2027 CWSS Annual Conference Agenda

Portola Hotel & Spa, Monterey, California

January 20-22, 2027

"Managing Weeds in the Golden State"

DPR Requested Hours Law, Other

CCA AZ, ID, OR, WA, CCA, GCSAA, ISA, MT, NV hours pending.

TUESDAY, JANUARY 19, 2027

3:30pm-6:30pm	**CONFERENCE REGISTRATION** Maryana Schmidt, PAPA
5:00pm-9:00pm	**CONFERENCE EXHIBIT/POSTER SETUP**

WEDNESDAY, JANUARY 20, 2027

7:00am-5:00pm	**REGISTRATION AND CEU SIGN-IN/OUT** Maryana Schmidt, PAPA
7:00am-5:00pm	**EXHIBITS - De Anza I & II & STUDENT POSTERS - De Anza Foyer**
7:00am-7:50am	**STUDENT POSTER JUDGING – De Anza Foyer**
	ALL Wednesday SESSIONS will be held in De Anza Ballroom III
7:55-8:00	**WELCOME TO THE CONFERENCE**
8:00-10:00	**SESSION A: WEED SCHOOL: MODE OF ACTION & COMMON RESISTANCE PATHWAYS** *Chair: Whitney Brim-DeForest, UC ANR*
8:00	**Aquatic Herbicide Application Methodology** *Jens Beets, USDA-ARS*
8:30	**Identifying the Submersed and Floating Aquatic Weeds of California** *Maxwell Sadowski, Department of Boating and Waterways*
9:00	**From Strains to Strategies: Integrating Genetics and Herbicide Response in Aquatic Plant Management** *Gregory Chorak, Montana State University*
9:30	**Aquatic Herbicide Regulation – Old and New Permits** *James Lem, Dudek*
10:00-10:30am	**MORNING BREAK**
10:00-10:30am	**STUDENT POSTER JUDGING – De Anza Foyer**
10:30-12:00pm	**SESSION B**: **STUDENT RESEARCH UPDATES** *Chair: Thomas Getts, UC ANR*
10:30	*Speaker to be announced*
11:00	*Speaker to be announced*
11:30	*Speaker to be announced*
12:00	*Speaker to be announced*
12:00	**STUDENT POSTER JUDGING – De Anza Foyer**
12:00-1:30pm	**LUNCH (on your own)**
12:00-1:30pm	**STUDENT LUNCHEON (by invitation) – Portola Room**
1:30-3:30pm	**SESSION C: GENERAL SESSION: Why Herbicides Fail** *Chair: Jason Robbins, Target Specialty Products*
1:30	**Unmanned Aerial Systems (UAS) for Targeted Weed Management: Applications, Regulations, and Best Practices** *Ben Jacques, Sierra Integrated Services*
2:00	**The Pathway to New Product Registration: Why We Need to be Good Stewards of Our Products** *Beau Miller, Corteva*
2:30	**Precipitation and Soil Factors Affecting Pre-Emergent Herbicide Performance** *Scott Stoddard, CPAg, Farm Advisor, UCCE*
3:00	*Speaker to be announced*
3:30-4pm	**Afternoon Break - Vendor Displays & Poster Viewing**
4-4:15pm	**STUDENT AWARDS**
4:15-5:15pm	**SESSION D: WHAT'S NEW IN WEED CONTROL** *Chairs: Timothy Verrinder, Helena Agri Enterprises and Ben Nakayama, FMC Corp*
5:15-6:45pm	**CWSS MEMBER RECEPTION – De Anza Ballrooms I & II**

THURSDAY, JANUARY 21, 2027

7:00am-5:00pm	**REGISTRATION AND CEU SIGN-IN/OUT** – Maryana Schmidt, PAPA
7:00am-5:00pm	**EXHIBITS - De Anza I & II & STUDENT POSTERS - De Anza Foyer**
7:00am-7:30am	**COFFEE & PASTRY SERVICES – De Anza I & II**

MORNING CONCURRENT SESSIONS

	De Anza Ballroom III		**Bonsai Ballroom**
8:00-10:00	**SESSION E: AQUATICS** *Chairs: Aspen Kenyon, ClearChannelVM and Jens Beets, USDA*	**8:00-10:00**	**SESSION F: TREE AND VINE** *Chairs: Ryan Hill, UC ANR and Matt Fatino, UC ANR*
8:00	**Herbicide Control Options for Winged Water Primrose (Ludwigia decurrens) in California** *Troy Clark, UC Cooperative Extension*	8:00	**Management of Perennial Weeds in Pistachios** *Jorge Angeles, UCCE Tulare County*
8:30	**Optimizing Application Timing of Herbicides Using Hydrodynamic Modeling: Adaptive Management of Submersed Aquatic Vegetation in a Tidal Wetland** *Nicholas Rasmussen & Lily Tomkovic, California Department of Water Resources*	8:30	**Sheep Grazing in Vineyards to Manage Ground Cover, Reduce Herbicide Usage, and Facilitate Soil Health** *Tommy Fenster, UC Davis*
9:00	**Drone-Based Aerial Surveillance for Detecting Water Hyacinth (Pontederia crassipes) Using Deep Learning Models** *Amber Riner, University of Florida*	9:00	**Native Hedgerows as a Weed Management Tool in Row Crops and Orchards** *Justin Valliere, UC Davis*
9:30	*Speaker to be announced*	9:30	**Novel Herbicides for Managing Herbicide-Resistant Italian Ryegrass and Annual Bluegrass in Hazelnut Orchards** *Marcelo Moretti, Oregon State University*
10:00-10:15	**MORNING BREAK**	**10:00-10:15**	**MORNING BREAK**
10:15-12:15	**SESSION G: ORGANIC WEED CONTROL** *Chairs: Clebson Gomes Goncalves, UC ANR and Alex Ceseski, UC Davis*	**10:15-12:15**	**SESSION H: ROADSIDES, UTILITIES, AND INDUSTRIAL SITES** *Chairs: Rick Miller, PAPA and Lee Wozniak, Target Specialty Products*
10:15	**Organic Weed Control Options in High Value Crops** *Oleg Daugovish, UC Cooperative Extension*	10:15	**Affordability, Feasibility & Sustainability of 3 Distinct Styles of Integrated Vegetation Management to Promote Native Plant Habitat in Utility Rights-of-Way** *Hanna Franklin & Anne-Marie Patterson, Sierra Integrated Services*
10:45	**Selectivity Without Selective Chemistry: Plant-Level Precision in Organic Weed Control** *Curtis Garner, Verdant Robotics, Inc.*	10:45	**Updates on Vegetation Management Control Trials in the Intermountain Region: Bare Ground, Goat Heads, and Resistance** *Thomas Getts, UC ANR*
11:15	**Using Drones in Organic Vegetable Production** *Mazin Saber, University of Arizona Cooperative Extension*	11:15	**Johnsongrass Management Research in Non-Crop Use Sites** *Ryan Hill, UCCE Tehama County*
11:45	**Organic Vegetable Weed Management Panel Discussion: Effective Practices & Critical Research Gaps** *Ullmann, UC Organic Agriculture Institute (OAI)*	11:45	*Speaker to be announced*
12:15-1:30pm	**CWSS BUSINESS & AWARDS LUNCHEON - De Anza Ballrooms I & II**		

AFTERNOON CONCURRENT SESSIONS

	De Anza Ballroom III		Bonsai Ballroom
1:30-3:30	**SESSION I: TURF AND ORNAMENTAL** *Chairs: Eric Carlson, Caltrans and Krystal Abbott, Nufarm*	**1:30-3:30**	**SESSION J: AGRONOMY** *Chairs: Jorge Antonio Angeles, UC ANR and Giuliano Carneiro Galdi, UC ANR*
1:30	**Legally Controlling Terrestrial Weeds with Herbicides Labeled for Aquatic Sites** *Conrad Kiernan, Caltrans District 4*	**1:30**	**Salt Marsh Sandspurry (Spergularia marina): An Emerging Weed in Southern California Desert Alfalfa** *Sara Ohadi & Shayne Morrissey, UC Riverside*
2:00	**IPM Methods for Converting Turf Areas to Ornamental Plantings** *Joanna Solins, UC Cooperative Extension*	**2:00**	**Evaluating Pre-Plant Incorporated, Postemergence, and Layby Herbicide Programs for Weed Control in California Blackeye Beans: Effect of Finger-Weeder Incorporation at Layby** *Mandeep Singh, UC ANR*
2:30	**Integrated Weed Management in Commercial Container Nurseries: Chemical Control, Prevention, and Exclusion** *Bonny Seagraves, Devil Mountain Wholesale Nursery*	2:30	**Herbicide Resistant Common Chickweed (Stellaria media) in Central Valley Dairy Forage Cropping Systems** *Anil Shrestha, CSU Fresno*
3:00	**Is There a Silver Bullet for Those Woody Werewolves?** *Pamela Beitz & Tatiana Manzanillo, East Bay Regional Park District*	3:00	**Weed Dynamics in No-Till and Drill-Seeded Rice in California** *Whitney Brim-DeForest, UC ANR*
3:30-3:45	**AFTERNOON BREAK**	**3:30-3:45**	**AFTERNOON BREAK**
3:45-5:45	**SESSION K: FORESTRY, RANGE AND NATURAL AREAS** *Chairs: Justin Valliere, UC Davis and Mandeep Riar, UC ANR*	**3:45-5:45**	**SESSION L: VEGETABLE CROPS** *Chairs: Scott Stoddard, UC ANR and Jose Cabrera, BASF*
3:45	**Herbicide Applications in California Dryland Perennial Grasses Improve Forage Yield and Crop Coverage** *Ryan Hill, UCCE Tehama County*	3:45	**Prowl H2O for Transplanted Vegetable Crops: Lessons from Lettuce and Broccoli Trials Supporting Crop Safety and Registration Expansion in California and Arizona** *Mazin Saber, University of Arizona, Yuma County Cooperative Extension*
4:15	**Adaptive Weed Management for Floodplain Restoration in the Central Valley** *Anna Talken & Amanda Brunk, River Partners*	4:15	**Maleic Hydrazide Programs for Branched and Egyptian Broomrape Management in California Processing Tomato** *Arpan Bhusal, UC Davis*
4:45	**Optimizing Wildland Weed Management for Efficacy and Safety** *Krista Hoffmann, California Department of Fish and Wildlife*	4:45	**Nutsedge Control in Cilantro and Green Onions** *Oleg Daugovish, UCCE Ventura County*
5:15	**Weed Management on Rangeland Ecosystems: The Case of Medusahead (Taeniatherum caput-medusae)** *Fadzayi Mashiri, University of California*	5:15	**Chemical Options for Weed Management in Vegetable Production Using AI-Enabled Precision Sprayers** *William Patzoldt, Verdant Robotics*

FRIDAY, JANUARY 22, 2027

7:00am-11:15am	**REGISTRATION & CEU SIGN-IN/OUT** Maryana Schmidt, PAPA
7:00am-7:30am	**COFFEE & PASTRY SERVICE – De Anza Foyer**
	ALL Friday day SESSIONS Will be held in De Anza Ballroom III
7:30-12:00	**SESSION M: LAWS & REGULATIONS** *Chairs: Jasmin Patricia Ramirez-Strain, UC ANR and Shannah Whithaus, UC ANR*
7:30-8:15	**CDPR Licensing and Certification Requirements** *Ashley De La Torre, California Department of Pesticide Regulation*
8:20-9:05	**PPE and Decontamination Requirements** *Harjapan Rai, California Department of Pesticide Regulation*
9:10-9:55	**Pesticide Regulation for Production Agriculture near Schoolsites in California** *Nicholas Stevens, California Department of Pesticide Regulation, Enforcement*
9:55-10:10	**MORNING BREAK**
10:10-10:55	**Common Violations & Case Study** *Ernestina Rodriguez, County Agricultural Commissioner, Pesticide Use Enforcement*
11:00-12:00	**Laws and Regs Jeopardy** *Jasmin Ramirez-Strain, UC ANR, UCCE Capitol Corridor*
12:00pm	**ADJOURN & TURN IN CEU SCANTRONS**