



Australian Government

Assessment Requirements for AHCBEK304 Remove a honey crop from a hive

Release: 2

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Modification History

Release	Comments
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.

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 removed a ripe honey crop from a hive including:

- selected and ensured serviceability of tools and equipment for harvesting a honey crop
- identified work safety hazards and risks and implemented control measures when working around bees
- selected and used appropriate personal protective equipment (PPE)
- performed honey harvest activities according to food safety, quarantine and biosecurity procedures
- determined the ripeness and volume of honey comb and its readiness for harvest
- checked treatment records and ensured honey is harvested according to treatment withholding periods
- determined the factors affecting quality and quantity of honey and planned the time and location to harvest
- handled comb filled with honey to prevent contamination and maintain quality
- selected and used appropriate method to remove ripe honey comb from hives and loaded and secured for transport
- used safe handling and loading techniques
- transported and stored ripe honey comb in a pest and bee secure environment protected from damage and contamination
- updated and maintained apiary records according to workplace procedures.

Knowledge Evidence

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 removing honey filled frames from hives
- impact on colony, type of honey and apiary site on the quality of honey, planning and timing of removal
- methods of removing bees from ripe honey comb and supers, including:
 - fume boards
 - brushing
 - blowers
 - escape boards
- food safety and handling requirements of honey comb
- indicators of ripe honey and adequately filled comb
- honey quality and factors that impact on quality
- calculations for estimating volume of harvest
- hive medications and treatments and their effect on honey harvesting and withholding periods
- tools and equipment required for honey harvest operations, including:
 - maintenance
 - safe operation
 - hygiene and biosecurity
- potential contaminants of ripe honey and the effect on honey quality
- loading, securing, protecting, transporting and storing ripe honey comb to minimise contamination, and comply with biosecurity requirements
- biosecurity standards and practices, barrier system and traceability of hive components when harvesting ripe honey
- hazards and risks when harvesting honey and control measures to apply including PPE
- planning a harvest and factors and conditions that impact on timing and location
- records and record keeping systems when harvesting honey crop.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - an active apiary or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - bee hives with ripe honey
 - live bees
 - PPE
 - equipment, resources and tools used for removing bees from ripe honey comb
- specifications:

- workplace procedures for honey removal
- safety data sheets for fume boards used
- access to specific food safety regulations, biosecurity code of practice and transport regulations.

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

Links

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