

Title	Describe the selection criteria for breeder queen bees and beehive characteristics		
Level	4	Credits	6

Purpose	<p>This unit standard is intended for people working in a queen bee rearing context.</p> <p>People who are credited with this unit standard are able to: describe the selection criteria for breeder queen bees and develop a selection criteria template; and describe beehive characteristics suitable for breeder queen bees.</p>
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Classification	Agriculture > Apiculture
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Available grade	Achieved
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Guidance Information

- 1 Legislation and standard 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 Strategy) Order 1998;
 - Food Act 2014;
 - Health and Safety at Work Act 2015;
 - Food Standards Code and Food Standard: Tutin in Honey 2016; and any subsequent amendments.
- 2 Definition

Workplace procedures refer to the policies and procedures on safety and operation set down by the employer or organisation.
- 3 References

Frost, Elizabeth, *Queen Bee Breeding: Ag Guide – A Practical Handbook* (NSW Agriculture, 2016,; available from Apiculture NZ, PO Box 25207, Wellington 6146, New Zealand or email info@apinz.org.nz ph + 64 4 471 6254.
- 4 For the purposes of assessment:
 - evidence must be presented in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Describe the selection criteria for breeder queen bees and develop a selection criteria template.

Performance criteria

1.1 Describe the selection criteria for breeder queen bees.

Range may include but is not limited to – hive number, honey production, drone colour, worker colour, brood viability, temperament, disease resistance, uncapping and removal behaviour, swarming tendency, hive population, honey and pollen stores, queen appearance and behaviour; evidence of at least eight is required.

1.2 Develop a selection criteria template for recording information.

Outcome 2

Describe beehive characteristics suitable for breeder queen bees.

Performance criteria

2.1 Describe the characteristics of beehives in an apiary suitable for breeder queens.

2.2 Describe the potential total scores for beehives in an apiary from breeder queen selection criteria.

2.3 Describe ranking criteria for beehives in an apiary for queen bee breeding potential.

2.4 Identify beehives as suitable breeder queen bees.

2.5 Describe queen bee recording requirements.

Planned review date	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	24 September 2020	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.