Sterile Insect Control of Navel Orangeworm
Session Speakers

Josette Lewis, ABC

Houston Wilson, UC Riverside

Melissa Tesche, Okanagan-Kootenay Sterile Insect Release Program

Neil Morrison, Oxitec

Nathan Moses-Gonzales, M3 Consulting Group
Houston Wilson,
UC Riverside
Melissa Tesche,
Okanagan-Kootenay Sterile Insect Release Program
Oxitec’s 2nd Generation Insect Technology

**TARGETED SUPPRESSION**

**SAFE, NON-TOXIC, NON-ALLERGENIC**

**MALE-ONLY RELEASES** (male mosquitoes do not bite)

**TRACEABLE IN THE FIELD**

**OXITEC’S MALE INSECTS CARRY TWO INTRODUCED GENES**

**MALE-SELECTING SELF-LIMITING GENE**
- Non-toxic, non-allergenic gene product (tTAV protein)
- After Oxitec males mate with wild-type females, the progeny receive a copy of a self-limiting gene that prevents females from developing into adults

**MANUFACTURING**
- Male-only production
- Egg/pupae releases and release devices enabled

**DEPLOYMENT**
- Suppresses target insect population
- Multi-generational suppression potential
- Gene is self-limiting in environment

**MARKER GENE**
- Easy track-and-trace in the field
- Non-toxic, non-allergenic gene product (DsRed2 protein)

Oxitec 2019
Nathan Moses-Gonzales, M3 Consulting Group

Video
Sterile Insect Control of Navel Orangeworm
Upcoming Sessions at 3:30 p.m.

• Incentive Assistance: Help Applying for Grants That Fund On-Farm Practices (Room 1)

• South Korea and Japan: Almonds Make Life Beautiful (Room 2)

• Pest Management Considerations in an Ever-Changing Regulatory Environment (Room 3)
Visit the Exhibit Halls and Participate in the Passport Game

- 3P Partners #2206
- ABC Booth #526
- AC Horn #421
- Ag Spray Equipment #2203
- Bayer CropScience #127
- Best Drayage #2112
- Bird Gard, LLC #1812
- Borrell USA #327
- Cablevey Conveyors #217
- Central Life Sciences #917
- JAX, Inc. #413
- JKB Energy #635
- K·Coe Isom #707
- Lincoln Agribusiness Services #733
- Napasol #2205
- NETZSCH Premier Technologies #218
- Satake #521
- Suterra, LLC #1638
- TOMRA Sorting Solutions #335
- Trécé, Inc #516
- Valent U.S.A. #621
- Westbridge Agricultural Products #1534
- Wilkey Industries #320
- Yara North America #627

The first 500 attendees to turn in a completed passport card to the ABC booth (#526) will receive a hat and will be entered to win one of seven amazing prizes!
Research Poster Session
Wednesday, 4:30 p.m. – 6:00 p.m.
Pavilion & Building D

Featured Topics:
• Soil Quality (e.g., Cover Crops, Composts, Whole Orchard Recycling)
• Pest Management
• Irrigation Management
• Biomass/Co-Products
• Almond Leadership Special Projects (Building D)
Shuttle Schedule

Shuttle service will be provided by The Almond Conference from the downtown hotels to Cal Expo daily.

- Downtown Pickup Location: Hyatt Sacramento Front Drive
- Cal Expo Pickup and Drop-Off Location: Blue Gate

Shuttle Schedule:

- Tuesday, Dec. 10
  - 6:45 a.m. – 6:30 p.m.
- Wednesday, Dec. 11
  - 6:45 a.m. – 6:30 p.m.
- Thursday, Dec. 12
  - 6:45 a.m. – 1:30 p.m.
2019 Research Update

Pick up a copy at the ABC booth #526
Join the Conversation!

Use #AlmondConf to share highlights from The Almond Conference
Dedicated Trade Show Time
4:30 p.m. – 6:00 p.m.

Social Reception Sponsored by:
10 YEARS OF PROGRESS
JOIN THE JOURNEY

It's all there at SustainableAlmondGrowing.org
Join Tonight’s Social Reception

Come and Sample:
ALMOND BROWN ALE

Stop by:
The Almond Board Lounge in Building D.

Sample:
Almond brown ale during the Tuesday and Wednesday receptions.

This almond beverage is the result of a special project from Dominique Camou and Lucas Schmidt in collaboration with Temblor Brewing Company.

Industry members and attendees are welcome to stop by and have a taste.

When:
Tuesday and Wednesday evening reception from 4:30-6:00 p.m.

4:30 p.m. – 6:00 p.m. - Pavilion + Building D
Thank you!