

Title	Implement and monitor a horticulture crop protection plan		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to implement and monitor a horticulture crop protection plan.
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Classification	Horticulture > Production Horticulture
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Available grade	Achieved
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Guidance Information

- 1 Legislation and standards relevant to this unit standard includes but are not limited to:
 - Health and Safety at Work Act 2015;
 - Hazardous Substances and New Organisms (HSNO) Act 1996;
 - NZS 8409:2021, *Management of agrichemical*, available at <https://www.standards.govt.nz/>; and any subsequent amendments.

- 2 All evidence presented in this unit standard must be in accordance with workplace procedures.

- 3 Definitions

Crop protection plan refers to a workplace plan to protect crops from plant health challenges. The plan must be consistent with regulatory requirements and quality standards of the target market. The crop protection plan must comply with health and safety legislation and be consistent with the workplace health and safety plan. *Horticulture crop* may refer to an indoor crop, outdoor crop, nursery crop, fruit crop, or grape vine crop.

Quality standards are industry accepted standards for the production of horticultural crops. If the workplace is producing food, then food safety standards are included. Examples include Hazard Analysis and Critical Control Points (HACCP), Global Good Agricultural Practice (GLOBALG.A.P.), New Zealand Good Agricultural Practice (NZGAP), Japanese Agricultural Standard (JAS), BioGro, Country of Origin Labelling (COOL), International Organisation for Standardisation (ISO), Sustainable Winegrowing New Zealand (SWNZ).

Regulatory requirements are local, national, or international requirements with legal status. If the workplace is producing food, then the Food Act 2014 is included.

Workplace procedures refer to verbal or written instructions to staff on procedures for the worksite and equipment. 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 a horticulture crop protection plan.

Range evidence of one or more crop cycle is required.

Performance criteria

- 1.1 Interpret a crop protection plan.
- 1.2 Supervise crop monitoring activities in accordance with crop protection plan.
- 1.3 Monitor crop protection activities to ensure consistency with the plan.
- 1.4 Implement procedures to minimise negative environmental effects of crop protection activities in accordance with the plan.
- 1.5 Record crop protection activities in accordance with the plan.
- 1.6 Report on implementation of the crop protection programme.

Replacement information	This unit standard replaced unit standards 27211, 27212 and 27214.
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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.