

Title	Demonstrate understanding of trees and shrubs used for turf areas		
Level	2	Credits	5

Purpose	<p>This unit standard is for people working in a sports turf context.</p> <p>People credited with this unit standard are able to demonstrate understanding of: the characteristics and functions of desirable trees and shrubs for turf areas; describe the processes involved in planting and maintaining trees and shrubs for turf areas; and the pruning requirements of trees and shrubs for turf use.</p>
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Classification	Sports Turf > Sports Turf Management
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Available grade	Achieved
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Guidance Information

Definition

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 performance criteria

Outcome 1

Demonstrate understanding of the characteristics and functions of desirable trees and shrubs for turf areas.

Performance criteria

1.1 Describe trees and shrubs for turf areas in terms of their desirable characteristics.

Range at least five of – rooting habit, foliage type, fruiting problems, crown shape, density of foliage and shade potential, susceptibility to diseases and pests, susceptibility to storm damage, height and life span, windbreak, toxicity problems, maintenance requirements.

- 1.2 Describe trees and shrubs for turf areas in terms of their functions.
Range architectural, aesthetic, engineering, economic.
- 1.3 Describe trees and shrubs for turf areas in terms of their effects on turf growth.
- 1.4 Identify common species of deciduous and evergreen trees which meet the requirements for specified turf areas.
Range evidence is required for at least three deciduous and three evergreen trees.

Outcome 2

Demonstrate understanding of the processes involved in planting and maintaining trees and shrubs for turf areas.

Performance criteria

- 2.1 Describe trees and shrubs in terms of the ways in which they are supplied.
Range at least two of – bare rooted, balled, containers, cuttings.
- 2.2 Describe the site selection, site preparation, and planting of trees and shrubs in terms of the factors to be considered.
Range at least five of – impact on sport play, impact on turf health, exposure, pH, water, soil type, site aspect, soil fertility, utility services.
- 2.3 Describe tree or shrub planting or staking in terms of method.
- 2.4 Describe trees and shrubs in terms of their annual maintenance requirements.
Range at least five of – fertilising, watering, mulching, weeding, pruning, trimming, pest and disease control, windblown trees.

Outcome 3

Demonstrate understanding of the pruning requirements of trees or shrubs for turf use.

Performance criteria

- 3.1 Describe trees and shrubs in terms of the reasons for pruning or trimming.
Range at least five of – root loss, transplanting, shape, size, plant health, flowering, apical dominance, reversion, mechanical damage, lopsided branching, double leaders, health and safety.
- 3.2 Describe flowering trees and shrubs in terms of the general rules for pruning in relation to flowering habit and season.

- 3.3 Describe tree work in terms of the regulations and safety precautions required.
- 3.4 Describe tree climbing in terms of the safe methods and equipment needed.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	4 August 1995	31 December 2019
Revision	2	4 August 1995	31 December 2019
Revision	3	16 September 1996	31 December 2019
Revision	4	10 December 1997	31 December 2019
Revision	5	8 June 1999	31 December 2019
Review	6	15 December 2000	31 December 2019
Revision	7	12 January 2006	31 December 2019
Review	8	17 October 2008	31 December 2019
Review	9	25 January 2018	31 December 2023
Review	10	24 June 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference

0052

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.