

## APPLY KNOWLEDGE OF AGRIBUSINESS MANAGEMENT

**UNIT CODE: 0811 441 22A**

**TVET CDACC UNIT CODE: HE/OS/AHP/CC/22/5/MA**

### UNIT DESCRIPTION:

This unit specifies the competencies required by an animal health technician to apply knowledge of agribusiness. It involves applying knowledge of agribusiness, applying farm planning and budgeting, evaluating farm records and accounting cycle, preparing trial balance, income statement, maintaining farm inventory, and determining cost estimation and tendering knowledge.

### ELEMENTS AND PERFORMANCE CRITERIA

| <b>ELEMENT</b>                                                     | <b>PERFORMANCE CRITERIA</b>                                                                                                                                                                                                                                                                                                                                      |
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| These describe the key outcomes, which make up workplace function. | These assessable statements specify the required level of performance for each element.<br><i><b>Bold and italicized terms are elaborated in the range.</b></i>                                                                                                                                                                                                  |
| 1. Apply knowledge of agribusiness                                 | 1.1 Agribusiness knowledge in livestock enterprises is applied as per work place requirement<br>1.2 Economic principles of agribusiness in animal production are applied as per work requirement<br>1.3 <i><b>Factors of production</b></i> are applied as per work requirement<br>1.4 <i><b>Risks in production</b></i> are managed as per work place procedure |
| 2. Apply knowledge of farm planning and budgeting                  | 2.1 Land, labour and capital resources are planned as per work place requirement<br>2.2 Farm budgeting is carried out as per work place requirement<br>2.3 Steps in farm planning are applied as per work requirement                                                                                                                                            |
| 3. Evaluate farm records and accounting cycle                      | 3.1 Types of farm records are identified and applied in accordance with job requirement.<br>3.2 Steps in accounting cycle are identified and applied in accordance with job requirement<br>3.3 Major accounts are determined and applied as per work requirement<br>3.4 Journal entry is carried out as per work requirement                                     |

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| 4. Prepare trial balance, income statement           | 4.1. Trial balance is prepared as per work requirement<br>4.2. Income statement is prepared as per work requirement<br>4.3. Balance sheet is prepared as per work requirement                                                                                           |
| 5. Maintain farm inventory                           | 5.1. Types of <i>farm inventories</i> are identified and applied in accordance with job requirement.<br>5.2. Farm valuation is carried out as per work requirement<br>5.3. Importance of farm inventory and valuation is determined and applied as per work requirement |
| 6. Determine cost estimation and tendering knowledge | 6.1. Cost estimation is carried out as per work requirement<br>6.2. Types of farm contracts are identified and applied as per workplace procedure<br>6.3 Importance of farm tendering is determined and applied as per workplace procedure                              |

## RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environments and situations that will affect performance.

| Variable                                            | Range                                                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Factors of production include but not limited to | <ul style="list-style-type: none"> <li>• Land</li> <li>• Labor</li> <li>• Capital</li> </ul>                                                                              |
| 2. Risks in production include but not limited to   | <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Financial risk</li> <li>• Human risk</li> <li>• Management risk</li> </ul>                                |
| 3. Farm inventories may include but not limited to: | <ul style="list-style-type: none"> <li>• Livestock inventory</li> <li>• Farm equipment</li> <li>• Farm inputs</li> <li>• Farm machinery</li> <li>• Farm output</li> </ul> |

## REQUIRED SKILLS AND KNOWLEDGE

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

### Required skills

The individual needs to demonstrate the following skills:

- Numeracy skills
- Interpersonal skills
- Organizational skills
- Book keeping skills
- Writing skills
- Computer skills

### Required knowledge

The individual needs to demonstrate knowledge of:

- Farm Accounting
- Farm business management

## EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range.

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| 1. Critical Aspects of Competency | <p>Assessment requires evidence that the candidate:</p> <ul style="list-style-type: none"><li>1.1 Applied agribusiness knowledge in livestock enterprises as per work place requirement</li><li>1.2 Applied economic principles of agribusiness in animal production as per work requirement</li><li>1.3 Applied factors of production as per work requirement</li><li>1.4 Managed risks in production as per work place procedure</li><li>1.5 Planned land, labour and capital resources as per work place requirement</li><li>1.6 Carried out farm budgeting as per work place requirement</li><li>1.7 Applied steps in farm planning as per work requirement</li><li>1.8 Identified and applied types of farm records are in accordance with job requirement.</li><li>1.10 Determined and applied major accounts as per work requirement</li><li>1.11 Carried out journal entry as per work requirement</li></ul> |
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|                                       | <p>1.12 Prepared trial balance as per work requirement</p> <p>1.13 Prepared income statement as per work requirement</p> <p>1.14 Prepared balance sheet as per work requirement</p> <p>1.15 Identified and applied types of farm inventories in accordance with job requirement.</p> <p>1.16 Carried out farm valuation as per work requirement</p> <p>1.17 Carried out cost estimation as per work requirement</p> <p>1.18 Identified and applied types of farm contracts as per workplace procedure</p> |
| 2. Resource Implications              | <p>The following resources must be provided:</p> <p>2.1 Appropriately simulated environment where assessment can take place</p> <p>2.2 Access to relevant work environment</p> <p>2.3 Resources relevant to the proposed activities or tasks</p>                                                                                                                                                                                                                                                          |
| 3. Methods of Assessment              | <p>Competency may be assessed through:</p> <ul style="list-style-type: none"> <li>● Practical</li> <li>● Project</li> <li>● Written tests</li> <li>● Third party report</li> <li>● Portfolio of evidence</li> <li>● Oral questions</li> </ul>                                                                                                                                                                                                                                                             |
| 3 Context of Assessment               | <p>Competency may be assessed in a:</p> <p>Workplace or simulated workplace</p>                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4 Guidance information for assessment | <p>Holistic assessment with other units relevant to the industry sector, workplace and job roles is recommended.</p>                                                                                                                                                                                                                                                                                                                                                                                      |