



Australian Government

AHCAGB405 Analyse and interpret production data

Release: 1

AHCAGB405 Analyse and interpret production data

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to collect, analyse, interpret and present data from production activities.

This unit applies to farm supervisors who take responsibility for their own work. They undertake a range of routine and non-routine activities and work in known and changing contexts.

All work must be carried out to comply with workplace procedures, work health and safety legislation and codes.

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

Pre-requisite Unit

Nil

Unit Sector

Agribusiness (AGB)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Collect and organise production data	1.1 Collect and organise production data in a format suitable for analysis and interpretation 1.2 Determine accuracy and relevance of information held by the production unit 1.3 Ensure collection tools and methods of collecting data are reliable

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	and make efficient use of resources 1.4 Use business equipment to access, organise and monitor data 1.5 Update, maintain and store information
2. Analyse and interpret data	2.1 Confirm that objectives to analyse and interpret data are clearly defined and consistent with enterprise requirements 2.2 Use data analysis tools and methods that are reliable and suitable for purpose 2.3 Check assumptions used in analyses are clear, justified and consistent with enterprise objectives 2.4 Check conclusions are supported by evidence and contribute to the achievement of business objectives
3. Present data	3.1 Prepare and report data in an appropriate format, style and structure using appropriate software 3.2 Check structure and format of reports are clear and conform to enterprise requirements 3.3 Present findings of analysis, with conclusions, to work team 3.4 Obtain feedback and comments on suitability and sufficiency of findings

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Oral communication skills	Communicate production data analysis and conclusions to a group
Get the work done	Account for anomalies in data

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCABG405 Analyse and interpret production data	AHCAGB402 Analyse and interpret production data	Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent unit

Links

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

Assessment Requirements for AHCAGB405 Analyse and interpret production data

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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 effectively collected, analysed, interpreted and presented production data with conclusions for one of the following:

- animal production
- livestock products
- crop production
- horticulture production.

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:

- current legislation, industry and enterprise codes of practice and quality assurance procedures that impact on production, such as biosecurity, vegetation and cultural heritage
- enterprise record keeping and data storage practices
- enterprise policies and procedures relating to collection, analysis and maintenance of production data
- methods to collect and analyse data, relevant to the enterprise
- data management systems and methods
- principles of effective report writing
- presentation skills and aids used to report data analysis and conclusions.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computer-based technology and software used to record data in a primary production business
- relationships:
 - interaction with work team.

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

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