



# AGRICULTURE



## NATIONAL CERTIFICATE: MIXED FARMING SYSTEMS

### COURSE INFORMATION

**SAQA ID:** 48971

**NQF Level:** 1

**Learnership Duration:** 12 months

**Credits:** 125

**Contact Sessions:** Minimum Contact Session, including remediation (if required) and Portfolio Building, for this Qualification is 25 days.

**Accrediting SETA:** Agriculture Sector Education & Training Authority

### COURSE INFORMATION

- **Mentor Requirements:** Mentor must have at least 3 years' experience in the Farming Industry.
- **Workplace Approval:** Not applicable.
- **Workplace Requirements:** Learners must be exposed to all outcomes related to this qualification.

### PURPOSE

The purpose of this qualification is to allow new entrants access to the primary agricultural sector with specific reference to Mixed Farming Systems.


### SKILLS OUTCOMES

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

### ENTRY CRITERIA


- Communication at AET Level 3
- Mathematical Literacy at AET Level 3
- Literacy at AET Level 3

### GENERAL INFORMATION

 **Credit Accumulation Transfer (CAT):** CAT exemption is only applicable to approved learners. Approved learners will have reduced contact days. Learners who do not meet the CAT requirements will be required to complete part 1 and part 2 of every cluster.


### QUALIFICATION RULES

- standards and a minimum of 120 credits is required to complete the qualification:
- Core unit standards totaling 64 credits are compulsory.
- Fundamental unit standards totaling 45 credits are compulsory.
- Elective unit standards totaling a minimum of 11 credits.

 **FISA Requirements:** Final Integrated Summative Assessment is not requirement for the successful completion of this learnership.

### EQUIPMENT NEEDED


- General Farming Equipment

 **Recognition of Prior Learning (RPL):** RPL is not available for this qualification.

### MARKET INFORMATION

**Target Market:** Individuals in or looking towards a career in agriculture

**Target Industries:** Agriculture

 **Training Methodology:** This learnership is not available on UHub



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## Unit Standards

### CLUSTER 1 (PART 1) – ORIENTATION TO THE AGRICULTURE BUSINESS

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Core	116166	Apply basic food safety practices	1
Core	116158	Apply basic agricultural enterprise selection principles	2

- Recommended training days for Cluster 1 (part 1) is 1 day

### CLUSTER 1 (PART 2) - ORIENTATION TO THE AGRICULTURE BUSINESS – CREDIT ACCUMULATION TRANSFER IS APPLICABLE TO THE UNIT STANDARDS BELOW

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Fundamental	12470	Write for a variety of different purposes	6
Fundamental	12471	Explore and use a variety of strategies to learn (revised)	5
Fundamental	12462	Engage in a range of speaking and listening interactions for a variety of purposes	6
Fundamental	12469	Read and respond to a range of text types	6

- Recommended training days for Cluster 1 (part 2) is 4 days

### CLUSTER 2 (PART 1) - APPLY QUALITY STANDARDS AND PROCEDURES IN AGRICULTURAL PRACTICES

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Core	116159	Identify the need for capital and understand the need for the recording of the income and different costs in an agri-business	2
Core	116164	Demonstrate an understanding of the importance of marketing	2
Core	116168	Maintain basic water quality	1
Core	116167	Select, use and care for hand tools and basic equipment and infrastructure	4
Core	116169	Understand how sustainable farming systems conserve natural resources	4
Elective	116149	Understand organic market requirement	3

- Recommended training days for Cluster 2 (part 1) is 3 days

### CLUSTER 2 (PART 2) - APPLY QUALITY STANDARDS AND PROCEDURES IN AGRICULTURAL PRACTICES – CREDIT ACCUMULATION TRANSFER IS APPLICABLE TO THE UNIT STANDARDS BELOW

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Fundamental	7451	Collect, analyse, use and communicate numerical data	2

- Recommended training days for Cluster 2 (part 2) is 1 day



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## Unit Standards

### CLUSTER 3 (PART 1) - PRODUCTION PROCESS IN AGRICULTURE

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Core	116191	Apply standard animal feeding procedures	6
Core	116165	Define production and understand the basic activities of production / conversion in the agri-business environment	2
Core	116172	Apply elementary farm layout and infrastructure	2
Elective	116209	Demonstrate an understanding of agri/ecotourism as a system at micro level	5

■ Recommended training days for Cluster 3 (part 1) is 3 days

### CLUSTER 3 (PART 2) - PRODUCTION PROCESS IN AGRICULTURE – CREDIT ACCUMULATION TRANSFER IS APPLICABLE TO THE HIGHLIGHTED UNIT STANDARDS BELOW

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Fundamental	116157	Demonstrate an understanding of the basic concepts of sustainable farming systems	4
Fundamental	7463	Describe and represent objects and the environment in terms of shape, space, time and motion	2

■ Recommended training days for Cluster 3 (part 2) is 1 day

### CLUSTER 4 (PART 1) - MANAGE RESOURCES AND ACTIVITIES FOR PRODUCTION IN AGRICULTURAL ENVIRONMENT

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Core	116160	Apply basic human resource management principles and practices applicable in an agricultural environment	2
Core	116206	Fertilise soil and attend to basic plant nutrition	5
Core	116163	Handle inputs and stock in agri-business	2
Core	116201	Harvest agricultural crops	5
Core	116204	Recognise pests, diseases and weeds on crops	5
Core	116200	Plant the crop under supervision	4
Core	116203	Manipulate plants	5

■ Recommended training days for Cluster 4 (part 1) is 6 days

### CLUSTER 4 (PART 2) - MANAGE RESOURCES AND ACTIVITIES FOR PRODUCTION IN AGRICULTURAL ENVIRONMENT – CREDIT ACCUMULATION TRANSFER IS APPLICABLE TO THE UNIT STANDARDS BELOW

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Fundamental	7461	Use maps to access and communicate information concerning routes, location and direction	1
Fundamental	116156	Collect agricultural data	2
Fundamental	7447	Working with numbers in various contexts	6

■ Recommended training days for Cluster 4 (part 2) is 1 day



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## CLUSTER 5 – (PART 1) - MANAGE RESOURCES AND ACTIVITIES FOR ANIMAL PRODUCTION IN AGRICULTURE

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Core	116198	Harvest animal products	5
Core	116197	Observe and handle animals	5
Elective	116643	Administer livestock processing treatments	8

- Recommended training days for Cluster 4 (part 2) is 4 days

## CLUSTER 5 (PART 2) - MANAGE RESOURCES AND ACTIVITIES FOR ANIMAL PRODUCTION IN AGRICULTURE – CREDIT ACCUMULATION TRANSFER IS APPLICABLE TO THE UNIT STANDARDS BELOW

OUTCOME	SAQA ID	NAME OF UNIT STANDARD	CREDITS
Fundamental	7449	Critically analyse how mathematics is used in social, political and economic relations	2
Fundamental	7464	Analyse cultural products and processes as representations of shape, space and time	2
Fundamental	14084	Demonstrate an understanding of and use the numbering system	1

- Recommended training days for Cluster 5 (part 2) is 1 day