



Australian Government

AHCPER416 Manage a seed bank

Release: 1

AHCPER416 Manage a seed bank

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Application

This unit of competency describes the skills and knowledge required to develop and implement a seed collection plan, including extraction, treatment and storage procedures required to maintain a seed collection for a managed seed bank.

The unit applies to individuals who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources.

Legislation, regulations and by-laws relating to the collection and removal of plant materials from public and private land apply nationally and in some states, territories and jurisdictions. Users are advised to check with the local relevant authority.

Pre-requisite Unit

Nil

Unit Sector

Permaculture (PER)

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. Plan seed collection for a seed bank	1.1 Identify purpose and scope of seed bank 1.2 Investigate and interpret seed characteristics for method of collecting 1.3 Identify opportunities for seed collection from field observation and liaison with stakeholders in this field

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Identify site, site conditions and plants for seed collection 1.5 Identify site specific hazards, assess risk and develop control procedures according to workplace health and safety policies 1.6 Identify governing authority for site and contact stakeholder 1.7 Obtain permits and approvals required for seed collection site according to regulations and tenure 1.8 Select method of seed collection according to seed type and site conditions 1.9 Determine and document quantity of seed to be collected from each provenance
2. Implement seed collection program	2.1 Coordinate and schedule work team 2.2 Coordinate resources and equipment required for seed collection 2.3 Confirm and provide access to permits and approvals according to regulatory requirements 2.4 Instruct work team on health and safety procedures 2.5 Oversee seed collection activities according to seed collection plan and health and safety procedures 2.6 Oversee seed cleaning activities according to workplace procedures 2.7 Maintain seed collection labels and records according to regulations and workplace procedures
3. Maintain a seed collection	3.1 Check quantity, quality and provenances of collected seed 3.2 Monitor viability and health of seed collected 3.3 Implement pest and disease control procedures 3.4 Maintain optimum seed storage conditions 3.5 Dispose of non-viable seeds according to workplace environmental procedures 3.6 Package, label and distribute seed according to quality standards and workplace procedures 3.7 Maintain record of stored seed

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
Writing	• Prepare applications and documentation clearly and accurately using appropriate industry terminology to convey regulatory information required for statutory approvals • Maintain accurate records of seed source, species, provenance and other relevant characteristics using biological naming conventions and terminology

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPER416 Manage a seed bank	AHCPER409 Manage a permaculture seed bank	Changed title to remove specificity Changes to Application, Elements and Performance Criteria to broaden use and for clarity Changes to Performance Evidence, Knowledge Evidence and Assessment Conditions for clarity Addition of Foundation Skills	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>