



**Australian Government**

# **Assessment Requirements for AHCBAC505 Plan and manage long-term weed, pest or disease control in crops**

**Release: 1**

## Assessment Requirements for AHCBAC505 Plan and manage long-term weed, pest or disease control in crops

### 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:

- interpret monitored information on pest and weed numbers, density and control
- interpret, analyse and extract information from a range of sources and discussions
- plan and manage long-term weed, pest or disease control including amending plans during the operations
- plan land use incorporating appropriate weed, pest or disease control measures
- establish processes or strategies, procedures and controls for long-term weed, pest or disease control
- demonstrate correct use of technology to improve efficiency
- negotiate and arrange contracts and agreements
- explain, and deliver instructions about the plans and scheduling of the weed, pest or disease control operations to both staff and contractors, as well as suppliers, customers, and neighbours
- recognise poor growth and lack of vigour caused by weeds, pests or disease rather than nutrient deficiency
- observe, identify and react appropriately to environmental implications and work health and safety hazards
- interpret information on pest and weed numbers, density and control
- establish processes or strategies, procedures and controls for long-term weed, pest or disease control
- implement and monitor long-term weed, pest or disease control strategies
- use records and observations to evaluate weed, pest or disease control strategies
- plan land use incorporating long term weed, pest or disease control strategies
- implement work health and safety policies
- implement enterprise biosecurity policies.

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- pest and weed species, including their life cycles and reproduction or multiplication capability
- integrated pest and weed management
- effects on crops of weeds, pests or diseases including competitive effects on crop yield; threshold levels; and the effects of alternative methods of control
- role of technology in improving efficiency
- environmental controls and codes of practice applicable to the enterprise
- relevant legislation and regulations relating to work health and safety, contractor engagement, chemical use and application, and vehicle and plant use
- environmental controls and codes of practice applicable to the business, and to the weed, pest or disease control operations
- sound management practices and processes to minimise noise, odours, and debris from weed, pest or disease control operations
- enterprise biosecurity policies.

## 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>