



Australian Government

ACMCAN406 Assist in establishing and maintaining a plantation

Release: 1

ACMCAN406 Assist in establishing and maintaining a plantation

Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to assist other personnel, such as horticulturists, to establish and maintain a plantation for animal feed requirements.

This unit applies to senior or more experienced keepers with extensive zoo keeping or related experience who supervise others and 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.

NOTE: The terms ‘occupational health and safety’ (OHS) and ‘work health and safety’ (WHS) generally have the same meaning in the workplace. In jurisdictions where the national model WHS legislation has not been implemented, RTOs must contextualise the unit of competency by referring to current OHS legislative requirements.

Pre-requisite Unit

Nil

Unit Sector

Captive Animals (CAN)

Elements and Performance Criteria

Element	Performance criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Assist with establishing and maintaining a zoological plantation	1.1 Identify and source plantation requirements 1.2 Assist in establishing a plantation 1.3 Implement plantation management strategies according to

Element	Performance criteria
	WHS and workplace policies and procedures 1.4 Conduct daily plantation activities
2. Calculate and harvest animal food requirements	2.1 Calculate animal food requirements 2.2 Harvest plantation 2.3 Advise personnel about maintaining the plantation to meet animal requirements 2.4 Maintain and store plantation records according to workplace policies and 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

Skill	Description
Numeracy	Identify the nutritional content of various plantation food and calculate requirements to suit specific needs
Get the work done	Research plantation requirements for specific animals

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ACMCAN406 Assist in establishing and maintaining a plantation	ACMCAN406A Assist in establishing and maintaining a plantation	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>

Assessment Requirements for ACMCAN406 Assist in establishing and maintaining a plantation

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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 assisted in establishing and maintaining a minimum of one plantation, including:

- worked effectively with others, including horticulturalists
- correctly calculated and harvested food requirements
- maintained plantation records.

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:

- principles and practices for establishing and maintaining a plantation
- basic physiology of required plant species
- pest identification and management techniques
- objectives of a plantation program
- WHS and animal welfare legislative requirements and codes of practice
- relevant institutional policies and procedures, including WHS, animal welfare, ethics, hygiene standards and other industry guidelines
- risks associated with plantation work, including:
 - biological hazardous waste and sharps disposal
 - handling of chemicals and fertilisers
 - inhalation of aerosol particles
 - manual handling, including carrying, lifting and shifting
 - moving parts of machinery or equipment
 - noise, including machinery
 - repetitive strain injury from tasks such as using secateurs
 - slippery or uneven work surfaces

- safe work practices
- toxic plants and substances, including control factors affecting toxicity and protocols for suspected animal poisoning
- zoological horticulture principles and practices.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately reflects a real workplace setting
- resources, equipment and materials:
 - an animal feed plantation
 - equipment and resources appropriate to work undertaken in an animal plantation environment
- specifications:
 - access to organisational policies and procedures
 - current WHS legislation and regulations and relevant state/territory animal welfare regulations
- relationships (internal and/or external):
 - interactions with others, including a horticulturalist.

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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