

Title	Implement and monitor plant management techniques in a production horticulture workplace to optimise production		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to implement and monitor plant management techniques in a production horticulture workplace to optimise production.
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Classification	Horticulture > Production Horticulture
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Available grade	Achieved
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Guidance Information

1 Legislation relevant to this unit standard includes but is not limited to:

- Health and Safety at Work Act 2015;
 - Hazardous Substances and New Organisms Act 1996;
 - Food Act 2014;
- and any subsequent amendments.

2 Definitions

Industry good practice is defined by guidelines produced by recognised horticulture associations, published research in horticulture.

Plant management techniques are practices which influence plant growth for the purposes of commercial production. Candidates working in a fruit production context must include pruning and training as one of their management techniques.

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.

Outcomes and performance criteria

Outcome 1

Implement and monitor plant management techniques in a production horticulture workplace to optimise production.

Range techniques must include – a minimum of one soil and/or nutrient management technique, and a minimum of one water management technique; evidence of five plant management techniques is required.

Performance criteria

- 1.1 Describe industry good practice guidelines for the implementation of plant management techniques.
- 1.2 Coordinate implementation of plant management techniques in accordance with workplace procedures.
- 1.3 Monitor the implementation of plant management techniques in accordance with workplace procedures.
- 1.4 Compare the implementation of plant management techniques in the workplace with industry good practice guidelines.

Replacement information	This unit standard replaced unit standards 19928, 19941, and 21955.
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Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 February 2017	31 December 2024
Review	2	27 January 2022	N/A

Consent and Moderation Requirements (CMR) reference	0052
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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 if you wish to suggest changes to the content of this unit standard.