



NQF Level 4 | AgriSETA

Plant Production

Comprehensive management qualification for plant production professionals. Master advanced agricultural management, business planning, and technical expertise for senior leadership roles.

142
Credits

12
Months

NQF 4
Level



Qualification Overview

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This qualification is designed to enable supervisors to progress to manager positions in plant production. The qualification prepares learners to manage supervisors and working teams in agricultural processes while taking full responsibility for the quality and quantity of outputs in plant production operations.

Key Objectives

-  Managing supervisors and coordinating working teams in plant production processes
-  Taking responsibility for quality and quantity of outputs in agricultural operations
-  Gaining competency in specialised plant production sub-fields including vegetables, fruit production, hydroponics, organic production, permaculture, agronomy, and horticulture
-  Making responsible decisions based on agri-business principles and agricultural management practices
-  Overseeing implementation of procedures and ensuring compliance with industry standards
-  Developing advanced management and leadership skills in plant production environments
-  Understanding farm operations across multiple plant production categories
-  Implementing quality control, safety, and environmental management systems
-  Preparing for higher management and technical production practices at NQF Level 5

This qualification positions learners for higher management roles and allows horizontal movement between different plant production sub-fields. It also supports recognition of prior learning and accommodates learners from diverse backgrounds including farm operators, school leavers, and those with practical experience.

Core Competencies

Fundamental Competencies

- Apply communication skills in an agricultural environment
- Apply mathematical calculations within the agricultural environment
- Implement a data collection plan in the agricultural sector
- Plan and maintain environmentally sound agricultural processes by identifying knowledge processes and patterns of the environment in the region, and understanding the limitations of resources and how their management contributes to sustainable interactive agriculture, using environmental indicators

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Agri-business

- Manage stores and agro-inputs in stores
- Implement quality control aspects of an agribusiness
- Demonstrate ability to development of an integrated marketing plan
- Demonstrate the ability to develop an integrated whole farm budget
- Apply principles of human resources management in an agricultural environment
- Participate in the analysis, planning and management of an agri-business
- Describe the historical and current structure of the relevant industry within secondary agriculture
- Evaluate and adjust the enterprise and production processes of animal and crop enterprises

Agricultural Practices

- Implement a management system related to food safety, production practices, as well as demonstrate environmental and social awareness within the agricultural supply chain
- Apply principles to design, prepare and implement basic operational procedures for the maintenance and storage of equipment, implements and infrastructure
- Implement corrective actions to ensure water quality
- Implement a natural resource management plan of the farm in relation to area wide planning

- Maintain the most appropriate land-use on a farm by continuously assessing the natural resource base

Plant Production

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- Explain the different physiological processes involved in the growth and development of the plant
- Establish and supervise the implementation of soil preparation procedures
- Propagate plants in a variety of situations
- Demonstrate an understanding of an integrated pest management system
- Develop a harvesting plan for crops
- Implement a plant manipulation management plan using a broad range of techniques

Minimum Requirements

-  Communication at NQF Level 3
-  Mathematical Literacy at NQF Level 3

Qualification Details

SETA	AgriSETA
NQF Level	Level 4
Credits	142 Credits
Duration	12 Months
SAQA ID	49009

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Career Opportunities

Upon successful completion of this qualification, learners can pursue the following career paths:

- ✓ Junior Farm Manager in plant production
- ✓ Farm Manager overseeing operations
- ✓ Agricultural Supervisor
- ✓ Production Manager
- ✓ Agricultural Operations Coordinator
- ✓ Quality Control Manager
- ✓ Horticultural Farm Foreman

Specialisation Areas:

- Vegetables
- Fruit production
- Hydroponics
- Organic production
- Permaculture
- Agronomy
- Horticulture

Career Progression:

- Progression to NQF Level 5 qualifications
- Senior management positions
- Movement between plant production specialisations
- Leadership in agricultural enterprises
- Farm management expertise
- Transition to Horticultural Farm Foreman certification

Related Qualifications

Explore other AgriSETA qualifications



NQF Level 3

Plant Production

Supervisory level plant production management.



NQF Level 4

Animal Production

Comprehensive livestock and animal management.



NQF Level 2

Mixed Farming

Integrated crop and livestock farming systems.

Master Agricultural Leadership

Achieve comprehensive plant production management expertise and lead agricultural enterprises toward sustainable success.

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