



Australian Government

**Assessment Requirements for AHCAGB522
Implement the introduction of
biotechnology into the production system**

Release: 1

Assessment Requirements for AHCAGB522 Implement the introduction of biotechnology into the production system

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has introduced biotechnology into a land based production system on at least one occasion, including:

- researched implications of introducing biotechnology into one business
- recognised potential opportunities of introducing biotechnology
- developed a plan to introduce biotechnology
- conducted an audit before and after the introduction of biotechnology products to identify if risk management strategies are appropriate
- completed and maintained appropriate quality assurance documentation
- implemented and evaluated biotechnology plan.

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:

- benefits and risks of introducing biotechnology into a production system, including those arising from climate change, pressure on global food supplies and the management of pests and diseases
- principles of sustainability
- state/territory legislation, regulations and codes of practice relevant to biotechnology and the development and use of genetically modified organisms in Australia
- methods of risk assessment for the production system
- implementing, monitoring and maintenance of a quality management system
- issues presented to other farmers and community when using biotechnology in a production system.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - access to information about biotechnology
 - land based production site
- specifications:
 - legislation, regulations and codes of practice relevant to use of biotechnology in land based businesses.

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>