

# PROGRAMME

## A TRAINING COURSE ON

# INTRODUCTION TO SOILS AND SUSTAINABLE CROP PRODUCTION

## Venue:

ARC-Vegetable, Industrial and Medicinal Plants, Roodeplaat

**16-18 July 2024**

## Programme

### Day 1 – Tuesday 16 July 2024

08:30 - 09:00 Arrival and Registration

**09:00 - 12:30 MORNING SESSION – Dr. Garry Paterson**

- Introduction/Welcome
- Soil-forming factors and soil properties
- Soil classification & mapping

**12:30 - 13:30 Lunch Break**

**13:30 - 15:30 AFTERNOON SESSION – Dr. Garry Paterson**

- Land evaluation



### DAY 2 – Wednesday 17 July 2024

**09:00 - 12:30 MORNING SESSION – Dr. Garry Paterson and Mmakgabo Matlou**

- Soil Health
- Introduction to Soil Fertility

**12:30 - 13:00 Lunch Break**

**13:00 - 15:30 AFTERNOON SESSION – Dr. Garry Paterson and Mmakgabo Matlou**

- Soil water properties and Irrigation
- Wetland Soils
- Soil Erosion & Conservation
- Climate Smart Agriculture (Conservation Agriculture, Water Harvesting etc)



### DAY 3 – Thursday 18 July 2024

**09:00 - 12:30 MORNING SESSION – Dr. Garry Paterson and Mmakgabo Matlou**

- Practical Exercises (Soil Classification & Sampling)

**12:30 - 13:00 Lunch Break**

**13:00 - 15:30 AFTERNOON SESSION – Dr. Garry Paterson and Mmakgabo Matlou**

- Wrap Up, Feedback, Questions
- Closure

**RSVP:** Ms Adri Laas  
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#### **Fee:**

The cost is R4000.00 per person (including lunch).  
N.B. There must be a minimum of 10 participants for the course to be presented.

*Please note that this is not an accredited course.*