



**Australian Government**

# **Assessment Requirements for AHCBA513 Apply plant biology to agronomic practices**

**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 6.0.

## 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 applied plant biology to agronomic practices on at least two occasions, and has:

- identified plants according to accepted taxonomic classifications
- used appropriate authoritative references and resources for plant classification
- used an appropriate botanical key to identify a variety of plant species, including:
  - natives
  - introduced plants
  - crops or pastures
- described plant taxonomy, morphology and critical growth stages
- applied scientific concepts of plant biology to agronomic 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:

- principles of agronomy and agronomic practices, including:
  - plant taxonomy
  - plant nomenclature
  - plant physiology
  - plant morphology
  - relationship to plant development
  - farming systems
  - weeds as indicators of soil conditions
  - characteristics of plants at various growth stages, from germination to maturity.

## Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
  - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - plants
  - botanical key
- relationships:
  - appropriate personnel
- timeframes:
  - according to the job requirements.

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>