

ASSESSMENT GUIDELINES

Unit 20571

Care for nursery crops

Level 2, Credit 10, version 2

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Unit standard 20571

Level 2 Credit 10, version 2

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:

Workplace procedures refers to verbal or written instructions to staff on procedures for the worksite and equipment.

Legislation relevant to this unit standard includes, but is not limited to, the Health and Safety in Employment Act 1992, the Resource Management Act 1991, and their subsequent amendments.

Work may involve exposure to chemical, dangerous, or hazardous substances. Safety procedures are observed in accordance with NZS 8409:2004 *Management of Agrichemicals*, available from Standards New Zealand <http://standards.co.nz>, or the NZ Agrichemical Education Trust <http://growsafe.co.nz>.

Unit 20571: Care for nursery crops (Apprentice copy)

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Identify the growing environment needs of nursery plants.	Yes/No	<ul style="list-style-type: none"> • Outline the environmental requirements for nursery plants. These may include details on light levels, temperature, moisture, humidity, growing media, and protected growing environments. • Identify the methods used to meet the environmental requirements. The methods identified need to cover plants grown indoors, outdoors, container grown and in the field.
Element 2 Monitor nursery plants and their environment.	Yes/No	For one specific nursery crop over a minimum of four weeks: <ul style="list-style-type: none"> • Identify the growing environment required to ensure growth expectations are met. • Monitor plants regularly for growth development and plant health. Report the results in accordance with workplace practices. • Monitor the growing environmental conditions. Report results and note any variations to the optimum in accordance with workplace practices. Environmental conditions may include maximum and minimum temperatures, humidity, shading, light, ventilation, and irrigation. • Give an explanation given of the importance of regular monitoring.
Element 3 Maintain plants.	Yes/No	For one specific nursery crop over a minimum of four weeks, container grown or field grown: <ul style="list-style-type: none"> • Water plants by hand and/or irrigation system to maintain optimum water amount in the growing medium to suit the crop. • Adjust container grown plant spacing in response to plant development. • Pick over container grown plants to remove unwanted material from plants and the media surface. Unwanted material can include - dead or damaged plant parts, spent flowers, fallen leaves, diseased plant parts, or weeds. • Examine field-grown plants regularly and remove unwanted material. Material may include dead and damaged plant parts, diseased plant parts, or weeds. • Identify the development stages when plants need attention. The attention may include: moving container plants into larger containers or lining out, applying additional fertiliser, trimming, pruning, training, hardening off, moving to shelter or shade, controlling weeds. • Handle plants carefully to minimise damage. • Keep plant maintenance records. These may include: irrigation dates and times, plant maintenance, such as spacing, potting on, fertiliser application, and pruning.

_____ (Name of Apprentice)

is **Competent** / **Not yet competent** in Unit Standard 20571 (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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