



SOIL MICROBIOLOGY

COURSE DESCRIPTION & OUTLINE

To give an introduction to soil microbiology

- Introduction
- Definitions
- Types of soil organisms
- Importance and function of microorganisms
- Symbiosis
- Adding organic matter to soil
- Nutrient cycling
- Environmental factors
- Micro-organisms and agriculture

LEARNING OUTCOMES

- Learners will be introduced to the dynamics of soil biota, the importance of different microbial populations, and their influence on crop yields, both positive and negative
- Learners will be sensitised for management practices that can influence the function of microbial populations

WHO SHOULD ATTEND? Teachers, Farmers and Extension Officers

ENTRY REQUIREMENTS: Basic literacy, preferably grade 12

COURSE DURATION: 2 Days

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SCHEDULED DATES: On request

COURSE FEE: R1600 pp

DELIVERY MODE Presentation

BOOKS AND MANUALS: Soil Microbiology Manual