



**Australian Government**

# **Assessment Requirements for AHCBAAC408 Manage agricultural crop production**

**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:

- apply environmental protection strategies in land use
- set objectives and milestones for a cropping program
- determine soil quality and land use capability
- determine crop nutrient requirements and fertiliser requirements
- measure and assess quantities of fertiliser to meet plant requirements
- predict patterns of weed infestation
- manage irrigation processes to avoid soil degradation if applicable
- demonstrate use of technology to improve efficiency
- prepare budgets
- develop a cropping program for an enterprise
- plan for crop establishment
- monitor growing crops, provide inputs and carry out cultural practices as required
- develop a plan for the crop harvest
- monitor crop yields and evaluate production performance
- implement work health and safety policies in the context of the work team
- implement enterprise environmental sustainability practices in the context of the work team.

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- land and soil conditions
- effects of soil characteristics on nutrient availability
- role of technology in improving efficiency

- budgeting and financial analysis techniques
- environmental protection strategies
- cultivation requirements for different types of crop
- safe handling processes for fertilisers
- infestation patterns for different types of weed
- integrated strategies for the management of pests, weeds and diseases
- work health and safety legislative requirements
- environmental legislation and codes of practice, relating to farm production.

## **Assessment Conditions**

Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.

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>