



Australian Government

Department of Education, Employment and Workplace Relations

AHCBEK406A Trap and store pollen

Release: 1

AHCBEK406A Trap and store pollen

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers trapping and storing of pollen and defines the standard required to: build a suitable pollen trap and install trap onto hive; correctly collect and process pollen; manage a hive: maintain records.
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Application of the Unit

Application of the unit	This unit applies to beekeepers involved in the specialist production of pollen. Where pollen is intended for human consumption, work must be carried out in accordance with food safety requirements.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Prepare to trap and store pollen	1.1.Colony is assessed for suitability for pollen collection. 1.2.Personal Protective Equipment (PPE) is selected and used. 1.3.Occupational Health and Safety (OHS) hazards associated with working with bees are identified and appropriate action is taken to minimise risks to self and others. 1.4.All equipment used in process of collecting pollen is cleaned and sanitised according to food safety requirements and enterprise procedures.
2. Collect pollen	2.1.Suitable pollen trapping mechanism is constructed and installed in hive. 2.2.Personal hygiene requirements are met, including washed hands and clean clothing. 2.3.Pollen is collected at appropriate frequency, depending on its intended use as bee feed or for human consumption. 2.4.Risk of theft by ants is assessed and steps are taken to reduce likelihood of this occurring. 2.5.Risk of colony decline is assessed and pollen collection is stopped if necessary. 2.6.Pollen is temporarily stored in a suitable container to be transported to processing facilities.
3. Process pollen	3.1.Pollen is cleaned to remove all foreign material. 3.2.Pollen is air dried until moisture content is appropriate to prevent fermentation and deterioration. 3.3.Pollen is stored appropriately and according to its intended use.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- basic woodworking skills to construct a pollen trap
- bee handling

REQUIRED SKILLS AND KNOWLEDGE

- use literacy skills to read, interpret and follow organisational policies and procedures, develop sequenced written instructions, record accurately and legibly information collected and select and apply procedures to a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views
- use numeracy skills to estimate, calculate and record routine and more complex workplace measures and data
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- bee colony's pollen requirements
- bee handling
- correct cleaning and sanitation methods
- knowledge of appropriate floral sources
- quality assurance and food safety, including requirements of honey Bee Industry Quality Assurance Program (BQUAL)
- requirements for commercial processing.

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:

- build a suitable pollen trap and install trap onto hive
- correctly collect and process pollen
- manage a hive and maintain records.

Context of and specific resources for assessment

Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

Pollen production may relate to and may include:

- all equipment and processes used in commercial production of pollen.

Unit Sector(s)

Unit sector

Beekeeping

Co-requisite units

Co-requisite units		

Competency field

Competency field	
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