

Modification history

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

AHPCCM403	Implement an integrated pest management program
Application	<p>This unit of competency <u>describes</u> the skills and knowledge required to <u>assess infestations, plan and</u> implement an integrated pest management program.</p> <p><u>The unit</u> applies to individuals who <u>apply specialist skills and knowledge to implementing an integrated pest management program. This includes applying and communicating non-routine technical solutions to predictable and unpredictable</u> problems.</p> <p><u>All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.</u></p> <p>No <u>licensing, legislative or certification requirements</u> apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Plant culture and management (PCM)

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. Assess weed, pest and disease infestations	<p>1.1 <u>Determine operational parameters and objectives of the integrated pest management (IPM) program</u></p> <p>1.2 Identify symptoms of weed, pest and disease infestation in response to client needs</p> <p>1.3 <u>Define weed, pest and disease relationships and vectors as key factors in plan.</u></p> <p>1.4 <u>Assess size and scope of infestation</u></p> <p>1.5 <u>Assess business implications and urgency of action according to published data and workplace procedures</u></p> <p>1.6 <u>Report to management</u> conditions likely to impact on business viability</p>
2. Plan appropriate integrated treatments for weeds, pests and diseases	<p>2.1 <u>Identify and ensure</u> treatments selected include chemical or non-chemical products <u>according to workplace procedures and IPM program</u></p> <p>2.2 Outline integrated application of treatments in planning documentation</p> <p>2.3 <u>Identify and cost</u> treatments which provide a suitable response to infestations, having regard to cost of damage, cost of infestation, marketing requirements, withholding periods and sustainable horticultural practices</p> <p>2.4 Seek professional assistance as required</p> <p>2.5 <u>Document IPM plan</u></p>
3. Implement weed, pest and disease control measures	<p>3.1 Ensure control procedures reflect sound implementation of integrated pest management strategy, marketing objectives and business imperatives</p> <p>3.2 Develop and implement monitoring procedures</p> <p>3.3 <u>Communicate, IPM plan and activities to staff, and supervise</u> work according to the IPM plan</p> <p>3.4 <u>Identify non-compliance with documented objectives and implement remedial actions to alleviate or overcome identified shortcomings in plan.</u></p> <p>3.5 <u>Identify and record variances from IPM plan or monitoring procedures.</u></p>

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AHPCPC403 Implement an integrated pest management program

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.

Skill	Description
<u>Reading</u>	<ul style="list-style-type: none"> Interpret textual information from a range of sources to identify relevant and key information about IPM program requirements and key factors in plan development.
<u>Writing</u>	<ul style="list-style-type: none"> Develop an IPM plan and monitoring procedures.
<u>Oral communication</u>	<ul style="list-style-type: none"> Initiate discussions with management, using clear language to report conditions likely to impact on business viability Use clear communications with staff to communicate IPM plan and activities.
<u>Numeracy</u>	<ul style="list-style-type: none"> Calculate IPM plan treatment costs

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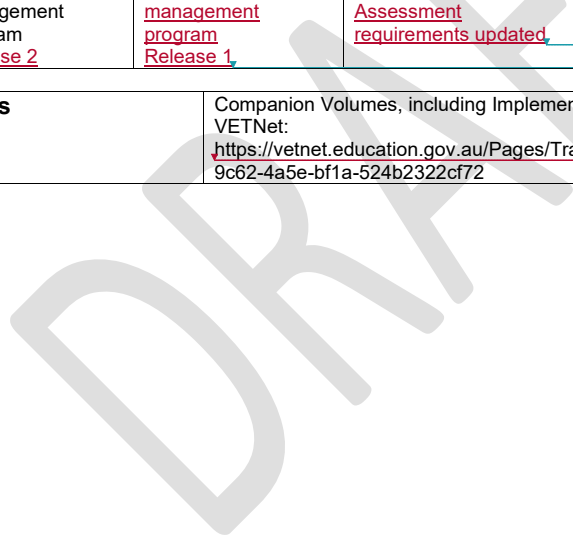
Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHPCPC403 Implement an integrated pest management program <u>Release 2</u>	<u>AHPCPC403</u> <u>Implement an integrated pest management program</u> <u>Release 1</u>	<u>Performance criteria clarified</u> <u>Foundation skills added</u> <u>Assessment requirements updated.</u>	<u>Equivalent unit</u>

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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>



TITLE	Assessment requirements for AHPCPC403 Implement an integrated pest management program
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. <u>There must be evidence that the individual has implemented an integrated pest management (IPM) program on at least one occasion and has:</u></p> <ul style="list-style-type: none"> <u>applied and implemented IPM program requirements</u> <u>applied relevant workplace health and safety, and environmental and biosecurity legislation, regulations and workplace procedures,</u> <u>identified symptoms of weed, pest and disease infestation</u> <u>developed an IPM plan and monitoring procedures</u> <u>communicated IPM plan to staff and supervised work.</u> 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> <u>IPM program requirements</u> <u>workplace health and safety, and environmental and biosecurity legislation, regulations and workplace procedures relevant to implementing an IPM program,</u> <u>principles and practices for integrated pest management, including:</u> <ul style="list-style-type: none"> application techniques for chemical and non-chemical treatments concept and principles of <u>IPM,</u> cost <u>and</u> benefit analysis relevant to selection of weed, pest and disease control measures crop and plant scouting and monitoring ecological impacts of different control treatments integration of weed, pest and disease control measures lifecycles of hosts, predators and pests and diseases sustainable horticultural practices weeds and pests of specific horticultural <u>workplaces.</u> 	
Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <u>physical conditions:</u> <ul style="list-style-type: none"> <u>a workplace setting</u> or an environment that accurately represents workplace conditions, <u>resources, equipment and materials:</u> <ul style="list-style-type: none"> <u>published data, marketing requirements, withholding periods and sustainable horticultural practice information relevant to implementing an integrated pest management program</u> <u>industry publications and internet sources of information relevant to implementing an integrated pest management program,</u> <u>specifications:</u> <ul style="list-style-type: none"> <u>IPM program requirements</u> <u>workplace health and safety, and environmental and biosecurity legislation, regulations and workplace procedures relevant to implementing an IPM program,</u> <u>relationships:</u> <ul style="list-style-type: none"> <u>staff and management,</u> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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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The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.¶
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oversee the implementation of an IPM pest management plan¶
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