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Tree Seedling Nursery Containers

National Conference on Citrus Nurseries

LINDCOVE RESEARCH AND EXTENSION CENTER,
CALIFORNIA, US
NOVEMBER 19TH - 20TH, 2024

HOSTED BY

NATIONAL CITRUS NURSERY ASSOCIATION (NCNA) &
THE CALIFORNIA CITRUS NURSERY SOCIETY (CCNS)



<https://www.nationalcitrusnursery.com/>
<https://www.ccns.info/>

CONFERENCE - VISALIA

LINDCOVE RESEARCH AND EXTENSION CENTER
22963 CARSON AVE., EXETER, CA 93221

DAY 1 CONFERENCE

Tuesday, November 19th, 2024

7:30 AM Registration and Breakfast.

8:00 AM Heidi Cervantes opens the Meeting, Nate Jameson introduces the National Citrus Nursery Association, and Deborah Pagliaccia presents the USDA Plant Protection Act-PPA 7721 Project.



Session 1. Moderator: Heidi Cervantes

8:30 AM **Generation of An Optimally Attractive Scent For Asian Citrus Psyllid (ACP) Biocontrol.** *Presentation Via Zoom.*

Speaker: Dr. Alexander Aksenov, University of Connecticut

Topic: Developing a novel, low-cost lure device using graphene-based materials to release scent compounds that can attract or repel Asian Citrus Psyllid (ACP). This technology supports an "Attract and Kill" strategy, offering potential applications for integrated pest management (IPM) in citrus nurseries.

9:15 AM **Insect Detection with FlightSensors™: Future Uses in Plant Protection Programs.**

Speaker: Tracy Ellis, VP Customer Success at FarmSense, Inc.

Topic: Utilizing FarmSense's FlightSensor™ for real-time automated insect monitoring to enhance pest detection and management in nurseries.

10:00 AM Break.



Session 2. Moderator: Aaron Dillon

10:30 AM **A Simulation-based Approach To Evaluating Policies For Psyllid Breach Risk.** *Presentation Via Zoom.*

Speaker: Robert Clark, Data Analysis Expert, EcoData Technology

Topic: Presenting a preliminary simulation-based approach to evaluate the molecular diffusion model for citrus nursery pest risk management. Clark will demonstrate how data from greenhouse inspection logs and insect monitoring can be incorporated to validate and refine the model, with insights from his team's expertise in pest management, including Asian Citrus Psyllid.

11:15 AM Controlled Environment Pilot Crop Insurance Program

Speaker: Claire White, Economist at USDA Risk Management Agency

Topic: An in-depth look at the RMA protected culture insurance program and how nurseries can best utilize it as part of their risk management strategy.

12:00 PM Enhancing Budbreak and Citrus Tree Growth in Winter Nurseries

Speaker: Kim Bowman, USDA, Fort Pierce, Florida

Topic: Latest research findings on enhancing budbreak and citrus tree growth in winter nurseries using supplemental LED light.

12:45 PM Lunch [Provided]

**Session 3. Moderator: Michael Frantz**

2:00 PM The Systems Approach to Nursery Certification (SANC) Program. *Zoom Pre-Recorded Video Presentation.*

Speaker: Craig Regelbrugge, AmericanHort

Topic: Discussing a potential national compliance agreement or labeling program for online citrus sales and how nurseries can add value with USDA-certified products. Zoom Pre-Recorded Video Presentation.

2:45 PM Proposed Changes to The Citrus Nursery Stock Protocol

Speaker: Abby R Stilwell, USDA-APHIS

Topic: Updates on proposed revisions to the USDA-APHIS protocols based on public comments and how nurseries can adapt to these new requirements.

3:30 PM Break

**Session 4. Citrus Nursery Industry - Present and Future: Panel Discussion. Moderator: Nate Jameson**

3:20 PM Panel Discussion Topics: Join us for a comprehensive exploration of critical priorities shaping the citrus nursery industry's present and future, as identified in recent NCNA meetings. This panel will address national challenges and opportunities, focusing on regulatory compliance, industry sustainability, enforcement mechanisms, and avenues for diversification and innovation.

5:30 PM CCNS Board of Director Meeting - CCNS Members Only

CONFERENCE TOURS - VISALIA

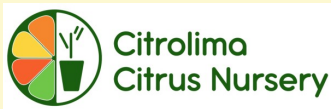
DAY 2 TOUR

Wednesday, November 20th, 7:45 am - 5:30 pm

7:30 AM to 7:45 AM Meet in front of the Visalia Convention Center/Marriott Hotel to load the bus. The bus will depart promptly at 7:45 AM.
300 S Court St, Visalia, CA 93291

8:30 AM to 10:00 AM CITROLIMA CITRUS NURSERY US

41910 Rd 62, Reedley, CA 93654



Citrolima Citrus Nursery, founded in 2022, has rapidly grown into a key player in the citrus nursery industry. With a production capacity of 100,000 trees housed within 60,000 square feet of climate-controlled greenhouse space, the nursery ensures high-quality standards for young citrus plants. The facility also features a specialized 10,000-square-foot screenhouse known as Budwood Under Protective Structure (BUPS), which is exclusively dedicated to producing certified, disease-free budwood. This controlled environment allows Citrolima to maintain stringent health protocols and deliver top-grade citrus stock to growers. Tour by Jose Lima.

10:00 AM Depart for the next location. (Travel time: approx. 30 minutes)

10:30 AM - 12:30 PM TREESOURCE CITRUS NURSERY

34816 Rd 192, Woodlake, CA 93286



TreeSource Citrus Nursery, part of the AC Foods family of companies, is a leading producer of citrus liners and potted citrus trees for farmers. AC Foods operates nearly 20,000 acres of grapes, citrus, blueberries, and tree nuts across California, the Pacific Northwest, and Australia. The company integrates regenerative management practices throughout its operations, working toward a vision of a world where everyone has access to better, healthier food. TreeSource stands out for its innovative approaches, including advanced worker safety protocols, systems management, automation, autonomous robots, climate-controlled greenhouses, chip bud propagation, and biological control methods. In recent years, over 200,000 sq. ft. of new facilities have been added to support these advancements. Tour led by Heidi Cervantes's group.

Visit <https://www.citrustreesource.com/>

12:30 PM Depart for lunch location. (Travel time: approx. 15 minutes)

CONFERENCE TOURS - VISALIA

DAY 2 TOUR

Wednesday, November 20th, 7:45 am – 5:30 pm

12:45 PM – 2:00 PM

LUNCH AT LINDCOVE RESEARCH AND EXTENTION CENTER, LREC [PROVIDED]



During lunch, you'll also have the opportunity to enjoy a **tasting of various citrus varieties**, organized by the LREC and the CCPP team.

22963 Carson Ave, Exeter, CA 93221

2:00 PM to 4:45 PM

LREC CITRUS UNDER PROTECTIVE SCREENS (CUPS) AND CITRUS CLONAL PROTECTION PROGRAM (CCPP) GREENHOUSE FACILITIES

22963 Carson Ave, Exeter, CA 93221 (On-site, no travel required)



The **Lindcove Research and Extension Center (LREC)** fosters research, education, and outreach programs focused primarily on the citrus crop but also has projects on avocado, olive, and walnuts. We support research projects by University of California academics as well as local and regional partners that address critical needs in horticulture, pests, and diseases and breeding new varieties. Tour by Riley Jones (From Philippe Rolshausen's UC Riverside group).



The **Citrus Clonal Protection Program (CCPP)** at UC Riverside is a vital initiative dedicated to protecting and improving citrus varieties in California. Established in 1957 and now part of the National Clean Plant Network, the CCPP collaborates with state and federal agencies and the citrus industry to safely introduce, diagnose, and distribute disease-free citrus varieties. This program ensures that new citrus varieties from around the world can be safely enjoyed by growers and enthusiasts alike. Tour by Georgios Vidalakis, Director of CCPP.

5:00 PM Depart for Visalia Convention Center/Marriott Hotel (Travel time: approx. 30 minutes)

5:30 PM Arrive at Visalia Convention Center/Marriott Hotel and unload the bus.
300 S Court St, Visalia, CA 93291





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