



E-WORKSHOP ON QUALITY CONTROL OF ARBUSCULAR MYCORRHIZAL BIOFERTILIZERS

9th April 2021 | 2:00 pm–4:00 pm

BACKGROUND

Arbuscular Mycorrhizal Fungi (AMF) has emerged as vital contributors for sustainable agriculture. They enhance plant nutrition and yield upto 25% and are also known to curtail chemical fertilizer inputs by upto 50%. Owing to such important beneficiary roles and market demand of AMF-based products, quality check (QC) of arbuscular mycorrhizal based biofertilizer's is essentially required by the researchers, industries and regulators to ensure that only quality products enter into the agri-markets.

The Centre for Mycorrhizal Research (CMR) at The Energy and Resources Institute (TERI) has successfully unveiled the World's largest AMF production facility which is well-equipped in know-how's for its quality check.

E-WORKSHOP

This E-workshop aims to impart training on the quality evaluation of AMF-based products to researchers, professionals and consultants working at industries, research institutes, universities and regulatory organizations. The E-workshop will educate and train participants on fundamentals, wet lab protocols, data analyses and report generation for quality evaluation of AMF-based products.

KEY TAKEAWAYS

- Programme designed to provide researchers, professionals and consultants an overview of quality evaluation of AMF-based products
- Demonstration on tools and techniques to identify and address gaps in practices used in QC laboratory that analyze AMF-based products
- Step-wise procedure for data collection and analyses for AMF-based products
- Interactive session on Expert's advice on various regulatory guidelines and challenges
- E-certificates to participants

SESSION 1

Expert Talks and Interactive Session on "Quality control of arbuscular mycorrhizal fungi based products and current perspectives on their policies and regulations in India and Europe"

SESSION 2

Web-based demonstration for quality control analysis of various AMF-based formulations

SESSION 3

Data collection and descriptive analyses for quality control of AMF-based products

EXPERT SPEAKERS



**Dr Gagnesh
Sharma**



**Dr Christian
Hecker**



**Dr Alok
Adholeya**

Wet Lab QC Co-ordinators

- Dr Reena Singh
- Dr Ankit Kumar
- Dr Pushplata Singh

E-Workshop Co-ordinators and Wet Lab Demonstrators

- Dr Shivani Srivastava
- Dr Leena Johny

For registration, please contact us at <DTDRNA@TERI.RES.IN>