

<b>Title</b>	<b>Plan, prepare, carry out, and evaluate the storage of crops in accordance with tikanga</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	People awarded this unit standard are able to: plan the storage of crops in accordance with tikanga and crop requirements; prepare the storage facility in accordance with the plan, tikanga and crop requirements; carry out the storage of crops in accordance with the plan, tikanga and crop requirements; and evaluate the storage of crops.
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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*; Unit 25471, *Explain the cultivation of crops in accordance with tikanga and crop requirements*; Unit 25470, *Plan, prepare, carry out, and evaluate the propagation of crops in accordance with tikanga*; Unit 25473, *Plan, prepare, carry out, and evaluate the cultivation of crops in accordance with tikanga*; and Unit 25476, *Explain crop storage practices in accordance with tikanga*.
- 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 Definitions  
*Maramataka* – a system of planting throughout the lunar months.  
*Hākari* – is referred to as a celebration.  
*Ohaoha* – refers to practice of exchanging kai.
- 4 Local tikanga practices may include but are not limited to:
  - the traditional use of pest control
  - the traditional management of plant disease
  - the use of implements
  - the use of maramataka
  - the process of māhiti
  - the use of karakia
  - whanaungatanga
  - hākari
  - ohaoha.

- 5 Legislation relevant to this unit standard includes, but is not limited to: Health and Safety at Work Act 2015 (available at: <http://www.legislation.govt.nz/act/public/2015/0070/latest/DLM5976660.html>); Hazardous Substances and New Organisms Act 1996 (available at: <http://www.legislation.govt.nz/act/public/1996/0030/latest/DLM381222.html>); and any subsequent amendments.
- 6 Range  
Crop species may include but are not limited to – kūmara, rīwai, kamokamo, taro kānga, hue, paukena;  
evidence of two is required.
- 7 Each crop has specific storage requirements, which include, but are not limited to – indoor, outdoor, underground.
- 8 Assessment of skills may occur within individual or group settings. However, each candidate must demonstrate individual competence.

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## Outcomes and performance criteria

### Outcome 1

Plan the storage of crops in accordance with tikanga and crop requirements.

### Performance criteria

- 1.1 Objectives for the storage of crops are planned for.
- Range may include but is not limited to – production, quality, seed sources, long-term planning;  
evidence of two is required.
- 1.2 Storage practices are planned for.
- Range may include but is not limited to – indoor, outdoor, underground;  
evidence of one is required.
- 1.3 Storage methods are planned for.
- Range may include but is not limited to – māhiti, curing, whata, rua/pakoro;  
evidence of two is required.
- 1.4 Potential deviations from the plan are included.
- Range may include but are not limited to – weather conditions, crop diseases, moisture, temperature, pest control;  
evidence of two is required.

**Outcome 2**

Prepare the storage facility in accordance with the plan, tikanga and crop requirements.

**Performance criteria**

2.1 Storage facility is prepared.

Range may include but is not limited – traditional and/or contemporary, outdoors, indoors, underground; evidence of two is required.

2.2 Equipment required is prepared.

**Outcome 3**

Carry out the storage of crops in accordance with the plan, tikanga and crop requirements.

**Performance criteria**

3.1 Storage of crops is carried out.

**Outcome 4**

Evaluate the storage of crops.

**Performance criteria**

4.1 The methods applied in the storage of the crops are evaluated in terms of the outcome of the crops.

4.2 Any deviations from the plan are evaluated in terms of the effects on the crops and the outcome of the crops.

4.3 Areas for improvement in storage of crops are evaluated in terms of enhancing the future outcome of the crops.

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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
Revision	2	19 July 2012	31 December 2017
Review	3	19 November 2015	31 December 2023
Revision	4	31 May 2018	31 December 2023
Rollover and Revision	5	27 June 2019	31 December 2023
Review	6	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 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.