



NC PLANT PRODUCTION NQF 1 (SAQA 48972)

120 Credits

QUALITY ASSURANCE FUNCTIONARY: AgriSETA

Purpose and rationale

This qualification allows learners to extend their learning into more specialised areas of plant 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.

Learning assumed to be in place

Mathematical literacy and communication equivalent to ABET 3.

Modules covered

1 – Foundational Skills

- Explore and use a variety of strategies to learn (SAQA 12471)
- Engage in a range of speaking and listening interactions for a variety of purposes (SAQA 12462)
- Read and respond to a range of text types (SAQA 12469)
- Write for a variety of different purposes (SAQA 12470)
- Critically analyse how mathematics is used in social, political and economic relations (SAQA 7449)
- Demonstrate an understanding of and use the numbering system (SAQA 14084)
- Collect, analyse, use and communicate numerical data (SAQA 7451)
- Analyse cultural products and processes as representations of shape, space and time (SAQA 7464)
- Working with numbers in various contexts (SAQA 7447)
- Describe and represent objects and the environment in terms of shape, space, time and motion (SAQA 7463)

2 – Agri-Business

- Demonstrate an understanding of agri/ecotourism as a system on micro level (SAQA 116209)
- Understand organic market requirements (SAQA 116149)
- Define production and understand the basic activities of production/conversion in the agri-business environment (SAQA 116165)
- Apply basic agricultural enterprise selection principles (SAQA 116158)
- Demonstrate an understanding of the importance of marketing (SAQA 116164)
- Apply basic human resource management principles and practices applicable in an agricultural environment (SAQA 116160)
- Handle inputs and stock in agri-business (SAQA 116163)
- Identify the need for capital and understand the need for the recording of the income and different costs in an agri-business (SAQA 116159)

3 – Agricultural Practices

- Use maps to access and communicate information concerning routes, location and direction (SAQA 7461)
- Assess the influence of the environment on sustainable livestock production (SAQA 13356)
- Collect agricultural data (SAQA 116156)
- Demonstrate an understanding of the basic concepts of sustainable farming systems (SAQA 116157)
- Apply elementary farm layout and infrastructure (SAQA 116172)
- Maintain basic water quality (SAQA 116168)
- Select, use and care for hand tools and basic equipment and infrastructure (SAQA 116167)
- Understand how sustainable farming systems conserve natural resources (SAQA 116169)
- Apply basic food safety practices (SAQA 116166)

4 – Plant Production

- Demonstrate a basic understanding of the structure and function of a plant in relation to its environment (SAQA 116199)
- Fertilise soil and attend to basic plant nutrition (SAQA 116206)
- Plant the crops under supervision (SAQA 116200)
- Propagate plants (SAQA 116205)
- Manipulate plants (SAQA 116203)
- Operate and maintain irrigation systems (SAQA 116202)
- Recognise pests, diseases and weeds on crops (SAQA 116204)
- Harvest agricultural crops (SAQA 116201)
- Perform basic routine operations in a defined hydroponic context (SAQA 116148)