

ASSESSMENT GUIDELINES

Unit 10953

Demonstrate knowledge of containers for
raising tree stocks

Level 2, Credit 3, version 3

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Unit standard 10953
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Level of performance required for this unit standard

This is a level 2 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, as directed; with some responsibility for the standard of the outcome achieved.
- To complete tasks that are established and familiar, with a moderate range of skill and knowledge.
- To apply basic operational knowledge, use readily available information and known solutions to solve familiar problems.

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:

This unit standard covers the effects of container type on the root and shoot development of tree species. Knowledge gained is also directly applicable to woody plants generally.

Unit 10953: Demonstrate knowledge of containers for raising tree stocks (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Demonstrate knowledge of container types used in forest nurseries.	Yes/No	<ul style="list-style-type: none"> ▪ Ensure description identifies the features of the various container types. Range: paper pots, book type containers, tubes, holding trays, baskets, cavity trays, side slit cavity trays, plug trays. ▪ Identify the features of the various container types in relation to their effect on nursery management. Range: filling, machine sowing, pricking out, edge effects, irrigation.
Element 2 Demonstrate knowledge of cavity characteristics and remedial root trimming requirements.	Yes/No	<ul style="list-style-type: none"> ▪ Describe cavity dimensions in relation to their influence on plant development. Range: cavity volume, surface area, cavity spacing, depth. ▪ Ensure description identifies the cavity characteristics within the various container types and their effect on root system development. Range: ribs, side slits, drainage holes, smooth sides, basal rim, air pruning, air movement, root coiling, lateral root deflection, deplugging. ▪ Recognise root system faults caused by cavity characteristics and their effect on tree vigour and explain remedial root trimming requirements. Range: severing bottom of root plug, root trimming, potting on, planting, toppling, lean, vigour.
_____ <i>(Name of Apprentice)</i> is Competent / Not yet competent in Unit Standard 10953 (version 3) Signed (Assessor): _____ WPA Registration Number: _____ Date: _____		

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Please send this page to your NZHITO Regional Manager, who will forward it to National Office to register the credits on your NZQA Record of Learning.

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