

# PLANT PRODUCTION

## NQF Level 1



**Plant Production:**

**National Certificate: NQF Level 1**

**SAQA ID: 48972**

The purpose of this FET National Certificate programme is to allow new entrants to the Primary Agricultural Sector with specific reference to Plant Production. The aim is to produce learners who are able to participate as part of a working team, performing agricultural processes within the defined context. In addition, competency will be gained in hydroponics, relevant safety, quality, hygiene and technical standards applicable to the agricultural industry. Learners entering this programme will need to have achieved numeracy, literacy and communication equivalent to ABET 3.

## CONTENT

Course content and outcomes include:

### 1. Agri-Business Operations

- Apply basic agricultural enterprise selection principles.
- Define production and understand that basic activities of production / conversion in the agri-business environment.

### 2. Agricultural Practices

- Apply elementary farm layout and infrastructure.
- Select, use and care for hand tools and basic equipment and infrastructure.
- Understand how sustainable farming systems conserve natural resources.

### 3. Plant Production

- Fertilise soil and attend to basic plant nutrition.
- Harvest agricultural crop, plant crops under supervision.
- Recognise pests, diseases and weeds on crops.

### 4. Operational Basics

- Demonstrate an understanding of the basic concepts of a sustainable farming system.
- Operate and maintain irrigation systems.
- Assess the influence of the environment on sustainable livestock production.
- Identify and explain permaculture principles.

*In addition to the modules listed above, there is also Business Communication (17 credits) and Applied Mathematics. (17 credits)*

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