

<b>Title</b>	<b>Grow nursery crops in containers</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	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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<b>Classification</b>	Horticulture > Nursery Production
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<b>Available grade</b>	Achieved
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### Explanatory notes

- 1 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.
- 2 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992, the Resource Management Act 1991, the Plant Variety Rights Act 1987; and their subsequent amendments.
- 3 Work may involve exposure to chemical, dangerous, or hazardous substances. Safety procedures are observed in accordance with NZS 8409:2004 *Management of Agrichemicals*, available from Standards New Zealand <http://standards.co.nz>, or the NZ Agrichemical Education Trust <http://growsafe.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.

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### Outcomes and evidence requirements

#### Outcome 1

Prepare for potting or pricking out plants.

#### Evidence requirements

- 1.1 The reasons for growing plants in containers are explained.

- 1.2 A range of plant containers are identified and their uses explained.
- Range may include rigid plastic pots, planter bags, root trainers, seedling punnets, seedling trays, biodegradable pots.
- 1.3 A range of growing media are identified and their ingredients and uses are explained.
- Range at least two media with different purposes, such as short and long-term use, or shrub and seedling growing.
- 1.4 Hand and machine potting up methods are explained in term of their processes and differences.

## Outcome 2

Prick out, pot up or pot on nursery crops.

### Evidence requirements

- 2.1 Plants for growing-on in containers are selected and prepared for pricking out or potting, in accordance with workplace procedures.
- 2.2 Growing media and containers suitable for the plant species and use of the plants are selected, in accordance with workplace procedures.
- 2.3 Plants are potted up or on in accordance with workplace procedures.
- 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 Plants are watered in accordance with workplace procedures.
- 2.5 Plants are set out in growing-on environment.
- Range may include preparation of setting out surface, plant spacing, hardening off as needed, plant and container handling.

## Outcome 3

Grow-on container nursery crops.

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

**Evidence requirements**

3.1 Regular plant maintenance is carried out as required, and in accordance with the needs of the plants, environmental conditions, and workplace procedures.

Range may include irrigation, suitable environment, plant health, weed control, pruning, trimming, staking, fertiliser application, plant spacing, use of plant growth regulators.

3.2 Plants are monitored for progress and problems, and reported or corrected, in accordance with workplace procedures.

Range may include plant development, media moisture levels, plant health, toppled plants, plant spacing, trueness to type, physical damage, general plant condition.

<b>Replacement information</b>	This unit standard replaced unit standard 820.
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<b>Planned review date</b>	31 December 2017
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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	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>.

**Please note**

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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**Comments on this unit standard**

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