

“Addressing Diverse and Dynamic Challenges in Weed Management”

Hyatt Regency Sacramento

January 13-15, 2016

TUESDAY, JANUARY 12, 2016

| | |
|----------------------|--|
| 3:30pm-6:30pm | CONFERENCE REGISTRATION <i>Judy Letterman & Celeste Elliott, CWSS</i> |
| 5:00pm-9:00pm | CONFERENCE EXHIBIT/POSTER SETUP <i>Josie Hugie, CWSS Director, Wilbur-Ellis Co.</i> |

WEDNESDAY, JANUARY 13, 2016

| | |
|-----------------------|---|
| 7:00am-5:00pm | REGISTRATION AND CEU SIGN-IN/OUT <i>Judy Letterman & Celeste Elliott, CWSS</i> REGENCY FOYER |
| 7:00am-5:00pm | EXHIBITS & POSTER VIEWING <i>Josie Hugie, CWSS Director, Wilbur-Ellis Company</i> REGENCY FOYER & BALLROOM F |
| | ALL Wednesday SESSIONS will be held in REGENCY BALLROOM ABC |
| 7:30am-10:30am | SESSION A: WEED SCHOOL <i>Moderator: Kassim Al-Khatib, UC Davis</i> |
| 7:30 | Welcome to the Conference <i>Katherine Walker, CWSS Vice-President, BASF</i> |
| 7:35 | Herbicidal Crop Injury Mechanisms and Routes of Exposure. <i>Brad Hanson, UC Davis</i> |
| 8:20 | Using Plant Symptoms as a Tool to Investigate Herbicide Injury Causes. <i>Kassim Al-Khatib, UC Davis</i> |
| 9:05 | Non-Conventional and Atypical Causes of Herbicide Symptoms in Tree Crops from a Consultant/Growers Point of View. <i>Wesley K. Asai, Pomology Consulting</i> |
| 9:25 | Investigating Herbicide Symptoms: A Legal Prospective. <i>Robert E. Davies, Donahue Davies LLP</i> |
| 10:00-10:30 am | Morning Break |
| 10:30-12:00 pm | SESSION B: STUDENT ORAL PRESENTATIONS <i>Moderator: Scott Oneto, CWSS Director, UCCE, Central Sierra</i> |
| 10:30-10:50 | Response of Transplanted Tomatoes to Pre-plant Herbicides. <i>Jorge Angeles, CSU Fresno</i> |
| 10:50-11:10 | Effect of Shade and Soil Moisture Level on the Efficacy of Selected Postemergence Herbicides in Control of Junglerice (<i>Echinochloa colona</i>). <i>Ryan Cox, CSU Fresno</i> |
| 11:10-11:30 | A Comparison Between Automated Thinners and Hand Thinning of Lettuce in the Salinas Valley: Weed Control and Efficacy. <i>Elizabeth Mosqueda, CSU Fresno</i> |
| 11:30-11:50 | Comparison of Weed Control Methods in Organic Broccoli. <i>Sarah R. Parry, CSU Fresno</i> |
| 12:00pm-1:30pm | LUNCH (on your own) |
| 12:00pm-1:30pm | STUDENT LUNCHEON (by invitation) |
| 1:30 | SESSION C: GENERAL SESSION: <i>Moderator: John Roncoroni, CWSS President, UCCE, Napa County</i> |
| 1:35 | Perspectives of California Agriculture. <i>Jenny Lester Moffitt, California Deputy Secretary of Agriculture</i> |
| 2:15 | Issues in Pest Management. <i>Brian Leahy, Director, California Department of Pesticide Regulation</i> |
| 2:50 | California Water Issues. <i>Steven Moore, State Water Resources Board</i> |
| 3:40 – 4:00pm | Afternoon Break |
| 4:00 - 4:05pm | STUDENT AWARDS – Presented by Scott Oneto, CWSS Director, UCCE, Central Sierra |
| 4:05pm-5:00pm | SESSION D: WHAT’S NEW IN WEED CONTROL <i>Moderator: Kristina Short, Westbridge Ag Products</i> |
| 5:15pm-6:45pm | CWSS MEMBER RECEPTION - REGENCY BALLROOM DEF <i>Maryam Khosraviifard, CWSS Secretary, State Water Resource Control Board & Judy Letterman, CWSS Business Manager</i> |

THURSDAY, JANUARY 14, 2016

| | |
|----------------------|--|
| 7:00am-5:00pm | REGISTRATION AND CEU SIGN-IN/OUT <i>Judy Letterman & Celeste Elliott, CWSS</i> |
| 7:00am-5:00pm | EXHIBITS & POSTER VIEWING <i>Josie Hugie, CWSS Director, Wilbur-Ellis Company</i> |

MORNING CONCURRENT SESSIONS

| | REGENCY BALLROOM A | | REGENCY BALLROOM B & C |
|-----------------------|---|-------------------|---|
| 7:30-9:10 | SESSION E: AQUATICS <i>Moderators: Dave Kluttz, Lakeland Restoration and John Madsen USDA-ARS, EIWRU, UC Davis</i> | 7:30-9:10 | SESSION F: TREE & VINE <i>Moderators: Brad Hanson, UC Davis and Ben Duesterhaus, Mid Valley Ag</i> |
| 7:30 | Biological Control of Aquatic Weeds: Research in California. <i>Paul Pratt, USDA-ARS Exotic and Invasive Weed Research Unit, Davis</i> | 7:30 | Managing Weeds in Desert Pecans and Pistachios. <i>Bill McCloskey, University of Arizona</i> |
| 7:50 | The Reboot of Aquatic Plant Management in the Delta. <i>Angela Llaban, CA Division of Boating and Waterways</i> | 7:50 | Weed Management Challenges and Options for Subtropical Crop Orchards in California. <i>Sonia Rios, UCCE, Riverside County</i> |
| 8:10 | Management of Submersed Aquatic Vegetation in Lakes and Ponds. <i>Joe Vassios, UPI</i> | 8:10 | Junglerice (Echinochloa colona) Growth and Development in Response to Temperature and Shade. <i>Lynn Sosnoskie, UC Davis</i> |
| 8:30 | Irrigation Weed Management in the Solano Irrigation District. <i>Jeff Null, Solano Irrigation District</i> | 8:30 | New Herbicides Broadworks & Zeus: Where's the Fit for Tree & Vines? <i>Mick Canevari, UCCE Emeritus, San Joaquin CO</i> |
| 8:50 | Life History and Aquatic Weed Management. <i>John Madsen, USDA-ARS, EIWR, UC Davis</i> | 8:50 | Managing Tough Winter and Summer Weed Spectrums with Sequential Herbicide Programs. <i>Brad Hanson, UC Davis</i> |
| 9:10-9:30 | Morning Break | 9:10-9:30 | Morning Break |
| 9:30-11:10 | SESSION G: RICE <i>Moderators: Deb Shatley, Dow AgroSciences and Dave Cheetham, Helena Chemical</i> | 9:30-11:10 | SESSION H: ROADSIDES, UTILITIES, & INDUSTRIAL SITES <i>Moderator: Jason Robbins, Target Specialty Products</i> |
| 9:30 | Perception vs. Reality in Rice Herbicide Registration. <i>Roberta Firoved, California Rice Commission</i> | 9:30 | New Obstacles to Spraying in the Public Eye and Some Ways to Deal With It. <i>George Gough, Monsanto Regulatory Affairs</i> |
| 9:50 | Development of a Novel Herbicide, Benzobicyclon + Halosulfuron, (BUTTE)*, for California Rice Production. <i>James Brazzle, Gowan Company</i> | 9:50 | Understanding Herbicide Risks to Fish and Wildlife. <i>Joel Trumbo, California Department of Fish and Wildlife</i> |
| 10:10 | Modeling Weed Growth in California Rice: Opportunities for Management. <i>Whitney Brim-DeForest, UC Davis</i> | 10:10 | Aquatic Obstacles and Opportunities. <i>Mike Blankinship, Blankinship & Associates, Davis</i> |
| 10:30 | Target-Site Resistance to Propanil in Smallflower Umbrella Sedge and Ricefield Bulrush from California Rice: Implications for Management. <i>Rafael Pedroso, UC Davis</i> | 10:30 | Additives and Uses in the Vegetation Management Business. <i>Steve Stringer, Brandt</i> |
| 10:50-11:10 | Optimizing Weed Management Program in Rice: Challenges and Opportunities. <i>Kassim Al-Khatib, UC Davis</i> | 10:50-11:10 | Esplanade™ Herbicide for Invasive Annual Grass Control. <i>Harry Quicke, Bayer Vegetation Management</i> |
| 11:30am-1:00pm | CWSS BUSINESS & AWARDS LUNCHEON - REGENCY BALLROOM DEF <i>John Roncoroni, CWSS President, UCCE, Napa County</i> | | |

THURSDAY, JANUARY 14, 2016
AFTERNOON CONCURRENT SESSIONS

| | REGENCY BALLROOM A | | REGENCY BALLROOM B & C |
|------------------|--|------------------|---|
| 1:10-2:55 | SESSION I: TURF & ORNAMENTAL <i>Moderator: Jennifer Browning, BASF and Casey Brierley, East Bay RPD</i> | 1:10-2:55 | SESSION J: AGRONOMY <i>Moderators: Dawn Brunmeier, BASF and Mick Canevari, UCCE Emeritus, San Joaquin County</i> |
| 1:15 | Best of UCR Herbicide Trials in 2015. <i>Dean Mosdell, Turf & Landscape Regional Manager, Syngenta</i> | 1:15 | Is Glyphosate Injury to Roundup Ready Alfalfa Possible? <i>Steve Orloff, County Director/Farm Advisor, UCCE, Siskiyou County</i> |
| 1:35 | Impacts of Deficit Irrigation on Weed Spectrum in Turf. <i>Cheryl Wilen, UCCE and UC IPM</i> | 1:35 | Influence of Environmental Factors on the Efficacy of Postemergence Herbicides. <i>Anil Shrestha, Professor of Weed Science, CSU Fresno</i> |
| 1:55 | The Importance of Overhead Irrigation for Plant Health and Weed Control. <i>John Law, ValleyCrest Companies</i> | 1:55 | Effective Weed Control Part 1 <i>Robert E. Wolf, Wolf Consulting & Research, LLC, Illinois</i> |
| 2:15 | Irrigation Cutbacks for Conservation: Less Water, More Weeds, Dead Trees. <i>Loren Oki, UC Davis</i> | 2:15 | Effective Weed Control Part 2 <i>Robert E. Wolf, Wolf Consulting & Research, LLC, Illinois</i> |
| 2:35 | New Field Research Findings: Evaluation of Herbicide Products for Selective Control of Rogue Bentgrass and Annual Bluegrass in Fine Fescue Fairways. <i>Mark Mahady, Mahady and Associates</i> | 2:35 | Alfalfa Herbicide Research Update for the Central and Sacramento Valley Growing Regions. <i>Kurt Hembree, UCCE, Fresno County</i> |
| 2:55-3:15 | Afternoon Break | 2:55-3:15 | Afternoon Break |
| 3:15-5:00 | SESSION K: FORESTRY, RANGE & NATURAL AREAS <i>Moderator: Beau Miller, Dow AgroSciences</i> | 3:15-5:00 | SESSION L: VEGETABLE CROPS <i>Moderators: Ryan Bounds, Syngenta and Scott Stoddard, UCCE, Merced County</i> |
| 3:20 | Overview of Integrated Weed Control within Irrigated Pastures of California. <i>Tom Getts, Weed Ecology & Cropping System Advisor, UCCE, Plumas-Sierra Counties</i> | 3:20 | Management of Weeds in Potatoes and Onions in Tulelake. <i>Rob Wilson, UCCE, Lassen County</i> |
| 3:40 | Scotch Broom Gall Mite: A New Natural Enemy to California. <i>Scott Oneto, UCCE, Central Sierra County</i> | 3:40 | Management of Weeds in Cool Season Vegetables on the Central Coast. <i>Richard Smith, UCCE, Monterey County</i> |
| 4:00 | Replanting and Regeneration of Mixed Conifer Stands Post-fire. <i>Rob Fecko, Sierra Pacific Industries</i> | 4:00 | Evaluation of Pyroxasulfone in Cool-Season Vegetables. <i>Steve Fennimore, UC Davis, Salinas</i> |
| 4:20 | Aminopyralid for Medusahead Suppression. <i>Josh Davy, UCCE, Tehama County</i> | 4:20 | Egyptian Broomrape: Damn This Parasitic Weed. <i>Gene Miyao, UCCE, Sonoma County</i> |
| 4:40-5:00 | Weed Control in Natural Areas; Best Nozzle Types for Drift Mitigation. <i>Robert E. Wolf, Wolf Consulting & Research, LLC, Illinois</i> | 4:40-5:00 | Breaking Bindweed: Have We Met Our Match? <i>Lynn Sosnoskie, UC Davis</i> |

FRIDAY, JANUARY 15, 2016

| | |
|--------------------|---|
| 7:00-11:15 | REGISTRATION & CEU SIGN-IN/OUT <i>Judy Letterman & Celeste Elliott, CWSS</i> |
| | REGENCY BALLROOM BC |
| 7:30-11:45 | SESSION M: LAWS & REGULATIONS <i>Moderators: Lisa Blecker, UCANR IPM and Richard Spas, DPR</i> |
| 7:30 | Best Practices to Keep Pesticides out of Water. <i>Sam Sandoval, Asst. Professor & UCCE Specialist Water Resources, UC Davis</i> |
| 8:00 | Pesticides Detected in Ground Water and Surface Water. <i>Nels Ruud and Mike Ensminger, DPR Environmental Monitoring</i> |
| 8:30 | Pesticide Residue Monitoring; How it's Done and How to Avoid Illegal Residues. <i>Thom Cate, DPR Enforcement Branch and Cheryl Reynolds, UC Statewide IPM Program</i> |
| 9:00 | School IPM: New Requirements for Herbicide Applications on School Grounds. <i>Eric Denemark, DPR Pest Management and Licensing Branch</i> |
| 9:30 | Morning Break |
| 9:45 | Pesticide Protective Gloves. <i>Lisa Blecker, Pesticide Safety Education Coordinator, UC Statewide IPM Program</i> |
| 10:15 | Updates to the Federal Worker Protection Standard and Impacts on California. <i>Leslie Crowl, DPR Worker Health and Safety Branch</i> |
| 10:45 | Pesticide Jeopardy. <i>Sarah Risorto, Pesticide Safety Educator UC Statewide IPM Program</i> |
| 11:30-12:00 | ADJOURN and turn in CEU forms |

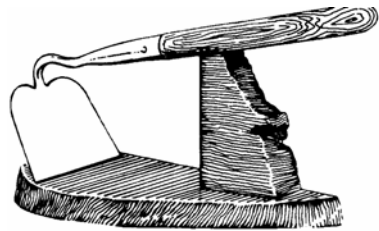
All student competition posters are on display in the lobby

Join us at the 2017 Annual Conference!

*Portola Hotel & Spa, Monterey
January 18-20, 2017*

California Weed Science Society
2016 Annual Conference

***“Addressing Diverse and
Dynamic Challenges in Weed
Management”***



CWSS 1948-2016

January 13-15, 2016
Hyatt Regency Sacramento
1209 L Street
Sacramento, California 94814

CALIFORNIA WEED SCIENCE SOCIETY
P.O. Box 3073
Salinas, California 93912-3073
(831)442-0883 (phone)
(831)442-2351 (fax)
www.cwss.org

**19.0 CE hours approved,
including 4 Laws & Regulations**

Final agenda