



Australian Government

AHCPHT312 Implement a crop regulation program

Release: 1

AHCPTH312 Implement a crop regulation program

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to implement a crop regulation program, including preparing the program and communicating, monitoring and undertaking crop regulation, and completing crop regulation activities.

The unit applies to individuals who implement a crop regulation program under broad direction, and take responsibility for their own work and the quality of the work of others.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Production Horticulture (PHT)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for the crop regulation program	1.1 Identify and confirm with supervisor the crop to be regulated and operational requirements of the program 1.2 Select, tools, equipment and machinery appropriate for the crop to be regulated, and check for safe operation 1.3 Identify environmental and biosecurity implications associated with regulating crop, and minimise impact 1.4 Select, fit, use and maintain personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	according to the task and workplace safety requirements 1.5 Calibrate and adjust tools, equipment and machinery
2. Communicate and monitor crop regulation activities	2.1 Inform work teams and contractors of the operational requirements of the regulation program and strategy 2.2 Communicate daily work tasks to work teams and contractors 2.3 Monitor crop regulation tasks and undertake remedial action where necessary to achieve program objectives
3. Undertake crop regulation	3.1 Evaluate crop growth and identify plant material to be thinned or pruned 3.2 Regulate crop using techniques appropriate to crop requirements 3.3 Operate crop regulation tools, equipment and machinery safely 3.4 Record and report signs of diseases and pests according to workplace procedures
4. Complete crop regulation activities	4.1 Remove and dispose of waste material according to workplace and biosecurity requirements 4.2 Clean, maintain and return tools, equipment and machinery to required location 4.3 Identify and report unserviceable tools, equipment and machinery according to workplace procedures 4.4 Record and report crop regulation activities

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret textual information from a range of sources to identify relevant and key information about the crop regulation program
Writing	Use clear language, accurate industry terminology and logical structure to record signs of diseases and pests, and complete crop regulation activity records

Skill	Description
Oral communication	- Initiate discussions with supervisor using clear language to confirm crop to be regulated and report signs of diseases and pest, crop regulation activities, and unserviceable tools, equipment and machinery - Use clear language to inform work teams and contractors of crop regulation program operational requirements and strategy, and daily work tasks

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPHT312 Implement a crop regulation program	AHCPHT301 Carry out a crop regulation program	Redesigned unit that includes content from previous unit	Not equivalent
AHCPHT312 Implement a crop regulation program	AHCPHT305 Regulate crops	Redesigned unit that includes content from previous unit	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPTH312 Implement a crop regulation program

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has implemented a crop regulation program on at least two occasions, and has:

- selected and operated crop regulation tools, equipment and machinery, and checked for safe operation
- applied workplace health and safety requirements applicable to regulating crops
- minimised environmental and biosecurity impacts associated with the crop regulation program
- used and maintained a range of plant thinning and pruning tools
- communicated and monitored the crop regulation program
- evaluated crop growth and identified plant material to be thinned or pruned
- assessed the effects of thinning and pruning operations on plant growth, habit and production levels
- used a range of methods to achieve crop regulation goals
- recorded and reported signs of diseases and pests, crop regulation activities and unserviceable tools, equipment and machinery
- removed and disposed of waste material
- cleaned, maintained and stored tools, equipment and machinery.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- crop regulation tools, equipment and machinery operating instructions and safe work procedures
- workplace health and safety requirements applicable to regulating crops
- industry and workplace environment and biosecurity procedures applicable to regulating crops

- principles and practices of crop regulation, including:
 - effect of weather on crop regulation activities
 - effects on thinning and pruning operations on plant growth, habit and production levels
 - workplace quality procedures and characteristics of crop being regulated
 - principles of thinning and pruning and the methods used to achieve crop regulation goals
 - types of crop regulation methods and materials
 - signs of pests and disease.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - crop regulation tools, equipment and machinery
 - personal protective equipment applicable to crop regulation
 - principles and practices of crop regulation
- specifications:
 - crop regulation tools, equipment and machinery operating instructions and safe work procedures
 - industry and workplace environment and biosecurity procedures applicable to regulating crops
 - workplace health and safety requirements applicable to regulating crops
- relationships:
 - team members, contractors and supervisor
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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