



Department of Pesticide Regulation

Gavin Newsom
Governor

Julie Henderson
Director

Yana Garcia
Secretary for
Environmental Protection

MEMORANDUM

Pest Management Advisory Committee (PMAC) Quarterly Meeting

9:30 a.m. – 1:30 p.m., February 8, 2024

1001 I Street, Sacramento, California

Sierra Hearing Room, Second Floor

The following PMAC members will be attending the meeting remotely via Zoom:

Ex Officio

Julie Henderson (Chair) or designee – California Department of Pesticide Regulation

Brian Gress – California Department of Food and Agriculture

Jim Farrar – UC Statewide IPM Program

Humberto Izquierdo – California Agricultural Commissioners and Sealers Association

Academia and Public Foundations

Brenna Aegerter – UC Cooperative Extension

Roger Baldwin – UC Agriculture and Natural Resources

Whitney Brim-DeForest – UC Cooperative Extension

Karey Windbiel-Rojas – UC Statewide IPM Program

Greg Browne – USDA, Agricultural Research Service

Agricultural Production

Robert Ehn – California Garlic and Onion Research Committee

Hanna Kahl – Community Alliance with Family Farmers

Gabriele Ludwig – Almond Board of California

Melissa Koshlaychuk – California Strawberry Commission

Environmental and Public Interest Organizations

Bill Allayaud – Environmental Working Group

Margaret Reeves – Pesticide Action Network North America

Farm Labor Organization

Anne Katten – California Rural Legal Assistance Foundation

Public and Consumer Advocacy

Victoria Kalkirtz – California Stormwater Quality Association

Nonagricultural Pesticide User Groups

Jim Steed – Pest Control Operators of California

Pest Control Advisors

Nick Lupien – California Association of Pest Control Advisers

Registrants and Trade Associations

Nicole Quinonez – Madden Quinonez Advocacy
Terry Gage – California Agricultural Aircraft Association
Keith Pitts – Pro Farm Group, Inc.
Eric Stein – Western Plant Health Association

2024 Research Grant Proposals

Dr. Andreas Westphal, UC Riverside
“Use of Walnut Byproducts for Suppression of Plant Parasitic Nematodes”
\$476,029

Dr. Sandipa Gautam, UC ANR
“*New Sustainable Methods to Reduce Pesticide Use in Citrus*”
\$495,489

Dr. Christopher Simmons, UC Davis
“*Advancing Biosolarization as a Soil Fumigation Alternative with Added Soil Health And Sustainability Benefits*”
\$353,491

Dr. Chow-Yang Lee, UC Riverside
“*Low-impact Sustainable IPM Strategies for Managing German Cockroaches in Homes of Disadvantaged Communities*”
\$346,895

Dr. Johanna Del Castillo Múnera, UC Davis
“*Evaluating Development of Fungicide Resistance on Botrytis Populations Associated to California Traditional and Emerging Greenhouse and Nursery Crops*”
\$256,093

Dr. Shahid Siddique, UC Davis
“*Advancing the California Tomato Landscape: Reducing Chemical Fumigants through Enhanced Natural Resistance Against Root-Knot Nematodes*”
\$460,663

Dr. Mohammed Khalid Jawed, UCLA
“*Drone-based Biological Pest Control in High Tunnels*”
\$299,999

Dr. Dong-Hwan Choe, UC Riverside
“*Impact of High Temperature on Gut Microbial Symbiont Community and Desiccation Tolerance of Western Drywood Termites and Its Implication on Colony Survival and Feeding Activity*”
\$359,572

Dr. Chow-Yang Lee, UC Riverside
"Development of a Rapid Diagnostic Test for Detecting Insecticide Resistance in Bed Bugs in Low-income Housing"
\$246,334

Dr. Sarah Placella, Root Applied Sciences
"Vineyard Disease Forecasting: Optimizing Fungicide Applications by Integrating Mathematical Models and Information on Airborne Powdery Mildew Spores"
\$498,776

Dr. Kristine Godfrey, UC Davis
"Phytosanitary Options and Related Economic Analysis for the South American Tomato Leafminer, a Devastating and Invasive Pest Threatening California Tomatoes"
\$349,046

Dr. Dong-Hwan Choe, UC Riverside
"Water Avoidance in Bed Bugs and Its Application for Non-Chemical and Chemical Approaches for Bed Bug Management"
\$387,294

Dr. Jiro Yamamoto, Golden Earth America, Inc.
"The Modification of the Scorching Soil and Turf Conditioning Device for Agricultural Use"
\$456,840