

Title	Develop a horticulture crop harvest plan, and manage its implementation and review		
Level	5	Credits	10

Purpose	People credited with this unit standard are able to: develop a horticulture crop harvest plan to achieve harvest goals and standards for a crop; manage the implementation of a harvest plan; review the harvest 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 1 must comply with regional or territorial regulatory requirements.
- 4 Definitions

Continuous improvement methods and tools may refer to a flow chart, check sheet, control chart, histogram, fishbone diagram, Pareto chart, root cause, sampling, A4 story board, 5 Whys technique, PDCA (plan-do-check-act) cycle, The Five Ss method, value stream mapping.

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

Harvest 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

Develop a horticulture crop harvest plan to achieve harvest goals and standards for a crop.

Performance criteria

- 1.1 Identify harvest goals and standards for a crop.
- 1.2 Identify procedures to monitor the harvest activities against the achievement of goals and standards.
- 1.3 Identify appropriate harvest equipment and machinery required to meet harvest goals, and plan for their readiness and availability at time of harvest.
- 1.4 Identify seasonal and/or permanent staff required for duration of harvest and their training requirements.
- 1.5 Specify harvest activities and their timing to meet harvest goals.
- 1.6 Identify contingencies that may affect harvest activities.

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

- 1.7 Plan to identify continuous improvement opportunities using methods and/or tools for a harvest.

Range evidence of two methods and/or tools is required.

Outcome 2

Manage the implementation of a harvest plan.

Performance criteria

- 2.1 Monitor harvest progress against the plan.
- 2.2 Manage contingencies.

Range evidence of contingencies may include but are not limited to – equipment breakdown, harvest delays, storage capacity, labour availability, crop maturity; evidence of three contingencies is required.

- 2.3 Monitor the achievement of goals and standards.
- 2.4 Manage procedures to rectify non-conformance to standards.

- 2.5 Apply continuous improvement methods and/or tools in the implementation of the harvest plan.

Outcome 3

Review the harvest plan and make recommendations for improvement.

Performance criteria

- 3.1 Analyse the harvest plan against achievement of goals and standards.
- 3.2 Make recommendations for improvements to the harvest plan.
- 3.3 Apply continuous improvement methods and/or tools in the review of the harvest plan.

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.