



Australian Government

AHCFAU501 Manage fauna populations

Release: 2

AHCFAU501 Manage fauna populations

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to prepare a fauna management plan, including controlling or maintaining fauna populations.

The unit applies to individuals who manage natural areas, and technical specialists who manage and provide advice on fauna populations.

Firearms licensing conditions may apply to this unit. Scientific licenses and permits may be required in some jurisdictions where the management plan involves endangered or threatened species, or critical habitats.

Pre-requisite Unit

Nil

Unit Sector

Fauna (FAU)

Elements and Performance Criteria

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 fauna populations	1.1 Conduct surveys for distribution, ecology, viability, genetic diversity and threats 1.2 Determine increase or decrease in species population size and range 1.3 Assess desirability of the population change and impact on

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	immediate environment 1.4 Assess condition of the environment and habitats for ongoing support of species 1.5 Research species numbers in other locations to determine significance of local population 1.6 Assess attitudes of stakeholders to the species to determine acceptable range of population management options 1.7 Complete a cost/benefit analysis of population management options
2. Prepare management plan	2.1 Develop plan of management from assessment 2.2 Prepare submissions for funding to implement management plan 2.3 Reconcile costs of plan for management against available funds
3. Control or maintain fauna population	3.1 Develop plan to manage species using a series of intervention measures according to resource constraints and legislative requirements 3.2 Implement measures to manage population 3.3 Obtain permits for population management according to legislative requirements 3.4 Inform stakeholders and staff about population management measures 3.5 Ensure management measures comply with workplace health and safety, animal welfare, biosecurity and environmental sustainability policies and procedures 3.6 Ensure staff are trained and comply with licensing requirements for managing population 3.7 Manage incidents with species according to legislative, workplace health and safety and public safety requirements 3.8 Monitor and adjust management plan and record results in accordance with legislative and workplace requirements

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
Reading	Conduct literature reviews on the impact of animal populations, and critically review results for the development of a fauna management plan
Writing	Prepare fauna management plans and supporting texts, expressing ideas and exploring complex issues that are constructed logically, succinctly and accurately
Oral communication	Establish and maintain effective oral communication with stakeholders and staff
Numeracy	- Calculate animal population densities and compare results with researched results for comparable locations - Prepare costing for management plan and reconciliation with available funding

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCFAU501 Manage fauna populations Release 2	AHCFAU501 Manage fauna populations Release 1	Minor changes to Application Minor changes to Performance Criteria for clarity Added Foundation Skills Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>