



**Australian Government**

# **AHCPHT409 Develop a crop regulation program**

**Release: 1**

## AHCPHT409 Develop 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 assess, develop, document and monitor a crop regulation program.

The unit applies to individuals who apply specialist skills and knowledge to developing a crop regulation program. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.

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. Assess crop regulation methods	1.1 Identify production targets and requirements, including quantity, quality and availability of specified crops 1.2 Research the characteristics and growing requirements of plant species and cultivars that may affect the crop regulation program 1.3 Assess the benefits and limitations of available crop regulation

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>methods for specified crops</p> <p>1.4 Identify hazards and assess risks associated with program, and develop, document and cost control measures to manage risks according to workplace health and safety procedures</p> <p>1.5 Determine cost-effective approach to crop regulation, and submit to management for approval</p>
2. Identify the requirements of a crop regulation program	<p>2.1 Develop crop regulation program to achieve appropriate yield and quality</p> <p>2.2 Identify and confirm availability of resources, tools, equipment and machinery for the program</p> <p>2.3 Outline staged implementation and development according to the range of conditions during the growing cycle</p> <p>2.4 Determine timelines for crop regulation activities, taking into account the needs of the crop and site conditions</p>
3. Prepare and document the crop regulation program and specifications	<p>3.1 Prepare and document the crop regulation plan, specifications and quotation based on the requirements of the program</p> <p>3.2 Develop and document on-site procedures and schedule of activities for the program</p>
4. Monitor the crop regulation program	<p>4.1 Communicate the crop regulation plan, specifications, on-site procedures and schedule of activities to staff</p> <p>4.2 Monitor program implementation to ensure requirements of the production plan are achieved</p> <p>4.3 Review and refine program to ensure it is responsive to changing conditions</p> <p>4.4 Identify non-compliance with documented objectives and specifications, and implement remedial actions to alleviate or overcome identified shortcomings in program</p> <p>4.5 Identify and document remediation action, and report to management</p>

## 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	<ul style="list-style-type: none"> <li>Identify and interpret information regarding requirements for crop regulation program and plan</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Initiate discussions with management, using clear language to discuss program requirements, quotation and crop regulation plan</li> <li>Initiate discussions with staff, using clear language and standard industry terminology to communicate crop regulation plan, specifications, on-site procedures and schedule of activities</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Calculate labour, materials, tools, equipment and risk control cost</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPHT409 Develop a crop regulation program	AHCPHT402 Develop a crop regulation program	Minor changes to application  Major changes to performance criteria  Foundation skills added  Assessment requirements updated	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>