



**Australian Government**

# **Assessment Requirements for AHCPHT402 Develop a crop regulation program**

**Release: 1**

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## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- assess and select cost-effective techniques, resources and equipment for the regulation of horticultural crops
- develop a crop regulation program to achieve the yield and quality specified in the enterprise production plan
- document a crop regulation plan, specifications and quotation
- document detailed schedules and work procedures
- prepare a cost-benefit analysis on available crop regulation methods
- review the crop regulation program
- implement appropriate courses of action in response to identified shortcomings

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- crop regulation published data on the species and cultivars
- principles and practices for developing a crop regulation program
- processes and techniques for preparing, costing and documenting plans for scheduling crop regulation activities
- site evaluation techniques, including analysis of the condition of soils, plants and the site for production activities
- specific crop physiology and timing of regulation
- the characteristics of soil and other growth media types and the use of additives to enhance the available nutrition for specific plant species and cultivars
- the relationship between enterprise crop regulation methods, such as thinning, pruning and RDI, and the yield and quality of specific crops

## **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>