

Title	Plant out horticulture crops by hand		
Level	2	Credits	5

Purpose	This unit standard is for people working, or intending to work in horticulture. People credited with this unit standard are able to: select plants for planting out; prepare growing media; plant by hand; and maintain post planting care of plants.
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Classification	Horticulture > Production Horticulture
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Available grade	Achieved
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Explanatory 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.

Outcomes and evidence requirements

Outcome 1

Select plants for planting out.

Evidence requirements

- 1.1 Plants are selected against pre-specified criteria in accordance with workplace procedures.
Range size, shape and form, maturity, condition.
- 1.2 Plants not selected are disposed of in accordance with workplace procedures.

Outcome 2

Prepare growing media.

Evidence requirements

- 2.1 Growing media is prepared to meet the requirements of plant material.
Range bed preparation, nutrient application, weed control, moisture content.

- 2.2 Growing media is maintained to required condition for planting out in accordance with workplace procedures.

Outcome 3

Plant by hand.

- Range 50 transplants consisting of plants, bulbs, corms, and tubers; minimum of five of each.

Evidence requirements

- 3.1 Factors that influence layout requirements are described.

Range plant size, light, air circulation, cultivation, maintenance, and harvest access requirements.

- 3.2 Planting layout is established and maintained in accordance with workplace procedures.

- 3.3 Planting out procedures meet pre-defined requirements, and encourage maximum strike rates and plant development.

Range depth, orientation, placement and firming of media, media surface finish.

- 3.4 Techniques used are suitable for the planting situation.

Range direct to soil media, through weedmat barriers using moisture control materials.

Outcome 4

Maintain post planting care of plants.

Evidence requirements

- 4.1 Techniques adopted in caring for crops and specimens planted out optimise plant development.

Range watering, nutrient application, cultivation, shelter provision, plant health, pest and disease protection.

- 4.2 Records are kept of plant growth and maintenance for three consecutive months, in accordance with workplace procedures.

Range weeding, watering, plant replacement, plant maintenance.

Replacement information	<p>This unit standard replaced unit standard 785 and unit standard 2802.</p> <p>This unit standard was replaced by unit standard 29502.</p>
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 July 2006	31 December 2020
Registration	1	21 August 2006	31 December 2020
Review	2	18 August 2016	31 December 2020

Consent and Moderation Requirements (CMR) reference	0032
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.