



Australian Government

Assessment Requirements for AHCORG514 Develop an organic or biodynamic management plan

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 developed biodynamic or organic management plans for at least two different properties and for each property, has:

- identified and developed required components of organic management plan (OMP) or biodynamic management plan (BMP) for each property
- established benchmark position from past practices for weeds, pests, diseases and animal health status and their interrelationships
- conducted a soil fertility assessment, which must include:
 - soil physical and chemical test results
 - interrelationships between soil, plant, animal health and environment
 - current soil condition and past management practices
- developed a soil fertility plan and soil management sub-plan based on assessment of soil tests and observations, which must include:
 - amendments to soil chemistry
 - soil structure
 - soil biology
- developed a weed management sub-plan
- developed and designed an integrated pest and disease management sub-plan
- developed an animal health and management sub-plan
- developed an environmental management sub-plan
- compiled sub-plans, tracked plan components and documented the OMP or BMP according to organic certification standards

There must also be evidence that the individual has:

- undertaken a review of an existing OMP or BMP for a property.
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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:

- principles of organic agriculture,
- fundamental role of soil health, including:
 - soil type
 - slope and aspect
 - previous use
 - soil structure
 - compaction
 - drainage and water logging
 - soil biology and soil food web, and the role of bacteria, fungi and protozoa
 - organic soil nutrition and fertiliser management
 - role of green manures and organic matter
- principles of sustainable production
- use of biological systems for improving soil health resilience
- potential impact of climate change on crop production
- requirements and components of an OMP and BMP
- organic and biodynamic certification standards
- integrated organic pest and disease management, including:
 - cultural practices
 - certified organic pest and disease products
 - system design
 - soil health impact on pests and diseases
 - role of BRIX in pest and disease management
- biological control:
 - cultural practices
 - system design
 - soil health and pests and diseases
- management and farming system's resilience
- animal grazing management, including:
 - feed requirements
 - stocking densities
 - regional catchment land and soil condition targets.

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:
 - industry publications relevant to OMP or BMP
 - OMP or BMP certification standards
 - maps of property
 - soil fertility assessment
- specifications:
 - industry standards for organic and biodynamic production and agroecological principles
- relationships:
 - work colleagues.

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>