

# Pest Management Alliance Grant Program

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# Alliance Grant Program Designed to Increase Implementation of Reduced-Risk Pest Management Strategies

- Demonstrate effective integrated pest management (IPM) practices
- Team approach
- DPR priorities
  - VOC emission reduction
  - Human health concern
  - Pesticide reduction in water/air
- Promote outreach
- IPM implementation



# Current PMA Grant Projects

## Focus on outreach, implementation

- Grapes
- Almonds
- Canning Peaches
- Delta Water Quality
- Urban Ants
- Urban Child Care



# Grape Project

“Application of a Self-Improvement Model and Performance Metrics to Reduce Pesticide Risks to Air and Water”

Self-improvement model

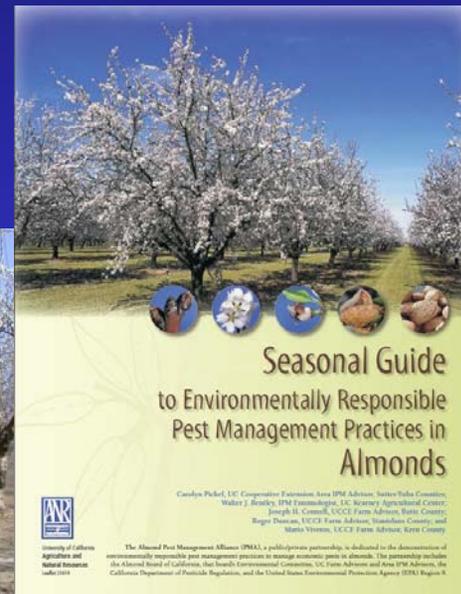
- Outreach, training
- Field demonstrations



# Almond Project

## “Almond Pest Management Alliance II”

- Outreach, training, implementation, demos
- Aimed at growers and PCAs
- Promotes UC Year Round IPM program
- Target-sensing sprayers
- Reduced-risk products



# Canning Peach Project

“Developing Biologically Integrated Orchard Systems (BIOS) and Corresponding Market Certification Reward for Canning Peaches in the San Joaquin Valley”

- Reduce organophosphate use
  - Soil, water, air contamination
- Outreach, training
- Reduced-risk alternatives
- UC Year-round IPM program
- Target-sensing sprayer



UC Statewide IPM Project  
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# Delta Water Quality Project

## “Management of Pesticide Runoff in the San Joaquin – Sacramento Delta and San Joaquin County Waterways”

- Reduce non-point source pesticide runoff

Organophosphates and pyrethroids

- Outreach, training, self-assessment

- UC Year-round IPM programs

Alfalfa

Tomatoes

Walnuts

Wine grapes



# Urban Ant Project

## “Urban Pest Ant Management”

- Reduce pyrethroid pesticides by 50%
- Ant bait as an alternative
- Low risk practices for ants
- Working with pest professionals
  - Pin point application
  - Quarterly treatments
- Economic assessment of ant baits



# Urban Child Care Project

## “An Integrated Pest Management Curriculum for Urban Child Care Programs”

- Pest management needs survey
- Over 11,000 licensed providers
- Requirements of the Healthy Schools Act
- IPM “toolkit”
- Information to administrators and staff



# IPM Resources

## University resources

- [www.ipm.ucdavis.edu](http://www.ipm.ucdavis.edu)
- UC Cooperative Extension

The screenshot shows the UC IPM Online website. At the top, it says "University of California • Agriculture and Natural Resources" and "UC IPM". The main heading is "UC IPM Online STATEWIDE INTEGRATED PEST MANAGEMENT PROGRAM". Below this, there are several sections: "Search", "Announcing..." with a link to "Our improved Web site!", "How to manage pests" with sub-sections for "Manage and identify insects, mites, diseases, nematodes, weeds" and "Use tools to help make decisions", "Educational resources" with sub-sections for "Publications and other materials", "Workshops and events", "Educational programs", and "Pesticide safety, training, and use", and "Research and IPM" with sub-sections for "Grants programs" and "Results of funded projects".

## Government resources

- US EPA [www.epa.gov](http://www.epa.gov)
- NRCS [www.ca.nrcs.usda.gov](http://www.ca.nrcs.usda.gov)
- DPR [www.cdpr.ca.gov](http://www.cdpr.ca.gov)
- CDFA [www.cdfa.ca.gov](http://www.cdfa.ca.gov)

