



Australian Government

Assessment Requirements for AHCAGB506 Manage application technology

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:

- interpret, analyse and extract information from a range of sources
- establish processes, strategies, procedures and controls for the application of chemical and biological agents
- prepare written plans and procedures for implementation by others
- explain and deliver instructions about the plans and scheduling of operations
- identify and react appropriately to environmental implications and work health and safety hazards
- identify and assess weeds, pests, diseases and nutritional and other deficiencies
- formulate efficient, cost effective control programs
- read and interpret manufacturer's instructions and agent labels
- record recommendations and applications.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- characteristics of pest, weed and disease species including their life cycles and reproduction capability
- principles of integrated pest and weed management
- range and classes of fertilisers, herbicides, insecticides and fungicides available and their basic chemistry
- growth stages of weeds and plant morphology
- the effects on crops of weeds, pests, diseases and/or lack of soil fertility
- mode of action of chemical or biological control agents and long term effects of these agents with respect to plant back periods and resistance

- range and effect of different nozzles, pressures, spray patterns, droplet sizes and basic physics of droplets and fluids
- work health and safety hazards and controls and environmental impacts
- best management practices and processes to minimise the impact of agents
- federal, state and local government legislation and regulations.

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