



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>