



## MAHINGA KAI

### UNIT STANDARD 25469 (version 5)

Explain crop propagation in accordance with tikanga and crop requirements.

(Level 2, Credits 6)

# ĀKONGA BOOKLET

Name/ Ingoa	
Provider/ School/ Kura	
Assessor/ Kaiako	
NSN Number	

Tēnā koe

This is your assessment booklet for Whakamahi Whenua unit standard 25469: **Explain crop propagation in accordance with tikanga and crop requirements.**

## Assessment criteria

### Paetae/Achieved

You must complete all assessment tasks correctly to gain credits for this standard.

There is **ONE (1) OVERALL** assessment task for this standard and there are **THREE (3)** assessment tasks that you must correctly complete to meet the overall assessment task for this unit standard at Paetae/Achieved or Not Achieved.

## Instructions

Observe and listen to your kaiako carefully, take notes, photographs, or do illustrations as you go and keep them in a portfolio.

All the information must meet the requirements of the selected crops and is in accordance with local tikanga.

There are spaces for answers, however, this assessment may be presented orally, visually or in writing. This may include, but is not limited to 3D images/printings, power point presentations, videos, photos, illustrations, performances, etc.

## Referencing

Please remember to reference where you get your information from for this task. You may talk to your kaiako/assessor about how to reference and/or use the examples below.

### EXAMPLES OF REFERENCING STYLES

#### 1 Book

King, M. (2000). *Wrestling with the angel: A life of Janet Frame*. Auckland, New Zealand: Viking.

#### 2 Course handout/Lecture notes (electronic version)

Archard, S., Merry, R., & Nicholson, C. (2011). Karakia and waiata [PowerPoint slides]. Retrieved from TEPS757-11B (NET): Communities of Learners website: <http://elearn.waikato.ac.nz/mod/resource/view.php?id=174650>.

#### 3 Film

Māori Television (Producer). (2016). Iwi Anthems, Series 2 Episode 5 [video file]. Retrieved from: <http://www.maoritelevision.com/tv/shows/iwi-anthems/S02E005/iwi-anthems-series-2-episode-5>.

#### 4 Magazine/Newspaper article – popular/trade/general interest

Fox, D. (2015, 15 September). Viewpoint: Not one more acre. *Mana*. Retrieved from: <http://www.mana.co.nz/heritage/viewpoint.html>.

#### 5 Personal Communication (letters, telephone conversations, emails, personal interviews, private social networking) – no reference list entry required (not recoverable); however, for quoting or citing in text

J. Jackson, personal communication, March 12, 2011.

#### 6 Webpage

New Zealand Trade and Enterprise. (n.d.). Agribusiness. Retrieved from <https://www.nzte.govt.nz/en/export/market-research/agribusiness/>.

## Conditions

- Your kaiako/assessor will discuss with you the requirements of achieving this unit standard (this may include time allowed to complete assessment, pre-assessment preparation, assessment, marking, post-assessment follow-up, and (if needed) reassessment).
- All tasks must be completed correctly to achieve the unit standard.
- You and your kaiako/assessor will discuss your choice of presentation method and any resources you might need (includes, but not limited to, whānau, marae, computer, cameras, internet access, art galleries, museums, archives, handouts).

## Authenticity

As per NZQA requirements, all work submitted for assessment must be produced by you.

You may work with and learn from others to gather information from a variety of sources. However, your kaiako/assessor must be clear that the work to be assessed has been processed and produced by you.

To help manage authenticity of your work, you will need to use your own words (and provide references).

If you have any pātai, or are unsure about anything, talk to your kaiako/assessor.

For further information, please refer to the following link:

<https://www.nzqa.govt.nz/providers-partners/assessment-and-moderation-of-standards/assessment-of-standards/generic-resources/authenticity/>

## ĀKONGA ASSESSMENT & TASK SHEETS

Name

NSN #

SELECT TWO (2) ROOT AND TWO (2) SEED GROWN CROPS” and EXPLAIN the Propagation of crops in accordance with crops requirements and local tikanga.

Root grown crops may include but are not limited to – kūmara, rīwai, taro, beets, turnips and parsnips.

Selection must include kūmara or rīwai and one other root grown crop.

Seed grown crops must include one of – kānga, kamokamo, or paukena.

**Remember: Evidence must –**

- include TWO (2) root grown and TWO (2) seed grown crops in all activities
- meet the requirements of crops and local tikanga.

**Outcome 1 Explain the selection and preparation of a crop for propagation in accordance with tikanga and crop requirements.**

### Assessment Task 1

Describe how to select and prepare crops for propagation.

**Explanation includes** TWO (2) criteria to select crops for propagation. That may include but is not limited to – size, shape, number of eyes, female, male.

**Explanation includes** TWO (2) processes to prepare crops for propagation. That may include but is not limited to – size, shape, number of eyes, female, male.

**Outcome 2** Explain the preparation process of the propagation bed in accordance with tikanga and crop requirements.

## Assessment Task 2

Explain how to prepare the propagation bed for crops.

**Explanation includes** TWO (2) processes to make up the propagation bed.

That may include but is not limited to – environment, soil variances, adequate light, materials.

**Explanation includes** TWO (2) processes to modify and develop the soil for the propagation bed.  
That may include but is not limited to – aeration, temperature, drainage.

**Outcome 3** Explain the propagation of crops and maintenance of the propagation bed in accordance with tikanga and crop requirements.

### Assessment Task 3

**Explain when to propagate crops, and how to maintain the propagation bed.**

Explanation includes seasons for propagation of crops. That includes the māramataka and observations of Matariki.

**Explanation includes** TWO (2) propagation methods for crops. That may include but is not limited to – single layer, spacing, straight line.



**Explanation includes** TWO (2) requirements for the maintenance of the propagation bed.

That may include but is not limited to- water levels, weeds, moisture, disease, animal infestation, rua/pakoro/whata.