



Australian Government

Assessment Requirements for AHCCHM303 Prepare and apply chemicals

Release: 3

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Modification History

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.1.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

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:

- determine the need for chemical application
- develop an application/spray plan
- identify hazards and implement risk control procedures to ensure a safe workplace
- interpret and apply chemical label requirements included in the application or spray plan
- identify weather conditions that impact on spray drift risk and implement control measures
- conduct pre-operational checks of application equipment
- calibrate handheld and/or powered application equipment relevant to the industry sector
- mix and load chemicals in accordance with label requirements
- measure and record weather conditions before and during and after application
- apply chemicals safely in compliance with labels, legislation and codes of practice
- dispose of surplus chemicals and empty containers
- record relevant information including amount of chemical applied
- use appropriate personal protective equipment
- follow emergency procedures during an accident or spillage.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- options for pest control based on the Integrated Pest and Resistance Management Plan
- pest and/or disease resistance management
- various chemical labels and SDS formats
- impact of meteorological factors on the safe and effective application of chemicals
- factors that determine spray drift risk including droplet size, wind speed, temperature and temperature inversions and approaches to controlling spray drift risk
- risk factors including human and animal health, weather prior to, during and after application, spillage, residues in plants and animals consumed as food and environmental
- how to mix chemicals including mixing order, adjuvants and water quality
- requirements for disposal of excess chemicals, clearing spillages and equipment clean up
- how to select, operate and use a variety of application equipment including boom sprays
- features, functions and calibration techniques for a range of powered and hand held application equipment relevant to the industry sector
- spray nozzle identification, selection, operation and use
- pests, weeds and/or diseases relevant to the industry sector
- legislation, regulations and licensing requirements in relation to chemical use
- APVMA policy on spray drift management.

Assessment Conditions

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

The candidate must be assessed at least once calibrating application equipment.

Assessors must satisfy current standards for RTOs.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>