

ASSESSMENT GUIDELINES

Unit 3004

Use soil-less growing media in horticulture

Level 4, Credit 4, version 4

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Unit standard 3004

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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 analyse 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

Unit 3004: Use soil- less growing media in horticulture (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
<p>Element 1 Identify soil- less growing media used in horticulture.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Ensure soil- less growing media used in New Zealand are listed by type and describe the common uses of each type. ▪ Ensure description of each media type listed defines characteristics and constituents against common criteria. Range: biological, chemical, physical. ▪ Identify and define economic factors to be considered in the selection of a soil- less growing medium for each type of medium listed. Range: set- up costs, availability, life, management costs.
<p>Element 2 Grow crops and specimens in soil- less media.</p>	<p>Yes/No</p>	<ul style="list-style-type: none"> ▪ Ensure preparation of media meets requirements of defined crop or specimen. ▪ Select plant nutrients to meet crop or specimen requirements and apply using methods which maximize their effectiveness in the growing media used. ▪ Adopt hygiene procedures that prevent contamination of the growing medium. ▪ Ensure monitoring of crop or specimen health provides early recognition of a growing medium based problem and implementation of pre- defined procedures for dealing with that problem. ▪ Adopt methods for disposal of unwanted growing media that ensure hygiene and environmental requirements specified by local authority are met.

_____ (Name of Apprentice)

is **Competent** / **Not yet competent** in Unit Standard 3004 (version 4)

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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