



Australian Government

AHCPCM308 Identify and select plants

Release: 1

AHCPCM308 Identify and select plants

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 identify and select plants to suit plant use and work site, including identifying commonly used plants, describing plants and explaining plant cultural requirements.

The unit applies to individuals who identify and select plants under broad direction, and take responsibility for their own work.

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

Pre-requisite Unit

Nil

Unit Sector

Plant Culture and Management (PCM)

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. Identify commonly used plants	1.1 Observe morphological, tactile and sensory characteristics of plant specimens 1.2 Identify a variety of commonly used plant types in terms of function in the landscape 1.3 Identify commonly used plants to a common name, genus, species and cultivar level
2. Identify plants based	2.1 Identify basic types, functions and structure of roots, stems, trunks

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
on growth and development	and vascular systems 2.2 Identify basic types, functions and structure of leaves, buds and meristems 2.3 Identify basic types, functions and structure of flowers, fruit and seeds
3. Determine plant cultural requirements	3.1 Refer to origins and cultural requirements of different plant types 3.2 Explain growing conditions and their impact on plants and their performance
4. Identify and select plants to suit the plant use and work site	4.1 Identify function of plant use within the landscape 4.2 Identify site conditions related to plant use 4.3 Identify and select plants based on their cultural requirements and growth habit

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	Identify and interpret plant identification reference material
Oral communication	Participate in verbal exchanges, using clear language and standard industry terminology to describe plant growth and development requirements, and explain plant cultural requirements and growing conditions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHPCPM308 Identify and select	Not applicable	The unit has been created to address a skill or task	Newly created

plants		required by industry that is not covered by an existing unit	
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Links

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72> -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>