

ASSESSMENT GUIDELINES

Unit 22183

Plant out horticulture crops by hand

Level 2, Credit 5, version 1

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Unit standard 22183

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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, P O Box 8638, Christchurch. Ph 03 9644 735, fax 03 9644 737, website www.hortito.org.nz

Special notes:

- 1 *Workplace procedures* refer to verbal or written instructions to staff on procedures for the worksite and equipment.
- 2 Legislation relevant to this unit standard includes but is not limited to the Health and Safety in Employment Act 1992.

**Unit 22183: Plant out horticulture crops by hand
(Apprentice copy)**

ELEMENT	Competent	Range of evidence an assessor should consider
Element 1 Select plants for planting out.	Yes/No	<ul style="list-style-type: none"> ▪ Select plants against pre-specified criteria in accordance with workplace procedures. Range: size, shape and form, maturity, condition. ▪ Dispose of plants that are not selected in accordance with workplace procedures.
Element 2 Prepare growing media	Yes/No	<ul style="list-style-type: none"> ▪ Ensure growing media is prepared to meet the requirements of the plant material. Range: bed preparation, nutrient application, weed control, moisture content. ▪ Maintain growing media at the required condition for plant out in accordance with workplace procedures.
Element 3 Plant by hand. Range: 50 transplants consisting of plants, bulbs, corms, tubers; minimum of five of each.	Yes/No	<ul style="list-style-type: none"> ▪ Describe factors, which influence layout requirements. Range: plant size, light, air circulation, cultivation, maintenance and harvest access requirements ▪ Establish and maintain planting layout, in accordance with workplace procedures. ▪ Meet pre-defined requirements for planting out, and encourage maximum strike rates and plant development. Range: depth, orientation, placement and firming of media, media surface finish. ▪ Use techniques that are suitable for the planting situation. Range: direct to soil media, through weedmat barriers using moisture control materials.
Element 4 Maintain post planting care of plants.	Yes/No	<ul style="list-style-type: none"> ▪ Adopt techniques for caring for crops and specimens planted out to optimize plant development. Range: watering, nutrient application, cultivation, shelter provision, plant health, pest and disease protection. ▪ Keep records of plant growth and maintenance for three consecutive months, in accordance with workplace procedures.

_____ (Name of Apprentice)

is **Competent / Not yet competent** in Unit Standard 22183. (version 1)

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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