

Title	Analyse beehive management and pest and disease management plans, and recommend improvements		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to analyse beehive management and pest and disease management plans, and recommend improvements.
----------------	---

Classification	Agriculture > Apiculture
-----------------------	--------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 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.
- For information on Manuka honey, refer to <https://www.mpi.govt.nz/dmsdocument/17374-manuka-honey-science-definition-infographic>.
- Definitions

Action plan – plan of actions to be taken to achieve objectives.

Business strategy – a strategic perspective for a future development to meet and support a business opportunity.

Goal – outcome statement of intent that relates to the business strategy.

Objectives – components that collectively contribute to achieving the goals.

Workplace procedures refer to policies and procedures set by the employer or organisation on apiculture business strategy.
- 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 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 ph + 64 4 471 6254.

- 5 The apiculture business may include producers of – single source honey, multi floral honey, comb honey, medical grade manuka honey, propolis, pollen, royal jelly, beeswax, queen bees, pollination services or export of beehive products.

Outcomes and performance criteria

Outcome 1

Analyse beehive management and pest and disease management plans, and recommend improvements.

Performance criteria

- 1.1 Analyse and evaluate beehive management and pest and disease management plans in relation to meeting the requirements of the apiculture business.

Range business strategy, goals, objectives, action plans.

- 1.2 Summarise findings and recommendations for improvement and report according to the requirements of the apiculture business.

Range written and/or oral.

Planned review date	31 December 2025
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 September 2020	N/A

Consent and Moderation Requirements (CMR) reference	0052
--	------

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 if you wish to suggest changes to the content of this unit standard.