

<b>Title</b>	<b>Explain the harvesting of crops in accordance with tikanga and crop requirements</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People awarded this unit standard are able to explain, in accordance with tikanga and crop requirements: the preparation process for harvesting of crops, the importance of timing in the harvesting of crops, and the preparation process of crops for storage.
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<b>Classification</b>	Whenua > Te Whakamahi Whenua
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Recommended skills and knowledge  
Unit 25469, *Explain crop propagation in accordance with tikanga and crop requirements*; or Unit 25471, *Explain the cultivation of crops in accordance with tikanga and crop requirements*.
- 2 Where local rohe are also occupied by a number of other iwi or hapū, the tangata whenua or mana whenua view should take precedence. Other iwi or hapū views should be encouraged in order to enrich and enhance understanding of key Māori concepts and practices.
- 3 Assessment against this unit standard can be conducted in a number of ways that may include but is not limited to – oral presentations, visual presentations, written presentations, whakaari, waiata, haka.
- 4 Tikanga may include, but are not limited to:
  - the traditional use of pest control
  - soil modification and development
  - the use of implements
  - the use of maramataka
  - the process of māhiti
  - the use of karakia
  - whanaungatanga
  - hākari
  - the practice of naming māra
  - ohaoha.
- 5 Definitions  
*Maramataka* refers to a system of gardening throughout the lunar months.  
*Rua/pakoro* refers to underground pits.

*Whata* refers to elevated platform.

*Rīwai* refers to potato.

*Kamokamo* refers to marrow.

*Kānga* refers to maize, corn.

*Hue* refers to gourds, the young hue was used for food, and is similar in texture to the marrow.

*Matariki* refers to the Pleiades star cluster, which is an indicator/sign for seasonal plant performance for some iwi.

*Puanga* refers to the Rigel star, which is an indicator/sign for seasonal plant performance for some iwi.

*Hākari* refers to celebration.

*Māhiti* refers to sorting and separating according to size and quality.

*Ohaoha* refers to practice of exchanging kai.

6 The local species grown in pre-European times is preferred. However, due to the scarcity of some species, more common varieties may be used.

7 Range

Root grown crops may include but are not limited to – kūmara, rīwai, taro, beets, turnips, parsnips, carrots; evidence of kūmara or rīwai; and one other root grown crop (including the other of kūmara or rīwai) is required.

Seed grown crops may include but are not limited to – kānga, kamokamo, paukena, hue, watermelon, silverbeet, carrots;

evidence of kānga, kamokamo or paukena; and one other seed grown crop (including another from kānga, kamokamo or paukena) is required.

## Outcomes and performance criteria

### Outcome 1

Explain the preparation process for harvesting of crops in accordance with tikanga and crop requirements.

#### Performance criteria

1.1 Pre- or post-harvesting of crops is explained.

Range may include, but is not limited to – mana atua, mana whenua, mana tangata; evidence of one for either pre- or post-harvesting is required.

1.2 Equipment and tools for harvesting are explained.

Range manual, mechanical; evidence of two of each is required.

### Outcome 2

Explain the importance of timing in the harvesting of crops in accordance with tikanga and crop requirements.

**Performance criteria**

- 2.1 Optimum timing in relation to the harvesting of crops is explained.
- Range may include but is not limited to – aspects of maturity, maramataka, observation of Matariki or Puanga, weather, companion planting; evidence of two required.
- 2.2 Harvesting methods are explained.
- Range manual, mechanical; evidence of one of each method is required.

**Outcome 3**

Explain the preparation process of crops for storage and grading in accordance with tikanga and crop requirements.

**Performance criteria**

- 3.1 Processes for the preparation of crops for storage during harvest is explained.
- Range preparation may include but is not limited to – curing, washing, drying; evidence of two processes is required.
- 3.2 The selection of crops for grading during harvest is explained.
- Range grading may include but is not limited to – seeds for regeneration, animal feed, whānau consumption, marketing; evidence of two is required.
- 3.3 The storage of graded crops post-harvest is explained.
- Range may include but is not limited to – outdoors, indoors; evidence of one is required.

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<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2010	31 December 2017
Review	2	19 November 2015	31 December 2023
Revision	3	31 May 2018	31 December 2023
Rollover and Revision	4	27 June 2019	31 December 2023
Review	5	25 March 2021	N/A

**Consent and Moderation Requirements (CMR) reference**

0226

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the NZQA Māori Qualifications Services [mqs@nzqa.govt.nz](mailto:mqs@nzqa.govt.nz) if you wish to suggest changes to the content of this unit standard.