

Title	Investigate an outdoor vegetable crop management technique, develop a plan, and manage its implementation and review		
Level	5	Credits	15

Purpose	People credited with this unit standard are able to: investigate outdoor vegetable crop management techniques that optimise crop production; develop a plan to optimise outdoor vegetable crop production for a selected crop management technique; monitor the implementation of a plan for the outdoor vegetable crop management technique, and manage variations to the plan; and review the plan and make recommendations for improvement.
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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; and any subsequent amendments.
- 2 All evidence presented in this unit standard must be in accordance with workplace procedures.
- 3 The regional and territorial authorities throughout New Zealand may have differing regulatory requirements. Any plan developed in Outcome 2 must comply with regional or territorial regulatory requirements.
- 4 Definitions

Goals are statements which provide direction and purpose to an enterprise. Goals must be specific, measureable, attainable, realistic, and time based.

Objectives may be statements which are specific targets within the goal.

Plan refers to a document detailing steps for an aspect of the production. It must be consistent with the regulatory requirements and quality standards of the target customer and with health and safety legislation.

Standards may refer to requirements laid down in quality assurance documentation, industry standards, or workplace procedures.

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

Investigate outdoor vegetable crop management techniques that optimise crop production.

Performance criteria

- 1.1 Identify crop production goals.
- 1.2 Research a range of potential outdoor vegetable crop management techniques that optimise crop production.
- 1.3 Select a suitable crop management technique to investigate that it is cost effective, achievable and optimises crop production.

Range evidence of one crop management technique is required.

Outcome 2

Develop a plan to optimise outdoor vegetable crop production for a selected crop management technique.

Performance criteria

- 2.1 Identify goals and objectives for the selected outdoor vegetable crop production management technique.
- 2.2 Identify procedures to monitor the crop management technique against the achievement of goals and objectives.
- 2.3 Identify appropriate resources required, and plan for their readiness and availability for the implementation of the crop management technique.
- 2.4 Specify activities and their timing to meet goals and objectives of the crop management technique.
- 2.5 Identify contingencies that may affect implementation activities.

Range contingencies may include but are not limited to – equipment breakdown, weather events, labour availability, crop variability; evidence of three contingencies is required.

Outcome 3

Monitor the implementation of a plan for the outdoor vegetable crop management technique, and manage variations to the plan.

Performance criteria

- 3.1 Monitor implementation process of the outdoor vegetable crop management technique against the plan.
- 3.2 Manage variations to the plan in the event of contingencies.

Outcome 4

Review the plan and make recommendations for improvement.

Performance criteria

- 4.1 Analyse the results against the plan, and achievement of goals and objectives.
- 4.2 Collate a report of the results of implementation and make recommendations for improvement.

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 2023
Review	2	16 December 2021	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.