

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCBER402	Conduct field surveillance for a specific emergency disease or pest
Application	<p>This unit of competency describes the skills and knowledge required to conduct field surveillance for identifying potential emergency diseases or pests, to gather evidence to confirm a diagnosis and to implement a response to contain the emergency.</p> <p>The unit applies to individuals who have been appointed or engaged as part of a field surveillance team to undertake a role within an emergency disease or pest incursion response. Field surveillance teams work under instructions from the control centre. The individuals take responsibility for their own work and for the quality of the work of others within known parameters. They use discretion and judgement in the selection, allocation and use of available resources.</p> <p>No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Emergency Response (BER)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Develop an operational surveillance plan	1.1 Receive and confirm authorised information on incursion 1.2 Develop an operational plan for site visits 1.3 Clarify legal implications and powers of authorisation according to legislative and regulatory requirements 1.4 Notify stakeholders of site visit and legal obligations
2. Visit sites to detect specific emergency disease or pests	2.1 Conduct site visits to identify signs of emergency disease or pest according to surveillance plan. 2.2 Collect samples and other evidence for testing and support a diagnosis according to biosecurity standards and protocols 2.3 Access expertise to assist in diagnosis 2.4 Handle, package and dispatch diagnostic samples according to biosecurity standards and protocols
3. Respond to an emergency disease or pest	3.1 Alert surveillance manager of an identified emergency disease or pest according to workplace procedures 3.2 Contain emergency disease or pest in a timely manner according to authorised information from control centre and biosecurity procedures 3.3 Collect information for managing emergency disease or pest outbreak and report results to surveillance manager 3.4 Provide warnings and directions for stakeholders to follow according to control centre instructions
4. Finalise surveillance activities	4.1 Decontaminate personnel, equipment and vehicles according to infected property (IP) requirements, biosecurity standards and protocols and authorised instructions

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Interpret and analyse biosecurity and emergency response policies, procedures, standards and instructions, and apply to surveillance activities
Oral Communication	<ul style="list-style-type: none"> Demonstrate flexibility in spoken texts by choosing appropriate structures and strategies for different stakeholder when communicating and providing directions

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBER402 Carry out field surveillance for a specific emergency disease or pest Release 2	AHCBIO402 Carry out field surveillance for a specific emergency disease or plant pest Release 1	Minor change to Title and Changes to Application Added Elements and Performance Criteria to clarify the units outcomes Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	No equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCBER402 Carry out field surveillance for a specific emergency disease or pest
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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has, **on at least one occasion**, conducted field surveillance for an emergency disease or pest and has:

- confirmed work activity with surveillance authority and developed an operational plan
- conducted site visits, collected, prepared and dispatched possible emergency diseases or pests
- followed biosecurity standards and protocols throughout surveillance operations
- sought expert advice to assist in identification and diagnosis of emergency disease or pest
- alerted surveillance authority and contained emergency disease or pest in a timely manner as directed by control centre and biosecurity standards and protocols
- collected information for management of outbreak and reported to surveillance manager
- directed and communicated with stakeholders of suspected emergency disease or pest
- ensured decontamination of personnel, equipment and vehicles according to the requirements of the infected property, biosecurity procedures and authorised instructions.

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:

- standards, guidelines and protocols for the emergency disease or pest
- signs and symptoms of diseases or pests subject to surveillance for specific environments
- emergency disease or pest surveillance procedures for:
 - collecting and handling samples and supporting evidence of diagnosis
 - reporting findings and information that may help in control response
 - containment of outbreak
 - personal and general decontamination
- communication principles for providing direction and warnings to stakeholders who may include:
 - property owners
 - property or land managers
 - transient operators such as bee keepers
- roles, responsibilities and reporting procedures of stakeholders in an emergency response event
- sources of information for identifying and managing emergency diseases and pests, including:
 - seeking and accessing expertise for disease and pest identification
 - Australian Veterinary Emergency Plan (AUSVETPLAN)
 - Australian Emergency Plant Pest Response Plan (PLANTPLAN)
 - Nationally Agreed Standard Operating Procedures (NASOP)
 - biosecurity plans and codes of practice relevant to different industry sectors
- decontamination procedures for the following:
 - personnel
 - tools and equipment
 - vehicles
- importance of time in an emergency response.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an environment that accurately represents a property or condition where an outbreak of disease or pest incursion has occurred
- resources, equipment and materials:
 - references and resources for identification of possible diseases or pests
 - use of specific tools and equipment required to contain the emergency disease or pest
 - use of personal protective equipment and decontamination facilities
- specifications:

Assessment Conditions
<ul style="list-style-type: none">• use of surveillance authority documents and instructions• access to biosecurity legislation and codes of practice• relationships:<ul style="list-style-type: none">• stakeholders• surveillance authority and control centre• timeframes:<ul style="list-style-type: none">• according to time specified for emergency containment response. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>

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