

Apple Crop Protection Research Review

Confluence Technology Center, Wenatchee

January 23, 2024

Host: WA Tree Fruit Research Commission (WTFRC)

Chair: Teah Smith (WTFRC Board Member)

Washington and Oregon Pesticide Credits pending.

Time	Presenter	Title^	Status#	Year(s)
8:40		Registration		
9:00	Chair	Teah Smith: Welcome		
	Tory	Meeting Etiquette & Housekeeping & General Introduction		
9:15	Tesche	Making sure CM are sterile: A look inside Canadas CM facility		
Project Reports				
		<i>Codling Moth Management</i>		
9:35	Walker	GE of Moth Viruses for Enhanced Insecticidal Efficacy	NCE/CONT	21-23
9:45	Walker	Novel Control of Codling Moth with RNA Interference	CONT	22-24
9:55	Crowder	Assessing Effects of Orchard Management on CM Ecology	CONT	22-24
10:05	Curtiss	Crop Protection Product Efficacy Testing for CM-Laboratory	CONT	23-24
10:15	Nottingham	Quantifying CM Capture, Lure Plume Reach, and Trap Area	CONT	22-24
Break				
		<i>Insect Management/MRL's</i>		
10:50	Schmidt-Jeffris	Tactics to Improve Natural Enemy Releases in Tree Fruit	NCE/FINAL	21-22
11:00	Schmidt	Pesticide Residues of WA Apples	CONT	23-25
11:10	Crowder/Khot	DAS/AWN Data Scientist Funding + DAS update	NCE/FINAL	22
		<i>Soil and Rhizosphere Biology/Fireblight</i>		
11:25	Somera	Assessing Barriers & Benefits of AMF Colonization in Apple	CONT	22-24
11:35	Zhao	Comprehensive Monitoring/Mapping Antibiotics Resistance	NCE/CONT	22-23
11:50	Doty	Phase 3 New Biocontrol Strains Against Fire Blight	NCE/CONT	23-24
Noon	Sabe	Functional Peptides as New Tools for Control of Fire Blight	CONT	23-24
12:10	Santander	New Products for Prevention/Control of Shoot Trauma Blight	CONT	23-24
		<i>Decay Management</i>		
12:20	Amiri	Detect Sources of Patulin in Processed Apple Products	NCE/CONT	21-23
Adjourn @ 12:30pm				

^Titles: some titles have been abbreviated to fit into table, see project reports for full titles

#CONT = continuing project report (10 min), FINAL = final project report (15 min), NCE: no-cost-extension (10 min)

All reports are available for download approximately two weeks prior to the research review from www.treefruitresearch.org. The ZOOM link will be posted prior to the meeting on the website. Final reports will be permanently added to the searchable database (<https://treefruitresearch.org/advanced-search/>) within three months of the research review. Additional inquiries may be addressed to Mackenzie Perrault (Mackenziep@treefruitresearch.com).