

<b>Title</b>	<b>Assess beehive health, monitor beehive feed requirements, and feed bees</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to: assess beehive health; describe feed requirements of bees; and monitor the feed requirements of the beehive and supply feed as required.
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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;
  - and any subsequent amendments.
- 2 Definition  
*Workplace procedures* refer to the policies and procedures set down by the employer or organisation for assessing beehives and feeding bees.
- 3 Workplace procedures must align 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 2006) (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.
- 4 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

Assess beehive health.

#### Performance criteria

- 1.1 Prepare and check equipment.
- 1.2 Open the hive and assess the overall health of the hive.
- 1.3 Check the hive is operating effectively.  
  
Range includes but is not limited to presence of – food stores, healthy queen, brood at all stages of development.
- 1.4 Follow workplace reporting procedures.

### Outcome 2

Describe feed requirements of bees.

#### Performance criteria

- 2.1 Describe the nutritional requirements of bees and types of bee feeds.  
  
Range evidence of three types is required.
- 2.2 Describe the types of bee feeders and their suitability for different situations.  
  
Range evidence of two types of bee feeder is required.

### Outcome 3

Monitor the feed requirements of the beehive and supply feed as required.

#### Performance criteria

- 3.1 Assess the supply of honey in the honey frames and determine the feed requirements for the hive.
- 3.2 Supply feed to relevant hive feeders.
- 3.3 Follow workplace hygiene procedures.

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<b>Replacement information</b>	This unit standard replaced unit standard 25893.
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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>.

#### 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.