



**Australian Government**

# **AHCBAC307 Maintain agricultural crops**

**Release: 1**

## AHCBC307 Maintain agricultural crops

### Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

### Application

This unit of competency describes the skills and knowledge required to maintain agricultural crops.

All work must be carried out to comply with workplace procedures, work health and safety and biosecurity legislation and codes, and sustainability practices.

Operating machinery carries risk and candidates should observe all enterprise and manufacturer's requirements.

This unit applies to individuals who work under broad direction and take responsibility for own work including limited responsibility for the work of others. They use discretion and judgement in the selection and use of available resources and complete routine activities.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

### Pre-requisite Unit

Nil.

### Unit Sector

Broad acre cropping (BAC)

### Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Monitor & assess agricultural crop condition, growth and requirements	1.1 Monitor crop health regularly and record observations 1.2 Report deviation from expected growth and vigour 1.3 Identify, monitor and report weeds, pests and diseases 1.4 Follow directions to establish sites for regular measurement of soil

Element	Performance criteria
	moisture 1.5 Measure moisture levels and calculate soil water percentage using soil probe 1.6 Report observations of crop ripening to manager to determine the timing of harvest
2. Undertake crop health operations	2.1 Identify hazards and implement appropriate controls 2.2 Select, use and maintain appropriate personal protective equipment 2.3 Follow label instructions and any specialist advice 2.4 Apply specialist sprays appropriately for growth stages 2.5 Apply technology to ensure most efficient performance of operations 2.6 Conduct any required chipping or spot spraying 2.7 Assess, record and report crop growth stages and keys 2.8 Apply water as required 2.9 Consider adverse environmental impacts when performing all applications
3. Complete cleaning and hygiene operations	3.1 Clean and maintain equipment appropriately 3.2 Dispose of all containers, leftover fluids, waste and debris from the maintenance and servicing work according to enterprise policies and minimising the impact on the environment 3.3 Complete all required records and documentation appropriately

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

This unit is equivalent to AHCBC307A Maintain agricultural crops.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>