

<b>Title</b>	<b>Implement and monitor a beehive nutritional management plan</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to implement and monitor a beehive nutritional management plan.
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<b>Classification</b>	Agriculture > Apiculture
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and standards relevant to this unit standard includes but is not limited to:
  - Agricultural Compounds and Veterinary Medicines Act 1997;
  - Animal Products Act 1999;
  - Biosecurity Act 1993;
  - Biosecurity (National American Foulbrood Pest Management Plan) Order 1998;
  - Food Act 2014;
  - Food Standards Code and Food Standard: Tutin in Honey 2016;
  - Health and Safety at Work Act 2015;
  - Ministry of Primary Industries Manuka Honey Testing Procedures <https://www.mpi.govt.nz/growing-and-harvesting/honey-and-bees/manuka-honey/>;
 and any subsequent amendments.
- 2 The beehive nutritional management plan provided should be consistent with legislative and compliance requirements.
- 3 For information on Manuka honey, refer to <https://www.mpi.govt.nz/dmsdocument/17374-manuka-honey-science-definition-infographic>.
- 4 Definition  
*Workplace procedures* refer to policies and procedures set by the employer or organisation on workplace safety, and beehive nutritional management.
- 5 Workplace procedures must be consistent with the following references – Goodwin, Mark, *Elimination of American Foulbrood Disease without the use of Drugs: A Practical Manual for Beekeepers* (Otaki, New Zealand: National Beekeepers Association of New Zealand Inc., revised edition 2018) (also referred to as The Beekeeper’s Manual); and Goodwin, Mark and Taylor, Michelle, *Control of Varroa – A Guide for New Zealand Beekeepers* (Wellington, New Zealand: New Zealand Ministry of Agriculture and Forestry, revised edition 2007).

All references are available from Apiculture NZ, PO Box 25207, Wellington 6146, New Zealand <http://apinz.org.nz/contact/> or email [info@apinz.org.nz](mailto:info@apinz.org.nz) ph + 64 4 471 6254.

- 6 For the purposes of assessment:
- evidence for the practical components of this unit standard must be supplied from the workplace;
  - evidence must be presented in accordance with workplace procedures.

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## Outcomes and performance criteria

### Outcome 1

Implement a beehive nutritional management plan.

#### Performance criteria

- 1.1 Prepare type and quantity of feed as specified in the plan and in accordance with seasonal requirements.
- 1.2 Coordinate transport of feed to apiaries.
- 1.3 Distribute feed to beehives using methods that minimise spillage and robbing.

### Outcome 2

Monitor a beehive nutritional management plan.

#### Performance criteria

- 2.1 Assess beehives after feeding and make feed adjustments.
- 2.2 Monitor feeding tasks.
- 2.3 Report on the nutritional status of hives.
- 2.4 Complete records.

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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	14 December 2017	31 December 2022
Review	2	24 September 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Comments on this unit standard

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.