

Hyungmin Rho* and Charles M. Rush, Texas A&M AgriLife

Research - Amarillo

The Texas High Plains is characterized by a semi-arid, windy climate, demanding high evapotranspiration for crops. High-tunnel production system in this region provides protection from the detrimental winds and helps reduce water use in growing specialty crops in the area, creating opportunities for regional producers.

11:15 AM – 11:20 AM

Organic and High Tunnel: Convergence and Divergence As System Drivers

Matthew D. Kleinhenz*, The Ohio State University-OARDC

This presentation would highlight scenarios and areas of decision-making in which certified-organic approaches and high tunnel use appear to be mutually reinforcing or at odds within some growers' experiences. Rotation, soil health management, and year-round production and marketing are three examples.

11:20 AM – 11:40 AM

Structured discussions to identify research and outreach priorities and compare them between different regions

11:40 AM – 12:00 PM

Brainstorming for developing collaborative partnerships to address critical issues and key challenges identified during this workshop

How Could Hemp Go in Florida: Early Days of the UF/IFAS Hemp Program

How Could Hemp Go in Florida: Early Days of the UF/IFAS Hemp Program (Poster Board #)

Kentucky State University, College of Agriculture, Food Science, and Sustainable Systems, Frankfort, KY, USA

Description:

In this hands-on demonstration workshop on tissue culture with sterilants, a series of activities are proposed. After a brief overview on tissue culture, three procedures (demonstrations on medium preparation, culture initiation and subculturing) will be demonstrated by the speaker and workshop attendees will have opportunities to participate. After the conclusion of activities, the workshop will be concluded with a discussion session, led by another speaker. The presenter will summarize the activities conducted and present questions to stimulate the discussion.

2:00 PM – 2:15 PM

Overview on Tissue Culture and Medium Sterilant

Teresita D. Amore*, University of Hawai'i at Mānoa

2:15 PM – 2:35 PM

Medium Preparation with Msvip Hot, Initiation of Culture with Sirvip, and Subculturing

Hideka Kobayashi*, Kentucky State University, College of Agriculture, Food Science, and Sustainable Systems

2:35 PM – 3:00 PM

Initiation of Culture with SirVip

Hideka Kobayashi*, Kentucky State University, College of Agriculture, Food Science, and Sustainable Systems

3:00 PM – 3:15 PM

PMSubculturing

Hideka Kobayashi*, Kentucky State University, College of Agriculture, Food Science, and Sustainable Systems

3:15 PM – 3:30 PM

Conclusion and Discussion

Alan H Chambers*, University of Florida TREC

Part 2: Oral Presentations

Zach Brym*, University of Florida

Uses of Vip Medium and Explant Sterilants for Tissue Culture without Autoclave and Laminar Flow *CEU Approved*

Coordinator: Hideka Kobayashi

Kentucky State University, College of Agriculture, Food Science, and Sustainable Systems, Frankfort, KY, USA

Moderator: Hideka Kobayashi

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ORAL PRESENTATIONS