

Title	Implement and monitor indoor crop production activities		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to implement and monitor indoor crop production activities.
----------------	--

Classification	Horticulture > Production Horticulture
-----------------------	--

Available grade	Achieved
------------------------	----------

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

- 3 Definitions

Crop production activities are tasks carried out to enhance the productivity of horticultural crops.

Instruction refers to techniques such as explaining workplace procedures and quality standards, giving verbal instructions, demonstrating techniques, monitoring outcomes and giving feedback.

Out-of-specification performance is indoor crop production work that does not meet regulatory requirements, quality standards or workplace requirements.

PPE refers to personal protective equipment.

Production plan refers a workplace plan for indoor crop production that is consistent with regulatory requirements and the quality standards of the target market, and with health and safety legislation.

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).

Workplace procedures refer to verbal or written instructions to staff on procedures for implementing and monitoring crop production activities. Workplace procedures must comply with health and safety legislation and be consistent with the workplace health and safety plan.

- 4 For assessment purposes it is recommended that the learner provides evidence of implementing and monitoring at least four different indoor crop production activities.

Outcomes and performance criteria

Outcome 1

Implement indoor crop production activities.

Performance criteria

- 1.1 Determine activities to be carried out in accordance with a production plan.
- 1.2 Provide instruction to team members.
- 1.3 Coordinate provision of equipment and PPE, in accordance with the workplace health and safety and production plans.
- 1.4 Supervise activities to ensure adherence to workplace health and safety and production plans.

Outcome 2

Monitor indoor crop production activities.

Performance criteria

- 2.1 Report progress on production activities to manager.
- 2.2 Identify out-of-specification performance as defined by the production plan.
- 2.3 Respond to out-of-specification performance in accordance with the production plan.
- 2.4 Report completion of activities.

Replacement information	This unit standard replaced unit standard 22180 and unit standard 22181.
--------------------------------	--

Planned review date	31 December 2026
----------------------------	------------------

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
--	------

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.