

Title	Demonstrate understanding of honey bee physical features, castes, bee stings and beehive health		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to demonstrate understanding of: the key external physical features of the honey bee; bee castes; the human reaction to bee stings; and beehive health.
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Classification	Agriculture > Apiculture
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Available grade	Achieved
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Guidance Information

Definition

Understanding means that there should be evidence of a learner's thorough comprehension of a topic. A learner with a good understanding of a topic should have applied, or should be able to apply what they have learnt to a workplace situation and will be able to alter their practices to the different contexts they are applying their learning to. Assessors should be confident that the learner's understanding is embedded in their practices and behaviour.

Outcomes and performance criteria

Outcome 1

Demonstrate understanding of the key external physical features of the honey bee.

Performance criteria

1.1 Identify three insect-related features and three other external features.

1.2 Describe the uses of five physical features of honey bees.

Outcome 2

Demonstrate understanding of bee castes.

Performance criteria

2.1 Identify the three castes of the honey bee.

2.2 Identify the lifecycle stages and the sequence of the lifecycle stages.

Outcome 3

Demonstrate understanding of the human reaction to bee stings and how to minimise the risk of stings.

Performance criteria

- 3.1 Describe the signs of a mild and a severe reaction to a bee sting.
- 3.2 Describe the range of responses when someone is stung by a bee.
- Range at least three responses for a mild reaction;
at least three responses for a severe reaction.
- 3.3 Describe how to minimise the risk of bee stings.

Outcome 4

Demonstrate understanding of beehive health.

Performance criteria

- 4.1 Describe the signs of a healthy beehive.
- Range three signs.
- 4.2 Describe the symptoms of varroa and American foulbrood infestation in a beehive.
- 4.3 Describe procedures to follow when disease presence is suspected in a beehive.

Replacement information	This unit standard replaced unit standard 19893.
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Planned review date	31 December 2022
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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	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.