



Australian Government

Assessment Requirements for AHCPER220 Harvest crops in a permaculture system

Release: 1

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Modification History

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

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 harvested at least one crop and has:

- assessed crops and conditions for harvest
- prepared resources and materials for crop harvest operations
- carried out harvest operations safely without damage to crop
- prepared, operated and maintained harvesting equipment
- graded, packed into containers and stored harvested crop.

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:

- permaculture principles related to harvesting
- principles of sustainable horticultural practices
- crops commonly used in permaculture systems
- indicators of crop maturity for harvesting
- impact of environmental conditions on crop harvesting, including:
 - weather impact on crop
 - safe access to harvest site
- harvesting techniques, including:
 - selective picking or hand picking ripe from unripe
 - tree shaking
 - picking leaves rather than whole plants
 - cutting plants and allowing to regrow
 - thinning or removing weak or diseased plants from among healthy ones
 - end of season crop extension harvesting

- equipment and machinery used in harvesting
- sorting and grading, including:
 - removing out-of-type crop
 - removing physically damaged, unhealthy, rotten or immature crop
 - grading of the crop according to variety, size, length, colour, maturity, blemishes, bud count and quality, being subject to seasonal and market forces
- storage, transportation and grading of crops, including containers and their maintenance
- methods of waste disposal with minimal impact on the environment
- safe work practices when harvesting, grading and storing crops.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a permaculture property with maturing crops or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools and equipment for harvesting
 - personal protective equipment
 - crops to harvest
 - containers and site to store harvest
- specifications:
 - workplace procedures and processes
 - manufacturer operating instructions for equipment
 - workplace instructions
 - grading standards for harvested crops
- relationships:
 - supervisor
- timeframes:
 - according to ripening time specified in harvesting plan.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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