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| Title | Grow nursery crops in containers | | |
| Level | 3 | Credits | 10 |

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| Purpose | People credited with this unit standard are able to: prepare for potting or pricking out plants; prick out, pot up or pot on nursery crops; and grow-on container 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;
 - Plant Variety Rights Act 1987;
 - Resource Management Act 1991;
 - and any subsequent amendments.
- 2 Definitions

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

Workplace procedures refer to oral or written instructions to staff on procedures for the worksite and equipment.
- 3 Work may involve exposure to chemical, dangerous, or hazardous substances. Safety procedures are observed in accordance with NZS 8409:2021 *Management of Agrichemicals*, available from Standards New Zealand <http://standards.co.nz>.
- 4 Learners should recognise the rights of plant breeders and licensed growers under the Plant Variety Rights Amendment Act 1987 and its subsequent amendments; trademarks, copyright, patents or any other protection method, and understand the responsibilities of propagators to observe those rights.

Outcomes and performance criteria

Outcome 1

Prepare for potting or pricking out plants.

Performance criteria

- 1.1 Describe the reasons for growing plants in containers in terms of plant propagation.

- 1.2 Identify a range of plant containers and describe their uses in terms of plant propagation.
- Range containers may include but are not limited to – rigid plastic pots, planter bags, root trainers, seedling punnets, seedling trays, biodegradable pots; evidence of three containers is required.
- 1.3 Identify a range of growing media and describe their ingredients and uses for plant propagation.
- Range evidence of two media is required.
- 1.4 Describe hand and machine potting up methods in terms of their processes and differences.

Outcome 2

Prick out, pot up or pot on nursery crops.

Performance criteria

- 2.1 Select plants for growing-on in containers and prepare for pricking out or potting.
- 2.2 Select plants growing media and containers suitable for the plan species.
- 2.3 Pot up or on selected plants.
- Range plants in centre of container or correct spacing, correct depth, upright, plants and containers handled correctly; potting method may include – hand or machine.
- 2.4 Water plants regularly to achieve a suitable moisture level for the plan species.
- 2.5 Set out plants in growing-on environment.
- Range may include but is not limited to – preparation of setting out surface, plant spacing, hardening off as needed, plant and container handling; evidence of three growing-on environments is required.

Outcome 3

Grow-on container nursery crops.

- Range plants from three distinctly different species from containerising to time of sale, or for one growing cycle.

Performance criteria

3.1 Carry out regular plant maintenance in accordance with the needs of the plants and environmental conditions.

Range maintenance may include but is not limited to – irrigation, suitable environment, plant health, weed control, pruning, trimming, staking, fertiliser application, plant spacing, use of plant growth regulators.

3.2 Monitor plants for progress and report or correct problems.

Range monitoring may include but is not limited to – plant development, media moisture levels, plant health, toppled plants, plant spacing, trueness to type, physical damage, general plant condition.

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| Replacement information | This unit standard replaced unit standard 820. |
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| Planned review date | 31 December 2027 |
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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 2024 |
| Review | 4 | 2 March 2023 | N/A |

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| 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.