

ASSESSMENT GUIDELINES

Unit 20563

Demonstrate knowledge of nursery production systems

Level 3, Credit 5, version 2

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Unit standard 20563
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Level of performance required for this unit standard

This is a level 3 unit standard. At this level trainees are expected to demonstrate the following abilities when completing assessment tasks:

- To work under general supervision, with some independence; with significant responsibility for the standard of the outcome achieved.
- To apply technical skills and knowledge to complete the task to the specified standard, in a familiar context.
- To interpret available information, and use discretion and judgement.

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 replaces unit standard 1798.

A specified nursery property should be used as the basis for this unit standard.

**Unit 20563: Demonstrate knowledge of nursery production systems
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Describe nursery production methods	Yes/No	<ul style="list-style-type: none"> • Identify significant factors affecting nursery location. May include: site topography and aspect, land use zoning, soil, drainage, climate, water supply, market location, transport, labour supply. • Describe production methods in terms of buyer or user requirements, and the types of plants grown. Can include field grown, container grown, plant houses, outdoors. • Describe the setting of quality standards and their implementation.
Element 2 Describe the preparation of a production plan	Yes/No	<ul style="list-style-type: none"> • List the source and information needed to prepare a production plan. May include: plant species or cultivars, plant numbers to achieve saleable plants target, the space required and when needed, labour requirements and when needed, materials and equipment required. • Outline preparation of production plan. • Description given of the monitoring process of plant progress against production schedule.
Element 3 Describe the marketing and distribution methods	Yes/No	<ul style="list-style-type: none"> • Describe the methods used to market plants to users or buyers. May include: wholesale selling, contract growing, direct to public sales. • Describe promotional material and whether or not to use it to aid plant sales is justified. May include: labeling, container branding, sleeves, posters, website, advertisements in publications. • Describe distribution method of plants from nursery to users or buyers. May include road transport contractor, nursery owned vehicle, courier service, gate sales.
Element 4 Describe the nursery ownership and management structure	Yes/No	<ul style="list-style-type: none"> • Describe nursery ownership structure and give two advantages and two disadvantages of each. May include public company, private company, sole trader, and partnership. • Outline a nursery management structure. • Describe nursery management practices and include their effects on the sustainable use of resources. Description may include soil use, soil-less growing media ingredients, fuel, electricity, water, disposal of both plant and non-plant waste material.

(Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 20563 (version 2)

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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(Name of Apprentice)

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