

Title	Manage plant, machinery and/or equipment in a horticulture operation		
Level	5	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of factors to consider when making capital expenditure decisions; identify seasonal operational requirements of plant, machinery and/or equipment, and plan for their availability; develop and manage a routine maintenance schedule or cleaning procedure for plant, machinery and/or equipment; and plan and manage the implementation of training requirements for the use of plant, machinery and/or equipment.
----------------	---

Classification	Horticulture > Production Horticulture
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Legislation relevant to this unit standard includes but are not limited to:
 - Health and Safety at Work Act 2015;
 - Hazardous Substances and New Organisms Act (HSNO) 1996;
 - Resource Management Act 1991; and any subsequent amendments.
- 2 All evidence presented in this unit standard must be in accordance with workplace procedures.
- 3 Definition
Workplace procedures refer to verbal or written instructions to staff on procedures for implementing and monitoring crop plant management techniques. Workplace procedures must comply with health and safety legislation and be consistent with the workplace health and safety plan.
- 4 A horticulture operation refers to horticulture production or postharvest operations.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of factors to consider when making capital expenditure decisions.

Performance criteria

- 1.1 Identify factors which influence decision making for capital expenditure purchases of horticulture plant, machinery and equipment.
- 1.2 Apply a decision-making process for the capital purchase of horticulture plant, machinery or equipment.
- Range purchase may include but is not limited to – plant, machinery, equipment;
evidence of one purchase is required.

Outcome 2

Identify seasonal operational requirements of plant, machinery and/or equipment, and plan for their availability.

Performance criteria

- 2.1 Identify appropriate plant, machinery and/or equipment required to meet seasonal operational requirements.
- 2.2 Plan for their readiness and availability to meet seasonal operational requirements.

Outcome 3

Develop and manage a routine maintenance schedule or cleaning procedure for plant, machinery and/or equipment.

Performance criteria

- 3.1 Develop either a maintenance schedule or cleaning procedure for plant, machinery and/or equipment in accordance with manufacturers' specifications.
- 3.2 Manage the implementation of maintenance schedule or cleaning procedure.

Outcome 4

Plan and manage the implementation of training requirements for the use of plant, machinery and/or equipment.

Performance criteria

- 4.1 Plan a training programme for the safe use of plant, machinery and/or equipment.
- 4.2 Manage the implementation of the training programme.

Planned review date	31 December 2026
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 February 2017	31 December 2023
Revision	2	20 July 2017	31 December 2023
Review	3	16 December 2021	N/A

Consent and Moderation Requirements (CMR) reference	0052
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz you wish to suggest changes to the content of this unit standard.