

Citrus Field Day

April 10, 2025 **8:00 am – 1:00 pm**



Thursday
April 10, 2025
8:00 am – 1:00 pm

UF/IFAS SWFREC
2685 SR 29 North
Immokalee, FL 34142

Program is free, but pre-registration is required.

CEUs will be available

For more information:
Email Dr. Mongi Zekri
(maz@ufl.edu)



More Info

[https://swfrec.ifas.ufl.edu/
events/2025-Citrus-Field-Day/](https://swfrec.ifas.ufl.edu/events/2025-Citrus-Field-Day/)

Demonstrations and Presentations on the Following Topics:

- ✓ Citrus under Protective Screen (CUPS)
- ✓ Individual Protective Covers (ICPS)
- ✓ Citrus Rejuvenation
- ✓ Trunk Injection and SAR Inducer Spray
- ✓ Cover Crop and Compost Application
- ✓ AI-enabled Precision Ag Technologies
- ✓ Individual Protective Covers (ICPS) in Entomology
- ✓ Weed Management
- ✓ Payment for Water Services Program
- ✓ Research Update on OTC Injection Costs
- ✓ Citrus Canker Greenhouse Trial

To register: email Dr. Mongi Zekri
(maz@ufl.edu)

Agenda - Citrus Field Day

April 10, 2025 8:00 am - 1:00 pm

8:00 am - Welcome

Welcome - Dr. Mongi Zekri and Dr. Mike Burton
 Overview of Field Trials - Dr. Fernando Alferez and Dr. Jawwad Qureshi

8:30 am - 11:00 am - SWFREC Grove

8:30 am - Travel to grove and 15-minute stops (2.5 hours)

Citrus under Protective Screen (CUPS)— Dr. Fernando Alferez

Show the results of recently applied treatments to Citrus Under Protection (CUPS) for any fresh fruit-CUPS growers. CUPS reduce not only pesticide applications but also water usage.

Individual Protective Covers (IPCS)- brassinosteroid trial—Dr. Fernando Alferez

Show how brassinosteroids applied after IPC removal improve tree growth and seem to have some protective effects against pest and disease. Consistently find less canker lesions and rust mite incidence, to name a couple, in brassinosteroid-treated trees. This may result in pesticide reduction.

Rejuvenation Study—Dr. Fernando Alferez

Rejuvenation study that is showing striking results. A) Trees that were non protected and HLB+ for 1 year, were covered with IPCs and treated with brassinosteroids, and clearly these trees are coming back, and the differences with controls non-treated are clear. B) Trees that are covered after being infected, are growing better, without any insecticide application, just by putting the IPCs on as this avoids reinfection.

Trunk Injection Trials—Dr. Ute Albrecht

Showcase a trial where we are testing alternative antibacterial therapies to be used alone, in combination with, or in rotation with oxytetracycline and delivered by trunk injection to improve growth, fruit yield, and juice quality of HLB (citrus greening) affected trees. An in-field demo will show how to fill the injectors and apply the injections.

Trunk Injection/SAR Inducer Spray Trials—Dr. Ozgur Batuman

Show that when rotating different pesticides for HLB and canker control in the field, we will reduce the reliance on OTC and copper and delay bacterial resistance to development. Showcase our trunk injection and/or SAR inducer spray trials.

Cover Crop and Compost Application Trials—Dr. Sarah Strauss

Discuss how cover crops and compost applications can alter the soil microbiome and potentially impact different aspects of tree health.

AI-enabled Precision Ag Technologies Demonstration—Dr. Yiannis Ampatzidis

Highlight technologies such as Agrovieview, Agrosense, and spraying systems that drive precision citrus management. Showcase practical applications, deployment strategies, and their potential to address critical challenges in citrus management.

Individual Protective Covers (IPCS) Entomology Trials—Dr. Jawwad Qureshi

Pest problems of citrus in the traditional open production systems and their management mainly Asian citrus and how protected systems help protect against the ACP. Others pest infestations in the IPCs.

Weed Management in Citrus Production—Dr. Ramdas Kanissery

Demonstrate the effectiveness of chemical strategies for managing weeds in citrus production. Show how different herbicide combinations control weeds in tree rows or under the tree canopy, with insights on application strategies and outcomes. Showcase application techniques and equipment for managing vegetation.

11:00 am - Travel back to auditorium and break

11:20 am - 1:00 pm - SWFREC Auditorium

11:20 am - Auditorium 20 minutes each (1 hour 40 minutes)

Payment for Water Services Program from Detention Areas—Dr. Sanjay Shukla

Cover the background of payment for environmental services in agriculture, highlighting a successful water storage and treatment payment program implemented in Florida.

Research Update on OTC Injection Costs and Survey Results—Dr. Tara Wade

Research update on OTC injection costs and survey results.

AI-enabled Precision Ag Technologies—Dr. Yiannis Ampatzidis

Demonstrate AI-enabled precision ag technologies. If there is a field component, we might be able to demo some of these technologies.

Sponsor Presentations

Citrus Canker Greenhouse Trial—Dr. Ozgur Batuman

Present data from field demonstrations that showed that when rotating different pesticides for HLB and canker control in the field, we will reduce the reliance on OTC and copper and delay bacterial resistance to development.

IPC Entomology Trials - Dr. Jawwad Qureshi

Pest problems of citrus in the traditional open production systems and their management mainly Asian citrus and how protected systems help protect against the ACP. Other pest infestations in the IPCs

1:00 pm - Adjourn.

12:00 pm - Lunch Break - Thanks to our Sponsors!

Sponsors include **Valent** and **Chemical Containers, Inc.**