



Moving from crisis response to long-term integrated management of SWD: A keystone pest of fruit crops in the United States

USDA National Institute of Food and Agriculture, Specialty Crop Research Initiative

FOURTH ANNUAL MEETING of the SWD SCRI PROJECT TEAM with the ADVISORY BOARD

February 12-13, 2023 (Online via zoom)

MONDAY (February 12): (1:00 – 5:00pm ET/10:00am – 2:00pm PT)

1:00pm ET/10:00am PT – Welcome and Introductions (Ash Sial)

2023 Project Update - Report of research progress (Year 3)

1:10pm ET/10:15am PT – Objective 1: Implementation of best management programs (BMPs) for sustainable management of SWD in collaboration with grower influencers (Objective Leads: Hannah Burrack(MSU) Hannah Levenson (NCSU) and Vaughn Walton (OSU)

1:30pm ET/10:30am PT – Objective 2: Develop economics-based decision aid tools to support the identification and implementation of profit-maximizing SWD management strategies. Objective leads: Karina Gallardo & Tobin Northfield (WSU), Bingyan Dai & Greg Loeb (Cornell University)

2:00pm ET/11:00am PT – Objective 3: Evaluate sustainable alternatives to insecticides for long-term SWD management. Objective leads: Kent Daane (UC Berkeley), Xingeng Wang (USDA ARS) and Cesar Rodriguez-Saona (Rutgers University)

3.1) Biological control (Kent Daane & Xingeng Wang) - 2:00pm ET/11:00am PT

3.2) Behavioral control (Cesar Rodriguez-Saona) - 2:30pm ET/11:30am PT

3:00pm ET/12:00am PT – Objective 4: Assess and reduce the risk of insecticide resistance development. Objective leads: Joanna Chiu & Frank Zalom (UC Davis) and Rufus Isaacs (MSU)

3:30pm ET/12:30pm PT – Objective 5: Develop and disseminate actionable recommendations that enable producers to optimize pest management decisions, and evaluate their impact. Objective leads: Kay Kelsey and Ashfaq Sial (University of Georgia)

5.1) Impact Evaluation (Kay Kelsey)

5.2) Extension and outreach (Ash Sial)

4:00pm ET/1:00pm PT – Stakeholder summaries

i. Experiences with SWD monitoring/management (all growers/stakeholders)

5:00pm ET/2:00pm PT – Adjourn for the day

TUESDAY (February 13): (1:00 – 5:00 pm ET/10:00am – 2:00pm PT)

Projects and Specific Protocols Planned for 2024 (Year 4)

- 1:00pm ET/10:00am PT – Objective 1: Implementation of best management programs (BMPs) for sustainable management of SWD in collaboration with grower influencers (Objective Leads: Hannah Burrack(MSU) and Hannah Levenson (NCSU))
- 2:00pm ET/11:00am PT – Objective 2: Develop economics-based decision aid tools to support the identification and implementation of profit-maximizing SWD management strategies. Objective leads: Karina Gallardo & Tobin Northfield (WSU) and Bingyan Dai & Greg Loeb (Cornell University)
- 2:30pm ET/12:30pm PT – Objective 3: Evaluate sustainable alternatives to insecticides for long-term SWD management. Objective leads: Xingeng Wang (USDA ARS) and Cesar Rodriguez-Saona (Rutgers University)
- 3.1) Biological control (Xingeng Wang)
 - 3.2) Behavioral control (Cesar Rodriguez-Saona)
- 3:00pm ET/11:30am PT – Objective 4: Assess and reduce the risk of insecticide resistance development. Objective leads: Joanna Chiu & Frank Zalom (UC Davis) and Rufus Isaacs (MSU)
- 3:30pm ET/12:00pm PT – Objective 5: Develop and disseminate actionable recommendations that enable producers to optimize pest management decisions, and evaluate their impact. Objective leads: Kay Kelsey and Ashfaq Sial (University of Georgia)
- 5.1) Impact Evaluation (Kay Kelsey)
 - 5.2) Extension and outreach (Ash Sial)
- 4:00pm ET/1:00pm PT – Stakeholder Feedback/Input
- 5:00pm ET/2:00pm PT – Concluding remarks and wrap up (Ash Sial)**

Please join the Spotted-wing Drosophila Specialty Crop Research Initiative for the annual Stakeholder Advisory Board Meeting

Time: Feb 12 & 13, 2023 01:00 PM Eastern Time (US and Canada)

Please click this URL or scan the QR code to register for this event:
https://zoom.us/webinar/register/WN_YwWk-iBvRsWfw6Y--ROVhA



Description: The fourth annual meeting of the SWD SCRI project team will provide updates on the research objectives for year three to the advisory board members and stakeholders. Additionally, projects and protocols for year 4 will be discussed and there will be an opportunity for stakeholders to provide feedback/input on previous protocols as well as upcoming planned protocols. This research is funded by USDA NIFA through the Specialty Crop Research Initiative (SCRI Award No. 2020-51181-32140)

On Day 1 of the fourth annual meeting of the SWD SCRI project team we provide updates on the research objectives for year three to the advisory board members and stakeholders. We will also hear from stakeholders and advisory board members on their experiences this year.

On Day 2 of the fourth annual meeting of the SWD SCRI project team we will discuss projects and protocols for year 3. There will be an opportunity for stakeholders to provide feedback/input on previous protocols as well as upcoming planned protocols.