



**Australian Government**

# **Assessment Requirements for AHCPHT409 Develop a crop regulation program**

**Release: 1**

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## Modification History

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

## 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 developed a crop regulation program on at least one occasion, and has:

- assessed and selected cost-effective techniques, resources and equipment for the regulation of horticultural crops
- applied relevant workplace health and safety procedures
- prepared a cost-benefit analysis on available crop regulation methods
- developed a crop regulation program to achieve the yield and quality specified in the workplace production plan
- documented a crop regulation plan, specifications and quotation
- documented detailed schedules and work procedures
- monitored and reviewed the crop regulation program
- implemented appropriate courses of action in response to identified shortcomings.

## 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:

- principles and practices for developing a crop regulation program, including:
  - 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 workplace crop regulation methods, including thinning, pruning and regulated deficit irrigation (RDI), and the yield and quality of specific crops
- crop regulation published data on the species and cultivars
- workplace requirements applicable to health and safety in the workplace for developing a crop regulation program.

## 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 production plan
  - crop regulation published data on the species and cultivars
  - industry publications and internet sources of information relevant to developing a crop regulation program
- specifications:
  - workplace requirements applicable to health and safety in the workplace for developing a crop regulation program
- relationships:
  - staff and management
- 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

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