
PIL403A - Design an urban permaculture system	
PIL404A - Plan for the implementation of permaculture works	
PIL505A - Plan the implementation of a permaculture project	

#### Landscape

AHCLSC501A - Survey and establish site levels	
AHCLSC502A - Manage landscape projects	

**Plants**

AHCPCM503A - Specify plants for landscapes	
AHCPCM504A - Design and maintain a specialised landscape	

**Work**

AHCWRK503A - Prepare reports	
AHCWRK507A - Implement professional practice	
AHCWRK508A - Interpret legislation	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK510A - Audit site operations	

## DIPLOMA OF PARKS AND GARDENS MANAGEMENT – (AHC50710)

### QUALIFICATION NOTES

The Diploma of Parks and Gardens Management reflects the role of those who manage private parks and gardens or personnel working in local government as park managers.

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

Parks and Gardens 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 Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the parks and gardens industry.

### CORE UNITS

#### **Business**

	<b>NOTES</b>
AHCBUS501A - Manage staff	
AHCBUS504A - Prepare estimates, quotes and tenders	

#### **Parks and Gardens**

AHCPGD503A - Manage parks and reserves	
AHCPGD504A - Develop and implement a streetscape management plan	

#### **Turf**

AHCTRF501A - Plan the establishment of sports turf playing surfaces	
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### ELECTIVE UNITS

#### **Parks and Gardens**

AHCPGD501A - Manage plant cultural practices	
AHCPGD502A - Plan the restoration of parks and gardens	
AHCPGD505A - Conduct comprehensive inspection of park facilities	

#### **Arboriculture**

AHCARB501A - Assess trees	
AHCARB502A - Identify, select and specify trees	
AHCARB503A - Diagnose tree diseases	
AHCARB504A - Develop a tree protection program	
AHCARB505A - Document and audit tree work	

#### **Business**

AHCBUS503A - Negotiate and monitor contracts	
BSBFIM501A - Manage budgets and financial plans	
BSBHRM506A - Manage recruitment, selection and induction processes	
AHCWRK511A - Develop workplace policy and procedures for sustainability	

TLIR207C	- Source goods/services and evaluate contractors	
TLIR307C	- Negotiate a contract	

### **Chemicals**

AHCCHM501A	- Develop and manage a chemical use strategy	
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### **Irrigation**

AHCIRG501A	- Audit irrigation systems	
AHCIRG502A	- Design irrigation system maintenance and monitoring programs	
AHCIRG503A	- Design irrigation, drainage and water treatment systems	
AHCIRG504A	- Develop an irrigation and drainage management plan	

### **Landscape**

AHCLSC501A	- Survey and establish site levels	
AHCLSC502A	- Manage landscape projects	
AHCLSC503A	- Manage a tree transplanting program	

### **Occupational Health and Safety**

AHCOHS501A	- Manage OHS processes	
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### **Plants**

AHCPCM501A	- Diagnose plant health problems	
AHCPCM502A	- Collect and classify plants	
AHCPCM503A	- Specify plants for landscapes	
AHCPCM504A	- Design and maintain a specialised landscape	

## DIPLOMA OF PRODUCTION NURSERY MANAGEMENT – (AHC50810)

### QUALIFICATION NOTES

The Diploma of Production Nursery Management reflects the role of those who manage commercial production nursery enterprises.

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

Production nursery manager

### PACKAGING RULES

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

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

### CORE UNITS

#### Occupational Health and Safety

	<b>NOTES</b>
AHCOHS501A - Manage OHS processes	

#### Merchandising and Sales

SIRXINV005A - Control inventory	
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#### Plants

AHPCPM501A - Diagnose plant health problems	
AHPCPM502A - Collect and classify plants	

#### Production Horticulture

AHCPHT502A - Develop a horticultural production plan	
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#### Soils and Media

AHCSOL501A - Monitor and manage soils for production	
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### ELECTIVE UNITS

#### Business

BSBSMB405A - Monitor and manage small business operations	
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#### Chemicals

AHCCHM501A - Develop and manage a chemical use strategy	
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#### Drainage

AHCDRG501A - Design drainage systems	
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**Machinery Operation and Maintenance**

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

**Merchandising and Sales**

SIRXPRO007A - Improve supply and distribution chains	
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**Pest Management**

AHCPMG501A - Coordinate the pest management strategy in a regional or broader context	
AHCPMG502A - Define the pest problem in a regional or broader context	
AHCPMG503A - Develop a strategy for the management of target pests	
AHCPMG504A - Develop a system for monitoring the pest management strategy	
AHCPMG505A - Evaluate the pest management strategy	

**Production Horticulture**

AHCPHT503A - Manage a controlled growing environment	
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**Water**

AHCWAT501A - Design water treatment systems	
AHCWAT502A - Manage water systems	

**Work**

AHCWRK501A - Plan, implement and review a quality assurance program	
AHCWRK502A - Collect and manage data	
AHCWRK503A - Prepare reports	
AHCWRK505A - Manage trial and/or research material	
AHCWRK507A - Implement professional practice	
AHCWRK508A - Interpret legislation	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK510A - Audit site operations	
PSPPM502B - Manage complex projects	
PSPPM503B - Close complex projects	

## DIPLOMA OF RETAIL NURSERY MANAGEMENT – (AHC50910)

### QUALIFICATION NOTES

The Diploma of Retail Nursery Management reflects the role of those who manage garden centres, retail nurseries and plant sales outlets.

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

Retail nursery manager  
Garden Centre manager

### PACKAGING RULES

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

- a) a minimum of four (4) units from elective group A
- b) a minimum of four (4) units from elective groups A or B
- c) a maximum of two (2) units may be selected from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the nursery industry.

### ELECTIVE UNITS GROUP A

#### Plants

	<b>NOTES</b>
AHPCPM501A - Diagnose plant health problems	
AHPCPM502A - Collect and classify plants	

#### Merchandising and Sales

BSBCUS501B - Manage quality customer service	
SIRXCLM002A - Manage store facilities	
SIRXINV005A - Control inventory	
SIRXSLS005A - Manage sales and service delivery	

### ELECTIVE UNITS GROUP B

#### Business

BSBSMB405A - Monitor and manage business operations	
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#### Chemicals

AHCCHM501A - Develop and manage a chemical use strategy	
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#### Irrigation

AHCIRG502A - Design irrigation system maintenance and monitoring programs	
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#### Merchandising and Sales

AHCMER501A - Develop a sales strategy for rural products	
SIRXMER004A - Manage merchandise and store presentation	
SIRXMPR001A - Profile a retail market	
SIRXPRO007A - Improve supply and distribution chains	
SIRXRSK004A - Control store security	

**Occupational Health and Safety**

AHCOHS501A - Manage OHS processes	
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**Pest Management**

AHCPMG503A - Develop a strategy for the management of target pests	
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**Production Horticulture**

AHCPHT503A - Manage a controlled growing environment	
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**Soils and Media**

AHCSOL501A - Monitor and manage soils for production	
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**Water**

AHCWAT502A - Manage water systems	
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**Work**

AHCWRK501A - Plan, implement and review a quality assurance program	
AHCWRK502A - Collect and manage data	
AHCWRK503A - Prepare reports	
AHCWRK505A - Manage trial and/or research material	
AHCWRK509A - Provide specialist advice to clients	

## DIPLOMA OF SPORTS TURF MANAGEMENT – (AHC51010)

### QUALIFICATION NOTES

The Diploma of Sports Turf Management applies to curators, golf course superintendents, sports turf managers, senior bowling greenkeepers and turf consultants.

Entrants must have completed the Certificate III in Sports Turf Management by course work or by Recognition of Prior Learning or an equivalent trade level qualification in green keeping or turf management.

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

Curator  
Grounds manager  
Golf course superintendent  
Sports turf manager  
Senior bowling greenkeeper  
Turf consultant

### PACKAGING RULES

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

- a) four (4) core units
- b) a minimum of four (4) elective units
- c) a maximum of two (2) units may be selected from the elective units or from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the turf industry.

### CORE UNITS

#### Chemicals

	<b>NOTES</b>
AHCCHM501A - Develop and manage a chemical use strategy	

#### Plants

AHCPCM501A - Diagnose plant health problems	
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#### Soils and Media

AHCSOL501A - Monitor and manage soils for production	
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#### Turf

AHCTRF501A - Plan the establishment of sports turf playing surfaces	
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### ELECTIVE UNITS

#### Business

AHCBUS501A - Manage staff	
AHCBUS508A - Prepare and monitor budgets and financial reports	

#### Drainage

AHCDRG501A - Design drainage systems	
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**Irrigation**

AHCIRG502A - Design irrigation system maintenance and monitoring programs	
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**Landscape**

AHCLSC502A - Manage landscape projects	
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**Machinery Operation and Maintenance**

AHCMOM501A - Manage machinery and equipment	
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**Occupational Health and Safety**

AHCOHS501A - Manage OHS processes	
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**Pest Management**

AHCPMG504A - Develop a system for monitoring the pest management strategy	
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**Plants**

AHCPCM601A - Develop and implement a plant health management strategy	
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**Work**

AHCWRK505A - Manage trial and/or research material	
BSBHRM402A - Recruit, select and induct staff	
SRXGOV004B - Work effectively with the Board of an organisation	

## ADVANCED DIPLOMA OF HORTICULTURE – (AHC60210)

### QUALIFICATION NOTES

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

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

Horticulture enterprise business managers in local government  
Nursery owner/manager  
Garden Centre owner/manager  
Landscape company owner/manager  
Tree service/arboriculture company owner/manager

### 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 horticulture management.

### ELECTIVE UNITS

#### Agribusiness

	<b>NOTES</b>
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 Operations and Maintenance

AHCMOM601A - Analyse machinery options	
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#### Merchandising and Sales

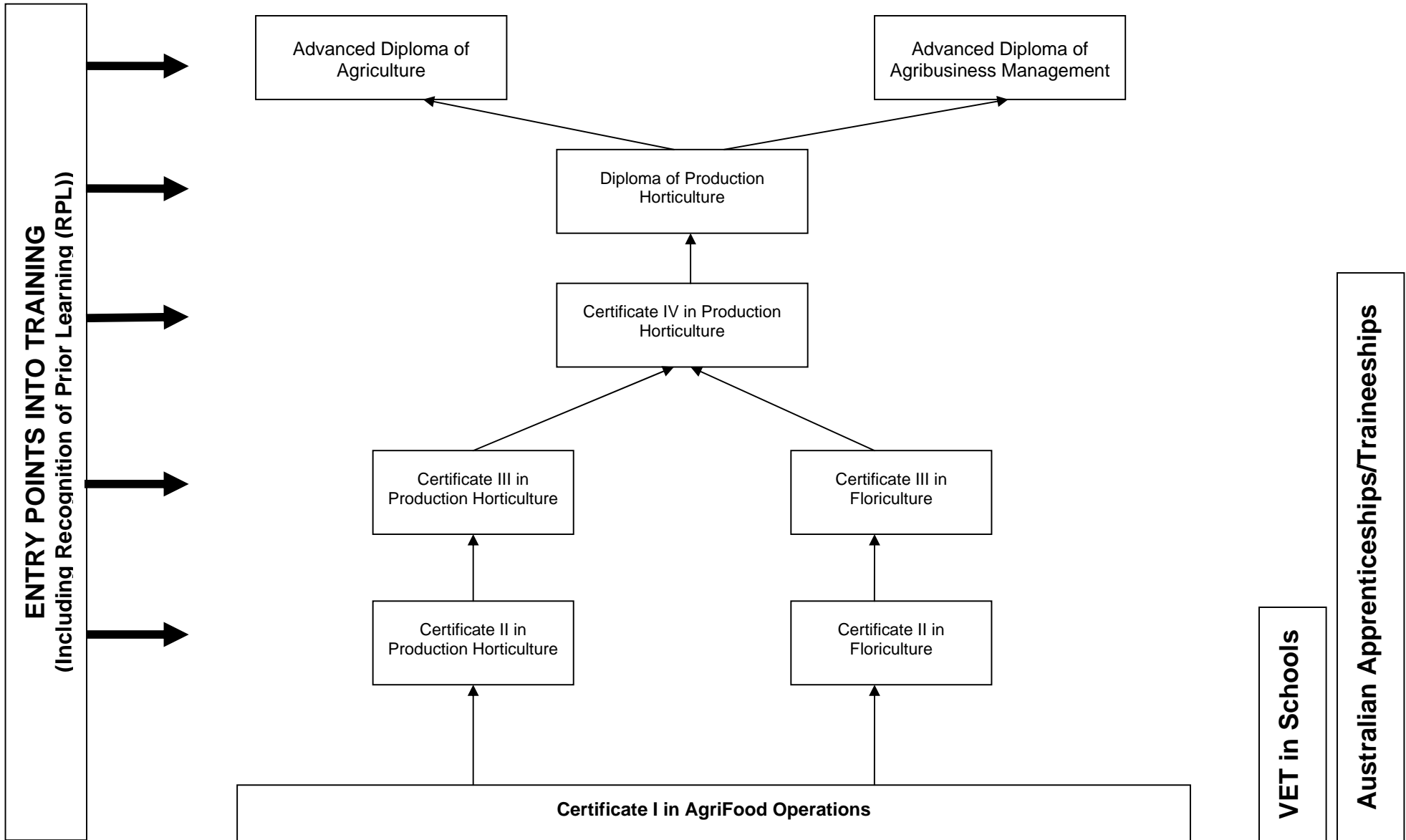
AHCMER501A - Develop a sales strategy for rural products	
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#### Work

AHCWRK601A - Monitor projects in a program	
AHCWRK602A - Lead and manage community or industry organisations	
AHCWRK603A - Design and conduct a field-based research trial	

PSPPOL404A - Support policy implementation	
PRMWM45B - Develop site safety plan	
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 PATHWAYS – PRODUCTION HORTICULTURE INDUSTRY FOCUS





## **CERTIFICATE II IN PRODUCTION HORTICULTURE – (AHC20310)**

### **QUALIFICATION NOTES**

This qualification provides an occupational outcome in production horticulture.

The qualification enables individuals to select a tree cropping, vegetable, berry production or mushroom production context as a job focus or, in the case of mixed enterprises, both.

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

Farm or orchard hand  
Farm or orchard worker  
Farm or orchard labourer

### **PACKAGING RULES**

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

- a) two (2) core units
- b) a minimum of three (3) 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 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 production horticulture industry.

### **CORE UNITS**

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

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

#### **Work**

AHCWRK209A - Participate in environmentally sustainable work practices	
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### **ELECTIVE UNITS GROUP A**

#### **Production Horticulture**

AHCPHT201A - Plant horticultural crops	
AHCPHT202A - Carry out canopy maintenance	
AHCPHT203A - Support horticultural crop harvesting	
AHCPHT204A - Undertake field budding and grafting	
AHCPHT205A - Carry out post-harvest operations	
AHCPHT206A - Handle and move mushroom boxes	
AHCPHT207A - Perform mushroom substrate process tasks	
AHCPHT208A - Water mushroom crops	

#### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### **ELECTIVE UNITS GROUP B**

#### **Biosecurity**

AHCBIO202A - Follow site quarantine procedures	
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## **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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## **Food**

FDFOPTWFS2A - Work in a food handling area for non-food handlers	
FDFOPTFST2A - Maintain food safety when loading, unloading and transporting food	

## **Infrastructure**

AHCINF203A - Maintain properties and structures	
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## **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	
FPICOT2234A - Operate 4 X 4 vehicle	
TLID1007C - Operate a forklift	
TLID2207C - Conduct weighbridge operations	

## **Nursery**

AHCNSY203A - Undertake propagation activities	
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## **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	
AHCWRK206A - Observe enterprise quality assurance procedures	
AHCWRK207A - Collect and record production data	
AHCWRK208A - Provide information on products and services	
TLID107C - Shift materials safely using manual handling methods	

## CERTIFICATE III IN PRODUCTION HORTICULTURE – AHC30610

### QUALIFICATION NOTES

This qualification provides a vocational outcome in production horticulture. The qualification enables individuals to select a tree cropping, vegetable, berry production or mushroom production context as a focus or, in the case of mixed enterprises, both.

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

Vegetable farm worker  
Orchard farm worker  
Mushroom farm worker  
Plantation worker

### PACKAGING RULES

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

- one (1) core unit
- a minimum of four (4) units from elective group A
- a minimum of seven (7) units from elective groups A or B
- 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 production horticulture industry.

### CORE UNIT

#### Occupational Health and Safety

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

### ELECTIVE UNITS GROUP A

#### Production Horticulture

AHCPHT301A - Carry out a crop regulation program	
AHCPHT302A - Coordinate horticultural crop harvesting	
AHCPHT303A - Implement a post-harvest program	
AHCPHT304A - Harvest horticultural crops mechanically	
AHCPHT305A - Regulate crops	
AHCPHT306A - Establish horticultural crops	
AHCPHT307A - Prepare raw materials and compost the feedstocks	
AHCPHT308A - Prepare value added compost based products	
AHCPHT309A - Supervise mushroom substrate preparation	

### ELECTIVE UNITS GROUP B

#### Biosecurity

AHCBIO301A - Work effectively in an emergency disease or plant pest response	
AHCBIO302A - Identify and report unusual disease or plant pest signs	
AHCBIO303A - Carry out emergency disease or plant pest control procedures at infected premises	
AHCBIO304A - Carry out movement and security procedures	
AHCBIO305A - Monitor and review biosecurity measures	

#### Chemicals

AHCCHM301A - Conduct fumigation in enclosed spaces	
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AHCCHM302A - Fumigate soil using chemicals	
AHCCHM303A - Prepare and apply chemicals	
AHCCHM304A - Transport, handle and store chemicals	

### **Drainage**

AHCDRG301A - Install drainage systems	
AHCDRG302A - Measure drainage system performance	
AHCDRG303A - Troubleshoot drainage systems	

### **Hydroponics**

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

### **Irrigation**

AHCIRG301A - Implement a maintenance program for an irrigation system	
AHCIRG302A - Install irrigation systems	
AHCIRG303A - Measure irrigation delivery system performance	
AHCIRG305A - Operate pressurised irrigation systems	
AHCIRG306A - Troubleshoot irrigation systems	

### **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	
AHCMOM315A - Operate chemical application machinery and equipment	
FDWGG3008A - Operate a mechanical grape harvester	
FDWGG3013A - Operate spreading and seeding equipment	

### **Pest Management**

AHCPMG301A - Control weeds	
AHCPMG302A - Control plant pests, diseases and disorders	
AHCPMG303A - Maintain biological cultures	
AHCPMG304A - Release biological agents	

### **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	
AHCWRK313A - Implement and monitor environmentally sustainable work practices	

## **CERTIFICATE IV IN PRODUCTION HORTICULTURE – (AHC40310)**

### **QUALIFICATION NOTES**

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

The qualification enables individuals to select a tree cropping, vegetable, berry or flower production or mushroom production context as a job focus or, in the case of mixed enterprises, both.

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

Farm team leader  
Farm supervisor

### **PACKAGING RULES**

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

- a) one (1) core unit
- b) a minimum of three (3) 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 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 production horticulture industry.

### **CORE UNIT**

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

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

### **ELECTIVE UNITS GROUP A**

#### **Plants**

AHCPM401A - Recommend plants and cultural practices	
AHCPM402A - Develop a soil health and plant nutrition program	

#### **Production Horticulture**

AHCPHT401A - Assess olive oil for style and quality	
AHCPHT402A - Develop a crop regulation program	
AHCPHT403A - Develop harvesting and processing specifications to produce an olive oil	
AHCPHT404A - Implement and monitor a horticultural crop harvesting program	
AHCPHT405A - Manage mushroom substrate preparation	
AHCPHT406A - Control Phase II mushroom substrate process	
AHCPHT407A - Manage mushroom crop development	

#### **Nursery**

AHCNSY401A - Plan a growing on program	
AHCNSY402A - Plan a propagation program	

## **ELECTIVE UNITS GROUP B**

### **Soils and Media**

AHCSOL401A - Sample soils and interpret results	
AHCSOL402A - Develop a soil use map for a property	

### **Business**

AHCBUS404A - Operate within a budget framework	
AHCBUS405A - Participate in an e-business supply chain	

### **Chemicals**

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

### **Food**

FDFOPHCP3A - Participate in a HACCP team	
FDFCORQFS3A - Monitor the implementation of quality & food safety program	

### **Irrigation**

AHCIRG402A - Determine hydraulic parameters for an irrigation system	
AHCIRG403A - Determine seasonal irrigation scheduling tasks	
AHCIRG404A - Implement an irrigation related environmental protection program	
AHCIRG405A - Plan and coordinate gravity fed irrigation systems	

### **Organic Production**

AHCORG401A - Manage biodynamic production	
AHCORG403A - Manage organic soil improvement	

### **Work**

AHCWRK401A - Implement and monitor quality assurance procedures	
AHCWRK402A - Provide information on issues and policies	
AHCWRK403A - Supervise work routines and staff performance	

## DIPLOMA OF PRODUCTION HORTICULTURE – (AHC50310)

### QUALIFICATION NOTES

The Diploma of Production Horticulture reflects the role of personnel working on production horticulture farms. The qualification can be contextualised for a tree cropping, vegetable, berry or flower production or mushroom production context as a job focus or, in the case of mixed enterprises, both.

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

Production horticulture farm manager

### PACKAGING RULES

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

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

### ELECTIVE UNITS GROUP A

#### Plants

	<b>NOTES</b>
AHPCPM501A - Diagnose plant health problems	

#### Production Horticulture

AHCPHT502A - Develop a horticultural production plan	
AHCPHT503A - Manage a controlled growing environment	

#### Hydroponics

AHCHYD501A - Develop a plan for a hydroponic system	
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#### Soils and Media

AHCSOL501A - Monitor and manage soils for production	
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### ELECTIVE UNITS GROUP B

#### Biosecurity

AHCBIO501A - Manage active operational emergency disease or plant pest sites	
AHCBIO502A - Manage the implementation of an emergency disease or plant pest control program	

#### 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	
TLIR307C - Negotiate a contract	
BSBR501A - Manage risk	

TLIL1907C	- Implement and monitor transport logistics	
TLIR207C	- Source goods/services and evaluate contractors	

### **Chemicals**

AHCCHM501A	- Develop and manage a chemical use strategy	
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### **Drainage**

AHCDRG501A	- Design drainage systems	
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### **Hydroponics**

AHCHYD501A	- Develop a plan for a hydroponic system	
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### **Irrigation**

AHCIRG502A	- Design irrigation system maintenance and monitoring programs	
AHCIRG503A	- Design irrigation, drainage and water treatment systems	
AHCIRG504A	- Develop an irrigation and drainage management plan	

### **Machinery Operation and Maintenance**

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

### **Organic Production**

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

### **Water**

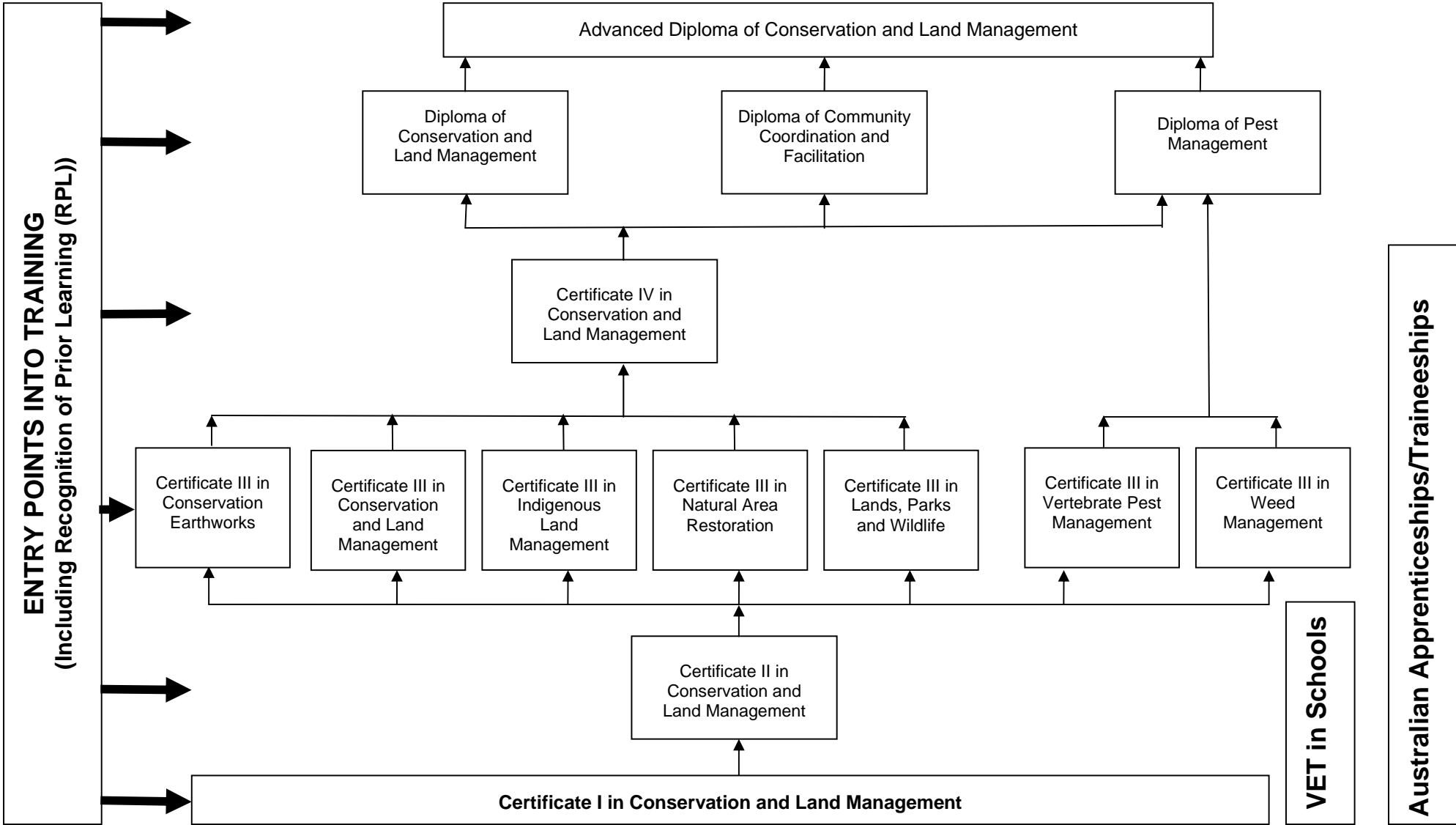
AHCWAT501A	- Design water treatment systems	
AHCWAT502A	- Manage water systems	

### **Work**

AHCWRK501A	- Plan, implement and review a quality assurance program	
AHCWRK511A	- Develop workplace policy and procedures for sustainability	



**AHC10 PATHWAYS – CONSERVATION AND LAND MANAGEMENT INDUSTRY FOCUS**



## CERTIFICATE I IN CONSERVATION AND LAND MANAGEMENT - (AHC10110)

### QUALIFICATION NOTES

This qualification is an entry level qualification aimed at individuals entering the conservation and land management industry. It allows individuals to develop basic skills and knowledge to prepare for work. They may undertake a range of simple tasks under close supervision. The range of technical skills and knowledge is limited.

The qualification is suited to VET in Schools programs or learners with no previous connection to the conservation and land management industry or relevant employment history.

There are no specific job outcomes to this qualification, but the skills achieved will assist in successfully undertaking a Certificate II pre-vocational program or job outcome qualification, or will facilitate entry into an Australian Apprenticeship.

### PACKAGING RULES

Completion of **six (6) units** made up of:

- a) two (2) core units
- b) a maximum of four (4) elective units **or** four (4) units from units aligned to Certificates I or II in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the conservation and land management industry.

### CORE UNITS

#### Occupational Health and Safety

	<b>NOTES</b>
AHCOHS101A - Work safely	

#### Work

AHCWRK101A - Maintain the workplace	
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### ELECTIVE UNITS

#### Chemicals

AHCCHM101A - Follow basic chemical safety rules	
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#### Machinery Operation and Maintenance

AHCMOM101A - Assist with routine maintenance of machinery and equipment	
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#### Natural Area Restoration

AHCNAR101A - Support natural area conservation	
AHCNAR102A - Support native seed collection	

#### Nursery

AHCNSY101A - Support nursery work	
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## **CERTIFICATE II IN CONSERVATION AND LAND MANAGEMENT - (AHC21010)**

### **QUALIFICATION NOTES**

This qualification provides an occupational outcome in conservation and land management. The work would be carried out under general guidance and supervision.

The qualification enables individuals to select an Indigenous land management, conservation earthworks, lands, parks and wildlife or natural area management context as a job focus or a mix of these.

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

Conservation worker

### **PACKAGING RULES**

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

- a) two (2) core units
- b) a minimum of four (4) units from elective group A
- c) a minimum of six (6) units 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 conservation and land management.

### **CORE UNITS**

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

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

#### **Work**

AHCWRK209A - Participate in environmentally sustainable work practices	
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### **ELECTIVE UNITS GROUP A**

#### **Fauna**

AHCFAU201A - Recognise fauna	
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#### **Fire**

AHCFIR201A - Assist with prescribed burning	
PUAFIR204B - Respond to wildfire	

#### **Indigenous Land Management**

AHCILM201A - Maintain cultural places	
AHCILM202A - Observe and report plants and/or animals	
AHCILM203A - Record information about country	

#### **Natural Area Restoration**

AHCNAR201A - Carry out natural area restoration works	
AHCNAR202A - Maintain wildlife habitat refuges	
FPIFGM2201A - Collect seed	

## **Land, Parks and Wildlife**

PUALAW001B - Protect and preserve incident scene	
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## **Parks and Gardens**

AHCPGD201A - Plant trees and shrubs	
AHCPGD206A - Conduct visual inspection of park facilities	

## **Pest Management**

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

## **Plants**

AHCPCM201A - Recognise plants	
AHCPCM202A - Collect, prepare and preserve plant specimens	

## **Soil and Water Conservation**

AHCSAW201A - Conduct erosion and sediment control activities	
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## **Vertebrate Pests**

AHCVPT201A - Clear features that harbour pest animals	
AHCVPT202A - Muster pest animals	
AHCVPT203A - Use firearms to humanely destroy animals	
AHCVPT306A - Apply animal trapping techniques	

## **Work**

AHCWRK202A - Observe environmental work practices	
AHCWRK203A - Operate in isolated and remote situations	
AHCWRK204A - Work effectively in the industry	
AHCWRK205A - Participate in workplace communications	
SITXCCS001B - Provide visitor information	

## **ELECTIVE UNITS GROUP B**

### **Arboriculture**

AHCARB202A - Fell small trees	
AHCARB205A - Operate and maintain chainsaws	

### **Biosecurity**

AHC BIO201A - Inspect and clean machinery for plant, animal and soil material	
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### **Business**

BSBWOR204A - Use business technology	
BSBINM206A - Process and maintain workplace information	

### **Chemicals**

AHCCHM201A - Apply chemicals under supervision	
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### **First Aid**

HLTFA201A - Provide basic emergency life support	
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HLTFA301B - Apply first aid	
HLTFA302A - Provide first aid in remote situation	

### **Infrastructure**

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

### **Landscape**

AHCLSC201A - Assist with landscape construction work	
AHCLSC203A - Install aggregate paths	
AHCLSC205A - Install tree protection devices	

### **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	
AHCMOM206A - Conduct grader operations	
AHCMOM207A - Conduct front-end loader operations	
AHCMOM208A - Conduct excavator operations	
AHCMOM209A - Conduct dozer operations	
AHCMOM210A - Conduct scraper operations	
FPICOT2234A - Operate 4 X 4 vehicle	
TLID1007C - Operate a forklift	

### **Nursery**

AHCNSY202A - Tend nursery plants	
AHCNSY203A - Undertake propagation activities	

### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### **Work**

AHCWRK201A - Observe and report on weather	
AHCWRK206A - Observe enterprise quality assurance procedures	
AHCWRK207A - Collect and record production data	
AHCWRK208A - Provide information on products and services	
TLID107C - Shift materials safely using manual handling methods	

## **CERTIFICATE III IN CONSERVATION AND LAND MANAGEMENT - (AHC31410)**

### **QUALIFICATION NOTES**

This qualification provides a general vocational outcome in the conservation and land management industry.

The qualification enables individuals to select an Indigenous land management, lands, parks and wildlife or natural area management context as a job focus or a mix of these.

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

Indigenous lands worker  
National parks worker  
Revegetation worker  
Land rehabilitation worker

### **PACKAGING RULES**

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

- a) two (2) core units
- b) a minimum of four (4) units from elective group A
- c) a minimum of six (6) units from elective groups A or B
- d) a maximum of four (4) units 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 conservation and land management.

### **CORE UNITS**

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

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

#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### **ELECTIVE UNITS GROUP A**

#### **Indigenous Land Management**

AHCILM301A - Propose appropriate uses of traditional customs	
AHCILM302A - Provide appropriate information on cultural knowledge	
AHCILM303A - Work in an Indigenous community or organisation	
SITGDE009A - Interpret aspects of local Australian Indigenous culture	

#### **Natural Area Restoration**

AHCNAR301A - Maintain natural areas	
AHCNAR302A - Collect and preserve biological samples	
AHCNAR303A - Implement revegetation works	
AHCNAR304A - Undertake direct seeding	
FPIFGM2201A - Collect seed	

#### **Lands, Parks and Wildlife**

AHCLPW301A - Supervise park visitor activities	
AHCLPW303A - Construct access tracks	
AHCLPW304A - Carry out inspection of designated area	

AHCLPW305A - Perform diving for scientific purposes	
AHCLPW306A - Undertake sampling and testing of water	
PUAFIR204B - Respond to wildfire	
PUAFIR303B - Suppress wildfire	
SITGDE001A - Work as a guide	

### **Fauna**

AHCFAU301A – Respond to wildlife emergencies	
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### **Infrastructure**

AHCINF303A - Plan and construct conventional fencing	
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### **Pest Management**

AHCPMG301A - Control weeds	
AHCPMG302A - Control plant pests, diseases and disorders	
AHCPMG303A - Maintain biological cultures	
AHCPMG304A - Release biological agents	

### **Vertebrate Pests**

AHCVPT302A - Implement vertebrate pest control program	
AHCVPT303A - Survey pest animals	
AHCVPT304A - Conduct vertebrate pest activities from aircraft	
AHCVPT305A - Tag and locate Judas animals	
AHCVPT306A - Apply animal trapping techniques	

### **Work**

AHCWRK311A - Conduct site inspections	
FPICOT3202A - Navigate in remote or trackless areas	

## **ELECTIVE UNITS GROUP B**

### **Biosecurity**

AHC BIO302A - Identify and report unusual disease or plant pest signs	
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### **Business**

BSBITU306A - Design and produce business documents	
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### **Chemicals**

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

### **Infrastructure**

AHCINF301A - Implement property improvement, construction and repair	
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### **Landscape**

AHCLSC301A - Set out site for construction works	
AHCLSC304A - Erect timber structures and features	

### **Machinery Operation and Maintenance**

AHCMOM301A - Coordinate machinery and equipment maintenance and repair	
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AHCMOM302A - Perform machinery maintenance	
AHCMOM304A - Operate machinery and equipment	
AHCMOM305A - Operate specialised machinery and equipment	
AHCMOM314A - Transport machinery	
AHCMOM315A - Operate chemical application machinery and equipment	

### **Parks and Gardens**

AHCPGD301A - Implement a plant establishment program	
AHCPGD304A - Implement a landscape maintenance program	
AHCPGD305A - Conduct operational inspection of park facilities	
AHCPGD306A - Implement a maintenance program for an aquatic environment	

### **Plants**

AHPCPM302A - Provide information on plants and their culture	
AHPCPM303A - Identify an unknown plant specimen	

### **Seed Processing**

AHCSPO308A - Sample seed before and after processing	
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### **Soil and Water Conservation**

AHCSAW301A - Construct conservation earthworks	
AHCSAW302A - Implement erosion and sediment control measures	

### **Work**

AHCWRK203A - Operate in isolated and remote situations	
AHCWRK303A - Respond to emergencies	
AHCWRK304A - Respond to rescue incidents	
AHCWRK305A - Coordinate work site activities	
AHCWRK310A - Provide on-job training support	
AHCWRK404A - Ensure compliance with pest legislation	
CPPSIS4005A - Collect basic GPS data	
PUAEMR006B - Treat risk at an operational level	
PUAEMR007B - Conduct risk assessment	



## **CERTIFICATE III IN INDIGENOUS LAND MANAGEMENT - (AHC31510)**

### **QUALIFICATION NOTES**

This qualification provides a vocational outcome in the Indigenous land management industry.

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

Indigenous lands worker

### **PACKAGING RULES**

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

- a) two (2) core units
- 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 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 conservation and land management.

### **CORE UNITS**

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

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

#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### **ELECTIVE UNITS GROUP A**

#### **Indigenous Land Management**

AHCILM301A - Propose appropriate uses of traditional customs	
AHCILM302A - Provide appropriate information on cultural knowledge	
AHCILM303A - Work in an Indigenous community or organisation	
AHCILM304A - Follow cultural protocols	
SITGDE009A - Interpret aspects of local Australian Indigenous culture	

#### **Fauna**

AHCFAU301A - Respond to wildlife emergencies	
LGAREGS305A - Undertake animal or reptile control duties	

#### **Lands, Parks and Wildlife**

SITGDE001A - Work as a guide	
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#### **Natural Area Restoration**

AHCNAR201A - Carry out natural area restoration works	
AHCNAR301A - Maintain natural areas	
AHCNAR303A - Implement revegetation works	
FPIFGM2201A - Collect seed	
FPIFGM3202A - Extract seed	

## **Pest Management**

AHCPMG301A - Control weeds	
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## **ELECTIVE UNITS GROUP B**

### **Business**

BSBITU306A - Design and produce business documents	
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### **Chemicals**

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

### **Infrastructure**

AHCINF301A – Implement property improvement construction and repair	
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### **Landscaping**

AHCLSC304A - Erect timber structures and features	
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### **Lands, Parks and Wildlife**

AHCLPW301A - Supervise park visitor activities	
AHCLPW303A - Construct access tracks	
AHCLPW304A - Carry out inspection of designated area	
AHCLPW305A - Perform diving for scientific purposes	
AHCLPW306A - Undertake sampling and testing of water	
PUAFIR204B - Respond to wildfire	
PUAFIR303B - Suppress wildfire	

### **Machinery Operation and Maintenance**

AHCMOM305A - Operate specialised machinery and equipment	
AHCMOM315A - Operate chemical application machinery and equipment	
FPICOT2234A - Operate 4 X 4 vehicles	

### **Plants**

AHCPCM301A - Implement a plant nutrition program	
AHCPCM302A - Provide information on plants and their culture	
AHCPCM303A - Identify an unknown plant specimen	

### **Vertebrate Pests**

AHCVPT302A - Implement vertebrate pest control program	
AHCVPT303A - Survey pest animals	
AHCVPT306A - Apply animal trapping techniques	

### **Work**

AHCWRK303A - Respond to emergencies	
AHCWRK304A - Respond to rescue incidents	
AHCWRK305A - Coordinate work site activities	
CPPSIS4005A - Collect basic GPS data	

## CERTIFICATE III IN LANDS, PARKS AND WILDLIFE - (AHC31610)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in the conservation and land management industry.

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

National parks worker

### PACKAGING RULES

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

- a) two (2) core units
- 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 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 conservation and land management.

### CORE UNITS

#### Occupational Health and Safety

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

#### Work

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### ELECTIVE UNITS GROUP A

#### Lands, Parks and Wildlife

AHCLPW301A - Supervise park visitor activities	
AHCLPW303A - Construct access tracks	
AHCLPW304A - Carry out inspection of designated area	
AHCLPW305A - Perform diving for scientific purposes	
AHCLPW306A - Undertake sampling and testing of water	
PUAFIR204B - Respond to wildfire	
PUAFIR303B - Suppress wildfire	
SITTGDE001A - Work as a guide	

#### Indigenous Land Management

AHCILM303A - Work in an Indigenous community or organisation	
SITTGDE009A - Interpret aspects of local Australian Indigenous culture	

#### Pest Management

AHCPMG301A - Control weeds	
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#### Plants

AHCPCM302A - Provide information on plants and their culture	
AHCPCM303A - Identify an unknown plant specimen	

## **ELECTIVE UNITS GROUP B**

### **Biosecurity**

AHC BIO302A - Identify and report unusual disease or plant pest signs	
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### **Fauna**

AHCFAU301A - Respond to wildlife emergencies	
LGAREGS305A - Undertake animal or reptile control duties	

### **Natural Area Restoration**

AHCNAR301A - Maintain natural areas	
AHCNAR302A - Collect and preserve biological samples	
AHCNAR303A - Implement revegetation works	
AHCNAR304A - Undertake direct seeding	
FPIFGM3201A - Manage seed collection	

### **Pest Management**

AHCPMG302A - Control plant pests, diseases and disorders	
AHCPMG303A - Maintain biological cultures	
AHCPMG304A - Release biological agents	

### **Chemicals**

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

### **Machinery Operation and Maintenance**

AHCMOM315A - Operate chemical application machinery and equipment	
FPICOT2234A - Operate 4 X 4 vehicle	

### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
AHCSOL401A - Sample soils and interpret results	

### **Work**

AHCWRK303A - Respond to emergencies	
AHCWRK304A - Respond to rescue incidents	
AHCWRK305A - Coordinate work site activities	
AHCWRK310A - Provide on-job training support	
AHCWRK311A - Conduct site inspections	
AHCWRK404A - Ensure compliance with pest legislation	
CPPSIS4005A - Collect basic GPS data	

## **CERTIFICATE III IN NATURAL AREA RESTORATION - (AHC31710)**

### **QUALIFICATION NOTES**

This qualification provides a vocational outcome in the conservation and land management industry.

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

Revegetation worker

Land rehabilitation worker

### **PACKAGING RULES**

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

- a) two (2) core units
- 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 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 conservation and land management.

### **CORE UNITS**

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

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

#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### **ELECTIVE UNITS GROUP A**

#### **Natural Area Restoration**

AHCNAR201A - Carry out natural area restoration works	
AHCNAR301A - Maintain natural areas	
AHCNAR302A - Collect and preserve biological samples	
AHCNAR303A - Implement revegetation works	
AHCNAR304A - Undertake direct seeding	
FPIFGM2201A - Collect seed	
FPIFGM3202A - Extract seed	

#### **Pest Management**

AHCPMG301A – Control weeds	
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#### **Plants**

AHCPCM302A - Provide information on plants and their culture	
AHCPCM303A - Identify an unknown plant specimen	

### **ELECTIVE UNITS GROUP B**

#### **Parks and Gardens**

AHCPGD301A - Implement a plant establishment program	
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### **Chemicals**

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

### **Machinery Operation and Maintenance**

AHCMOM315A - Operate chemical application machinery and equipment	
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### **Soils and Media**

AHCSOL201A - Determine basic properties of soil and/or growing media	
AHCSOL401A - Sample soils and interpret results	

### **Soil and Water Conservation**

AHCSAW301A - Construct conservation earthworks	
AHCSAW302A - Implement erosion and sediment control measures	

### **Work**

AHCWRK303A - Respond to emergencies	
AHCWRK304A - Respond to rescue incidents	
AHCWRK305A - Coordinate work site activities	
AHCWRK311A - Conduct site inspections	
CPPSIS4005A - Collect basic GPS data	
FPICOT3202A - Navigate in remote or trackless areas	

## CERTIFICATE III IN VERTEBRATE PEST MANAGEMENT - (AHC31810)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in vertebrate pest management. The vertebrate pest management industry expects this qualification to be achieved to meet job outcomes at this level.

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

Feral animal control officer

### PACKAGING RULES

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

- a) three (3) core units
- b) a minimum of four (4) units from elective group A
- c) a minimum of three (3) units from elective groups A or B
- d) a maximum of two (2) 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 vertebrate pest management.

### CORE UNITS

#### Occupational Health and Safety

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

#### Chemicals

AHCCHM303A - Prepare and apply chemicals	
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#### Work

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### ELECTIVE UNITS GROUP A

#### Chemicals

AHCCHM301A - Conduct fumigation in enclosed spaces	
AHCCHM304A - Transport, handle and store chemicals	
AHCCHM305A - Conduct manual fumigation of vertebrate and invertebrate pests	

#### Vertebrate Pests

AHCVPT201A - Clear features that harbour pest animals	
AHCVPT202A - Muster pest animals	
AHCVPT203A - Use firearms to humanely destroy animals	
AHCVPT302A - Implement vertebrate pest control program	
AHCVPT303A - Survey pest animals	
AHCVPT304A - Conduct vertebrate pest activities from aircraft	
AHCVPT305A - Tag and locate Judas animals	
AHCVPT306A - Apply animal trapping techniques	

## **ELECTIVE UNITS GROUP B**

### **Explosives**

AHCEXP301A - Handle and store explosives	
AHCEXP302A - Identify and select explosive products	
AHCEXP303A - Prepare and use explosives	

### **Machinery Operation and Maintenance**

AHCMOM304A - Operate machinery and equipment	
AHCMOM315A - Operate chemical application machinery and equipment	
FPICOT2234A - Operate 4 X 4 vehicle	

### **Work**

AHCWRK303A - Respond to emergencies	
AHCWRK305A - Coordinate work site activities	
AHCWRK310A - Provide on-job training support	
CPPSIS4005A - Collect basic GPS data	
FPICOT3202A - Navigate in remote or trackless area	



## **CERTIFICATE III IN WEED MANAGEMENT - (AHC31910)**

### **QUALIFICATION NOTES**

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

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

Pest management technician (Weed Control)

### **PACKAGING RULES**

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

- a) three (3) core units
- b) a minimum of four (4) units from elective group A
- c) a minimum of three (3) units from elective groups A or B
- d) a maximum of two (2) 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 weed management.

### **CORE UNITS**

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

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

#### **Chemicals**

AHCCHM303A - Prepare and apply chemicals	
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#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### **ELECTIVE UNITS GROUP A**

#### **Biosecurity**

AHC BIO201A - Inspect and clean machinery for plant, animal and soil material	
AHC BIO302A - Identify and report unusual disease or plant pest signs	

#### **Chemicals**

AHCCHM301A - Conduct fumigation in enclosed spaces	
AHCCHM304A - Transport, handle and store chemicals	

#### **Machinery Operation and Maintenance**

AHCMOM315A - Operate chemical application machinery and equipment	
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#### **Pest Management**

AHCPMG301A - Control weeds	
AHCPMG303A - Maintain biological cultures	
AHCPMG304A - Release biological agents	

**Plants**

AHCPCM302A - Provide information on plants and their culture	
AHCPCM303A - Identify an unknown plant specimen	

**Work**

AHCWRK404A - Ensure compliance with pest legislation	
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**ELECTIVE UNITS GROUP B****Machinery Operation and Maintenance**

AHCMOM305A - Operate specialised machinery and equipment	
FPICOT2234A - Operate 4 X 4 vehicle	

**Work**

AHCWRK302A - Monitor weather conditions	
AHCWRK303A - Respond to emergencies	
AHCWRK305A - Coordinate work site activities	
AHCWRK311A - Conduct site inspections	
CPPSIS4005A - Collect basic GPS data	

## **CERTIFICATE IV IN CONSERVATION AND LAND MANAGEMENT - (AHC40910)**

### **QUALIFICATION NOTES**

This qualification allows individuals to develop post trade skills and knowledge to become specialists within the conservation and land management industry.

The qualification enables a selection of units from Indigenous land management, natural area restoration, conservation earthworks or lands, parks and wildlife to create a general qualification as a job focus.

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

Senior conservation worker

### **PACKAGING RULES**

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

- a) one (1) core unit
- b) a minimum of seven (7) elective units
- c) a maximum of four (4) 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 conservation and land management.

### **CORE UNIT**

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

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

### **ELECTIVE UNITS**

#### **Biosecurity**

AHCBIO402A - Carry out field surveillance for a specific emergency disease or plant pest	
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#### **Business**

AHCBUS402A - Cost a project	
AHCBUS404A - Operate within a budget framework	
BSBRES401A - Analyse and present research information	
TLIR207C - Source goods/services and evaluate contractors	

#### **Chemicals**

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

#### **Community Co-ordination and Facilitation**

AHCCCF401A - Prepare project acquittal	
AHCCCF402A - Report on project	
AHCCCF403A - Obtain and manage sponsorship	
AHCCCF404A - Contribute to association governance	
AHCCCF405A - Develop community networks	
AHCCCF406A - Facilitate ongoing group development	
AHCCCF407A - Obtain resources from community and group	
AHCCCF408A - Promote community programs	

AHCCCCF409A - Participate in assessments of project submissions	
AHCCCCF410A - Support individuals in resource management change processes	
AHCCCCF411A - Develop approaches to include cultural and human diversity	
AHCCCCF412A - Coordinate board/committee elections	
AHCCCCF413A - Service committees	
AHCCCCF414A - Coordinate fund raising activities	
AHCCCCF415A - Coordinate social events to support group purposes	
AHCCCCF416 A - Present proposed courses of action to meeting	
CHCCD404D - Develop and implement community programs	
LGACOM502B - Devise and conduct community consultations	

### **Fire**

PUAFIR303B - Suppress wildfire	
PUAFIR407B - Conduct prescribed burn	
PUAOPE005B - Manage a multi team response	
PUAOPE004B - Conduct briefings/debriefings	

### **Indigenous Land Management**

AHCILM401A - Protect places of cultural significance	
AHCILM402A - Report on place of potential cultural significance	
AHCILM403A - Contribute to the proposal for a negotiated outcome for a given area of country	
AHCILM404A - Record and document community history	
AHCILM405A - Develop work practices to accommodate cultural identity	
SITTGDE008A - Research and share general information on Australian Indigenous cultures	

### **Landscape**

AHCLSC401A - Supervise landscape project works	
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### **Lands, Parks and Wildlife**

AHCLPW401A - Process applications for changes in land use	
AHCLPW402A - Implement land and sea management practices	
AHCLPW403A - Inspect and monitor cultural places	
AHCLPW404A - Produce maps for land management purposes	
AHCLPW405A - Monitor biodiversity	
PUACOM012B - Liaise with the media at local level	
PUALAW001B - Protect and preserve incident scene	
SITTGDE010A - Prepare specialised interpretive content on flora, fauna and landscape	
SITTGDE012A - Prepare specialised interpretive content on cultural and heritage environments	
SITTPPD005A - Plan and develop interpretive activities	
SITXCCS001B - Provide visitor information	

### **Machinery Operation and Maintenance**

AHCMOM402A - Supervise maintenance of machinery and equipment	
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### **Natural Area Restoration**

AHCNAR401A - Supervise natural area restoration works	
AHCNAR402A - Plan the implementation of revegetation works	
FPIFGM3201A - Manage seed collection	

### **Pest Management**

AHCPMG401A - Define the pest problem in a local area	
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AHCPMG402A - Develop a pest management action plan within a local area	
AHCPMG403A - Develop monitoring procedures for the local pest management strategy	
AHCPMG404A - Coordinate the local pest management strategy	
AHCPMG405A - Implement pest management action plans	
AHCPMG406A - Investigate a reported pest treatment failure	
AHCPMG407A - Monitor and evaluate the local pest management action plan	
AHCPMG408A - Control weeds, pests and/or diseases	

### **Parks and Gardens**

AHCPGD402A - Plan a plant establishment program	
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### **Plants**

AHCPM401A - Recommend plants and cultural practices	
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### **Soil and Water Conservation**

AHCSAW401A - Set out conservation earthworks	
AHCSAW402A - Supervise on-site implementation of conservation earthworks	

### **Soils and Media**

AHCSOL401A - Sample soils and interpret results	
AHCSOL403A - Prepare acid sulphate soil management plans	
AHCSOL404A - Supervise acid sulphate soil remediation and management projects	

### **Work**

AHCWRK401A - Implement and monitor quality assurance procedures	
AHCWRK402A - Provide information on issues and policies	
AHCWRK403A - Supervise work routine and staff performance	
AHCWRK404A - Ensure compliance with pest legislation	
BSBWOR402A - Promote team effectiveness	
LGAPLEM508A - Manipulate and analyse data within geographic information systems	
MSL913002A - Plan and conduct laboratory/field work	
PSPPM402B - Manage simple projects	
PSPPOL404A - Support policy implementation	
SRXGRO002A - Deal with conflict	
TAADEL301C - Provide training through instruction and demonstration of work skills	

## DIPLOMA OF CONSERVATION AND LAND MANAGEMENT - (AHC51110)

### QUALIFICATION NOTES

The Diploma of Conservation and Land Management reflects the role of personnel working in management positions with technical level skill in land management roles.

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

Lands, parks and wildlife manager  
Senior Ranger

### PACKAGING RULES

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

- a) a minimum of four (4) units from elective group A
- b) a minimum of four (4) units from elective groups A or B
- c) a maximum of two (2) units may be selected from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in conservation and land management.

### ELECTIVE UNITS GROUP A

#### Indigenous Land Management

	<b>NOTES</b>
AHCILM501A - Conduct field research into natural and cultural resources	
AHCILM502A - Develop conservation strategies for cultural resources	
AHCILM503A - Manage restoration of cultural places	
AHCILM504A - Develop strategies for Indigenous land or sea management	
AHCILM505A - Map relationship of business enterprise to culture and country	
AHCILM506A - Operate within community cultures and goals	
AHCILM507A - Plan for successful cultural practice at work	
AHCILM508A - Propose a negotiated outcome for a given area of country	
AHCILM509A - Plan burning activities for natural and cultural resource management	
AHCILM601A - Manage cultural processes in an Indigenous organisation	
SITTGDE009A - Interpret aspects of local Australian Indigenous culture	

#### Lands, Parks and Wildlife

AHCLPW501A - Develop a management plan for a designated area	
AHCLPW502A - Manage wildfire hazard reduction programs	
AHCLPW503A - Assess applications for legislative compliance	
AHCLPW504A - Review assessments for legislative compliance	
AHCLPW505A - Implement natural and cultural resource management plans	
AHCLPW506A - Investigate suspected breaches of NRM policy	
AHCLPW601A - Coordinate the preparation of a regional resource management plan	
NWP512B - Develop and review catchment management plan	
NWP513B - Implement and manage catchment management plan	
NWP516B - Develop and review surface water management plan	
NWP517B - Implement and manage surface water management plan	
NWP518B - Prepare and report on data related to flood mitigation	
NWP519B - Develop and report flood mitigation	
PUAFIR406B - Develop prescribed burning plans	
PRMWM43B - Develop an environmental management strategy	
SRXRES007B - Undertake open space planning	
SRXRES010B - Protect heritage and cultural assets	

### **Natural Area Restoration**

AHCNAR501A - Manage natural areas on a rural property	
AHCNAR502A - Conduct biological surveys	
AHCNAR503A - Design a natural area restoration project	
AHCNAR504A - Manage natural area restoration programs	
AHCNAR505A - Plan river restoration works	
AHCNAR506A - Develop and implement sustainable land use strategies	

### **Pest Management**

AHCPMG501A - Coordinate the pest management strategy in a regional or broader context	
AHCPMG502A - Define the pest problem in a regional or broader context	
AHCPMG503A - Develop a strategy for the management of target pests	
AHCPMG504A - Develop a system for monitoring the pest management strategy	
AHCPMG505A - Evaluate the pest management strategy	
AHCPMG506A - Manage the implementation of legislation	

### **Plants**

AHCPM502A - Collect and classify plants	
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### **Soil and Water Conservation**

AHCSAW501A - Design control measures and structures	
AHCSAW502A - Plan erosion and sediment control measures	
AHCSAW503A - Plan conservation earthworks	

## **ELECTIVE UNITS GROUP B**

### **Business**

AHCBUS501A - Manage staff	
AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	
AHCBUS508A - Prepare and monitor budgets and financial reports	
TLIR307C - Negotiate a contract	

### **Fauna**

AHCFAU501A - Manage fauna populations	
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### **Fire**

AHCFIR501A - Manage wildfire hazard reduction programs	
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### **Lands, Parks and Wildlife**

AHCLPW501A - Develop a management plan for a designated area	
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### **Machinery Operation and Maintenance**

AHCMOM501A - Manage machinery and equipment	
AHCMOM502A - Implement a machinery management system	
BSBOHS504B - Apply principles of OHS risk management	
BSBOHS506B - Monitor and facilitate the management of hazards associated with plant	

### **Occupational Health and Safety**

AHCOHS501A - Manage OHS processes	
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### **Natural Area Restoration**

AHCNAR501A - Manage natural areas on a rural property	
AHCNAR502A - Conduct biological surveys	
AHCNAR503A - Design a natural area restoration project	
AHCNAR504A - Manage natural area restoration programs	
AHCNAR505A - Plan river restoration works	
AHCNAR506A - Develop and implement sustainable land use strategies	
SITTPPD005A - Plan and develop interpretative activities	
SITTPPD006A - Plan and develop ecologically sustainable tourism operations	

### **Natural Resource Management**

AHCNRM501A - Develop a coastal rehabilitation strategy	
AHCNRM502A - Develop a water quality monitoring strategy	
AHCNRM503A - Support the implementation of waterways strategies	
AHCNRM504A - Interpret and report on catchment hydrology	
AHCNRM505A - Provide technical advice on sustainable catchment management	
AHCNRM506A - Plan and monitor works projects in catchments and waterways	
AHCNRM507A - Manipulate and analyse data within geographic information systems	

### **Parks and Gardens**

AHCPGD503A - Manage parks and reserves	
AHCPGD505A - Conduct comprehensive inspection of park facilities	

### **Work**

AHCWRK502A - Collect and manage data	
AHCWRK503A - Prepare reports	
AHCWRK508A - Interpret legislation	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK511A - Develop workplace policy and procedures for sustainability	
PSPPM502B - Manage complex projects	
PSPPM503B - Close complex projects	



## DIPLOMA OF COMMUNITY COORDINATION AND FACILITATION - (AHC51210)

### QUALIFICATION NOTES

The community coordination and facilitation sector is about fostering, promoting and supporting community development particularly in rural communities that are engaged in land management activities.

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

Volunteer  
Project manager  
Community group leader  
Group or project coordinator  
Regional coordinator

### PACKAGING RULES

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

- a) a minimum of four (4) units from elective group A
- b) a minimum of four (4) units from elective groups A or B
- c) a maximum of two (2) units may be selected from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in community coordination and facilitation.

### ELECTIVE UNITS GROUP A

#### Community Coordination and Facilitation

	<b>NOTES</b>
AHCCCF501A - Evaluate project submissions	
AHCCCF502A - Facilitate development of group goals and projects	
AHCCCF503A - Promote group formation and development	
AHCCCF504A - Support group and community changes in resource management	
AHCCCF505A - Contribute to regional planning process	
AHCCCF506A - Manage the incorporation of a group	
AHCCCF601A - Map regional issues and stakeholders	

### ELECTIVE UNITS GROUP B

#### Business

AHCBUS501A --Manage staff	
AHCBUS502A – Market products and services	
AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	
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	
BSBADM504B - Plan or review administrative systems	
BSBRES401A - Analyse and present research information	
TLIR307C - Negotiate a contract	
TLIL1907C - Implement and monitor transport logistics	
TLIR207C - Source goods/services and evaluate contractors	

#### Community Coordination and Facilitation

AHCCCF401A - Prepare project acquittal	
AHCCCF402A - Report on project	

AHCCCF403A - Obtain and manage sponsorship	
AHCCCF404A - Contribute to association governance	
AHCCCF405A - Develop community networks	
AHCCCF406A - Facilitate ongoing group development	
AHCCCF407A - Obtain resources from community and group	
AHCCCF408A - Promote community programs	
AHCCCF409A - Participate in assessments of project submissions	
AHCCCF410A - Support individuals in resource management change processes	
AHCCCF411A - Develop approaches to include cultural and human diversity	
AHCCCF412A - Coordinate board/committee elections	
AHCCCF413A - Service committees	
AHCCCF414A - Coordinate fund raising activities	
AHCCCF415A - Coordinate social events to support group purposes	
AHCCCF416A - Present proposed courses of action to a meeting	
CHCCD404D - Develop and implement community programs	
LGACOM502B - Devise and conduct community consultations	

### **Lands, Parks and Wildlife**

AHCLPW501A - Develop a management plan for a designated area	
PUACOM012B - Liaise with the media at a local level	

### **Occupational Health and Safety**

AHCOHS501A - Manage OHS processes	
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### **Work**

AHCWRK501A - Plan, implement and review a quality assurance program	
AHCWRK502A - Collect and manage data	
AHCWRK503A - Prepare reports	
AHCWRK504A - Assess new industry developments	
AHCWRK505A - Manage trial and/or research material	
AHCWRK507A - Implement professional practice	
AHCWRK508A - Interpret legislation	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK510A - Audit site operations	
AHCWRK511A - Develop workplace policy and procedures for sustainability	
PSPPM502B - Manage complex projects	
PSPPM503B - Close complex projects	

## DIPLOMA OF PEST MANAGEMENT - (AHC51310)

### QUALIFICATION NOTES

The Diploma of Pest Management reflects the role of personnel working as managers of pest management units.

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

Pest management manager

### PACKAGING RULES

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

- a) a minimum of four (4) units from elective group A
- b) a minimum of four (4) units from elective groups A or B
- c) a maximum of two (2) units may be selected from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in pest management.

### ELECTIVE UNITS GROUP A

#### Pest Management

	<b>NOTES</b>
AHCPMG501A - Coordinate the pest management strategy in a regional or broader context	
AHCPMG502A - Define the pest problem in a regional or broader context	
AHCPMG503A - Develop a strategy for the management of target pests	
AHCPMG504A - Develop a system for monitoring the pest management strategy	
AHCPMG505A - Evaluate the pest management strategy	
AHCPMG506A - Manage the implementation of legislation	
AHCPMG601A - Develop a plant pest survey strategy	
AHCPMG602A - Develop a plant pest destruction strategy	

### ELECTIVE UNITS GROUP B

#### Business

AHCBUS501A - Manage staff	
AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	
AHCBUS508A - Prepare and monitor budgets and financial reports	
TLIR307C - Negotiate a contract	
TLIR207C - Source goods/services and evaluate contractors	
BSBRES401A - Analyse and present research information	

#### Chemicals

AHCCHM501A - Develop and manage a chemical use strategy	
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#### Occupational Health and Safety

AHCOHS501A - Manage OHS processes	
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#### Plants

AHPCPM502A - Collect and classify plants	
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## **Natural Area Restoration**

AHCNAR502A - Conduct biological surveys	
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## **Work**

AHCWRK501A - Plan, implement and review a quality assurance program	
AHCWRK502A - Collect and manage data	
AHCWRK503A - Prepare reports	
AHCWRK504A - Assess new industry developments	
AHCWRK505A - Manage trial and/or research material	
AHCWRK508A - Interpret legislation	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK511A - Develop workplace policy and procedures for sustainability	
PSPPM502B - Manage complex projects	
PSPPM503B - Close complex projects	

## **ADVANCED DIPLOMA OF CONSERVATION AND LAND MANAGEMENT - (AHC60410)**

### **QUALIFICATION NOTES**

This qualification reflects the role of individuals working in management roles in conservation and land management.

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

Regional conservation manager  
Senior land management officer

### **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 conservation and land management.

### **ELECTIVE UNITS**

#### **Business**

	<b>NOTES</b>
AHCBUS602A - Review management plans and strategies	
AHCBUS608A - Manage risk	
BSBFIM501A - Manage budgets and financial plans	
BSBMGT617A - Develop and implement a business plan	
BSBHRM604 - Manage employee relations	
PSPPOL603A - Manage policy implementation	
PUAFIR601B - Develop and administer agency policy, procedures and practices	

#### **Community Coordination and Facilitation**

AHCCCF601A - Map regional issues and stakeholders	
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#### **Indigenous Land Management**

AHCILM601A - Manage cultural processes in an Indigenous organisation	
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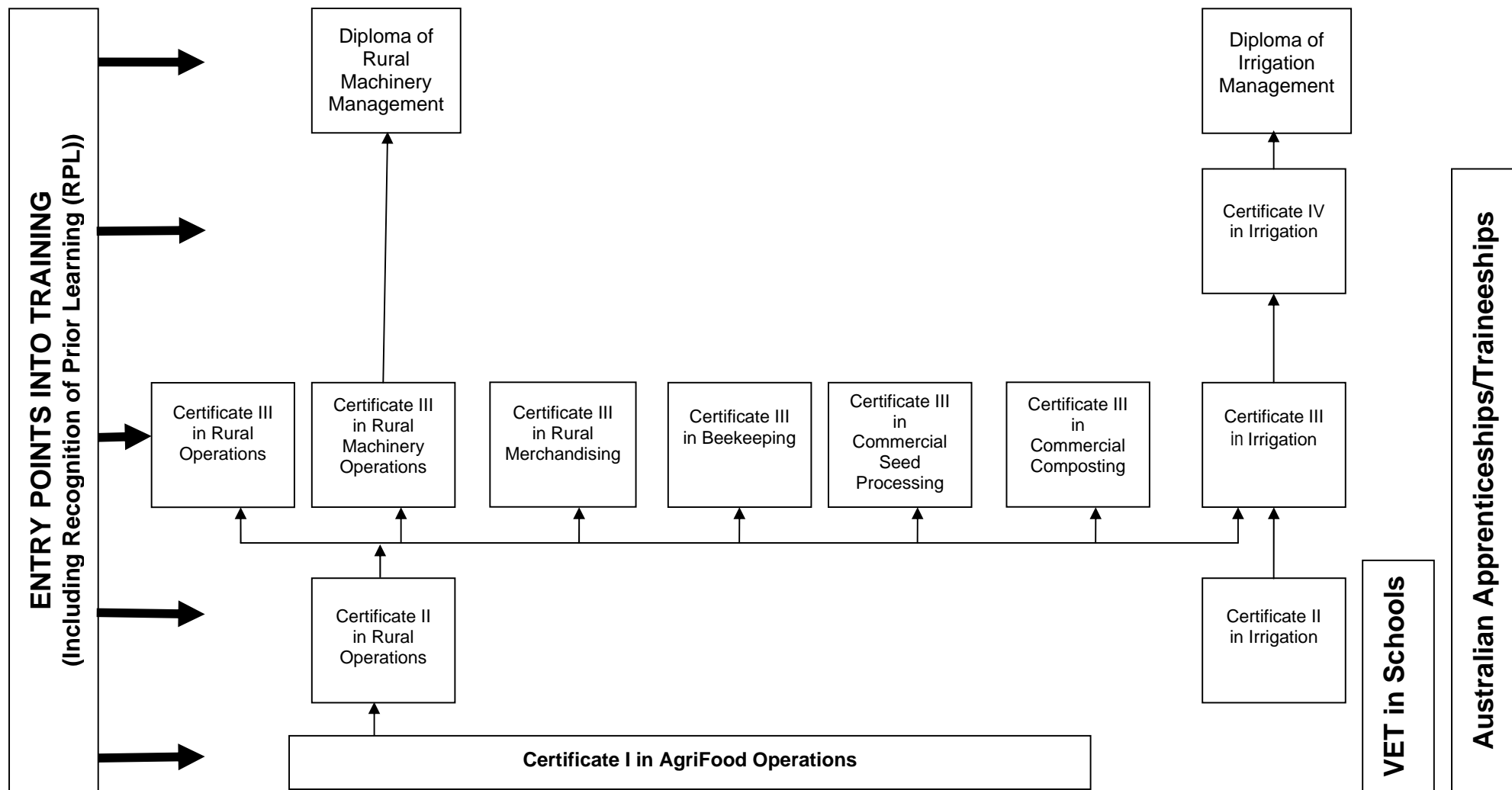
#### **Lands, Parks and Wildlife**

AHCLPW601A - Coordinate the preparation of a regional resource management plan	
AHCWRK511A - Develop workplace policy and procedures for sustainability	

#### **Work**

AHCWRK601A - Monitor projects in a program	
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## AHC10 PATHWAYS – SERVICES/IRRIGATION



## **CERTIFICATE IV IN AGRIBUSINESS – (AHC41010)**

### **QUALIFICATION NOTES**

This qualification allows individuals to develop agribusiness skills and knowledge within the agriculture and production horticulture industry. They may undertake a range of complex and non-routine tasks related to the administration of an agribusiness. The range of technical skills and knowledge is proficient and leadership of others would be expected.

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

Agribusiness administrator

### **PACKAGING RULES**

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

- a) one (1) core unit
- b) a minimum of nine (9) 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 AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the rural business.

### **CORE UNIT**

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

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

### **ELECTIVE UNITS**

#### **Agribusiness**

AHCAGB301A - Keep records for a primary production business	
AHCAGB401A - Implement and monitor a property improvement plan	
AHCAGB402A - Analyse and interpret production data	
BSBRK401A - Identify risk and apply risk management processes	

#### **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	
BSBCMM401A - Make a presentation	
BSBFIA402A - Report on financial activity	
BSBHRM402A - Recruit, select and induct staff	
BSBINM401A - Implement workplace information systems	
BSBITU404A - Produce complex desktop published documents	
BSBRES401A - Analyse and present research information	
BSBSMB405A - Monitor and manage small business operations	
BSBSMB406A - Manage small business finances	
BSBWOR402A - Promote team effectiveness	

#### **Shearing**

AHCSHG406A - Prepare shearing team wages	
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### **Broad Acre Cropping**

AHCBAC501A - Manage agricultural crop production	
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### **Livestock**

AHCLSK501A - Manage livestock production	
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### **Work**

AHCWRK401A - Implement and monitor quality assurance procedures	
AHCWRK402A - Provide information on issues and policies	
AHCWRK403A - Supervise work routines and staff performance	
AHCWRK404A - Ensure compliance with pest legislation	
BSBWOR402A - Promote team effectiveness	
MSL913002A - Plan and conduct laboratory/field work	
PSPPM402B - Manage simple projects	
PSPPOL404A - Support policy implementation	
SRXGRO002A - Deal with conflict	
TAADEL301C - Provide training through instruction and demonstration of work skills	



## DIPLOMA OF AGRIBUSINESS MANAGEMENT – (AHC51410)

### QUALIFICATION NOTES

The Diploma of Agribusiness Management reflects the role of personnel working on farms, stations and related rural businesses involved in administering and managing those businesses.

#### ***Job outcomes may include:***

Farm manager/administrator  
 Production unit manager/administrator  
 Station/property manager  
 Agribusiness manager/administrator

### PACKAGING RULES

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

- a) a minimum of eight (8) units from the elective unit list
- b) a maximum of two (2) units may be selected from the elective units or from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in rural business.

### ELECTIVE UNITS

#### Agribusiness

	<b>NOTES</b>
AHCAGB501A - Develop climate risk management strategies	
AHCAGB502A - Plan and manage infrastructure requirements	
AHCAGB503A - Plan and monitor production processes	
AHCAGB504A - Plan production for the whole land/farm based business	
AHCAGB505A - Develop a whole farm plan	
BSBADM504B - Plan or review administrative systems	
BSBWOR501A - Manage personal work priorities and professional development	
TLIL1907C - Implement and monitor transport logistics	
TLIR207C - Source goods/services and evaluate contractors	
TLIR307C - Negotiate a contract	

#### Business

AHCBUS501A - Manage staff	
AHCBUS502A - Market products and services	
AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	
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	

#### Occupational Health and Safety

AHCOHS501A - Manage OHS processes	
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#### Natural Area Restoration

AHCNAR506A - Develop and implement sustainable land use strategies.	
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#### Work

AHCWRK511A - Develop workplace policy and procedures for sustainability	
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## ADVANCED DIPLOMA OF AGRIBUSINESS MANAGEMENT – (AHC60310)

### QUALIFICATION NOTES

This qualification reflects the roles of individuals working in a range of agribusinesses. The units covered in this qualification are uniquely contextualised for the agribusiness sector and reflect the need for agribusiness specific management expertise in planning and analysis, financial and human resource management together with an emphasis on sustainability.

This qualification is also suited to the needs of individuals who possess significant theoretical agribusiness skills and knowledge that they would like to further develop in order to create further educational or employment opportunities.

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

Rural and agribusiness manager including:

- lending managers
- insurance brokers
- machinery dealers
- chemical resellers
- stock agents
- grain marketers
- real estate agents

Agriculture enterprise business managers

Production horticulture 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 agribusiness management.

### ELECTIVE UNITS

#### Agribusiness

	<b>NOTES</b>
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	
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### **Merchandising and Sales**

AHCMER501A - Develop a sales strategy for rural products	
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### **Work**

AHCWRK601A - Monitor projects in a program	
AHCWRK602A - Lead and manage community or industry organisations	
AHCWRK603A - Design and conduct a field-based research trial	
PRMWM45B - Develop site safety plan	
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	

## CERTIFICATE III IN BEEKEEPING – (AHC32010)

### QUALIFICATION NOTES

This qualification provides a vocational outcome in beekeeping.

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

Bee keeper

### PACKAGING RULES

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

- a) five (5) core units
- b) a minimum of three (3) elective units
- c) a maximum of two (2) units must come 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 beekeeping industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Beekeeping

AHCBEK301A - Manage honey bee swarms	
AHCBEK304A - Remove a honey crop from a hive	
AHCBEK305A - Extract honey	

#### Work

AHCWRK306A - Comply with industry quality assurance requirements	
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### ELECTIVE UNITS

#### Beekeeping

AHCBEK201A - Assist beekeeping work	
AHCBEK202A - Use a bee smoker	
AHCBEK203A - Open and reassemble a beehive	
AHCBEK204A - Construct and repair beehives	
AHCBEK302A - Manipulate honey bee brood	
AHCBEK303A - Re-queen a honey bee colony	
AHCBEK306A - Manage pests and disease within a honey bee colony	
AHCBEK401A - Collect and store propolis	
AHCBEK402A - Perform queen bee artificial insemination	
AHCBEK403A - Produce and harvest royal jelly	
AHCBEK404A - Provide bee pollination services	
AHCBEK405A - Select and establish an apiary site	
AHCBEK406A - Trap and store pollen	
AHCBEK407A - Rear queen bees	

#### Food Safety

FDFCORFSY2A - Implement the food safety program and procedures	
FDFHYCH2A - Operate a creamed honey manufacture process	
FDFOPHCP3A - Participate in a HACCP team	

FDFOPTISP2A - Implement sampling procedures	
FDFZCSCIP2A - Clean equipment in place	
FDFZCSCS2A - Clean and sanitize equipment	
FDFZPKPP2 - Operate a packaging process	
FDFCORQFS3A - Monitor implementation of quality and food safety programs	

**Machinery Operation and Maintenance**

TLID1007C - Operate a forklift	
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**Work**

AHCWRK303A - Respond to emergencies	
AHCWRK305A - Coordinate work site activities	
AHCWRK308A - Handle bulk materials in storage area	

## **CERTIFICATE III IN COMMERCIAL SEED PROCESSING – (AHC32111)**

### **QUALIFICATION NOTES**

This qualification provides a vocational outcome in commercial seed processing.

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

Commercial seed processor

### **PACKAGING RULES**

Completion of **nine (9) units** made up of:

- a) six (6) core units
- b) a maximum of three (3) elective units which 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. The selected units must be relevant to job outcomes in the commercial seed processing industry.

### **CORE UNITS**

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

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

#### **Seed Processing**

AHCSP0301A - Operate a screen cleaner	
AHCSP0302A - Operate an indent cylinder	
AHCSP0303A - Operate a gravity table	
AHCSP0307A - Handle, package and store commercial quantities of seed	
AHCSP0308A - Sample seed before and after processing	

### **ELECTIVE UNITS**

#### **Agribusiness**

AHCAGB301A - Keep records for a primary production business	
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#### **Machinery Operation and Maintenance**

TLID1007C - Operate a forklift	
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#### **Seed Processing**

AHCSP0304A - Operate seed modification machinery	
AHCSP0305A - Operate seed treatment machinery	
AHCSP0306A - Operate specialised seed processing machinery	

#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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## CERTIFICATE III IN COMMERCIAL COMPOSTING – (AHC32210)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in commercial composting.

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

Commercial compost facility worker

### PACKAGING RULES

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

- a) one (1) core unit
- b) a minimum of five (5) units from elective group A
- c) a minimum of two (2) units from elective groups A or B
- d) a maximum of two (2) 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 commercial composting industry.

### CORE UNIT

#### Occupational Health and Safety

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

### ELECTIVE UNITS GROUP A

#### Composting

AHCCOM301A - Operate compost processing plant, machinery and equipment	
AHCCOM302A - Dispatch materials and composted product	
AHCCOM303A - Operate a compost bagging process	
AHCCOM401A - Develop a composting recipe	
AHCCOM402A - Plan and schedule compost production	
RIIMPO304A - Conduct wheel loader operations	

#### Work

AHCWRK305A - Coordinate work site activities	
AHCWRK306A - Comply with industry quality assurance requirements	
AHCWRK308A - Handle bulk materials in storage area	

### ELECTIVE UNITS GROUP B

#### Composting

AHCCOM201A - Assess and receive raw materials for composting	
AHCCOM202A - Recognise and respond to fire emergencies on a composting site	
AHCCOM203A - Recognise raw materials, production processes and products on a composting site	
AHCCOM501A - Identify and secure raw materials supply for compost production	

#### Chemicals

AHCCHM301A - Conduct fumigation in enclosed spaces	
AHCCHM302A - Fumigate soil using chemicals	

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

**Machinery Operations 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	
AHCMOM315A - Operate chemical application machinery and equipment	



## **CERTIFICATE III IN CONSERVATION EARTHWORKS – (AHC32310)**

### **QUALIFICATION NOTES**

This qualification relates to those individuals constructing earthworks on rural properties and rural land. They perform tasks involving a broad range of skilled applications applied in a wide variety of contexts, which may involve application of some discretion and judgement in selecting equipment, services or contingency measures.

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

Earth moving plant operator (undertaking dam construction and other soil and water conservation activities)

### **PACKAGING RULES**

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

- a) three (3) core units
- b) a minimum of four (4) elective units
- c) 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 conservation earthworks.

### **CORE UNITS**

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

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

#### **Soil and Water Conservation**

AHCSAW301A - Construct conservation earthworks	
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#### **Machinery Operation and Maintenance**

AHCMOM302A - Perform machinery maintenance	
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### **ELECTIVE UNITS**

#### **Lands, Parks and Wildlife**

AHCLPW303A - Construct access tracks	
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#### **Soil and Water Conservation**

AHCSAW302A - Implement erosion and sediment control measures	
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#### **Natural Area Restoration**

AHCNAR303A - Implement revegetation works	
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#### **Machinery Operation and Maintenance**

AHCMOM304A - Operate machinery and equipment	
AHCMOM314A - Transport machinery	

#### **Work**

AHCWRK303A - Respond to emergencies	
AHCWRK305A - Coordinate worksite activities	
AHCWRK311A - Conduct site inspections	

## CERTIFICATE III IN FEEDLOT OPERATIONS – (AHC33311)

### QUALIFICATION NOTES

This qualification provides an occupational outcome in beef cattle feedlot operations. Electives must be chosen to cover a feedlot maintenance, pen riding or feeding and milling stream. The testamur issued for this qualification is to be titled AHC33311 - Certificate III in Feedlot Operations. An additional descriptor should be added by the RTO to reflect unit selection. For example:

- \* AHC33311 - Certificate III in Feedlot Operations (Feedlot Maintenance)
- \* AHC33311 - Certificate III in Feedlot Operations (Feeding and Milling)
- \* AHC33311 - Certificate III in Feedlot Operations (Pen Riding)

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

Feedlot maintenance worker  
Intensive production enterprise feed mill worker  
Pen rider

### PACKAGING RULES

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

- a) six (6) core units
- b) a minimum of eight (8) elective units must be chosen from **one** of the following streams:
  - Group A: Feedlot Maintenance
  - Group B: Feeding and Milling
  - Group C: Pen Riding
- c) a maximum of three (3) units may be selected from units aligned to Certificates II, III, IV in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the feedlot industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Biosecurity

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

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

#### Work

AHCWRK209A - Participate in environmentally sustainable work practices	
AHCWRK306A - Comply with industry quality assurance requirements	

## **ELECTIVE UNITS**

### **GROUP A: FEEDLOT MAINTENANCE**

For a Feedlot Maintenance specialisation select a minimum of eight (8) units from the following group:

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

RIIOHS202A - Enter and work in confined spaces	
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#### **Infrastructure**

AHCINF204A - Fabricate and repair metal or plastic structures	
AHCINF301A - Implement property improvement, construction and repair	

#### **Livestock**

AHCLSK213A - Clean out production sheds	
AHCLSK328A - Remove and facilitate reuse of effluent and manure from an intensive production system	

#### **Machinery Operation and Maintenance**

AHCMOM207A - Conduct front end loader operations	
AHCMOM301A - Coordinate machinery and equipment maintenance and repair	
AHCMOM305A - Operate specialised machinery and equipment	

#### **Pest Management**

AHCPMG301A - Control weeds	
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#### **Production Horticulture**

AHCPHT307A - Prepare raw materials and compost the feedstocks	
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#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### **GROUP B: FEEDING AND MILLING**

For a Feeding and Milling specialisation select a minimum of eight (8) units from the following group:

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

RIIOHS202A - Enter and work in confined spaces	
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#### **Livestock**

AHCLSK310A - Implement feeding plans for intensive production	
AHCLSK326A - Mix and mill standard stock feed	
AHCLSK333A - Monitor pen condition and ration suitability	
DFGFR3002A - Demonstrate knowledge of animal nutrition principles	

#### **Machinery Operation and Maintenance**

AHCMOM205A - Operate vehicles	
AHCMOM207A - Conduct front end loader operations	
AHCMOM302A - Perform machinery maintenance	
AHCMOM305A - Operate specialised machinery and equipment	

FDSPFGP2B - Operate a grinding process	
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### **Broad Acre Cropping**

AHCBAC204A - Prepare grain storages	
AHCBAC303A - Prepare to receive grains/seeds	

### **Pest Management**

AHCPMG301A - Control weeds	
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### **Work**

AHCWRK308A - Handle bulk materials in storage area	
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## **GROUP C: PEN RIDING**

For a Pen Rider specialisation select a minimum of eight (8) units from the following group:

### **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	
AHCLSK332A - Monitor animals in intensive production systems	
AHCLSK333A - Monitor pen condition and ration suitability	

### **Machinery Operation and Maintenance**

AHCMOM205A - Operate vehicles	
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## CERTIFICATE II IN IRRIGATION - (AHC21110)

### QUALIFICATION NOTES

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

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

Irrigation labourer  
Irrigation assistant

### PACKAGING RULES

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

- a) seven (7) core units
- b) a minimum of six (6) elective units
- c) a maximum of two (2) units from the elective units 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 irrigation industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Irrigation

AHCIRG202A - Assist with the operation of pressurised irrigation	
AHCIRG204A - Lay irrigation and/or drainage pipes	

#### Soils and Media

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

AHCWRK204A - Work effectively in the industry	
AHCWRK205A - Participate in workplace communications	
AHCWRK209A - Participate in environmentally sustainable work practices	

### ELECTIVE UNITS

#### Irrigation

AHCIRG201A - Assist with the operation of gravity fed irrigation	
AHCIRG203A - Install micro-irrigation systems	
AHCIRG205A - Maintain gravity fed irrigation systems	
AHCIRG206A - Maintain pressurised irrigation systems	

#### Merchandising and Sales

SIRXADM001A - Apply retail office procedures	
SIRXCCS001A - Apply point of sale handling procedures	
SIRXCCS002A - Interact with customers	
SIRXCLM001A - Organise and maintain work areas	
SIRXFIN001A - Balance point of sale terminal	

SIRXFIN002A - Perform retail finance duties	
SIRXICT001A - Operate retail technology	
SIRXINV002A - Maintain and order stock	
SIRXMER001A - Merchandise products	
SIRXSLS001A - Sell products and services	

**Work**

AHCWRK203A - Operate in isolated and remote situations	
AHCWRK206A - Observe enterprise quality assurance procedures	
TLID107C - Shift materials safely using manual handling methods	

## CERTIFICATE III IN IRRIGATION – (AHC32410)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in irrigation.

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

Irrigation installer  
Irrigation retail sales assistant

### PACKAGING RULES

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

- a) two (2) core units
- b) a minimum of ten (10) elective units
- c) a maximum of three (3) units may be selected 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 the irrigation industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Soils and Media

AHCSOL201A - Determine basic properties of soil and/or growing media	
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### ELECTIVE UNITS

#### Irrigation

AHCIRG203A - Install micro-irrigation systems	
AHCIRG301A - Implement a maintenance program for an irrigation system	
AHCIRG302A - Install irrigation systems	
AHCIRG303A - Measure irrigation delivery system performance	
AHCIRG305A - Operate pressurised irrigation systems	
AHCIRG306A - Troubleshoot irrigation systems	
AHCIRG307A - Recommend irrigation products and services	
CPCPWT3007A - Connect irrigation systems from drinking water supply	
CPCPCM2007A - Carry out levelling	
CPCPCM2014A - Carry out simple concreting and rendering	

#### Merchandising and Sales

AHCMER301A - Process customer complaints	
AHCMER302A - Provide advice on hardware products	
AHCMER303A - Sell products and services	
BSBCUS301A - Deliver and monitor a service to customers	
BSBPRO301A - Recommend products and services	
BSBSLS402A - Identify sales prospects	
SIRXADM002A - Coordinate retail office	
SIRXINV002A - Maintain and order stock	
SIRXINV004A - Buy merchandise	
SIRXMER001A - Merchandise products	
SIRXMER002A - Coordinate merchandise presentation	
SIRXMER003A - Monitor in-store visual merchandising display	

SIRXMER005A - Create a display	
SIRXRSK002A - Maintain store security	
SIRXSLS002A - Advise on products and services	
SIRXSLS004A - Build relationships with customers	

**Work**

AHCWRK305A - Coordinate work site activities	
AHCWRK308A - Handle bulk materials in storage area	
AHCWRK313A - Implement and monitor environmentally sustainable work practices	



## CERTIFICATE IV IN IRRIGATION – (AHC41110)

### QUALIFICATION NOTES

This qualification allows individuals to develop post-trade skills and knowledge to become specialists within the irrigation industry.

**Job titles may include:**

Team leader

### PACKAGING RULES

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

- a) three (3) 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 or 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 irrigation industry.

### CORE UNITS

#### Irrigation

	<b>NOTES</b>
AHCIRG402A - Determine hydraulic parameters for an irrigation system	
AHCIRG403A - Determine seasonal irrigation scheduling tasks	

#### Soils and Media

AHCSOL401A - Sample soils and interpret results	
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### ELECTIVE UNITS

#### Irrigation

AHCIRG404A - Implement an irrigation-related environmental protection program	
AHCIRG405A - Plan and coordinate gravity-fed irrigation systems	
AHCIRG408A - Schedule irrigations	
AHCIRG409A - Implement, monitor and adjust irrigation schedules	

#### Merchandising and Sales

AHCMER401A - Coordinate customer service and networking activities	
BSBREL402A - Build client relationships and business networks	
BSBSMB403A - Market the small business	
SIRXINV005A - Control inventory	
SIRXMER002A - Coordinate merchandise presentation	
SIRXMER004A - Manage merchandise and store presentation	
SIRXMPR001A - Profile a retail market	

#### Occupational Health and Safety

AHCOHS401A - Maintain OHS processes	
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#### Business

AHCBUS402A - Cost a project	
AHCBUS404A - Operate within a budget framework	
BSBHRM402A - Recruit, select and induct staff	

BSBSMB406A - Manage small business finances	
BSBWOR402A - Promote team effectiveness	

**Work**

AHCWRK401A - Implement and monitor quality assurance procedures	
AHCWRK403A - Supervise work routines and staff performance	
PSPPM402B - Manage simple projects	
TAADEL301C - Provide training through instruction & demonstration of work skills	

## DIPLOMA OF IRRIGATION MANAGEMENT – (AHC51610)

### QUALIFICATION NOTES

The Diploma of Irrigation Management reflects the role of an irrigation business manager.

**Job titles may include:**

Irrigation business manager

### PACKAGING RULES

Completion of **eleven (11) units** made up of:

- a) six (6) core units
- b) a minimum of three (3) elective units
- c) a maximum of two units (2) units may be selected from the elective units or from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in the irrigation industry.

### CORE UNITS

#### Irrigation

	<b>NOTES</b>
AHCIRG402A - Determine hydraulic parameters for an irrigation system	
AHCIRG501A - Audit irrigation systems	
AHCIRG502A - Design irrigation system maintenance and monitoring programs	
AHCIRG503A - Design irrigation, drainage and water treatment systems	
AHCIRG504A - Develop an irrigation and drainage management plan	

#### Soils and Media

AHCSOL501A - Monitor and manage soils for production	
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### ELECTIVE UNITS

#### Irrigation

AHCIRG505A - Establish and maintain an irrigation related environmental protection program	
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#### Merchandising and Sales

BSBCUS501B - Manage quality customer service	
SIRXCLM002A - Manage store facilities	
SIRXINV005A - Control inventory	
SIRXMER004A - Manage merchandise and store presentation	
SIRXRSK004A - Control store security	
SIRXSLS005A - Manage sales and service delivery	

#### Business

AHCBUS501A - Manage staff	
AHCBUS502A - Market products and services	
AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	
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	
BSBHRM506A - Manage recruitment, selection and induction processes	
BSBRES401A - Analyse and present research information	
TLIR207C - Source goods/services and evaluate contractors	

### **Drainage**

AHCDRG501A - Design drainage systems	
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### **Occupational Health and Safety**

AHCOHS501A - Manage OHS processes	
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### **Work**

AHCWRK502A - Collect and manage data	
AHCWRK503A - Prepare reports	
AHCWRK507A - Implement professional practice	
AHCWRK509A - Provide specialist advice to clients	
AHCWRK510A - Audit site operations	
AHCWRK511A - Develop workplace policy and procedures for sustainability	
PSPPM502B - Manage complex projects	
PSPPM503B - Close complex projects	

## CERTIFICATE III IN RURAL MACHINERY OPERATIONS – (AHC32610)

### QUALIFICATION NOTES

This qualification provides a general vocational outcome in agricultural plant operations.

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

Agricultural plant operator/contractor

### PACKAGING RULES

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

- a) five (5) core units
- b) a minimum of six (6) elective units
- c) a maximum of four (4) units may be selected from the elective units 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 machinery operations.

### CORE UNITS

#### Occupational Health and Safety

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

#### 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	

### ELECTIVE UNITS

#### Machinery Operation and Maintenance

AHCMOM306A - Ground spread fertiliser and soil ameliorant	
AHCMOM307A - Operate a cane harvester	
AHCMOM308A - Operate broadacre & row crop harvest machinery and equipment	
AHCMOM309A - Operate broadacre sowing machinery and equipment	
AHCMOM310A - Operate land-forming machinery and equipment	
AHCMOM311A - Operate precision control technology	
AHCMOM312A - Operate row crop planting and seeding machinery and equipment	
AHCMOM313A - Operate mobile irrigation machinery and equipment	
AHCMOM314A - Transport machinery	

#### Tools and Equipment

MEM05004C - Perform routine oxy acetylene welding	
MEM05007C - Perform manual heating and thermal cutting	
MEM05012C - Perform routine manual metal arc welding	

#### Work

AHCWRK303A - Respond to emergencies	
AHCWRK304A - Respond to rescue incidents	
AHCWRK305A - Coordinate work site activities	

## **DIPLOMA OF RURAL MACHINERY MANAGEMENT – (AHC51710)**

### **QUALIFICATION NOTES**

The Diploma of Rural Machinery Management reflects the role of personnel working as managers of farm machinery contract services.

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

Machinery operations manager  
Harvesting contractor/manager  
Rural plant contractor  
Farm machinery contract manager

### **PACKAGING RULES**

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

- a) one (1) core unit
- b) a minimum of three (3) units from elective group A
- c) a minimum of four (4) units from elective groups A or B
- d) a maximum of two (2) units may be selected from units aligned to Certificate IV or above in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in machinery management.

### **CORE UNIT**

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

	<b>NOTES</b>
AHCOHS501A - Manage OHS processes	

### **ELECTIVE UNITS GROUP A**

#### **Machinery**

AHCMOM501A - Manage machinery and equipment	
AHCMOM502A - Implement a machinery management system	
AHCMOM601A - Analyse machinery options	

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

BSBOHS504B - Apply principles of OHS risk management	
BSBOHS506B - Monitor and facilitate the management of hazards associated with plant	

### **ELECTIVE UNITS GROUP B**

#### **Agribusiness**

AHCAGB502A - Plan and manage infrastructure requirements	
BSBWOR501B - Manage personal work priorities and professional development	

#### **Business**

AHCBUS501A - Manage staff	
AHCBUS503A - Negotiate and monitor contracts	
AHCBUS504A - Prepare estimates, quotes and tenders	
AHCBUS506A - Develop and review a business plan	
AHCBUS507A - Monitor and review business performance	

AHCBUS508A - Prepare and monitor budgets and financial reports	
TLIR307C - Negotiate a contract	
TLIL1907C - Implement and monitor transport logistics	
TLIR207C - Source goods/services and evaluate contractors	

## CERTIFICATE III IN RURAL MERCHANDISING – (AHC32710)

### QUALIFICATION NOTES

This qualification provides a vocational outcome in rural merchandising.

***Job titles may include:***

Rural merchandiser  
Rural sales assistant

### PACKAGING RULES

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

- a) seven (7) core units
- b) three (3) elective units
- c) two (2) units may be selected 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 rural merchandising.

### CORE UNITS

#### Occupational Health and Safety

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

#### Merchandising and Sales

AHCMER303A - Sell products and services	
BSBCUS301A - Deliver and monitor a service to customers	
BSBPRO301A - Recommend products and services	
BSBSLS402A - Identify sales prospects	
SIRXSL004A - Build relationships with customers	

#### Work

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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### ELECTIVE UNITS

#### Merchandising and Sales

AHCMER301A - Process customer complaints	
AHCMER302A - Provide advice on hardware products	
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	
BSBSMB403A - Market the small business	
SIRXADM002A - Coordinate retail office	
SIRXINV002A - Maintain and order stock	
SIRXINV004A - Buy merchandise	
SIRXINV005A - Control inventory	
SIRXMER001A - Merchandise products	
SIRXMER002A - Coordinate merchandise presentation	
SIRXMER003A - Monitor in-store visual merchandising display	
SIRXMER004A - Manage merchandise and store presentation	



SIRXMER005A - Create a display	
SIRXMPR001A - Profile a retail market	
SIRXRSK002A - Maintain store security	
SIRXSLS002A - Advise on products and services	

**Business**

AHCBUS301A - Use hand-held e-business tools	
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**Machinery Operation and Maintenance**

TLID1007C - Operate a forklift	
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**Work**

AHCWRK306A - Comply with industry quality assurance requirements	
AHCWRK307A - Develop and apply fertiliser and soil ameliorant product knowledge	
AHCWRK308A - Handle bulk materials in storage area	

## CERTIFICATE I IN AGRIFOOD OPERATIONS - (AHC10210)

### QUALIFICATION NOTES

This qualification is an entry level qualification aimed at individuals entering the agriculture, horticulture and conservation and land management industries. It allows individuals to develop basic skills and knowledge to prepare for work. They may undertake a range of simple tasks under close supervision. The range of technical skills and knowledge is limited.

The qualification is suited to VET in Schools programs or learners with no previous connection to the agriculture, horticulture or conservation and land management industries or relevant employment history.

There are no specific job outcomes to this qualification, but the skills achieved will assist in successfully undertaking a Certificate II pre-vocational program or job outcome qualification, or will facilitate entry into an Australian Apprenticeship.

### PACKAGING RULES

Completion of **six (6) units** made up of:

- a) two (2) core units
- b) a minimum of two (2) elective units
- c) a maximum of two (2) units may be selected from the elective unit list below or from units aligned to Certificates I or II in AHC10 or from any other currently endorsed training package or accredited course. Selected units must be relevant to job outcomes in Agrifood industries.

### CORE UNITS

#### Occupational Health and Safety

	<b>NOTES</b>
AHCOHS101A - Work safely	

#### Work

AHCWRK101A - Maintain the workplace	
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### ELECTIVE UNITS

#### Broad Acre Cropping

AHCBAC101A - Support agricultural crop work	
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#### Chemicals

AHCCHM101A - Follow basic chemical safety rules	
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#### Horse Breeding

AHCHBR101A - Support horse work	
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#### Irrigation

AHCIRG101A - Support irrigation work	
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#### Landscape

AHCLSC101A - Support landscape work	
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### **Livestock**

AHCLSK101A - Support extensive livestock work	
AHCLSK102A - Support intensive livestock work	

### **Machinery Operation and Maintenance**

AHCMOM101A - Assist with routine maintenance of machinery and equipment	
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### **Nursery**

AHCNSY101A - Support nursery work	
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### **Organic Production**

AHCORG101A - Support organic production	
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### **Parks and Gardens**

AHCPGD101A - Support gardening work	
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### **Production Horticulture**

AHCPHT101A - Support horticultural production	
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### **Shearing**

AHCSHG101A - Undertake basic shearing and crutching	
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### **Tools and Equipment**

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

### **Turf**

AHCTRF101A - Support turf work	
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### **Wool**

AHCWOL101A - Support woolshed activities	
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## **CERTIFICATE II IN RURAL OPERATIONS - (AHC21210)**

### **QUALIFICATION NOTES**

This qualification provides an occupational outcome for industries and agencies in rural and regional Australia.

Depending on the units selected individuals can be employed not only in rural industries but also other rural and regional sectors such as local government, tourism, hospitality, transport, construction, community services, information technology and metals.

### **PACKAGING RULES**

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

- a) two (2) core units
- b) a minimum of seven (7) units must come from Certificate II in the AHC10 endorsed training package
- c) a maximum of six (6) units may be selected from units aligned to Certificates II or III from up to three (3) other currently endorsed training packages or accredited courses. Selected units must be relevant to job outcomes in AgriFood industries

### **CORE UNITS**

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

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

#### **Work**

AHCWRK209A - Participate in environmentally sustainable work practices	
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## **CERTIFICATE III IN RURAL OPERATIONS - (AHC32810)**

### **QUALIFICATION NOTES**

This qualification provides an occupational outcome in agriculture, horticulture and conservation and land management and at least one and up to three other related industries.

Depending on the units selected individuals will be able to seek employment not only in rural industries but also other industry sectors such as local government, tourism, hospitality, transport, construction, information technology and metals.

### **PACKAGING RULES**

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

- a) two (2) core units
- b) a minimum of seven (7) units from Certificate III in the AHC10 endorsed training package
- c) a maximum of seven (7) units must come from units aligned to Certificates II, III or IV from up to three (3) other currently endorsed training packages or accredited courses. Selected units must be relevant to job outcomes in AgriFood industries

### **CORE UNITS**

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

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

#### **Work**

AHCWRK313A - Implement and monitor environmentally sustainable work practices	
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## **CERTIFICATE II IN SHEARING – (AHC21310)**

### **QUALIFICATION NOTES**

This qualification provides an entry level occupational outcome in shearing. It recognises the work of an improver shearer who is able to shear sheep to an acceptable industry standard. The shearing industry expects this qualification to be achieved to meet job outcomes at this level.

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

Shearer – improver level

### **PACKAGING RULES**

Completion of **nine (9) units** made up of:

- a) eight (8) core units
- b) a maximum of one (1) unit 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 the shearing industry.

### **CORE UNITS**

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

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

#### **Shearing**

AHCSHG201A - Crutch sheep	
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	

#### **Work**

AHCWRK204A - Work effectively in the industry	
AHCWRK209A - Participate in environmentally sustainable work practices	

## CERTIFICATE III IN SHEARING – (AHC32910)

### QUALIFICATION NOTES

This qualification relates to shearing at the professional level. This requires a high standard of workmanship at a rate of at least 120 sheep per day. The shearing industry expects this qualification to be achieved to meet job outcomes at this level.

#### **Entry Requirements:**

*To be eligible to enrol in this qualification applicants must be able to demonstrate shearing skills and knowledge at the Certificate II in Shearing level by completion of that certificate or by Recognition of Prior Learning.*

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

Shearer – professional level

### PACKAGING RULES

Completion of **seven (7) units** made up of:

- \* seven (7) core units

### CORE UNITS

#### Occupational Health and Safety

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

#### Shearing

AHCSHG204A - Shear sheep to improver level	
AHCSHG302A - Prepare combs and cutters for machine shearing	
AHCSHG303A - Maintain and service shearing hand-pieces	
AHCSHG304A - Shear sheep to professional level	
AHCSHG305A - Maintain consistent shearing performance	

#### Work

AHCWRK305A - Coordinate work site activities	
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## CERTIFICATE IV IN SHEARING – (AHC41210)

### QUALIFICATION NOTES

This qualification relates to shearing at the professional level. This requires a high standard of workmanship at a rate of at least 120 sheep per day.

#### **Entry Requirements**

*To be eligible to enrol in this qualification applicants must be able to demonstrate shearing skills and knowledge at Certificate III in Shearing level by completion of that certificate or by Recognition of Prior Learning.*

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

Professional shearer  
Shearing coach  
Shearing contractor  
Shearing shed manager  
Shearing team leader

### PACKAGING RULES

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

- \* eight (8) core units

### CORE UNITS

#### Occupational Health and Safety

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

#### Shearing

AHCSHG303A - Maintain and service shearing handpieces	
AHCSHG304A - Shear sheep to professional level	
AHCSHG401A - Apply advanced shearing techniques	
AHCSHG402A - Conduct equipment experting for machine shearing	
AHCSHG403A - Account for shearing shed supplies	

#### Work

AHCWRK403A - Supervise work routines and staff performance	
TAADEL301C - Provide training through instruction and demonstration of work skills	



## **CERTIFICATE III IN WOOL CLIP PREPARATION – (AHC33010)**

### **QUALIFICATION NOTES**

This qualification is a specialist wool classing qualification for owner classers and enables them to apply for registration with AWEX Ltd.

The qualification is the minimum mandatory requirement for persons wishing to apply to the Australian Wool Exchange Ltd for registration as an Owner Wool Classer.

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

Owner Classer

### **PACKAGING RULES**

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

- \* twelve (12) core units

### **CORE UNITS**

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

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

#### **First Aid**

HLTFA301B - Apply First Aid	
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#### **Wool**

AHCWOL301A - Appraise wool using industry descriptions	
AHCWOL303A - Prepare wool based on its characteristics	
AHCWOL304A - Prepare fleece wool for classing	
AHCWOL305A - Prepare skirtings and oddments	
AHCWOL306A - Supervise clip preparation	
AHCWOL307A - Document a wool clip	
AHCWOL308A - Prepare facilities for shearing and crutching	
AHCWOL405A - Class fleece wool	

#### **Shearing**

AHCSHG407A - Oversee and instruct shed staff	
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#### **Work**

AHCWRK306A - Comply with industry quality assurance requirements	
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## **CERTIFICATE IV IN WOOL CLASSING – (AHC41310)**

### **QUALIFICATION NOTES**

This qualification is a specialist wool classing qualification for wool classers and enables them to apply for registration with AWEX Ltd as a professional Australian wool classer.

The qualification is the minimum mandatory requirement for persons wishing to apply to the Australian Wool Exchange Ltd for registration as an Australian Wool Classer.

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

Australian Wool Classer

### **PACKAGING RULES**

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

- \* twelve (12) core units

### **CORE UNITS**

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

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

#### **First Aid**

HLTFA301B - Apply first aid	
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#### **Wool**

AHCWOL301A - Appraise wool using industry descriptions	
AHCWOL303A - Prepare wool based on its characteristics	
AHCWOL304A - Prepare fleece wool for classing	
AHCWOL305A - Prepare skirtings and oddments	
AHCWOL307A - Document a wool clip	
AHCWOL401A - Determine wool classing strategies	
AHCWOL403A - Prepare for, implement and review wool harvesting, clip preparation and classing	
AHCWOL404A - Establish work routines and manage wool harvesting and preparation staff	
AHCWOL405A - Class fleece wool	

#### **Work**

AHCWRK401A - Implement and monitor quality assurance procedures	
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## CERTIFICATE II IN WOOL HANDLING – (AHC21410)

### QUALIFICATION NOTES

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

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

Wool handler

### PACKAGING RULES

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

- a) seven (7) core units
- b) a maximum of one (1) unit may be selected from 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 wool handling industry.

### CORE UNITS

#### Occupational Health and Safety

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

#### Shearing

AHCSHG202A - Assist in preparing for shearing and crutching	
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#### Wool

AHCWOL201A - Pen sheep	
AHCWOL202A - Perform board duties	
AHCWOL203A - Carry out wool pressing	

#### Work

AHCWRK202A - Observe environmental work practices	
AHCWRK204A - Work effectively in the industry	

## CERTIFICATE III IN ADVANCED WOOL HANDLING – (AHC33110)

### QUALIFICATION NOTES

This qualification focuses on a specialist wool handling role and allows individuals who are already working in the wool handling industry to develop further skills and knowledge in order to fulfil specialist roles in the organisation. The wool industry expects this qualification to be achieved to meet job outcomes at this level.

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

Shearing shed hand  
Wool handler

### PACKAGING RULES

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

- \* eight (8) core units

### CORE UNITS

#### Occupational Health and Safety

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

#### Wool

AHCWOL201A - Pen sheep	
AHCWOL304A - Prepare fleece wool for classing	
AHCWOL305A - Prepare skirtings and oddments	
AHCWOL308A - Prepare facilities for shearing and crutching	
AHCWOL310A - Press wool for a clip	
AHCWOL311A - Perform shed duties	

#### Work

AHCWRK306A - Comply with industry quality assurance requirements	
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## UNIT OF COMPETENCY

The following is an example of the type and range of information provided in a training package for each **Unit of Competency**. It includes a full description of the unit, the performance criteria, the required skills and knowledge and the evidence required as part of the assessment process, to demonstrate competency in the unit.

<b>AHCARB203A</b>	<b>Perform Above Ground Pruning</b>
<b>Unit Descriptor</b>	<p>This unit of competency covers the process of aerial pruning of ornamental trees and shrubs and defines the standard required to:</p> <ul style="list-style-type: none"> <li>* - carry out pre-operational and safety checks</li> <li>* - identify and report site and tree hazards and implement risk controls for pruning</li> <li>* - climb using documented safe work methods</li> <li>* - perform pruning to AS4373 - 2007 Pruning of amenity trees</li> <li>* - drop pruned material safely</li> <li>* - record pruning activities.</li> </ul>
<b>Employability Skills</b>	This unit contains employability skills.
<b>Pre-requisite Units</b>	
<b>Co-requisite Units</b>	
<b>Application of the Unit</b>	This unit applies to the pruning of trees and shrubs in amenity horticulture in urban and regional areas.
<b>Competency Field</b>	
<b>Unit Sector</b>	Arboriculture

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>
<b>1. Prepare for pruning operations</b>	<p>1.1 Pruning instructions are obtained and confirmed with the supervisor.</p> <p>1.2 OHS hazards are identified, risks assessed and reported to the supervisor.</p> <p>1.3 Tools and equipment are selected that are appropriate to the task being undertaken.</p> <p>1.4 Pre-operational and safety checks are carried out on pruning tools and equipment, according to manufacturers specifications and work procedures.</p> <p>1.5 Personal protective equipment required for above ground pruning is selected and used.</p>
<b>2. Perform remedial and corrective pruning of trees</b>	<p>2.1 Safety harness is fitted and adjusted according to manufacturer's guidelines and workplace safety requirements.</p> <p>2.2 Ascent to a given position for the pruning operation is achieved using communication and signage techniques according to enterprise requirements.</p> <p>2.3 Tools are used to perform remedial and corrective pruning operations according to supervisor's instructions.</p> <p>2.4 Pruning operations are carried out according to strict OHS requirements and industry codes of practice &amp; AS4373-2007 Pruning of amenity trees.</p>

	2.5	Pruning material is dropped in a safe manner into designated drop zone and may include the use of ropes.
	2.6	Descent at the conclusion of the pruning operation is completed in accordance with industry safe work standards.
<b>3. Complete pruning operations</b>	3.1	Tools and equipment are cleaned, maintained and stored according to manufacturer's specifications and enterprise standard operating procedures (SOPs).
	3.2	Pruned material is collected and disposed of and/or recycled in a manner that causes minimal damage to the environment.
	3.3	Workplace records are maintained according to enterprise guidelines.

## REQUIRED SKILLS AND KNOWLEDGE

(This section describes the skills and knowledge required for this unit).

### Required Skills

- \* – interpret directions and communicate with fellow team members.
- \* - calculate heights and safe working loads.
- \* - dispose of plant debris in an environmentally aware and sensitive manner.
- \* - minimise noise, dust, and high activity vehicle traffic to prevent nuisance-level environmental disturbance.

### Required Knowledge

- \* - the procedures to be followed for safe use of controlled ascending and descending devices.
- \* - factors affecting the timing and method of tree or shrub pruning.
- \* - basic tree structure and growth patterns
- \* - employees OHS responsibilities when carrying out above ground pruning.
- \* - the effect of adverse climatic conditions (e.g. rain, hail, wind or very high temperatures) which may prevent or impede above ground pruning operations.
- \* - the relevant industry Code of Practice.
- \* - AS4373 – 2007 Pruning of amenity trees.

## RANGE STATEMENT

(This range statement relates to the unit of competency as a whole).

<b>Trees may include:</b>	* - All species of trees and woody tree like vegetation forms.
<b>Pruning may include:</b>	* - Formative or corrective pruning and may be divided into areas of: <ul style="list-style-type: none"> <li>• crown cleaning</li> <li>• crown thinning</li> <li>• crown reduction</li> <li>• crown lifting</li> <li>• crown renewal</li> </ul>

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## EVIDENCE GUIDE

(The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package).

### Overview of Assessment

<b>Critical aspects for assessment and evidence required to demonstrate competency in this unit.</b>	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all the requirements of the performance criteria and required skills and knowledge and include achievement of the following: <ul style="list-style-type: none"><li>* - carry out pre-operational and safety checks</li><li>* - identify and report hazards and implement risk controls for pruning.</li><li>* - climb using documented safe work methods.</li><li>* - perform remedial and corrective pruning to AS4373 – 2007 Pruning of amenity trees.</li><li>* - drop pruned material safely.</li><li>* - record pruning activities.</li></ul>
<b>Context of and specific resources for assessment.</b>	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.