

2025 CWSS Annual Conference Program Agenda

Hyatt Sacramento, 1209 L Street, Sacramento, CA 95814

January 22-24, 2025

“Meet Us at the Capital”

TUESDAY, JANUARY 21, 2025

7:00am-5:00pm	REGISTRATION AND CEU SIGN-IN/OUT <i>Maryana Schmidt & Vanessa Hernandez, CWSS</i> REGENCY FOYER
4:00pm-9:00 pm	EXHIBITOR SET-UP <i>Josie Hugie, CWSS Director, JJH Solutions LLC</i> REGENCY DEF CORRIDOR

WEDNESDAY, JANUARY 22, 2025

7:00am-5:00pm	EXHIBITS – REGENCY D,E,F CORRIDOR <i>Josie Hugie, CWSS Director, JJH Solutions LLC</i>
7:00am-7:30am	STUDENT POSTER JUDGING – REGENCY FOYER
	ALL Wednesday Sessions will be held in REGENCY A,B,C
7:30-7:35	Welcome to the Conference <i>Joy Hollingsworth, CWSS Vice-President, UCCE Table Grape Advisor</i>
7:35-9:40	SESSION A: WEED SCHOOL: How to Identify Herbicides and Weed Species <i>Chairs: Joy Hollingsworth, UCCE Table Grape Advisor</i>
7:40	Symptomology of Different Modes of Action Herbicides <i>Kassim Al-Khatib, UC Davis</i>
8:05	Weed Species Identification: Does it Matter? <i>Anil Shrestha, Fresno State University</i>
8:40	Herbicide Injury and Weed Species Identification Quiz <i>Joy Hollingsworth, UCCE</i>
9:40-10:00am	Morning Break – Vendor Displays and Poster Viewing – REGENCY D,E,F CORRIDOR
9:40-10:00am	STUDENT POSTER JUDGING – REGENCY CORRIDOR
10:00-12:00pm	SESSION B: STUDENT RESEARCH UPDATES <i>Chair: Thomas Getts, CWSS Director, UCCE</i>
10:00	STUDENT POSTER JUDGING – REGENCY FOYER
10:10	Long Term Effects of Fire Retardants on Ecosystems? <i>Sawyer Claussen - Cal Poly San Luis Obispo</i>
10:30	Rapid Detection of Acetolactate Synthetase Inhibitor Resistant Weeds Utilizing Novel Full-Spectrum Imaging and a Hyperparameter-Tuned Convolutional Neural Network (CNN) <i>Pauline Victoria Estrada – Clovis North High School</i>
10:50	Evaluation of Electrical Weed Control in California Orchards <i>Tong Zhen - UC Davis</i>
11:10	Utilizing Integrated Vegetation Management Techniques to Protect Electric Utility Assets and Provide Ecosystem Benefits at Pine Hill Preserve <i>Hanna Franklin- Sacramento State University and SMUD</i>
11:30	Response of desert-native perennials to inoculum from invasive weeds and native annuals <i>Mayra Hernandez - UC Davis</i>
11:50	STUDENT POSTER JUDGING – REGENCY FOYER
12:00-1:30pm	LUNCH (on your own)
12:00-1:30pm	STUDENT LUNCHEON (by invitation) – SANTA BARBARA ROOM
1:30-3:30pm	SESSION C: GENERAL SESSION: WEED MANAGEMENT IN CALIFORNIA: ECOLOGY TO REGULATIONS <i>Chair: Kristina Madden Valent USA</i>
1:30	Navigating New EPA Pesticide Regulations and Endangered Species Act (ESA) <i>Josie Hugie, JJH Solutions, LLC</i>
2:00	Prescription Adjuvant Recommendations <i>Richard K Zollinger, Ph.D.</i>
2:30	Weed Populations in Reduced Tillage Systems and Management Options <i>Anil Shrestha, Fresno State University</i>
3:00	A Sustainable Future for Pest Management <i>Dr. Karen Morrison, Chief Deputy Director and Science Advisor, DPR</i>

3:30-3:55pm	Afternoon Break - Vendor Displays & Poster Viewing – REGENCY D,E,F
3:55-4:00pm	STUDENT AWARDS – Presented by Thomas Getts, CWSS Director, UCCE
4:00-5:00pm	SESSION D: WHAT'S NEW IN WEED CONTROL <i>Chair: Timothy Verrinder, Helena Agri Enterprises</i>
5:15-6:45pm	CWSS MEMBER RECEPTION (Hors d'oeuvres and no host bar) - REGENCY CORRIDOR D,E,F

THURSDAY, JANUARY 23, 2025

7:00am-5:00pm	REGISTRATION AND CEU SIGN-IN/OUT – REGENCY FOYER <i>Maryana Schmidt & Vanessa Hernandez</i>
7:00am-5:00pm	EXHIBITS AND STUDENT POSTERS – REGENCY FOYER <i>Tom Getts, CWSS Director, UCCE</i>
7:00am-7:30am	Coffee and Pastry Service – REGENCY D,E,F

MORNING CONCURRENT SESSIONS

	REGENCY A		REGENCY B,C
8:00-9:40	SESSION E: AQUATICS <i>Chair: Aspen Kenyon, ClearChannelVM; Stephen Burkholder, Blankinship, a Bowman Company</i>	8:00-9:40	SESSION F: TREE AND VINE <i>Chair: Sara Ohadi, Bayer; Matt Fatino, UC Davis</i>
8:00	Growth and Response of Four Vallisneria Taxa to Aquatic Herbicides <i>Jens Beets, USDA-ARS</i>	8:00	Hulk™ Herbicide with Rinskor™ Active: A New Post Emergent Herbicide for Broadleaf Control in Tree Crops <i>Stacey E. Swanson, Field Scientist, Corteva Agriscience</i>
8:25	Evaluating the Effect of Endothall-Treated Irrigation Water on California Crops <i>Stephen Chang, University of California, Davis</i>	8:25	Weed Management Using Organic Herbicides in Perennial Crops <i>Clebson G. Gonçalves, Diversified Agriculture Advisor, UCCE</i>
8:50	Aquatic Weed NPDES Permit Update <i>Stephen Burkholder, Blankinship, a Bowman Company</i>	8:50	The Effect of Trunk Paint Formulation on Tree Growth and Its Influence on the Risk of Herbicide Injury <i>Ryan Hill, Agronomy and Weed Science Advisor, UCCE</i>
9:15	CDFA Noxious Weed Regulations & Hydrilla Eradication <i>Trevor Fox, CDFA</i>	9:15	Fight Between Cover Crops and Weeds in Almond Orchardbl, a Four-Year Journey! <i>Raksha Kuenen, Senior Agronomist, Bayer Research and Development</i>
9:40-10:00	Morning Break – Vendor Displays & Poster Viewing	9:40-10:00	Morning Break – Vendor Displays & Poster Viewing
10:00-11:40	SESSION G: RICE <i>Chair: Whitney Brim-DeForest, UC ANR; Alex Ceseski</i>	10:00-11:40	SESSION H: ROADSIDES, UTILITIES, AND INDUSTRIAL SITES <i>Chair: Rick Miller, Corteva agrisciences; Lee Wozniak, Target Specialty Products</i>
10:00	Herbicide Resistance Challenges and Characterization of Potential Herbicides in Water-Seeded Rice <i>Aaron Becerra-Alvarez, Oregon State University</i>	10:00	Utility Integrated Vegetation Management- Western Style <i>Eric Brown, Vegetation Management Manager, Sacramento Municipal Utilities District.</i>
10:25	Use Practices of New Herbicides in Program for Weed Control in California Continuous Flood Rice <i>Jimmy Cheetham, Helena Agri-Enterprises, LLC</i>	10:25	Federal Lands & Utility Partnerships, Herbicide Results and Looking to the Future. <i>Hanna Franklin, Sacramento Municipal Utility District & Anne-Marie Patterson, Sierra Integrated Services Inc.</i>
10:50	Dodhylex™ active: A Novel Mode of Action Herbicide Inhibiting Dihydroorotate Dehydrogenase (DHODH) Enzyme for Effective Management of Herbicide-Resistant Grass Weeds Globally <i>Scott Swanson, FMC</i>	10:50	Looking For Bare Ground Results in Tumbleweed Alley: Demo Plots Viewed by Drone <i>Alex Spence, CMO, Allied Weed Control</i>

11:15	Common Cattail Control in Drill-Seeded Rice Systems <i>Deniz Inci, UC Davis</i>	11:15	Stadium Wetland Mitigation Project: Habitat Restoration and Herbicide Application in an Urban-Wetland Interface Setting <i>Erik McCracken, HELIX Environmental Construction Group, Inc.</i>
11:40am-1:00pm CWSS BUSINESS & AWARDS LUNCHEON - REGENCY CORRIDOR D,E,F <i>Kristina Madden, CWSS President, Valent USA</i>			

AFTERNOON CONCURRENT SESSIONS

	REGENCY A		REGENCY B,C
1:10-2:50	SESSION I: TURF AND ORNAMENTAL <i>Chairs: Heidi Burgess, Corteva Agriscience; Karey Windbiel-Rojas, UC IPM</i>	1:10-2:50	SESSION J: AGRONOMY <i>Chairs: Stephen Colbert, Corteva Agriscience; Giuliano Carneiro Galdi, UC ANR</i>
1:10	Weed Control in Landscapes to Maximize Efficiency and Plant Safety <i>Jared Hoyle, Corteva Agriscience</i>	1:10	Changing Trends in Northeastern California Alfalfa Weed Management <i>Rob Wilson, Farm Advisor and Director, ANR Intermountain Research and Extension Center</i>
1:35	Lessons from Data-Driven and Personalized Consumer Lawn Care <i>Maggie Reiter, Sunday</i>	1:35	Weed Control Challenges in Small Grain Crops of the Southern San Joaquin Valley <i>Jorge Angeles, UCCE Weed Management Advisor</i>
2:00	Communicating Herbicides with Non-Professional Audiences <i>Karey Windbiel-Rojas, UC IPM</i>	2:00	Flumioxazin and Pendimethalin as Potential Tools for Preemergent, Selective Weed Management in Maize Intercropped with Urochloa Ruziziensis <i>Rafael Pedroso, Weed Management Professor at the University of Sao Paulo</i>
2:25	Selective Control of Sedges and Annual Bluegrass in Bermudagrass Turf <i>Jim Baird, UC Riverside</i>	2:25	Organic Herbicide Dose-response Using Hyper-precise Pinpoint Spray Technology <i>Clebson G. Gonçalves, Diversified Agriculture Advisor, UCCE</i>
2:50-3:15	Afternoon Break – Vendor & Poster Viewing	2:50-3:15	Afternoon Break – Vendor & Poster Viewing
3:15-4:55	SESSION K: FORESTRY, RANGE AND NATURAL AREAS <i>Chairs: Scott Oneto, UC ANR; Mandeep Riar, UC ANR</i>	3:15-4:55	SESSION L: VEGETABLE CROPS <i>Chairs: Clebson G. Gonçalves, UCCE; Jose Cabrera, BASF</i>
3:15	Lessons Learned from Two Decades of Weed Management in the World's Largest Urban National Park <i>Justin Valleire, UC Davis</i>	3:15	Refining Chemigated Rimsulfuron Treatments for Branched Broomrape Management in California Processing Tomatoes <i>Matthew Fatino, Postdoctoral Scholar, UC Davis; Bradley Hanson, Cooperative Extension Weed Specialist, UC Davis</i>
3:40	BMPs to Prevent Non-target Impacts from Herbicide Applications <i>Krista Hoffman, California Department of Fish & Wildlife</i>	3:40	Equipment Sanitizer Efficacy on Branched Broomrape Seed <i>Pershang Hosseini, UC Davis; Bradley Hanson, Cooperative Extension Weed Specialist, UC Davis</i>
4:05	Potentially Herbicide Resistant Weeds in Northern California <i>Tom Getts, UC Agriculture & Natural Resources</i>	4:05	Controlling In-Row Weeds with Post-Plant Pre-Emergent Herbicides in Tomatoes and Melons <i>Scott Stoddard, Farm Advisor, UC Cooperative Extension Merced County</i>
4:30	Weed Control User Tool (WeedCUT) <i>Jutta Burger, California Invasive Plant Council</i>	4:30	Physical and Chemical Weed Management Tools for Carrot, Lettuce & Onion <i>Steve Fennimore, UC-Davis, UC cooperative Extension</i>

FRIDAY, JANUARY 24, 2025

7:00am-11:15am	REGISTRATION & CEU SIGN-IN/OUT – REGENCY FOYER <i>Maryana Schmidt & Vanessa Hernandez, CWSS</i>
7:00am-7:30am	Coffee & Pastry Service – REGENCY FOYER
<i>ALL Friday Sessions will be held in REGENCY A,B,C</i>	
7:30-11:50	SESSION M: LAWS & REGULATIONS <i>Chairs: Jasmin Ramirez-Strain, UC IPM; Karey Windbiel-Rojas, UC IPM</i>
7:30	DPR's Endangered Species Program and its Connection to EPA's Endangered Species Protection Program <i>Polo Moreno, DPR Endangered Species Act</i>

8:30	Pesticide Registration and Regulation in California <i>George Bryan, DPR, Pesticide Evaluation Branch</i>
9:00	DPR Licensing and Certification Updates <i>Amanda Gregory, DPR Licensing and Certification</i>
10:00 – 10:20	Morning Break
10:20	Top 10 Most Common Violations <i>Sac County Ag Commissioner Representative</i>
10:50	Pesticide Safety Jeopardy <i>Karey Windbiel-Rojas & Jasmin Ramirez-Strain</i> <i>UC IPM</i>
11:50am- 12:00pm	ADJOURN and turn in CEU documentation