



Australian Government

Department of Education, Employment and Workplace Relations

AHCAGB402A Analyse and interpret production data

Release: 1

AHCAGB402A Analyse and interpret production data

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the analysis and interpretation of production data and defines the standard required to: collect and organise data; analyse and interpret data; present data with conclusions.
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Application of the Unit

Application of the unit	This unit applies to farm supervisors who collect and use data from animal production, crop and horticultural production activities.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Collect and organise production data	<p>1.1.Information is collected and organised in a format suitable for analysis and interpretation in accordance with enterprise requirements.</p> <p>1.2.Information held by the production unit is assessed for accuracy and relevance in line with enterprise requirements.</p> <p>1.3.Methods of collecting data are reliable and make efficient use of resources in accordance with organisational requirements.</p> <p>1.4.Business equipment is used to access, organise and monitor data in accordance with organisational requirements.</p> <p>1.5.Information is updated, modified, maintained and stored in accordance with organisational requirements.</p>
2. Analyse and interpret data	<p>2.1.Objectives of analysis are clearly defined and consistent with enterprise requirements.</p> <p>2.2.Methods of data analysis are reliable and suitable to research purposes.</p> <p>2.3.Assumptions used in analyses are clear, justified and consistent with enterprise objectives.</p> <p>2.4.Conclusions are supported by evidence and contribute to the achievement of business objectives.</p>
3. Present data	<p>3.1.Data are prepared in an appropriate format, style and structure using suitable business technology.</p> <p>3.2.Structure and format of reports are clear and conform to enterprise requirements.</p> <p>3.3.Findings are reported and distributed in accordance with enterprise requirements.</p> <p>3.4.Feedback and comments on suitability and sufficiency of findings is obtained in accordance with enterprise requirements.</p>

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

REQUIRED SKILLS AND KNOWLEDGE**Required skills**

- collect and organise production data
- analyse and interpret data
- present data
- use literacy skills to read, interpret and follow organisational policies and procedures, develop sequenced written instructions, record accurately and legibly information collected and select and apply procedures to a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views
- use numeracy skills to estimate, calculate and record routine and more complex workplace measures and data
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- the relevant legislation, industry and enterprise codes of practice and quality assurance procedures that impact on intensive production
- knowledge of enterprise record keeping and recording practices
- knowledge of enterprise policies and procedures relating to collection, analysis and maintenance of production data
- methods to collect and analyse production data
- data management systems and methods
- business equipment
- principles of report writing and data presentation.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	<p>The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:</p> <ul style="list-style-type: none"> • collect and organise data • analyse and interpret data • present data with conclusions.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Data may include:	<ul style="list-style-type: none"> • information based on feedback on results • review of previous data and production figures • peer review • data sampling • statistical analysis.

Unit Sector(s)

Unit sector	Agribusiness
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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