



NATIONAL CERTIFICATE: PLANT PRODUCTION

NQF



2

SAQA



48975

TRAINING DAYS



26

DURATION



12 months

CREDITS



120

SETA



AGRI-SETA

AVAILABLE DELIVERY METHODOLOGY

Online

This is not available online.

Instructor Led

100% Trainer led methodology in order for learners to achieve applied competence

Blended

Variety of learning methodologies used for learners to achieve applied competence

PURPOSE

The purpose of this qualification is to allow junior personnel and elected candidates to progress towards a position of farm labourers (operators) with specific reference to Plant Production.

Rules regarding Fundamental, Core and Electives:

- Fundamental standards totalling 42 credits.
- Core unit standards totalling 72 credits.
- Elective unit standards totalling 6 credits.

ENTRY CRITERIA

- Numeracy, Literacy and Communication at NQF Level 1 or equivalent.
- Technical skills pertaining to agricultural activities equivalent to NQF 1.

SKILLS OUTCOMES

- Identify the basic structures and functions of a plant.
- Soil is prepared according to the requirements of the crop.
- Propagate plants.
- Recognise common insects, disease symptoms and weeds and apply basic control measures.
- Apply agrochemical products in a safe, effective and responsible manner with consideration to the environment.
- Plant a range of crops and monitor the correct establishment of crops as well as ensuring that planting is placed and spaced as required.
- Manipulate plants by applying a narrow range of techniques.
- Harvest crops.

MARKET INFORMATION

Target Market: Individuals in or looking towards to a career in agriculture.

Target Industries: Agricultural.

RESOURCE REQUIREMENTS

- General Farming Equipment
- Fauna and flora in a specific area
- Farming implements
- Water quality test equipment
- Crop protection, health products and agrochemical products
- Pest control, diseases and weed control product
- Harvesting equipment

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 with CAT requirements will need to complete all Clusters in full.	FISA Requirements: Final Integrated Summative Assessment is a requirement for the successful completion of this learnership.	Recognition of Prior Learning: RPL is not available for this qualification.
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For more information on how your organisation can benefit, contact Training Force:

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AGRICULTURE

Cluster 1 Part 1 - Orientation to Plant production

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	116053	Understand basic soil fertility and plant nutrition.	5
Core	116115	Define and understand production systems and production management.	2
Core	116057	Understand the structure and functions of a plant.	5

Recommended training days for Cluster 1 part 1 is 2 days.

Cluster 1 Part 2 - Orientation to Plant Production - Credit Accumulation Transfer is applicable to the unit standards below:

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	8962	Maintain and adapt oral communication.	5
Fundamental	8967	Use language and communication in occupational learning programmes.	5
Fundamental	8964	Write for a defined context.	5
Fundamental	116064	Recognise and identify the basic functions of the ecological environment.	4

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	116125	Apply crop protection and animal health products effectively and responsibly.	4
Core	116070	Operate and support a food safety and quality management system in the agricultural supply chain.	2
Core	116081	Identify and recognise factors influencing agricultural enterprise selection.	2
Core	116126	Apply marketing principles in agriculture.	2
Core	116124	Control pests, diseases and weeds on all crops effectively and responsibly.	2
Core	116111	Harvest agricultural crops: Procedures.	4
Core	116077	Monitor water quality.	3
Core	116060	Utilise and perform minor repair and maintenance tasks on implements, equipment and infrastructure.	5

Recommended training days for Cluster 2 part 1 is 5 days.



AGRICULTURE

Cluster 2 Part 2 - Apply quality standards and procedures in Plant Production – Credit Accumulation Transfer is applicable to the unit standards below:

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	8963	Access and use information from texts.	5

Recommended training days for Cluster 2 part 2 is 1 day.

Cluster 3 Part 1 - Plant process

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	116128	Apply plant manipulation methods.	4
Core	116066	Operate and maintain specific irrigation systems.	3
Core	116121	Apply sustainable farming practices to conserve the ecological environment.	5
Core	116119	Demonstrate an understanding of plant propagation.	3
Core	116079	Monitor the establishment of a crop.	4
Elective	116076	Introduce organic certification and internal control systems.	4
Elective	116109	Interpret and illustrate permaculture principles.	5

Recommended training days for Cluster 3 part 1 is 5 days.

Cluster 3 Part 2 - Plant Process - Credit Accumulation Transfer is applicable to the unit standards below:

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	116080	Monitor, collect and collate agricultural data.	2
Fundamental	12444	Measure, estimate and calculate physical quantities and explore, describe and represent geometrical relationships in 2-dimensions in different life or workplace contexts.	3
Fundamental	9009	Administer livestock procApply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problemsessing treatments.	3

Recommended training days for Cluster 3 part 2 is 2 days.



AGRICULTURE

Cluster 4 Part 1 - Compliance and calculation in Plant production

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	116122	Control inputs and stock in agribusiness.	2
Core	116083	Illustrate and understand the basic layout of financial statements.	2
Core	13356	Assess the influence of the environment on sustainable livestock production.	4
Core	116127	Apply layout principles for conversation and infrastructure.	5

Recommended training days for Cluster 4 part 1 is 3 days.

Cluster 4 Part 2 - Compliance and calculation in Plant Production - Credit accumulation transfer is applicable to the unit standards below:

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	7480	Demonstrate understanding of rational and irrational numbers and number systems.	3
Fundamental	9007	Work with a range of patterns and functions and solve problems.	5

Recommended training days for Cluster 4 part 2 is 1 day.

Cluster 5 Part 1 - Manage resources and activities for Plant production

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	116113	Explain principles of human resources management and practices in agriculture.	2
Elective	116069	Participate in agri/ecotourism practices at both micro and meso levels to tourists.	4
Elective	116065	Store and control agrochemical products effectively and responsibly.	4

Recommended training days for Cluster 5 part 2 is 2 day.

Cluster 5 Part 2 - Manage resources and activities for Plant production - Credit Accumulation Transfer is applicable to the highlighted unit standards below:

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	7469	Use mathematics to investigate and monitor the financial aspects of personal and community life.	2

Recommended training days for Cluster 5 part 2 is 1 day.