Modification history

| Release | Comments |
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| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCBEK3XX | Trap and store pollen  |
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| Application | This unit of competency describes the skills and knowledge required to obtain and install a suitable pollen trapping mechanism to collect and store pollen according to its intended use.The unit applies to beekeepers involved in the collection of pollen who follow food safety and quality assurance requirements, and who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources.No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite unit | Nil |
| Unit sector | Beekeeping (BEK) |

| Elements | Performance criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Prepare to trap and store pollen | 1.1 Identify and select suitable floral resources1.2 Assess colony for suitability for pollen collection1.3 Select and use personal protective equipment (PPE)1.4 Identify work health and safety hazards and risks and apply appropriate controls1.5 Ensure equipment to be used in the process of collecting pollen is clean and sanitised according to food safety requirements |
| 2.Collect pollen | 2.1 Select and obtain suitable pollen trap equipment2.2 Adhere to personal hygiene requirements including washed hands and wearing clean clothing2.3 Collect pollen at frequency according to workplace and hive management procedures2.4 Assess risk pest attack or contamination of pollen and implement corrective action2.5 Assess risk of colony decline and implement corrective action according to hive management procedures2.7 Store pollen to be transported according to food safety standards and workplace procedures |
| 3.Process pollen | 3.1 Clean pollen according to workplace practices3.2 Treat pollen to prevent fermentation and deterioration and store according to workplace procedures and food safety standards3.4 Maintain appropriate records according to workplace procedures |

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| Foundation skillsThis section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria. |
| Skills | Description |
| Writing | * Accurately records and completes workplace documents and using clear language and correct spelling, grammar and terminology
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| Navigate the world of work | * Takes responsibility for following policies, procedures, legislative requirements and industry codes relevant to pollen collection and food health and safety
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| Get the work done | * Takes responsibility for planning, sequencing and prioritising tasks for pollen collection and workload
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| Unit mapping information |
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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCBEK406 Trap and store pollen | AHCBEK406A Trap and store pollen | Updated to meet Standards for Training PackagesMinor changes to Performance Criteria for clarityCode changed to reflect AQF alignment | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |

| Assessment requirements |
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| AHCBEK406 | Trap and store pollen  |
| Performance evidence |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.There must be evidence that on at least one occasion the individual has demonstrated that they have trapped and stored pollen including:* identified flora suitable for pollen collection activities
* selected a pollen trap and ensured it is clean and sanitised
* assessed suitability of colonies for pollen collection
* assessed health, safety hazards and food handling risks and applied controls
* used appropriate personal protective equipment (PPE)
* collected, stored and processed pollen
* assessed colony health, pests and contamination and rectified according to hive management practices
* maintained records according to workplace procedures
* handled bees safely
* cleaned and sanitised equipment.
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| Knowledge evidence |
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| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:* principles and practices of trapping and storing pollen
* pollen traps, their construction and operation
* bee colony pollen requirements
* bee and colony handling techniques
* floral sources for pollen production
* quality assurance requirements for pollen collection including food health and safety
* work health and safety requirements around hives
* requirements for commercial processing.
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| Assessment conditions |
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| Assessment of skills must take place under the following conditions: * physical conditions:
* skills must be demonstrated in an active apiary
* resources, equipment and materials:
* live bees in hives
* use of specific tools and equipment
* use of pollen traps
* use of specific items of personal protective equipment
* specifications:
* use of specific workplace procedures and processes
* use of manufacturer’s operating/construction instructions for specific pollen traps
* access to specific safety data sheets for equipment cleaning and sanitation
* use of workplace pollen specifications
* access to specific food safety and beekeeping legislation and codes of practice

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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