



## NTHRYS WORKSHOPS

# Introduction To Agricultural Microbiology

### 8:45 AM - 10:15 AM: Session 1: Basics of Agricultural Microbiology

Introduction to the role of microorganisms in agriculture.  
Overview of soil microbiology and its impact on crop health.

### 10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Microbial Techniques

Hands-on training on microbial culture techniques and isolation methods.  
Practical session on identifying beneficial and harmful microorganisms.

### 12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Plant-Microbe Interactions

Overview of symbiotic relationships between plants and microbes.  
Practical exercises on nitrogen fixation and mycorrhizal associations.

**2:30 PM - 2:45 PM: Short Break**

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Applications in Crop Protection**

Discussion on the use of microorganisms in pest and disease management.  
Case studies on biocontrol agents and microbial pesticides.

**4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break**

Last networking opportunity with snacks.

**4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption**

Group discussions on implementing new techniques learned today.  
Dialogue on overcoming challenges in adopting new technologies in similar sectors.  
Feedback session and closing remarks.

Certificate Issue

**5:30 PM: Workshop Concludes**