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. |

| AHCBEK404 | Provide bee pollination services |
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| Application | This unit of competency describes the skills and knowledge required to negotiate with clients and to determine pollination requirements and costs for bee pollination services.  This unit applies to experienced beekeepers who analyse information and exercise judgement to complete a range of specialised activities and demonstrate thorough understanding of pollination services and have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.  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 |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Assess pollination service requirement | 1.1 Confirm with client the pollination services to be provided  1.2 Determine number and types of colonies required for crop  1.3 Assess strength and condition of bee colonies for their suitability for use as crop pollinators  1.4 Assess risk of pollination problems with client and agree and establish process to monitor risk  1.5 Provide technical information to client |
| 2.Price and formalise agreement for pollination services | 2.1 Identify and calculate costs in providing pollination services  2.2 Confirm with client the price for pollination services  2.3 Make and document formal agreement with client |
| 3.Monitor pollination performance of bee colonies | 3.1 Liaise with client on spraying programmes  3.2 Monitor crop within appropriate timeframe for evidence of bee foraging and pollination efficiency  3.3 Take remedial action where required  3.4 Demonstrate hive strength and condition to client  3.5 Carry out bee husbandry practices to ensure apiary performance |
| 4.Comply with industry and legislative requirement | 4.1 Obtain appropriate health certificates and permits where bees are to be moved across state borders  4.2 Follow appropriate pollination code of practice  4.3 Comply with all Apiary Acts and other relevant Acts and regulations and local government regulations affecting beekeeping |

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| Foundation skills  This 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 | * Prepares and produces basic written agreements and associated materials to convey pollination service and planned outcomes |
| Numeracy | * Performs mathematical calculations to analyse bee and pollination data and to calculate costs of services |
| Oral Communication | * Determines and confirms client requirements using active listening and questioning and observation of verbal and non-verbal signals to convey and clarify information and to confirm pollination services required |
| Get the work done | * Plans and monitors progress of services and reviews and implements change to meet client and service requirements |

| Unit mapping information | | | |
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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCBEK404 Provide bee pollination services | AHCBEK404A Provide bee pollination services | Updated to meet Standards for Training Packages  Minor changes to Performance Criteria for clarity | 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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| AHCBEK404 | Provide bee pollination services |
| 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 provided bee pollination services including:   * negotiated pollination service requirements including price with a customer * assessed hive condition and suitability for pollination * calculated strength and numbers of bee colonies required to pollinate crop * identified suitable locations within crop or site for hive placement * managed the bee colonies for pollination process * liaised with the client to protect apiary from chemical use * monitored and managed hive activity according to industry practice and agreed service outcomes. | |

| 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 pollination services * managing the impact of crop chemicals and alternatives * environmental and climatic factors affecting bee foraging behaviour and pollination * basic negotiation skills and essential elements of a valid agreements and service contracts * health and performance of bee colonies including swarm management * pollination requirements of major crops in locality of operation, including nearby competing crops and plants * hive management strategies including effects of weather, nutrition and water requirements of bees * impact of location on colonies to maximise pollination * calculations and pricing techniques for service industry. |

| Assessment conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated in an apiary or an environment that accurately represents workplace conditions * resources, equipment and materials: * live bees in hives * use of specific tools and equipment required to locate and manage hives * specifications: * use of specifications and or client brief for pollination service * access to specific legislation/codes of practice * relationships: * real clients/customers or realistic scenarios or role plays   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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