



Australian Government

Assessment Requirements for AHCBAC512 Develop production plans for crops or pastures

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 6.0.

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 developed and reviewed production plans for crops or pastures on at least two occasions, and has:

- prepared budgets and gross margins
- assessed use of technology to improve efficiency
- assessed environmental and biosecurity risks, and developed controls and procedures
- sourced and interpreted relevant benchmark information
- analysed past production records
- selected crop or pasture species and variety, and determined yield potential for crop or pasture
- assessed proposed land areas for nutrient status
- assessed relevant workplace health and safety procedures.

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:

- market prices, gross margins, cash flow budgets
- cultural practices, characteristics and variability related to crops or pastures
- machinery and equipment requirements for selected crops or pastures
- role of technology in improving efficiency
- relevant workplace health and safety and environmental protection legislation, regulations, codes of practice and workplace procedures
- determinants of crop or pasture yield
- benchmark performance indicators
- models for calculating water efficiency
- disease and pest management selection for relevant crops or pastures

- crop or pasture performance record keeping systems.

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:
 - benchmark yields, past production records and chemical use records
- specifications:
 - workplace health and safety and environmental protection legislation, regulations, codes of practice and workplace procedures applicable to developing crop or pasture production plans
- timeframes:
 - according to the job requirements.

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>