



Australian Government

Assessment Requirements for AHCPMG313 Prepare, monitor and maintain biological agents for weeds

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that on at least one occasion the individual has demonstrated that they have prepared, monitored and maintained biological agents for weed control, including:

- prepared and propagated biological agents according to laboratory policies and procedures
- procured and transferred cultures to growing environment according to laboratory policies and procedures
- maintained, harvested and stored biological agents according to laboratory policies and procedures
- monitored and kept records of observations and details of any abnormalities according to laboratory policies and procedures.
- applied health and safety in the workplace procedures, environmental sustainability and biosecurity practices.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- context of biological agents used for weed control
- laboratory procedures for biological agents
- media available for culture maintenance
- culture and media preparation techniques
- available biological control agents and their use
- the range of pest species that are to be targeted with biological agents
- biosecurity and quarantine requirements
- health and safety in the workplace for laboratories and biological agents, including:
 - use of personal protection equipment (PPE)
- environmental sustainability and biosecurity practices when using biological agents.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a laboratory suitable for handling biological agents or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - live biological agents
 - laboratory tools, equipment and materials to produce and store media
 - PPE
- specifications:
 - workplace and laboratory policies, procedures and processes
 - safety data sheets
 - workplace instructions and specifications.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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