



**Australian Government**

# **Assessment Requirements for AHCPER409 Manage a permaculture seed bank**

**Release: 1**

# Assessment Requirements for AHCPER409 Manage a permaculture seed bank

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- plan seed collection
- implement a seed collection program
- maintain a seed collection

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- flowering biology of the target species
- biological signs which indicate that the seed crop is ready to be collected
- seed banks, such as:
  - community seed banks and networks
  - private seed collections
  - organic food production enterprises such as market gardens
  - community supported agriculture seed sources
  - community garden and city farm seed banks
  - supply of vegetative propagation for perennial plants
  - heritage and non-hybrid seed distributors
  - heritage and non-hybrid seed producers
  - permaculture plant and seed nurseries
  - community seed swaps
- methods of seed collection, such as:
  - hand-picking seeds or seed capsules
  - harvesting whole plant

- collecting and ripening fruit
- collecting after felling
- using ladders
- climbing
- shaking
- high-powered rifles (licensed operators only)
- elevated platforms
- extraction of the seed from the collected material
- handling of the seed crop after picking
- storage of seed, such as:
  - bags or envelopes
  - appropriate containers
  - cool, dry location
  - dehumidifying agents (silica gel, wood ash)
  - oxygen exclusion techniques
  - freezer or refrigerator
  - pest deterrent mechanisms
  - light exclusion mechanisms
- documentation of the extracted seed, such as:
  - information on provenance
  - botanical name: family, genus, species, variety and/or cultivar
  - common names
  - brief plant description
  - identity of collector
  - date collected or use by date
  - quantity (by weight or number of seeds)
  - viability test results
  - organic certification of grower
  - growing instructions such as recommended season and spacing
- provenances of seed, such as:
  - location and growing conditions of parent plant
  - sub-catchment identification of seed from endemic native plant populations
  - species and/or varieties adapted to local conditions
- collecting ethics, protocols and legislative parameters, such as:
  - limits on quantity allowed for collection
  - limits on time period for collection
  - particular use or destination for seed
  - indigenous plant regulatory conditions

## Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also have a nationally accredited Certificate IV or Diploma of Permaculture. Completion of a Permaculture Design Course (PDC) or non-accredited Permaculture Diploma is not sufficient at this level.

## Links

Companion Volume implementation guides are found in VETNet -

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