



**Australian Government**

# **AHCPER409 Manage a permaculture seed bank**

**Release: 1**

# AHCPER409 Manage a permaculture seed bank

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## Application

This unit of competency describes the skills and knowledge required to manage a permaculture seed bank. It requires the ability to plan seed collection, implement seed collection and maintain a seed collection in storage. Managing a permaculture seed bank requires knowledge of plant biology, handling and extraction of seed, treatment and documentation, collecting ethics, protocols and legislative parameters and storage techniques.

All work is carried out to comply with workplace procedures.

This unit applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

## Pre-requisite Unit

Nil.

## Unit Sector

Permaculture (PER)

## Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan seed collection for a permaculture seed bank	1.1 Analyse requirements for seed collecting, and interpret them for required seed characteristics and implementation issues 1.2 Identify opportunities for seed collection from field observation and liaison with other specialists in this field

Element	Performance criteria
	1.3 Identify and mark on a plan suitable areas and plants for seed collection 1.4 Select method of seed collection appropriate to the geography of the local area, size and type of plants and available resources 1.5 Determine and document quantity of seed to be collected from each provenance 1.6 Liaise with relevant authorities or owners and seek approvals where required
2. Implement seed collection program	2.1 Coordinate and schedule people, materials and equipment required by the seed collection program 2.2 Identify and obtain any permits and approvals required for the seed collection 2.3 Identify the seed and complete the required documentation
3. Maintain a seed collection	3.1 Check the quantity, quality and provenances of the collected seed 3.2 Check and monitor the health of seed collected and take remedial action where required 3.3 Control pests and conditions detrimental to seed health 3.4 Dispose appropriately of seeds that are non-viable owing to age or pest attack 3.5 Supply true to type and appropriately labelled seed to others 3.6 Record up to date details of seeds held in storage

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

New unit - equivalent to QLD124RES09B.

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>