



Pest Management Advisory Committee
Pest Management Alliance Grant Presentations

November 12, 2009

Introduction

The Department of Pesticide Regulation (DPR) Pest Management Alliance Grant program provides funding for demonstration projects to increase adoption of effective pest management practices that reduce risks to human health and the environment. Pest Management Alliance (PMA) refers to the collaborative team formed to implement the project, with the goal of helping growers, urban pest managers, or others implement and adopt integrated pest management (IPM) practices. University of California (UC) farm advisors and IPM advisors provide technical information and training. Successful Alliances also include groups with broad influence, such as commodity, professional, non-profit or industry organizations that can help bring IPM into wider use.

Presentations

Almond Alliance, *Almond PMA II* (\$215,000)

Project goals are to continue to promote the UC IPM Year Round Plans (eligible for U.S. Department of Agriculture funding), train additional pest control advisors in the use of the plans, and to encourage chemical companies to increase availability and number of reduced-risk products. The project goal is to reduce use of organophosphates, pyrethroids and high-VOC pesticides by 25% by 2010 in three demonstration orchards in Yuba/Sutter, Fresno/Madera and San Joaquin counties. Counties: All almond-growing counties.).

Project Term: 2007 – 2010

Presenter: Marcia Gibbs, Community Alliance with Family Farmers, (530) 756-8518 x.34, marcia@caff.org

California Grape Alliance, *Application of a Self-Improvement Model and Performance Metrics to Reduce Pesticide Risks to Air and Water*" (\$175,000)

The project goal is to apply the Sustainable Winegrowing Program's (SWP) continuous improvement cycle to table and raisin grapes. Existing winegrower information (29.3% of winegrape acreage statewide is represented) is being assessed for criteria relevant to pesticide impacts to air and water. This information is being used to prioritize educational opportunities in all three grape sectors. The overall deliverable is a 20% statewide increase in table and raisin grape grower performance against the identified pesticide criteria. Counties: All San Joaquin Valley.

Project Term: 2007 – 2010

Presenter: Dr. Joe Browde, (916) 203-8222, California Sustainable Winegrowing Alliance, mjbrowde@pacbell.net

Urban Pest Ant Management Alliance, “Implementing IPM Urban Pest Ant Management”
(\$183,000)

Coordinated by the Entomology Department at UC Riverside, the project’s goal is to reduce the use of synthetic insecticides used to control ants in urban areas. Specifically targeted are pyrethroid pesticides that are currently under DPR review for urban stream contamination. The project is working with pest professionals and the public to develop low-risk strategies for ant control in Orange and San Diego counties. Seminars, workshops, and a Web link are planned. The project seeks to reduce pyrethroid use among its participants by 50 percent by 2010.

Project Term: 2007 – 2010

Presenter: Dr. Michael K. Rust, UC Riverside, (951) 827-5327, michael.rust@ucr.edu

Canning Peach Pest Management Alliance, *Developing Biologically Integrated Orchard Systems (BIOS) and Corresponding Market Certification Reward for Canning Peaches in the San Joaquin Valley* (\$195,000)

The project goal is to promote wide adoption of least-toxic techniques by fresh-market peach growers to achieve a 20 percent reduction in organophosphate use. On-farm research and demonstration, training, and outreach are focused on least-toxic methods to control major pests and pests likely to increase as broad-spectrum pesticides are phased out. Demonstration and education raise awareness about potential for contaminating soil, water, and air and costs/benefits for conventional vs. reduced-risk practices. Counties: Central San Joaquin Valley.

Project Term: 2008 – 2011

Presenter: Dr. Marshall Johnson, UC Riverside, (559) 646-6519, marshall.johnson@ucr.edu