San Joaquin Valley Spray Application Short Course

November 12 - 14, 2019

UC Kearney Agricultural Research and Extension Center
9240 S Riverbend Ave - Parlier, CA 93648

Tuesday, November 12, 2019

Nectarine Room

Moderator: Elizabeth Grafton-Cardwell

10:30 AM  Registration
11:00  Welcome and Introductions—Jeff Dahlberg, Director, Kearney Agricultural Research and Extension Center

11:10  Course Overview and Housekeeping—Peter Ako Larbi, UC ANR CE Specialist, KAREC

11:20  Sprayer Basics: Understanding How Sprayers Work—Peter Ako Larbi, UC ANR CE Specialist, KAREC

12:00 PM  Lunch
1:00  Sprayer Types, Components, and Maintenance—John Roncoroni, Advisor, Cooperative Extension, Napa County

1:30  Nozzle Selection, Maintenance, and the Weather (Drift Management)—Franz Niederholzer, Advisor, UCCE, Colusa County

2:15  Group Discussion: Lessons from the Season—Elizabeth Grafton-Cardwell, Director, Lindcove Research and Extension Center

3:00  Break
3:15  Sprayer Calibration Basics—Peter Ako Larbi, UC ANR CE Specialist, KAREC

4:00  CitrusSprayEx Airblast Sprayer Calibration Demo—Peter Ako Larbi, UC ANR CE Specialist, KAREC

4:15  Quiz 1—Elizabeth Grafton-Cardwell, Director, Lindcove Research and Extension Center

4:30  How to Measure Spray Coverage—Franz Niederholzer, Advisor, Cooperative Extension Colusa County

5:00  Adjourn
Wednesday, November 13, 2019
Field Plots

7:00 AM  Breakfast
8:00  Air-Assisted Sprayer Calibration Demo in a Grape Vineyard—Lynn Wunderlich, Advisor, UCCE Central Sierra, and Peter Ako Larbi, UC ANR CE Specialist, KAREC
10:00  Break
10:20  Air-Assisted Sprayer Calibration Demo in an Almond Orchard—Franz Niederholzer, Advisor, UCCE Colusa County and Peter Ako Larbi, UC ANR CE Specialist, KAREC
12:00 PM  Lunch
1:00  Boom Sprayer Calibration Demo—John Roncoroni, Advisor, UCCE Napa County, and Peter Ako Larbi, UC ANR CE Specialist, KAREC
2:30  Backpack Sprayer Calibration Demo—Peter Ako Larbi, UC ANR CE Specialist, KAREC
3:15  Break
3:30  Weedit Spray Technology Demo—Neil Knaak, Field in Technology
5:00  Adjourn

Thursday, November 14, 2019
Nectarine Room
Moderator: Gabriel Torres

7:00 AM  Breakfast
8:00  Quiz 2—Gabriel Torres, Advisor, UCCE Tulare County
8:15  CitrusSprayEx Airblast Spray Evaluation Demo—Peter Ako Larbi, UC ANR CE Specialist, KAREC
9:00  Aerial Spray Application Techniques, Challenges, and Advances—Rob Scherzinger, Aspen Helicopter and Kevin Meskel, Aspen Helicopter
9:30  Pesticide Efficacy and Resistance—Gabriel Torres, Advisor, UCCE Tulare County
10:00  Break
10:15  Pesticide Safety and Updates on Regulations—Lisa Blecker, Coordinator, Pesticide Safety Education Program and Office of Pesticide Information and Coordination
10:45  Updates on Drone Spraying Regulations—Jose Bueno, CDPR
11:15  Advances in Spray Technology: What is Coming?—Peter Ako Larbi, UC ANR CE Specialist, KAREC
11:45  Evaluation of Selected Advanced Spray Technologies—Peter Ako Larbi, UC ANR CE Specialist, KAREC
12:00 PM  Lunch
1:00  Spray Drift Management Practices for Orchard Air Blast Sprayers—Parry Klassen, Coalition for Urban Rural Environmental Stewardship
1:20  Insecticide Coverage: Comparing Air vs. Ground Application for Tree Nuts—Joel Siegel, USDA Agricultural Research Service
1:40  Quiz 3—Gabriel Torres, Advisor, UCCE Tulare County
2:00  Wrap-Up Discussion—Peter Ako Larbi, UC ANR CE Specialist, KAREC
3:00  Adjourn