



NTHRYS WORKSHOPS

Sustainable Agriculture With Biotechnology

8:45 AM - 10:15 AM: Session 1: Biofertilizer Production Protocols

Hands-on training on biofertilizer production.
Protocols for developing nitrogen-fixing, phosphate-solubilizing, and potassium-mobilizing biofertilizers.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Biopesticides from Microbial Cultures

Practical session on biopesticide production.
Protocols for cultivating and formulating microbial biopesticides for sustainable pest control.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Organic Farming with Biotechnology

Discussion on integrating biotechnology with organic farming.
Protocols for using biotechnological solutions to enhance crop yields and soil health in organic

systems.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Sustainable Water Management in Agriculture

Practical session on optimizing water use in agriculture.

Protocols for integrating biotechnological solutions like microbial inoculants and algal systems to improve water retention and reduce irrigation needs.

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