

ASSESSMENT GUIDELINES

Unit 10941

Identify, evaluate and secure seed trees.

Level 4, Credit 4, version 3

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Unit standard 10941

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Level of performance required for this unit standard

This is a level 4 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under broad guidance, independently; with complete responsibility for the standards of the outcome achieved.
- To apply technical skills, knowledge, and innovation to complete the task to the specified standard, in a variety of familiar and unfamiliar contexts.
- To analyze and interpret information, and make an informed judgment.

Workplace assessment:

For guidelines on Workplace Assessment, please refer to the NZHITO Workplace Assessors Manual, and for further information, please contact: NZHITO, PO Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website www.hortito.org.nz

Special notes:

1. *Workplace procedures* mean work practice guidelines which meet the requirements of the Health & Safety in Employment Act 1992, Resource Management Act 1991, other regulatory requirements, and their subsequent amendments.
2. Definitions:
Provenance refers to seed origin, denoted as a position within the natural range of a species;
Dioecious refers to the sexes occurring on separate trees
3. Legislation relevant to this unit standard includes, but is not limited to the Health and Safety in Employment Act 1992, and its subsequent amendments.

**Unit 10941: Identify, evaluate and secure seed trees
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Determine genetic identity of proposed seed trees.	Yes/No	<ul style="list-style-type: none"> ▪ Establish the genus and species of the proposed seed trees. ▪ Verify the provenance of the stand in which the trees are located. ▪ Determine the sex of the proposed seed trees and the proximity of male specimens. Range: monoecious, dioecious.
Element 2 Evaluate suitability of proposed seed trees as a seed source.	Yes/No	<ul style="list-style-type: none"> ▪ Evaluate potential seed trees in relation to their suitability as timber producers Range: health status, vigour, freedom from pests, stem straightness, branch size, branch angle, branching patterns, spiral grain, wood density, stem fluting, flowering. ▪ Identify the silvicultural history of the stand in which the trees occur in relation to the trees; suitability as seed producers. Range: establishment success, pruning practices, thinning schedules.
Element 3 Secure position of seed trees.	Yes/No	<ul style="list-style-type: none"> ▪ Ensure seed trees are marked and demarcated within the general stand. ▪ Record the position of seed trees or stands. Range: maps, plans, permanent records.

_____ *(Name of Apprentice)*

is **Competent / Not yet competent** in Unit Standard 10941 (version 3)

Signed (Assessor): _____

WPA Registration Number: _____ Date: _____

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