

Title	Select, collect and treat seed, and produce seedlings for nursery crops		
Level	3	Credits	10

Purpose	People credited with this unit standard are able to: select and collect seeds for nursery crops and treat to enhance germination; and produce seedlings for nursery crops.
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Classification	Horticulture > Nursery Production
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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

Nursery crop refers to a crop of no less than 50 plants.

Workplace procedures refer to policies and procedures on safety, operation, and production set down by the employer or host organisation for selecting, collecting, treating, and propagating seed.
- 3 All evidence presented in this unit standard must be in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Select and collect seeds for nursery crops and treat to enhance germination.

Performance criteria

- 1.1 Select and collect seeds.

Range evidence of three seed species, and two different dormancy breaking treatments is required.
- 1.2 Apply treatments to selected seeds to break dormancy.
- 1.3 Treat seeds of susceptible species to reduce the risk of damping off.

Outcome 2

Produce seedlings for each nursery crop.

Range evidence of three different plant species is required.
evidence of fifty seedlings for each crop is required.

Performance criteria

- 2.1 Select or prepare the propagating media and select the container type.
- 2.2 Use seed sowing techniques appropriate for the species.
- 2.3 Select, monitor, and adjust the germination environment to maintain optimum conditions for seed germination.
- 2.4 Monitor germination, emergence, and seedling development and take corrective action.
- 2.5 Identify and label propagated plant material.
- 2.6 Maintain records of seed germination and seedlings development.

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Status information and last date for assessment for superseded versions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	23 February 2004	31 December 2014
Revision	2	24 February 2006	31 December 2014
Review	3	19 April 2012	31 December 2021
Review	4	19 January 2017	31 December 2024
Review	5	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.