

Title	Identify and locate seed trees and collect tree seed		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: identify and locate seed trees for harvest, and identify and collect tree seed from a tree or seed stand.
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Classification	Horticulture > Forest Nursery
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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 Definition

Seed – reproductive unit which can be recovered from plant structures including flowers and fruit that contain seeds which can refer to cones, capsules, berries, and pods.

Workplace procedures – the policies and procedures on safety and operation set down by the employer or organisation.
- 3 All evidence presented in this assessment must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Identify and locate seed trees for harvest

Performance criteria

- 1.1 Locate and verify the seed tree or seed stand location.

Range location sources may include but are not limited to – maps, permanent records, GPS co-ordinates.
evidence of one is required
- 1.2 Identify genus and species of the seed tree for harvest according to foliage, growth form, reproductive structures, and/or flower characteristics.

Outcome 2

Identify and collect tree seed from a tree or seed stand.

Performance criteria

- 2.1 Establish the presence of seed in reproductive structures prior to collection.
- 2.2 Identify and monitor age indicators to optimise seed ripeness and seed maturity.
- Range indicators may include but are not limited to – reproductive structure colour, endosperm, embryo; evidence of two species is required.
- 2.3 Collect seed in its optimum state of ripeness.
- 2.4 Label individual bags of collected material with species and origin information.
- 2.5 Pack collected tree seed material to maintain seed viability and integrity.

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Status information and last date for assessment for superseded versions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	25 September 1997	31 December 2022
Revision	2	19 July 2001	31 December 2024
Revision	3	24 February 2006	31 December 2024
Review	4	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 Workplace Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.