



MEMORANDUM

NOTICE of MEETING and AGENDA

Pest Management Advisory Committee (PMAC)

9:30 a.m. – 2:30 p.m., March 12, 2026

Sierra Hearing Room

1001 I Street

Sacramento, CA 95814

- Members of the public can attend the meeting in-person at the above location or remotely via Zoom or CalEPA webcast.
- The webcast can be viewed at <https://video.calepa.ca.gov/>.
- Comments and questions will be accepted after each agenda item by e-mail to PMAC@cdpr.ca.gov

Meeting Goals: To Recommend Sustainable Pest Management Grant Proposals for Possible Funding by the Department of Pesticide Regulation

Introductions and Opening Comments – <i>Sapna Thottathil, Deputy Director, DPR</i>	9:30-9:35
Overview of 2026 SPM Grant Proposals – <i>Jordan Weibel and Andy Viet Nguyen, Senior Environmental Scientists, DPR</i>	9:35-9:40
Quorum Count – <i>Martine Boswell, Environmental Program Manager II, DPR</i>	9:40-9:45
Facilitated Discussion of 2026 SPM Grant Proposals – <i>Ariel Ambruster, Facilitator</i>	9:45-11:00
Break	11:00-11:10
Facilitated Discussion of 2026 SPM Grant Proposals – <i>Ariel Ambruster, Facilitator</i>	11:10-12:30
Break	12:30-12:55
Facilitated Discussion of 2026 SPM Grant Proposals – <i>Ariel Ambruster, Facilitator</i>	12:55-1:45
Proposal Ranking – <i>Ariel Ambruster, Facilitator</i>	1:45-1:50
Break	1:50-2:05
Ranking Discussion and Funding Recommendation – <i>Ariel Ambruster, Facilitator</i>	2:05-2:25
Closing Remarks – <i>Sapna Thottathil, Deputy Director, DPR</i>	2:25-2:30

2026 SPM Grant Proposals for PMAC Discussion

Jo Ann Baumgartner, Wild Farm Alliance
"On-Farm Ecosystem Learning"
\$381,018

Carrie Teiken, University of California Agriculture and Natural Resources (UC ANR)
"Fumigation Alternatives for Nematodes"
\$602,449

Dr. Mohsen Mesgaran, University of California Davis
"Pollinate to Suppress"
\$933,236

Dr. Akif Eskalen, University of California Davis
"Bunch Rot Management in Grapes"
\$637,150

Dr. Isaya Kisekka, University of California Davis
"SPM to Prevent Rodent Irrigation Damage"
\$900,000

Dr. Hailing Jin, University of California Riverside
"RNA-Based Fusarium Control"
\$362,050

Dr. Matthew Grieshop, California Polytechnic State University – San Luis Obispo
"Drone-Based Natural Enemies"
\$563,410

Dr. Whitney Brim-DeForest, University of California Agriculture and Natural Resources (UC ANR)
"Resistant Weeds in Rice"
\$188,434

Dr. Chow-Yang Lee, University of California Riverside
"Subterranean Termites"
\$367,042

Dr. Emma Gachomo, University of California Riverside
"Carrot Biofungicides"
\$855,259

Dr. Matthew Johnson, California Polytechnic State University – Humboldt
"Owls for Rodent Control in Nut Crops"
\$923,954

Dr. Fluorent Trouillas, University of California Davis*
"Red Leaf Blotch in Almond"
\$446,823

Dr. Ricky Lara, California Department of Food and Agriculture
"Diamondback Moth Biocontrol"
\$809,436

Dr. Jutta Burger, California Invasive Plant Council
"Weed-Free Materials and Weed Disposal"
\$260,398

Dr. Ikju Park, University of California Riverside
"Yellow Starthistle Biocontrol"
\$639,513

Dr. Ikju Park, University of California Riverside
"Biocontrol of Arundo donax"
\$540,415

Dr. Dong-Hwan Choe, University of California Riverside
"Sticky Glue Traps for Termite Monitoring"
\$369,354

Dr. Kerry Mauck, University of California Riverside*
"Immunity Priming Seed Treatments"
\$261,087

Dr. Spencer Walse, University of California Davis
"Sulfuryl Fluoride Emissions"
\$999,989

Connor Jandreau, American Bird Conservancy
"Salinas Rodent IPM"
\$993,188

Dr. Ryan Galt, University of California Davis*
"Mapping and Expanding SPM"
\$734,191

Dr. Siavash Farzan, California Polytechnic State University – San Luis Obispo
"Robotic Bird and Rodent Deterrents"
\$424,829

Dr. James Borneman, University of California Riverside
"Fungi for RKN Management"
\$142,505

Dr. Quinn McFrederick, University of California Riverside
"Varroa Mite Biocontrol"
\$423,684

Dr. Kimberly Berger, Sequoia Foundation
"Hmong SPM Education"
\$848,847

Rose Harman, Ducks Unlimited
"Invasive Control in Baylands"
\$734,191

Delana Bradford, City of Petaluma
"Herbicide-Free Community Weed Management"
\$689,238

Dr. Philippe Rolshausen, University of California Riverside
"Citrus CUPS SPM"
\$407,921

Dr. Niamh Quinn, University of California Agriculture and Natural Resources (UC ANR)*
"Smarter Rodent Bait Stations"
\$595,169

Dr. Cindy Daley, California State University – Chico*
"SPM Workforce Development"
\$954,267

Additional Submitted 2026 SPM Grant Proposals

Dr. Shannon Lynch, University of California Davis
"Alternatives for Fusarium Dieback-ISHB"
\$549,285

Dr. Amanda Hodson, University of California Davis
"Nematode Detection and Quantification"
\$452,276

Dr. Paul Rugman-Jones, University of California Riverside
"Citrus SIT Outreach"
\$385,111

Jo Ann Baumgartner, Wild Farm Alliance
"Hedgerows and Cover Crops for Vineyards"
\$999,874

Dr. Justin Valliere, University of California Davis
"SPM Goatgrass Control"
\$395,700

Kevin Young-Lai, Solano Resource Conservation District
"Solano CLEAR PATH"
\$399,050

Dr. Adler Dillman, University of California Riverside
"Native Nematodes as Biocontrol"
\$646,916

Dr. Chow-Yang Lee, University of California Riverside
"Detecting Insecticide Resistance in Bed Bugs"
\$352,562

Dr. Nazzy Pakpour, Yeast Bay Bio Inc.
"RNAi Cockroach Control"
\$536,746

Dr. Dong-Hwan Choe, University of California Riverside
"Fungi and Boric Acid for Ants"
\$217,841

Mark Vick, Working Dogs for Conservation Foundation
"Rodent Detection Canines"
\$383,000

Dr. Bo Liu, California Polytechnic State University – San Luis Obispo
"Precision Application for Vineyards"
\$428,116

Jessica Ridgeway, Farm Discovery at Live Earth
"SPM Demonstration and Education"
\$802,621

Dr. Andrea Bonisoli-Alquati, California Polytechnic State University – Pomona
"Rodent Biocontrol Through Raptors"
\$518,345

Dr. Amit Vasavada, Invasive Species Corporation
"Bioherbicides for Weed IPM"
\$550,000

Dr. Gretchen LeBuhn, San Francisco State University
"Weed Management in Wildland Restoration"
\$209,610

Dr. Ashraf Tubeileh, California Polytechnic State University – San Luis Obispo
"Biofumigation for Berries and Veg Crops"
\$625,156

Dr. Peter Larbi, University of California Agriculture and Natural Resources (UC ANR)
"Spray Drift Management and Outreach"
\$650,000

Eleanor Perry, California State University – Dominguez Hills
"Pest Management in CSUDH Housing"
\$305,866

Dr. Christopher McDonald, University of California Agriculture and Natural Resources (UC ANR)
"Evaluating Herbicide Alternatives"
\$842,829

Dr. Melissa Harclerode, Boundless Impact Research and Analytics
"Decision Support Calculator"
\$575,312

Dr. Shailendra Singh, FarmSense
"Targeted Insect Sensing"
\$750,460

Miles Dakin, Pollinator Partnership
"SPM Pesticide Reductions for Pollinator Health"
\$557,046

Jeremy Hohnbaum, Vector Guard
"Stormwater Mosquito Device"
\$596,612

Amit Rosner, Clearya
"Real-Time Pesticide Transparency"
\$534,318

Dr. Santanu Maitra, California State University – Fresno
"Repellants and Attractants for SWD"
\$588,363

Austin Bowie, High Degree Machinery
"Steam for Strawberry Soil Diseases"
\$999,367

Dr. Olakunle Olawole, University of California Riverside
"Phage-Based Management for Almond Disease"
\$532,112

Dr. Serhan Mermer, Oregon State University
"SPM Decision Support Tools"
\$367,137

Dr. M. Caroline Roper, University of California Riverside
“HLB Biocontrol”
\$999,705

Dr. Mohammad Sadek, California Polytechnic State University – San Luis Obispo
“Microwave for Macrophomina”
\$417,472

Dr. Esther Lofton, University of California Agriculture and Natural Resources (UC ANR)
“Prevention First”
\$999,999

Arash Borhany, Second Chance Education Inc.
“Small Farm SPM Rodent and Weed Control”
\$797,516

Dr. Neal McRoberts, University of California Davis
“Reevaluating Pest Damage Thresholds”
\$230,328

Madison Martin, Martin Family Farms
“Precision Application in Rice”
\$461,445

Dr. Bangya Ma, ActiveCross Corporation
“New Fungicide for Powdery Mildew”
\$301,545

Dr. Ginger Dixon, One Life Epi Solutions LLC
“Renewable Energy Based Mass Trapping”
\$1,000,000

Brad Christin, The Escondido Creek Conservancy
“IPM to Reduce Invasive Species”
\$625,787

PMAC agendas, meeting summaries, membership roster, and other information are posted to DPR’s Website at: <https://www.cdpr.ca.gov>

Please direct questions about the PMAC or agenda topics to:
Matt Fossen, Senior Environmental Scientist, Integrated Pest Management Branch
Matt.Fossen@cdpr.ca.gov

Please direct questions regarding the meeting to:
Rachel Grisso, PMAC Meeting Coordinator, Integrated Pest Management Branch
916-324-1308 or Rachel.Grisso@cdpr.ca.gov

If you require special assistance to participate in this meeting, or wish to request reasonable accommodations or language assistance, please provide notice at least 10 business days in advance of the meeting to the PMAC Meeting Coordinator.

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Instructions for remote Zoom meeting participation:

Meeting ID: 894 9797 2609

Password: 895024

Direct link to join the meeting from a web browser or Zoom client:

<https://us02web.zoom.us/j/89497972609?pwd=jPFalkx8hSsQfw1rbwu1VxlyNH4oK3.1>

Passcode: 895024

One tap to join from a mobile phone:

US: +16699009128,,89497972609#,,,,*895024# or

+16694449171,,89497972609#,,,,*895024#

You will need to manually enter the password.

To join via telephone:

1-669-900-9128, 1-669-444-9171, or 1-346-248-7799

- You do not need to create a Zoom account to participate in the meeting. The Meeting ID and password provided by DPR are all you will need to join the meeting, but you will need to enter your name so DPR can identify and unmute you from the speaker queue.
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