

PROGRAM OF THE COURSE ON

“Sampling and evaluation strategies for Arbuscular Mycorrhiza Fungi (AMF)”

**University of Çukurova, Faculty of Agriculture, Department of Soil Science and Plant
Nutrition, Rhizosphere Lab. Adana, Turkey**

August 28, 2023

08.30-10 00 Symbiotic Fungi and Their Functions

Prof. Dr. İbrahim ortaş

10:00-10:15 Coffee Break

10:15-12:30 Mycorrhizae spore and identification

12.30 Lunch

14.00-15.00 Mycorrhizae spore isolation practices

Mert Sönmez. Deniz Çoban, İlknur Şahin and Emin Altıparmak
prepared the lab and samples.

15.00-15:30 Coffee Break

15 30-17 30 Mycorrhizae isolation and Screening- Practical aspect

Mehmet Işık, Veysi Akşahin, Feyzullah Öztürk, Mert Sönmez. Kadir

A. Fentaw. Yassal Khan, Nadia Ali

17 30- 18 00 Evaluation meeting

August 29, 2023.

08 30-09 00. Isolation of AMF spores and definition methodologies

9.00-10:30 Slide preparation and loading mycorrhizae spore lame

10.30-10:45 Coffee break

10:45-12:30 Lecture Continues and Discussion

12.30 Lunch

14.00- 15.30 Practical aspect: Identification and definition

15.30-16:00 Coffee Break

16.00-17:00 Practical methodology for arbuscular mycorrhizal fungi
isolation of AMF spores

Mehmet Işık, Feyzullah Öztürk, Mert Sönmez, İlknur Şahin, Emin

Altıparmak,

17 30- 18 00 Evaluation meeting

August 30, 2023.

9:00-10 30 Isolation of AMF spores and definition

Mert Sönmez, Feyzullah Öztürk, Yassal Khan, İlknur Şahin and Emin Altıparmak

10.40 -12 30 Identification of mycorrhizae spore under microscopy

12:30-13:30 Lunch

13.30- 15.30 Practical aspect: Identification and definition

15.30-16:00 Coffee Break

16.00-17:00 Practical methodology for arbuscular mycorrhizal fungi
isolation of AMF spores

Mehmet Işık, Feyzullah Öztürk, Mert Sönmez, İlknur Şahin, Emin

Altıparmak,

17 30- 18 00 Evaluation meeting

August 30, 2023.

9:00-10 30 Isolation of AMF spores and definition

Veysi Akşahin, Mert Sönmez, Mert Sönmez. Deniz Çoban, İlknur Şahin and Emin
Altıparmak

10.40 -12 30 Identification of mycorrhizae spore under microscopy

12:30-13:30 Lunch

13.30- 15.30 Practical aspect: Identification and definition
15.30-16:00 Coffee Break
16.00-17:00 Practical methodology for arbuscular mycorrhizal fungi
isolation of AMF spores
Mehmet Işık, Feyzullah Öztürk, Mert Sönmez
17.30- 18.00 Evaluation meeting

August 31, 2023.

9:00-10 30 Isolation of AMF spores and definition
Mert Sönmez, Feyzullah Öztürk Mert Sönmez. Deniz Çoban, İlknur Şahin and Emin
Altıparmak
10.40 -12 30 Identification of mycorrhizae spore under microscopy
12:30-13:30 Lunch
13.30- 15.30 Practical aspect: Identification and definition
15.30-16:00 Coffee Break
16.00-17:00 Practical methodology for arbuscular mycorrhizal fungi
isolation of AMF spores
Mehmet Işık, Feyzullah Öztürk, Mert Sönmez, İlknur Şahin, Emin
Altıparmak,
17.30- 18.00 Evaluation meeting

September 01, 2023.

9:00-10 30 Isolation of AMF spores and definition
Mert Sönmez, Feyzullah Öztürk
10.40 -12 30 Identification of mycorrhizae spore under microscopy
12:30-13:30 Lunch
13.30- 15.30 Practical aspect: Identification and definition
15.30-16:00 Coffee Break
16.00-17:00 Practical methodology for arbuscular mycorrhizal fungi
isolation of AMF spores
Mehmet Işık, Feyzullah Öztürk, Mert Sönmez
17.30- 18.00 Evaluation meeting
Distribution of Certificates and Closing Ceremony