



Australian Government

AHCORG510 Design and document an organic farm landscape

Release: 1

AHCORG510 Design and document an organic farm landscape

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Application

This unit of competency describes the skills and knowledge required to audit and assess property features, and design and document a landscape for an organic farm in compliance with legislation and codes of practice.

The unit applies to individuals who apply specialised skills and knowledge, and take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information and analyse, design and communicate solutions to complex problems.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Organic Production (ORG)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Source legislative requirements that impact on management of an organic farm	1.1 Identify and access legislation and codes of practice relevant to the design and planning of organic farms 1.2 Investigate and identify organic farming work practices and procedures 1.3 Identify and interpret key clauses and requirements that apply to organic production

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Audit the natural resources and infrastructure of property	2.1 Identify and record property physical and biological characteristics 2.2 Develop a farm soil map 2.3 Determine land capability 2.4 Conduct a risk analysis of farm and adjoining properties for potential compliance issues with organic standards, legislative and environmental requirements
3. Develop a landscape plan for organic farm	3.1 Identify key design parameters to meet financial, social and sustainability goals 3.2 Develop and document key farm procedures 3.3 Investigate short-term and long-term goals for farm system 3.4 Investigate design options to address goals 3.5 Identify and use design tools to develop plan 3.6 Develop a concept plan
4. Document organic landscape plan	4.1 Review concept against financial, social and sustainability goals 4.2 Document final landscape plan according to workplace procedures and industry standards

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Organise, evaluate and critique ideas and information on organic farming and certification to develop ideas for farm landscape design
Writing	Demonstrate sophisticated writing skills by selecting appropriate conventions and stylistic devices to express precise meaning for farm design parameters, specifications and procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCORG510 Design and document an organic farm landscape	AHCORG503 Design and document an organic farm landscape	Minor changes to Application and Elements and Performance Criteria for brevity and clarity Changes to Performance Evidence, Knowledge Evidence and Assessment Conditions Foundation Skills added	Equivalent

Links

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

Assessment Requirements for AHCORG510 Design and document an organic farm landscape

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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, designed and documented a landscape plan for an organic farm and has:

- sourced and interpreted legislative requirements, industry standards and codes of practice
- identified compliant work practices and procedures
- conducted an audit of natural resources and infrastructure of property
- identified physical and biological characteristics and landscape features of property
- developed farm soil map and determined land capability
- developed a draft concept landscape plan using design tools
- revised concept plan and documented final organic landscape 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:

- legislative and regulatory requirements and codes of practice relevant to organic farming practice
- physical and biological characteristics of landscape, including:
 - habitat and plant communities on farm
 - soil types and their relationship with land shape
 - different zoning categories, including cultural and historical
 - landscape hydrology
- organic certification requirements
- landscapes for agroecosystems
- principles of design and design strategies and tools
- native habitat requirements
- requirements of the organic standard and agroecological principles.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated for a farming property or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - design tools and equipment
- specifications:
 - workplace policies, procedures, processes
 - workplace organic farming goals and specifications
 - specific legislation/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

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