

<b>Title</b>	<b>Plant trees in arboriculture situations</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare hole for planting trees and fill; plant trees manually in their final site; and demonstrate knowledge of tree protection systems.
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<b>Classification</b>	Horticulture > Arboriculture
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
  - Hazardous Substances and New Organisms Act 1996;
  - Health and Safety at Work Act 2015;
  - Resource Management Act 1991; and any subsequent amendments.
  
- 2 Definitions
 

*Tree protection system* – a method used to provide a tree and its root system, especially if newly planted, with extra protection. Protection may be temporary or permanent and can include securing a newly planted tree with guys or stakes. Common examples of tree protection include – the various types of tree shelters, grills, cages, or raised pavers.

*Workplace procedures* – the policies and procedures on safety and operation set down by the employer or organisation.
  
- 3 For the purposes of assessment:
  - evidence must be presented in accordance with workplace procedures.
  - evidence is required for a minimum of three trees planted and secured.

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### Outcomes and performance criteria

#### Outcome 1

Prepare hole for planting trees and fill.

Range hole prepared manually or mechanically.

#### Performance criteria

1.1 Check site for underground services.

Range not at risk from planting or root growth.

1.2 Prepare hole suitable for the plant's root system.

Range shape and size.

1.3 Work soil to friable condition without glazing sides of the hole.

Range soil on edges of hole, soil for fill.

1.4 Apply soil amendments, as required.

## Outcome 2

Plant trees manually in their final site.

### Performance criteria

2.1 Place roots to allow for natural growth pattern.

2.2 Ensure root to soil contact with friable soil, so roots do not dry out.

2.3 Check root and soil moisture to ensure sufficient moisture is available within the root zone to meet plant requirements.

2.4 Secure tree to prevent root ball movement and tree falling over.

Range includes but is not limited to – staking, guying;  
evidence is required for at least one.

## Outcome 3

Demonstrate knowledge of tree protection systems.

### Performance criteria

3.1 Identify and explain types of tree protection systems in terms of selection criteria to meet site and client requirements.

Range evidence of at least three is required.

<b>Planned review date</b>	31 December 2025
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 April 2018	31 December 2023
Review	2	25 March 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0032
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact the Primary ITO [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.