



SAQA ID 48979
NATIONAL
CERTIFICATE

Animal Production
NQF Level 4
140 Credits | 12 Months

Purpose & Rationale of the Qualification

PURPOSE

The purpose of this qualification is to allow Supervisors to progress towards a Junior Farm Manager position with specific reference to Animal Production.

Qualified learners will be able to:

- ✓ Manage Supervisors and working teams, performing the agricultural processes as applicable to animal production in a range of Animal Production taking responsibility for the quality and quantity of outputs.
- ✓ Take complete responsibility for her/his own actions and take responsibility for supervising others at lower levels within an Animal Production context under broad guidance and evaluation.
- ✓ Gain competency in any of the specialized sub-fields of Animal Production as specified under Areas of Specialization (i.e., small stock, Large Stock, Dairy Production, Aqua Culture, etc.) with a strong focus on management.
- ✓ Take responsible decisions within a wide range based on a sound understanding of the basic principles of agri-business and good agricultural practices.
- ✓ Oversee the implementation of a wide range of procedures and will be able to ensure the relevant safety, quality, hygiene, and technical standards as applicable within the industry.
- ✓ Extend learning and practice into other sub-fields such as Plant Production and Mixed Farming.
- ✓ Progress towards higher levels of Management and Technical production practices as defined by qualifications at the next level.
- ✓ Guide and direct others in terms of the planning, implementation, and control of development projects within an Animal Production context.

RATIONALE

The learner will engage in farm management and operational activities relevant to Animal Production. Requests and expressions of need for this qualification, coming from the broad, but also specific farming communities (Animal Production) forms the basis for the development of this qualification.

This qualification will form the basis for learners to extend their learning into more specialised areas of animal production and provides the basis of the establishment of sustainable farming operations through the inclusion of a wide spectrum of competencies required by farmers in South Africa.

Purpose & Rationale of the Qualification

Whilst technical production orientated competencies are ensured, other aspects such as agri-business and good agricultural practices are included in the range of competencies required by farmers in order to enable them to strive towards agricultural management standards and practices at higher levels.

LEARNING ASSUMED TO BE IN PLACE:

Entry Requirements:

A learner entering a programme leading to this qualification has achieved numeracy, literacy and communication equivalent to NQF 2 and technical skills pertaining to agricultural activities equivalent to NQF 3.

RECOGNITION OF PRIOR LEARNING (RPL)

This qualification may be achieved in part or in whole through the recognition of prior learning. Credit will be given to learning, which has already been acquired, through the appropriate process of assessment.

For example:

- Learner who have acquired skills and competencies in this qualification through for instance experience in the industry will be assessed against the unit standards the qualification comprises of prior to entering learning. Credits will be allocated to those unit standards and exit level outcomes in which the learner is found competent. The outstanding unit standards will then be sequenced according to an appropriate learning programme.
- Should a new entrant into the industry wish to enter this learning programme, recognition will be given to all appropriate learning acquired through the schooling system.
- In terms of fundamental unit standards, competencies could be acquired through life experience.

ARTICULATION OPTIONS:

A learner will be able to progress horizontally from one category to another, namely small stock, large stock or pig production, etc. (Please refer to the list mentioned under "Areas of Specialisation") He/she will be able to do this without re-doing the whole qualification, but by only completing the necessary elective unit standards.

Horizontal Progression:

- National Certificate in Plant Production – NQF4

This qualification allows access to the agricultural sector and gives access to the relevant agricultural qualification at NQF 5, namely:

- National Certificate in Animal Production – NQF 5

In terms of competencies, the learner will progress from farming operation skills to basic managerial skills to managerial skills. The scope of practice will also increase.

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The learner will be able to articulate with other occupations within the agricultural pharmaceutical operations such as laboratory assistant, assistance in the marketing and selling of agricultural pharmaceutical products and fertilisers.

The learner will also be able to move to the secondary agricultural field.

EXIT LEVEL OUTCOMES

Exit Level Outcomes are divided into five categories of competencies, namely:

- Fundamental Competencies.
- Agri-business
- Good Agricultural Practices
- Plant Production
- Animal Production

Minimum Credits: 140

Unit Standards

Learning Programme 1

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|--|-----------|---------------|
| 119472 | Accommodate audience and context needs in oral/signed communication | 4 | 5 |
| 119466 | Interpret a variety of literary texts | 4 | 5 |
| 119457 | Interpret and use information from texts | 4 | 5 |
| 119469 | Read/view, analyse and respond to a variety of texts | 4 | 5 |
| 119471 | Use language and communication in occupational learning programmes | 4 | 5 |
| 119465 | Write/present/sign texts for a range of communicative contexts | 4 | 5 |
| 119462 | Engage in sustained oral/signed communication and evaluate spoken/signed texts | 4 | 5 |
| 119469 | Read/view, analyse and respond to a variety of texts | 4 | 5 |
| 119471 | Use language and communication in occupational learning programmes | 4 | 5 |

Total Number of Credits: 45

Learning Programme 2

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|--|-----------|---------------|
| 116312 | Implement a data collection plan | 4 | 4 |
| 12417 | Measure, estimate & calculate physical quantities & explore, critique & prove geometrical relationships in 2 and 3 dimensional space in the life and workplace of adult with increasing responsibilities | 4 | 4 |
| 116320 | Plan and maintain environmentally sound agricultural processes | 4 | 8 |
| 7468 | Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues | 4 | 6 |

Total Number of Credits: 22

Unit Standards

Learning Programme 3

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|--|-----------|---------------|
| 116318 | Plan and maintain breeding systems | 4 | 3 |
| 116319 | Prepare a whole farm budget and establish a proper intergrated information system for an agri-business | 4 | 3 |
| 116322 | Manages water quality parameter | 4 | 3 |
| 116304 | Manage agricultural export logistics | 4 | 4 |
| 116321 | Procure and manage agricultural input | 4 | 3 |

Total Number of Credits: 16

Learning Programme 4

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|---|-----------|---------------|
| 116300 | Apply procedures to manage damage control in animals and victims | 4 | 2 |
| 116302 | Assume co-responsibility and participation in human resource management | 4 | 3 |
| 116303 | Implement a natural resource a management plan | 4 | 3 |

Total Number of Credits: 8

Learning Programme 5

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|--|-----------|---------------|
| 116290 | Establish a plan for the monitoring, safe use and maintenance of equipment implements, technology and infrastructure | 4 | 3 |
| 116293 | Evaluate, adjust and implement factors influencing agricultural enterprises | 4 | 3 |
| 116288 | Execute sustainable resource use and quality control | 4 | 3 |

Total Number of Credits: 9

LEARNING PROGRAMMES

Unit Standards

Learning Programme 6

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|---|-----------|---------------|
| 116281 | Explain animal classification and natural history | 4 | 2 |
| 116285 | Explain functional animal anatomy and physiology | 4 | 3 |
| 116282 | Explain intermediate animal nutrition | 4 | 4 |
| 116286 | Give an overview of the industry structure | 4 | 2 |

Total Number of Credits: 11

Learning Programme 7

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|--|-----------|---------------|
| 116278 | Implement a food safety and quality management system in the agricultural supply chain | 4 | 3 |
| 116308 | Implement animal health and bio-security programs | 4 | 3 |
| 116309 | Implement intergrated farm layout and site selection | 4 | 3 |
| 116310 | Implement dairy production operations | 4 | 6 |

Total Number of Credits: 15

Learning Programme 8

| UNIT STANDARD | UNIT STANDARD TITLE | NQF Level | No of credits |
|---------------|---|-----------|---------------|
| 116307 | Manage the quality of the harvesting of animal products | 4 | 3 |
| 116291 | Participate in the development and management of an agri business plan | 4 | 3 |
| 116684 | Participate in the development and management of an agricultural marketing plan | 4 | 3 |
| 116315 | Recognise agri/ecotourism within the strategic environment | 4 | 5 |

Total Number of Credits: 14



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