Modification history

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

AHCAGB402XX	Analyse and interpret production data
Application	This unit of competency describes the skills and knowledge required to collect, analyse, ~~analyse and~~ interpret and present data from animal production, ~~, crop~~ and crop~~and~~ horticultural production ~~data~~activities.

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

This unit applies to ~~individuals~~ 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 occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Agribusiness (AGB) |

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Collect and organise production data	1.1 Collect and~~,~~ organise ~~and interpret~~ information in a format suitable for analysis and interpretation 1.2 Determine accuracy and relevance of information held by the production unit 1.3 Ensure methods of collecting data are reliable and make efficient use of resources 1.4 Use business equipment to access, organise and monitor data 1.5 Update~~, modify,~~, maintain and store information
2. Analyse and interpret data	2.1 Ensure ~~Define~~ objectives are clearly defined and consistent with enterprise requirements~~of analysis clearly~~ 2.2 Ensure data analysis methods ~~of data analysis~~ are reliable and ~~consistent~~ suitable for purpose 2.3 Ensure assumptions used in analyses are clear, justified and consistent with enterprise objectives 2.4 Ensure 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 ~~suitable business technology~~appropriate software 3.2 Ensure structure and format of reports are clear and conform to enterprise requirements 3.3 Present findings of analysis, with conclusions, to work team 3.3 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	• Presentation skills to effectively communicate production data analysis and conclusions to a group
Get the work done	• Account for anomalies in data
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Range Of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCABG402XX 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.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72

TITLE	Assessment requirements for AHCABG402 Analyse and interpret production data

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 ~~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.~~
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- livestock products
- crop production
- horticulture production.

~~The candidate must provide evidence that they can:~~
- ~~collect and organise production data~~
- ~~use business equipment~~
- ~~assess data accuracy~~
- ~~analyse and interpret data~~
- ~~present data with conclusions.~~

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:

~~The candidate must demonstrate knowledge of:~~
- ~~relevant~~current legislation, industry and enterprise codes of practice and quality assurance procedures that impact on production
- 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 ~~production~~ data, relevant to the enterprise
- data management systems and methods
- principles of effective report writing ~~and data~~
- 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 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.

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

~~Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.~~

~~Assessors must satisfy current standards for RTOs.~~

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

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