



Australian Government

Assessment Requirements for AHCORG513 Manage an agroecology production system

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 9.0.

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, on at least one occasion, managed and monitored a farm agroecology production system and has:

- identified farm agroecosystem functions
- assessed health of existing farm ecosystems
- developed plans to enhance farm agroecosystem, which must include:
 - the encouragement of niche development
 - increased complexity of agroecosystem
 - improved interactions between components of farm agroecosystem
- reviewed ecosystem and farm production performance.
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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:

- advantages of ecological agriculture farming
- ecosystem processes, including:
 - energy flow
 - nutrient cycles
 - biological succession
 - predator and prey relationships
 - ecological niche
- relationships between ecosystems and agricultural production
- application of ecosystem processes to a production system
- production planning methods.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated on an existing farm or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - research tools and references
- specifications:
 - workplace policies, procedures, processes
 - farming systems and production specifications
 - specific legislation and industry codes of practice.

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>