



Australian Government

**Assessment Requirements for
AHCWRK605 Design and conduct a
field-based research trial**

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 designed and conducted at least one field-based research trial and has:

- established and conducted sound research parameters that enable achievable results
- sought and obtained appropriate approvals to conduct field-based trial
- entered, analysed and organised data in a mathematically sound and accurately graphed, charted or tabled representation, consistent with the trial design
- followed workplace health and safety and environmentally responsible practices.

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:

- scientific and statistical methodology, research methods, techniques and procedures
- workplace health and safety, environmental protection and employment legislation, regulations and codes of practice relevant to designing and conducting a field-based research trial
- research trial data collection, processing, storage and reporting procedures
- properties of materials involved in the trial.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:

- trial materials
- research trial reporting procedures
- computer hardware and software
- specifications:
 - workplace health and safety, environmental protection and employment legislation, regulations and codes of practice relevant to designing and conducting a field-based research trial.

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>