Modification history

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| 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. |

| AHCPMG412 | Develop a pest management plan |
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| Application | This unit of competency describes the skills and knowledge required to develop a pest management plan for weeds, vertebrate or invertebrate pests by identifying the activities required to meet objectives of the organisation including the coordination of human and physical resource requirements.  The unit applies to individuals who take responsibility for their own work and for the quality of the work of others within known parameters. They provide and communicate solutions to a range of predictable and sometimes unpredictable 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 |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Determine goals of the plan | 1.1 Determine scope of the plan according to project requirements  1.2 Conduct and document consultation with stakeholders to determine goals according to workplace procedures  1.3 Determine realistic time frames for plan implementation |
| 2.Set specific objectives for the pest management plan | 2.1 Define and document objectives to be achieved in consultation with stakeholders  2.2 Define roles and responsibilities of stakeholders in delivering objectives |
| 3.Identify activities required to achieve specific objectives | 3.1 Determine and document activities required to achieve objectives by proposed deadlines in consultation with stakeholders  3.2 Select and schedule activities according to critical control points according to Animal Welfare Codes of Practice  3.3 Conduct risk management for community, environment, production and health and safety according to health and safety procedures and biosecurity and environmental regulations  3.4 Develop contingency plans for identified risks and external influences according to health and safety and biosecurity procedures and regulations  3.5 Determine monitoring methods and procedures  3.6 Determine control methods relevant to the plan  3.7 Identify site clean-up requirements according to workplace procedures  3.8 Identify biosecurity issues and prepare contingency plans |
| 4.Estimate resources required to complete required activities | 4.1 Determine human and physical resources required for plan  4.2 Estimate and document cost of resources according to workplace procedures |
| 5.Finalise plan | 5.1 Prioritise activities in plan  5.2 Document and present plan to stakeholders for approval according to workplace procedures |

| 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. | |
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| Skill | Description |
| Writing | * Documents outcomes of discussions and produce plans using industry relevant terminology |
| Numeracy | * Applies computational skills to determine costs of resources and determine time lines and activity schedules |
| Oral Communication | * Presents complex information in formal situations using clear and convincing language, tone and pace appropriate when consulting with stakeholders |
| Navigate the world of work | * Works independently or with others in making decisions to achieve organisation outcomes * Contributes to roles and responsibilities of others * Takes full responsibility for following policies, procedures and legislative requirements |
| Get the work done | * Accepts responsibility for planning and sequencing complex tasks and workload, negotiating key aspects with others taking into account capabilities, efficiencies and effectiveness while developing plans and schedules * Applies systematic and analytical decision making processes for complex and non-routine situations |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPMG412 Develop a pest management plan | AHCPMG412 Develop a pest management plan | 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 |

| TITLE | Assessment requirements for AHCPMG412 Develop a pest management plan |
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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 on at least one occasion the individual has demonstrated that they have developed a management plan including:   * developed the scope, goals and time frames for a pest management plan * consulted with stakeholders in the development of the plan * defined and documented the objectives, roles and responsibilities for the plan * identified and documented the activities and developed a schedule of critical control points * conducted a risk assessment for management of community, environment production and health and safety and developed contingency plans * determined and developed operational procedures and methods for monitoring the plan, control methods to be used, site clean-up strategy, and biosecurity * estimated cost of pest management plan * prioritised activities according to budgetary constraints * incorporated health and safety, environmental and biosecurity procedures and regulations into pest management plan * addressed animal welfare practices in the plan. | |

| 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:   * project planning and management processes * activities required to achieve specific objectives * factors that impact on selection of pest management activities, including: * pest behaviour * pest population dynamics and economic and environmental thresholds * target pest biology and lifecycles * potential diseases or toxicity risks * relevant local, regional, State or Territory and national pest management strategies * the principles that underpin the strategic approach to managing pests * land management and production processes of targeted area * Federal, State or Territory legislation and regulations relating to pest management activities * chemical, biological, physical and habitat control techniques for pest management * pest control methods and techniques * requirements for ensuring the welfare of animals described in the relevant Codes of Practice * critical control points in the target pests’ life cycle, land management and production activity cycles * develop objectives for specific, measurable, achievable, realistic and time-based outcomes. |

| Assessment Conditions |
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| 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: * technology and resources for documenting plans * specifications: * use of specific workplace documents including policies, procedures, processes * use of a pests management planning tools * use of workplace instructions and job specifications * access to specific legislation and codes of practice * relationships: * clients * team member(s)/work crew * supervisors/management.   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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