

Orchard Pest and Disease Management Conference 2023 Agenda

WEDNESDAY			
	8:00 AM	9:00 AM	Onsite Registration
	9:00 AM	10:00 AM	Opening Business
			BIOLOGY
Abigail Clarke	10:00 AM	10:15 AM	Investigating Host Use of X-disease Vector <i>Colladonus montanus reductus</i>
Betsey Miller	10:15 AM	10:30 AM	hazelnuts
Will Walker	10:30 AM	10:45 AM	Genetic deep-dive towards a better understanding of the biology of <i>Colladonus</i> leafhoppers that transmit X-disease phytoplasma
Rick Hilton	10:45 AM	11:00 AM	Potential Treehopper Vectors of Grapevine Red Blotch Virus in Southern Oregon Vineyards: In Vitro Transmission Testing and the Effect of Groundcover Management
Joshua Reger	11:00 AM	11:15 AM	Getting meta with navel orangeworm: Determining larval diet and with untargeted metabolomics
David Haviland	11:15 AM	11:30 AM	Biology of Native Gray Ant in California Table Grape Vineyards
	11:30 AM	1:00 PM	LUNCH
Robert Orpet	1:00 PM	1:15 PM	The phenology-based pear psylla IPM program, why it's needed, and how it works
David Crowder	1:15 PM	1:30 PM	Linking Pest Phenology and Population Dynamics with the WSU Decision Aid System
			Mating Disruption / SIR
Serhan Mermer	1:30 PM	1:45 PM	the success of low-rate filbertworm pheromone dispensers in hazelnut
Alan Knight	1:45 PM	2:00 PM	Effective Organic CM Management: Areawide MD or Exclusion Netting
Matt Thayer	2:00 PM	2:15 PM	Shaking Up Oriental Fruit Moth with a New Mating Disruption Product in Peaches
Bob Van Steenwyk	2:15 PM	2:30 PM	A New Walnut Husk Fly Aggregation Pheromone
	2:30 PM	3:00 PM	COFFEE
Dylan Tussey	3:00 PM	3:15 PM	Impact of X-ray Irradiation on Survival, Flight, and Mating for Navel Orangeworm and Codling Moth
Dowen Jocson	3:15 PM	3:30 PM	Potential Use of Acoustic Communication for Pear Psylla IPM
Greg krawczyk	3:30 PM	3:45 PM	Recent field challenges with management of codling moth in Pennsylvania
Don Thomson	3:45 PM	4:45 PM	KEYNOTE
	4:45 PM	5:45 PM	ADJOURN
THURSDAY			
			Implementation
Molly Sayles	8:00 AM	8:15 AM	Understanding stakeholder perspectives to increase IPM adoption in pear
Adrian Marshall	8:15 AM	8:30 AM	Establishing Postharvest Cultural Controls for X-Disease Vector Management
Bob Van Steenwyk	8:30 AM	8:45 AM	A New Application Technique to Increase Spray Coverage Using Opposing Synchronized Air-Blast Speed Sprayers
			Thresholds & Monitoring
Elizabeth Beers	8:45 AM	9:00 AM	Errors associated with pheromone trapping of sterile codling moth
Tianna DuPont	9:00 AM	9:15 AM	Psylla and Natural Enemy Thresholds for Integrated Pest Management in Pears
Chuck Burks	9:15 AM	9:30 AM	Monitoring navel orangeworm in tree nuts with or without mating disruption
Chris Adams	9:30 AM	9:45 AM	Using lure-baited monitoring traps to measure natural enemies of pear psylla
Yan Yan	9:45 AM	10:00 AM	Differential catch by height of <i>Euscelidius variegatus</i> on yellow sticky cards in The Dalles OR.
	10:00 AM	10:30 AM	COFFEE
Maggie Freeman	10:30 AM	10:45 AM	Comparing monitoring methods for leafhopper species that vector Cherry X-disease in sweet cherry orchards of Hood River and Wasco counties.
Shailendra	10:45 AM	11:00 AM	Real Time Automated Pest Monitoring with Pseudo-acoustic Sensors -Will you miss sticky cards?
			Biological Control
Rebecca Schmidt-Jeffris	11:00 AM	11:15 AM	Improving insectary-reared natural enemy augmentation efficacy
Aldo Hanel	11:15 AM	11:30 AM	Earwigs provide control of aphids, mites, and pear psylla in pome fruit
	11:30 AM	1:00 PM	LUNCH

	12:00 AM	1:30 AM	LUNCH
Cesar Reyes-Corral	1:00 PM	1:15 PM	Potential Biocontrol Agents for X-Disease Vectors
Gabriel Zilnik	1:15 PM	1:30 PM	Insecticide impact on the pear biological control agent <i>Trechmites insidiosus</i>
Scott Mitchell	1:30 PM	1:45 PM	Beneficial Invertebrate Communities of Cherry Orchards and Associated Habitats in The Dalles, Oregon
Josh Milnes	1:45 PM	2:00 PM	Survey for parasitoids of apple maggot complex (Diptera: Tephritidae) in Washington State
Jeremy Roberts	2:00 PM	2:15 PM	General theory for biopesticide resistance management
Robert Curtiss	2:15 PM	2:30 PM	Insecticide Impacts On Pear <i>Psylla</i> Natural Enemies
	2:30 PM	3:00 PM	COFFEE
			Pathology
Jonathan Puglisi	3:00 PM	3:15 PM	In vitro and in vivo phenotypic characterization of fitness cost in fungicide-resistant <i>Penicillium</i>
Mustafa Jibrin	3:15 PM	3:30 PM	Characterization of Fungal Species Associated with Patulin Contamination of Processed Apple Products in Washington State
Achour Amiri	3:30 PM	3:45 PM	Managing postharvest diseases in organic pome fruit systems: Challenges and current approaches
Tobin Northfield	3:45 PM	4:00 PM	X-disease and Little cherry virus: updates from the LCD Taskforce
			ADJOURN
			Invasive Species
			FRIDAY
Matt Pedersen	8:00 AM	8:15 AM	Biological Control of Aphids in Oregon's Hazelnut Orchards
Gabriella Tait	8:15 AM	8:30 AM	Development and testing of a novel Spotted-Wing <i>Drosophila</i> deterrent
Dylan Beal	8:30 AM	8:45 AM	Adapting IPM Approaches for Spotted Wing <i>Drosophila</i> (<i>Drosophila suzukii</i>) Management to Eastern Washington State
Lisa Neven	8:45 AM	9:00 AM	Using eDNA to play 'Wack-a-Mole' with invasive species in Green Yard Waste.
Jessica Belle	9:00 AM	9:15 AM	Spotted Lanternfly - a potential new pest
			Chemical Control
Adeetje Bouma	9:15 AM	9:30 AM	Monitoring and Management of Filbertworm in Pacific Northwest Hazelnuts
Brent Warneke	9:30 AM	9:45 AM	Efficacy of biological fungicides regimes and an intelligent sprayer on management of grape powdery mildew
David Haviland	9:45 AM	10:00 AM	Evaluation of Hydrogels for Control of Sugar-Feeding Ants in Orchards and Vineyards
Heather Andrews	10:00 AM	10:15 AM	A sticky situation: aphid phenology and control trials in Pacific Northwest hazelnuts
M Thayer	10:15 AM	10:30 AM	Control of Olive Fruit Fly with Organic and Reduced Risk Insecticides
Alan Knight	10:30 AM	10:45 AM	New Organic Spray Programs for Codling Moth
Rodney Cooper	10:45 AM	11:00 AM	Identification of Non-Crop Hosts of Leafhopper Vectors of Cherry X-Disease by Molecular Gut Content Analysis
	11:00 AM	12:00 PM	Business Meeting
			ADJOURN