

Title	Demonstrate knowledge of environmental risk management and minimise negative environmental effects for horticulture		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to: describe industry recommendations for environmental risk management and assess workplace management practices; and implement and monitor horticultural process control measures to minimise negative environmental effects, in a horticulture production system.
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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; and any subsequent amendments.

2 Definitions

Control measures are steps taken in the horticulture workplace to minimise negative environmental effects.

Environmental risk is actual or potential threat of adverse effects arising out of the horticulture workplace's activities on living organisms and the environment by factors such as effluents, emissions, wastes, and resource depletion.

Workplace procedures refer to verbal or written instructions to staff on procedures for implementing and monitoring sustainable horticulture production. 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

Describe industry recommendations for environmental risk management and assess workplace management practices in a horticulture production system.

Performance criteria

- 1.1 Describe industry recommendations for managing environmental risk.
- Range evidence of water, pesticides, other chemicals, and one other risk is required.
- 1.2 Assess environmental risk in terms of workplace management practices.
- Range evidence of two management practices is required.

Outcome 2

Implement and monitor horticultural process control measures to minimise negative environmental effects in a horticulture production system.

Range evidence of two control measures is required.

Performance criteria

- 2.1 Supervise the implementation of control measures in accordance with industry recommendations and regulatory requirements.
- 2.2 Supervise the monitoring of control measures in accordance with industry recommendations and regulatory requirements.
- 2.3 Report on monitoring of control measures in accordance with workplace procedures.

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.