

Title	Assess forest health in forest nurseries		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: carry out a nursery survey; assess incidence and severity of nursery ill-health; interpret forest nursery health survey results; and report on survey findings.
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Classification	Forestry > Forest Health Surveillance
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Available grade	Achieved
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Guidance Information

Definitions

Diagnostic authority in this unit standard refers to the authority to which samples of tree health disorders are referred according to the type of disorder and/or species of tree.

Worksite procedures – documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, quality assurance procedures, housekeeping standards, procedures to comply with legislative and local body requirements.

Outcomes and performance criteria

Outcome 1

Carry out a nursery survey.

Performance criteria

- 1.1 The location of different types of growing stock in the nursery is identified.
Range species, age, seedlings, cuttings, stool beds.
- 1.2 Seedlings are inspected in accordance with worksite procedures.
- 1.3 Nursery site and surrounding area is inspected for symptoms of tree health disorders in accordance with worksite procedures.
- 1.4 A forest health inspection form is completed if a health problem is detected in a forest nursery, and collection forms are completed for any samples taken in accordance with worksite procedures.

- 1.5 A forest health inspection form is completed for each type of growing stock inspected during the survey, and collection forms are completed for any samples taken in accordance with worksite procedures.

Outcome 2

Assess incidence and severity of nursery ill-health.

Performance criteria

- 2.1 A sampling and/or assessment technique is selected to investigate the extent of an identified disorder in accordance with worksite procedures.
- 2.2 The selected sampling and/or assessment technique is applied in accordance with worksite procedures.

Outcome 3

Interpret forest nursery health survey results.

Performance criteria

- 3.1 Survey information is recorded and collated for interpretation and reporting in accordance with worksite procedures.
- 3.2 Survey observations and assessment results are interpreted by reference to available data and liaison with the diagnostic authority.

Outcome 4

Report on survey findings.

Performance criteria

- 4.1 A survey report is prepared in accordance with worksite procedures.

 Range report includes – the species of the inspected nursery stock; seedlot numbers; nursery seedbeds; damage assessment results; interpretation, conclusions, and recommendations for remedial action.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 February 1997	31 December 2017
Review	2	29 August 2001	31 December 2017
Review	3	17 September 2010	31 December 2017
Review	4	10 December 2015	N/A
Rollover and Revision	5	28 May 2020	N/A
Rollover	6	26 April 2024	N/A

Consent and Moderation Requirements (CMR) reference

0173

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.