

Title	Describe the physical characteristics, and range of, woody stemmed plants and their use		
Level	3	Credits	10

Purpose	People credited with this unit standard are able to: describe the physical characteristics of plants; and a range of trees, shrubs, and climbers used in amenity horticulture.
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Classification	Horticulture > Amenity Horticulture
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015; and any subsequent amendments.
- 2 Definitions

Plants refer to trees, shrubs, and climbers, including New Zealand native plants, commonly used in amenity horticulture. Plants should be those that can be easily identified, often without the use of botanical references.

Workplace procedures refer to procedures set down by the employer or host organisation for identifying plants.
- 3 All evidence presented in this unit standard must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Describe the physical characteristics of woody stemmed plants.

Performance criteria

- 1.1 Describe basic plant parts.

Range flower, stem, node, internode, leaf blade, leaf petiole, roots and epidermis.

1.2 Describe identifying features of plants, and their importance in plant identification.

Range identifying features may include but are not limited to – leaf type (simple or compound), tendrils, leaf arrangement, leaf shape, leaf colour, and growth habit; for angiosperms, include the flower structure and colour, inflorescence, and flowering period. For gymnosperms and ferns, include the reproductive structures.

Outcome 2

Describe a range of trees, shrubs, and climbers used in amenity horticulture.

Range photographic evidence for a total of thirty different types with at least five each of evergreen and deciduous trees and shrubs, and five climbers is required.

Performance criteria

2.1 Plant specimens must show sufficient features to confirm their identity.

Range includes but is not limited to – growth habit and shape, bark, buds, foliage colour, shape and arrangement, flowers or flower parts or other reproductive features;
features include but are not limited to – seeds, spores, pollen, cones or other fruits.

2.2 Label plant specimens.

Range label may include but is not limited to – genus, species, cultivar or variety (if applicable); common name, family name; identifying features; plant type; plant use; cultural requirements; date and site photographed.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 June 2008	31 December 2021
Review	2	18 May 2017	31 December 2024
Review	3	28 April 2022	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.