



**Australian Government**

# **AHCPHT301 Carry out a crop regulation program**

**Release: 1**

# AHCPTH301 Carry out a crop regulation program

## Modification History

Not applicable.

## Application

This unit of competency describes the skills and knowledge required to carry out a crop regulation program in which thinning and pruning of flower, fruit or vegetable crops is undertaken to control yield and quality.

## Unit Sector

Production horticulture (PHT)

## Elements and Performance Criteria

| Element                                    | Performance criteria                                                                                                                                                                                                                                                                                            |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes.  | Performance criteria describe the performance needed to demonstrate achievement of the element.                                                                                                                                                                                                                 |
| 1. Prepare for the crop regulation program | 1.1 Identify the site and operational requirements of the program<br>1.2 Select crop regulation tools and equipment<br>1.3 Carry out pre-operational and safety checks on tools, equipment and machinery<br>1.4 Calibrate and adjust tools, equipment and machinery                                             |
| 2. Implement the crop regulation program   | 2.1 Identify and organise work teams and contractors<br>2.2 Co-ordinate work in a sequential, timely and effective manner<br>2.3 Plan work in an efficient, sequential and co-ordinated manner<br>2.4 Monitor crop regulation tasks and undertake remedial action where necessary to achieve program objectives |
| 3. Complete crop regulation activities     | 3.1 Remove and dispose of waste material<br>3.2 Clean, maintain and store tools, equipment and machinery<br>3.3 Record or report work outcomes                                                                                                                                                                  |

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Unit Mapping Information

This unit is equivalent to AHCPTH301A Carry out a crop regulation program.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

# Assessment Requirements for AHCPTH301 Carry out a crop regulation program

## Modification History

| Release | TP Version | Comment         |
|---------|------------|-----------------|
| 1       | AHC v1.1   | Initial release |

## Performance Evidence

The candidate must demonstrate evidence of their ability to satisfy holistically all of the requirements of unit. Performance should be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- assess the effects on plant growth, habit and production levels of thinning and pruning operations
- co-ordinate work groups
- prepare for crop regulation activities
- carry-out crop thinning procedures as required
- use a range of methods to achieve crop regulation goals
- record or report activities
- store and maintain equipment and materials

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of crop regulation
  - effects on plant growth, habit and production levels of thinning and pruning operations in relation to the market goals of the enterprise
  - enterprise quality procedures and characteristics of a crop relative to varying market requirements
  - environmental impacts of crop regulation and disposal of waste
  - principles of thinning and pruning and the methods used to achieve crop regulation goals
  - safe work procedures for use of machinery and equipment
  - types of crop regulation materials
  -

## Assessment Conditions

Assessors must satisfy current standards for RTOs.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>