



# AGRI12002 Crop Protection

## Term 1 - 2017

Profile information current as at 09/05/2024 02:22 am

All details in this unit profile for AGRI12002 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

### General Information

#### Overview

This unit covers planning and management of long-term weed, pest and disease control in crops, including the principles and practices of crop protection in a crop management system. You will identify the standard required to interpret information, implement and monitor control procedures and strategies, evaluate and record control strategies and plan land use according to control strategies. You will have access to real crop production systems to develop underpinning knowledge and practices.

#### Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 7

Fraction of Full-Time Student Load: 0.125

#### Pre-requisites or Co-requisites

Prerequisite AGRI11002 Crop Management Systems

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

#### Offerings For Term 1 - 2017

- Bundaberg
- Emerald
- Rockhampton

#### Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

#### Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

## Class and Assessment Overview

### Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### 1. **Written Assessment**

Weighting: 50%

#### 2. **Written Assessment**

Weighting: 50%

### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## CQUniversity Policies

**All University policies are available on the [CQUniversity Policy site](#).**

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

## Unit Learning Outcomes

**On successful completion of this unit, you will be able to:**

1. Explain the pest, weed and/or diseases relevant to a given crop production enterprise.
2. Analyse data to determine long-term weed, pest and/or disease control strategies.
3. Assess the effect on crops of weeds, pests and/or diseases.
4. Develop an integrated weed, pest and/or disease management plan for a crop production system.
5. Evaluate weed, pest and/or disease control strategies for a crop production system.



## Textbooks and Resources

### Textbooks

**There are no required textbooks.**

### IT Resources

**You will need access to the following IT resources:**

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

## Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Daniel Cozzolino** Unit Coordinator  
[d.cozzolino@cqu.edu.au](mailto:d.cozzolino@cqu.edu.au)

## Schedule

### Week 1 - 06 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Background to crop protection		

### Week 2 - 13 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Weeds identification		

### Week 3 - 20 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Disease identification		

### Week 4 - 27 Mar 2017

Module/Topic	Chapter	Events and Submissions/Topic
Pest identification		

### Week 5 - 03 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Weeds - integrated pest management		<b>Crop Protection Handbook</b> Due: Week 5 Friday (7 Apr 2017) 5:00 pm AEST

### Vacation Week - 10 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Break week		

### Week 6 - 17 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
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Weeds - integrated pest management

#### Week 7 - 24 Apr 2017

Module/Topic	Chapter	Events and Submissions/Topic
Disease - integrated pest management		

#### Week 8 - 01 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Disease - integrated pest management		

#### Week 9 - 08 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Pest - integrated pest management		

#### Week 10 - 15 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Pest - integrated pest management		

#### Week 11 - 22 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Weed / Pest / Disease IPM		

#### Week 12 - 29 May 2017

Module/Topic	Chapter	Events and Submissions/Topic
Weed / Pest / Disease IPM		

#### Review/Exam Week - 05 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic
		<b>Integrated Pest Management Property Plan</b> Due: Review/Exam Week Monday (5 June 2017) 5:00 pm AEST

#### Exam Week - 12 Jun 2017

Module/Topic	Chapter	Events and Submissions/Topic
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## Assessment Tasks

### 1 Crop Protection Handbook

#### Assessment Type

Written Assessment

#### Task Description

Topic/Question: Crop Protection Handbook - A Practical Resource for Field Identification.

You are required to complete a practical handbook. The handbook will be completed in both practical classes and during your own time. The aim of this assessment is to develop a resource of weeds, vertebrate and invertebrate pests and diseases for a variety of agricultural crops and regions that can be used into the future as a personal reference manual. You will be provided with a practical book template in week 1 of term and will be expected to attend all lectures, tutorials and practicals to assist in completing the practical book.

#### Assessment Due Date

Week 5 Friday (7 Apr 2017) 5:00 pm AEST

#### Return Date to Students

Monday (17 Apr 2017)

Feedback to students

**Weighting**

50%

**Assessment Criteria**

You will be provided with a practical book template and marking rubric in week 1.

Marks are awarded for:

1. a definition of the topic (5%);
2. the quality of the background review (30%);
3. the discussion of this information in context of the question asked (50%);
4. and the clarity of English expression, spelling, grammar, accuracy of referencing, use of figures and tables, appropriate length (15%).

**Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

**Submission**

Online

**Learning Outcomes Assessed**

- Explain the pest, weed and/or diseases relevant to a given crop production enterprise.
- Assess the effect on crops of weeds, pests and/or diseases.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## 2 Integrated Pest Management Property Plan

**Assessment Type**

Written Assessment

**Task Description**

Topic/Question: Crop Protection, Integrated Pest Management Property Plan.

In this assessment you will develop an Integrated Pest Management Plan for one of the cropping systems case studies provided on the Moodle site, with the aim of ensuring a profitable crop.

The assessment will include: the identification of weeds, vertebrate and invertebrate pests and diseases that affect the cropping system; and analysis of data on pest pressure in the cropping system. You will evaluate the practical and financial viability of your plan, its environmental sustainability and possible impacts on other farm enterprises. This assignment will be presented as a website, with the aim of providing an online resource for growers and other industry representatives.

Length: Maximum total word limit is 3 000 words across a maximum of 6 web pages.

**Assessment Due Date**

Review/Exam Week Monday (5 June 2017) 5:00 pm AEST

**Return Date to Students**

Monday (12 June 2017)

**Weighting**

50%

**Assessment Criteria**

You will be provided with a template for the Integrated Pest Management Property Plan and marking rubric in Week 1.

Marks are awarded for:

1. a definition of the topic (5%);
2. the quality of the background review (30%);
3. the discussion of this information in context of the question asked (50%);
4. and the clarity of English expression, spelling, grammar, accuracy of referencing, use of figures and tables, appropriate length (15%).

**Referencing Style**

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

**Submission**

Online

**Learning Outcomes Assessed**

- Analyse data to determine long-term weed, pest and/or disease control strategies.
- Develop an integrated weed, pest and/or disease management plan for a crop production system.
- Evaluate weed, pest and/or disease control strategies for a crop production system.

**Graduate Attributes**

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

## Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

### What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

### Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

### Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

### What can you do to act with integrity?



#### Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



#### Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



#### Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem