

Title	Operate and maintain a specialist item of nursery machinery		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: prepare a specialist item of nursery machinery for use; operate it; and service it.
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Classification	Horticulture > Nursery Production
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Available grade	Achieved
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Guidance Information

- 1 Definition
Workplace procedures refer to oral or written instructions to staff on procedures for the worksite and equipment.
- 2 This unit standard is intended to relate to a specialised item of nursery machinery, such as a mechanical undercutter, nursery plant lifter, potting machine, or a planting machine, which may be self-propelled, tractor mounted or trailed, or permanently installed.
- 3 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, and their subsequent amendments.
- 4 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/>.

Outcomes and performance criteria

Outcome 1

Prepare a specialist item of nursery machinery for use.

Performance criteria

- 1.1 The machinery selected is suitable for the task in accordance with workplace procedures.
- 1.2 The machine is checked and serviced and any adjustment or calibration required is made before use in accordance with workplace procedures and manufacturer's instructions.

1.3 Safety procedures are identified and used during the checking and preparation.

Outcome 2

Operate the specialist nursery machinery.

Performance criteria

- 2.1 Safety procedures for operating the machine are identified and used in accordance with workplace procedures.
- 2.2 The nominated task is completed, with no damage to plants, structures, other equipment, or the environment.
- 2.3 Machine is monitored and adjusted as required during operation to ensure optimum performance.
- 2.4 Machine is cleaned after use and stored in accordance with workplace procedures.

Outcome 3

Service the specialist nursery machinery.

Performance criteria

- 3.1 Safety precautions for servicing the machine are identified and used.
- 3.2 The machine is serviced, in accordance with the manufacturer's service schedule.
- 3.3 All equipment and materials used during the servicing are suitable for the task, and are maintained and stored correctly.
- 3.4 Any faults or worn parts found are reported in accordance with workplace procedures.
- 3.5 Any waste lubricants or fluids are disposed of so no harm is caused to the environment in accordance with workplace procedures.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

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 2023
Review	4	2 March 2023	31 December 2023

Consent and Moderation Requirements (CMR) reference

0032

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.