

Title	Demonstrate understanding of pruning and training, and prune and train trees and shrubs		
Level	3	Credits	5

Purpose	<p>This unit standard is for people working in an amenity horticulture context.</p> <p>People credited with this unit standard are able to demonstrate understanding of pruning, characteristics of trees and shrubs, and tree and shrub responses to pruning and training; prune common trees and shrubs; and train young amenity trees and shrubs.</p>
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Classification	Horticulture > Amenity Horticulture
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Available grade	Achieved
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Explanatory notes

- 1 Evidence requirements must be consistent with all relevant legislation and subsequent amendments; this includes but is not limited to:
 - Workplace procedures
 - Health and Safety at Work Act 2015.

- 2 Definition

Workplace procedures refer to policies and procedures on safety and operation set down by the employer or host organisation for pruning and training trees and shrubs.

In the context of this unit standard, *understanding* means that there should be evidence of a learner’s thorough comprehension of a topic. A learner with a good understanding of a topic should have applied, or should be able to apply what they have learnt to a workplace situation and will be able to alter their practices to the different contexts they are applying their learning to. Assessors should be confident that the learner’s understanding is embedded in their practices and behaviour.

Outcomes and evidence requirements

Outcome 1

Demonstrate understanding of pruning, growth characteristics of trees and shrubs, and tree and shrub responses to pruning and training.

Evidence requirements

- 1.1 Describe how the general principles of pruning can be applied to achieve the desired plant response.
- 1.2 Describe the natural form, and growth and flowering characteristics of tree and shrub types.
- Range evergreen and deciduous trees and shrubs, conifer, climbers, rose.
- 1.3 Describe specific tree and shrub responses to pruning and training.
- Range fruiting and flowering, desired vegetative growth, correct plant defects or damage.

Outcome 2

Prune common trees and shrubs in accordance with workplace procedures.

Evidence requirements

- 2.1 Select and use tools and equipment appropriate for the task.
- 2.2 Prune evergreen trees and shrubs to promote bushiness or density, or increase flowering and foliage growth.
- Range at least 10 trees and 10 shrubs.
- 2.3 Prune deciduous trees and shrubs to promote optimum growth and flowering, where desirable.
- Range at least 10 deciduous trees and 10 shrubs.
- 2.4 Prune to develop and maintain a hedge.
- 2.5 Prune conifers to achieve desired shape.
- Range at least five plants for each of two different types of conifers.
- 2.6 Prune bush, standard, and climbing roses to promote flowering and good health.
- Range at least five each of bush, standard, and climbing roses.

2.7 Prune evergreen and deciduous climbers consistent with purpose.

Range purpose may include but is not limited to – pruning to promote flowering and/or foliage growth, thinning to reduce shade (under pergola), training ground cover;
at least four each of evergreen and deciduous climbers.

2.8 Clean, maintain, and store tools after use.

Outcome 3

Train young amenity trees and shrubs in accordance with workplace procedures.

Evidence requirements

3.1 Select and use tools and equipment appropriate for the task.

3.2 Train trees and shrubs into specified form without damage.

Range must include - multistem, single leader; plus at least one of – espalier, hedging, pleaching.

3.3 Install stakes or support systems as required.

3.4 Clean, maintain, and store tools after use.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 May 2017	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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.