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. |

| AHCPMG308 | Implement pest management strategies |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to assist in the implementation of a pest management plan for weeds, vertebrate or invertebrate pests.The unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving 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 | Pest Management (PMG) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare for implementation | 1.1 Access and interpret the pest management plan and discuss requirements with supervisor1.2 Determine declared species according to legislative requirements 1.3 Identify concepts of the pest management plan and impact on implementation1.4 Identify key stakeholders and their attitudes towards pest management plan1.5 Identify, select and prepare resources required for implementation1.6 Identify health and safety hazards, risks and controls required according to workplace health and safety procedures1.7 Identify select, use and maintain personal protective equipment according to workplace procedures1.8 Identify budgetary constraints for implementing the plan and modify plan to remain within budget |
| 2. Assess targeted pest | 2.1 Identify the targeted pest and determine pest characteristics2.2 Identify pest management control method according to workplace procedures2.3 Identify pest status according to location, land use, legislative requirements, benefits and damage caused2.4 Assess target area for hazards, environmental risks and conflicting outcomes with pest management plan,  |
| 3. Implement the plan | 3.1 Use safeguards to ensure that the target pest is controlled and other species remain unharmed according to plan outcomes3.2 Assess and control environmental impacts and use biosecurity and sustainability principles as outlined in the plan3.3 Use appropriate application processes and techniques to achieve desired period of control3.4 Ensure animal welfare, property, stock and duty of care comply with Federal and State legislation3.5 Assess the effectiveness of the plan using relevant monitoring techniques and survey data3.6 Apply follow-up controls to manage reinfestation according to procedures |
| 4. Complete activities | 4.1 Dispose of pest waste according to enterprise procedures and legislative requirements4.2 Review and assess outcomes of the plan with supervisor to inform future pest management plans4.3 Complete required documentation and make recommendations to supervisor according to workplace procedures4.4 Clean, store and maintain equipment, tools and machinery |

| 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. |
| --- |
| Skill | Description |
| Reading | * Reads and interprets pest management plans and other documentation to consolidate information to determine implementation requirements
 |
| Writing | * Accurately records and completes organisational documentation using clear language, and terminology for recording and reporting performance of management strategies
 |
| Numeracy | * Performs mathematical calculations to analyse budgetary information, costs and values to determine performance against budget
 |
| Oral Communication | * Effectively participates in verbal exchanges including active listening and questioning and reading of verbal and non-verbal signals to convey and clarify information with supervisor
 |
| Navigate the world of work | * Takes responsibility for following explicit and implicit policies, procedures and legislative requirements
 |
| Get the work done | * Takes responsibility for planning, sequencing and prioritising tasks and workload for efficiency and effective outcomes
* Makes routine decisions and implements standard procedures for tasks, using formal decision making processes for complex and non-routine situations
 |

|  |
| --- |
| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPMG308 Implement pest management strategies | AHCPMG308 Implement pest management strategies | Updated to meet Standards for Training PackagesMinor changes to Performance Criteria for clarity | 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 |

| TITLE | Assessment requirements for AHCPMG308 Implement pest management strategies |
| --- | --- |
| 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 demonstrated that they have implemented a pest management strategy including:* assessed and interpreted pest management plan and discussed requirements
* identified declared species
* identified stakeholders, resources, health and safety and budgetary constraints of pest management plan
* assessed the target pest status, control technique and impact
* implemented the pest management plan using appropriate techniques ensuring safety of non-target species and environment
* applied the techniques to achieve long term outcomes
* applied standard monitoring techniques
* reviewed pest management plan and presented recommendations on improvements.
 |

| 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:* appropriate legislative requirements with regards to declared species
* basic sustainability principles, including the ecological role provided by some pests
* Federal and State legislation relating to property, animal welfare and duty of care
* risk management approaches
* stakeholder engagement and consultation strategies
* pest physiological and biological characteristics that influence on pest management, particularly with regard to pest populations and the ability of pests to rapidly recolonise
* pest management control methods and techniques and how they fit into an integrated strategy
* standard monitoring techniques
* pest status in the context of location, land use, benefits and damage caused
* types of follow up techniques that may be required to minimise the possibility of reinfestation
* information sources used for identifying and managing pests
* animal welfare requirements, if implementing vertebrate pest controls
* relevant legislation regarding the destruction, movement and propagation of a declared species
* concepts of the strategic approach to Integrated Pest Management
* biosecurity principles, including prevention of pest spread
* requirements for ensuring the welfare of animals described in the relevant Codes of Practice
* conflicting and cross purpose land use resolution processes.
 |

| Assessment Conditions |
| --- |
| Assessment of skills must take place under the following conditions: * physical conditions:
* skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
* resources, equipment and materials:
* live pests
* use of specific vehicles, tools and equipment
* use of specific items of personal protective equipment
* Use of specific resources appropriate to the control methods
* specifications:
* use of specific workplace documents such as procedures, processes, forms
* use of manufacturer’s operating instructions for specific equipment, machinery, etc.
* access to specific safety data sheets where chemicals have been used
* use of workplace instructions, job specifications or client briefs
* access to specific legislation/codes of practice
* financial budget for project
* relationships:
* clients
* supervisor.

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.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |