

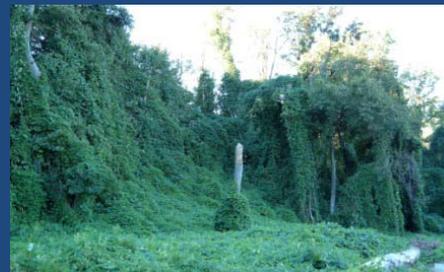
Putting California First: UC-IPM Delivering on Promise

Kassim Al-Khatib
UC-IPM Program

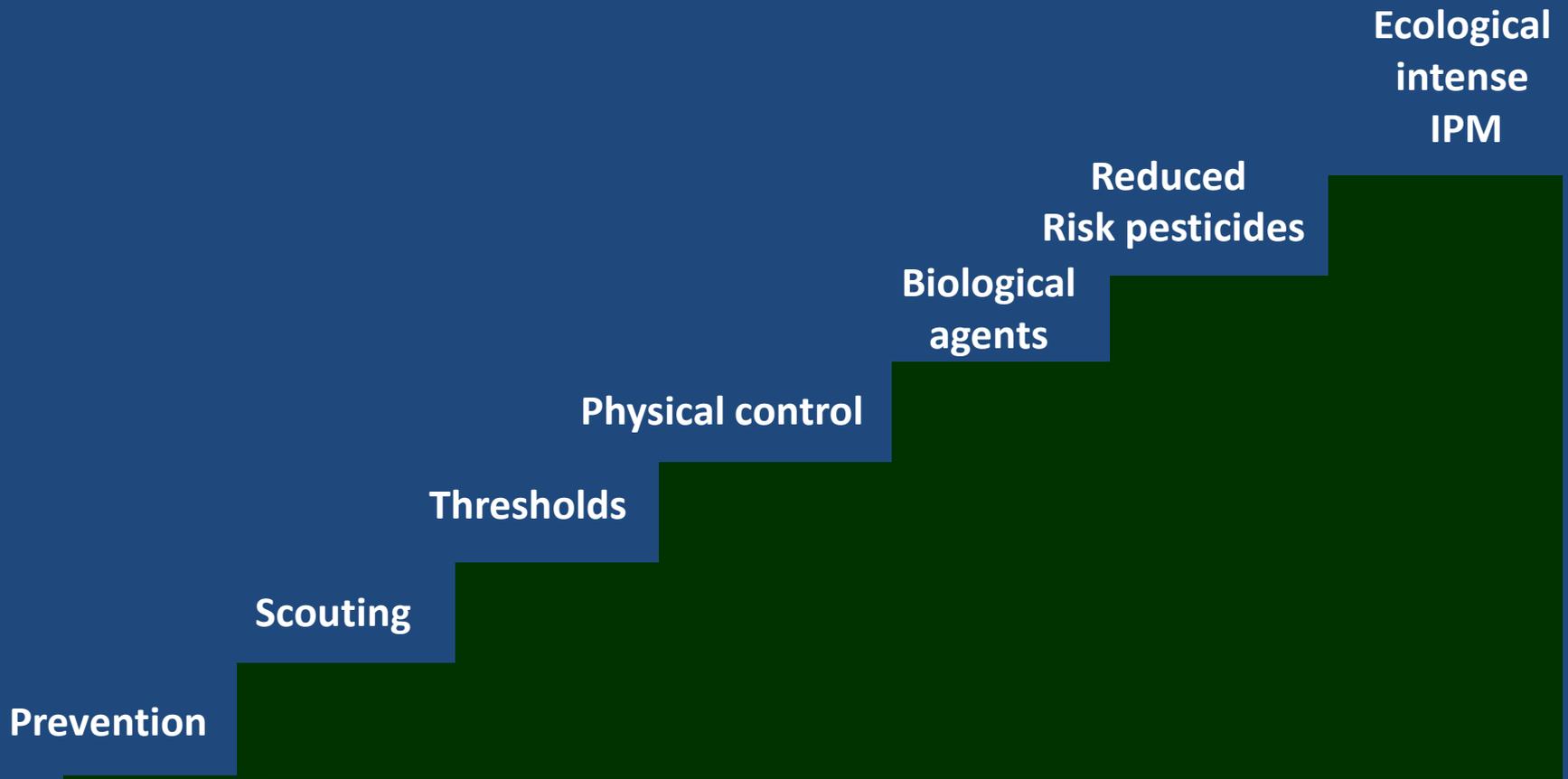


Invasive Species

- Ecological impacts
- Genetic pollution
- Economic impacts
 - Agriculture
 - Forestry
 - Trade
 - Tourism and recreation
 - Health impacts



What is IPM?



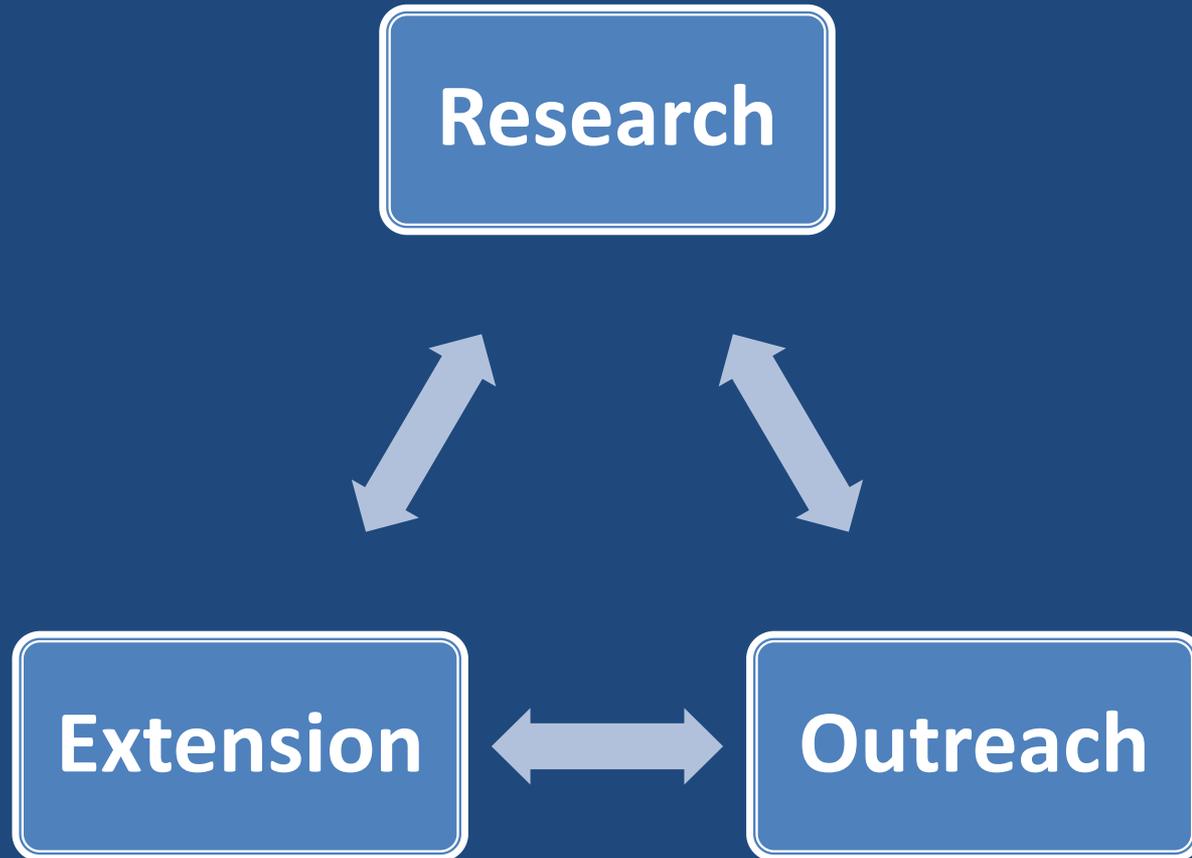
UC-IPM Mission

- **Develop science-based pest management programs that are economically and environmentally sustainable, and socially appropriate**
- **Increase the predictability and effectiveness of pest management techniques**
- **Increase utilization of ecologically based IPM programs**
- **Provide leadership in IPM including building coalitions and partnerships that link with communities and public agencies**

UC-IPM program

- **UC-IPM program was established in 1979**
 - **Agriculture**
 - **Urban and community**
 - **Natural Resources**

UC-IPM program



Strength

- **Very committed and qualified staff**
- **UC IPM is positioned to provide leadership within ANR, UC, and IPM community**
- **Statewide recognition outside of UC**
- **IPM advisors distributed throughout the state link county with regional and statewide pest management programs and initiatives**
- **Multidisciplinary approach**

UC-IPM program contributions

- Developed ways handle new pests that disrupt IPM programs
 - Example:
 - Vine mealybug in grapes: manage with monitoring, sanitation, hot water treatments, biological controls
 - Glassy-winged sharpshooter: pesticides for GWSS



UC-IPM Contributions

- Delivered IPM and exotic/invasive pest research programs to UC and other researchers
 - Sponsored 180 (2000-2011) research grants that focus on solutions to California problems.
- Example,
 - Identified natural enemy of *Arundo donax*
 - Predicting spread of fire ants
 - Early warning system for invasive marine species along the California coast



Achievements of UC IPM in the past 10 years

- **Built a rapidly growing urban IPM extension program**
- **Built the largest practical IPM web site in the world**
- **Synthesized UC applied research to produce Pest Management Guidelines**
- **Developed year-round IPM programs to describe a practical, truly integrated IPM program for each crop**
- **Provided growers with alternatives to the most problematic pesticides**
- **Trained extenders to deliver better pest management information and trained end users to use safer, more effective practices**
- **Sponsored an IPM demonstration grants program to take the last step in getting IPM research to the field**

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UC IPM Online

Statewide Integrated Pest Management Program



- Home
- What is IPM?
- Identify Pests
- Manage Pests
- Pesticides
- Research
- Publications
- Events & Training
- Links
- About Us
- Contact Us

Solve your pest problems with UC's best science

QUICK LINKS

- Newsletters
- Weather Data
- Degree-day Calculator
- Interactive Tools
- Recursos en Español
- Subscribe (RSS)

Announcements

2011 Annual Report

What's New

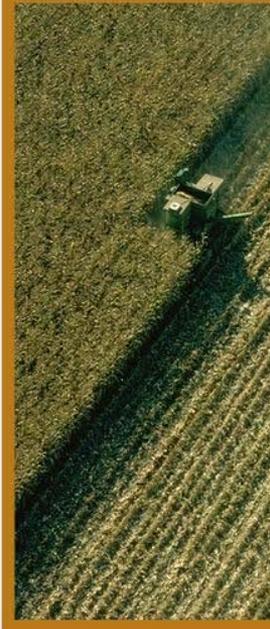
- New Pest Note: Spotted Wing Drosophila
- Revised Pest Note: Sooty Mold
- Revised Pest Note: Fire Blight
- Newsletter: Retail Nursery & Garden Center News

More.....

Home, Garden, Landscape, & Turf Pests



Crop & Agricultural Pests



Natural Resources Pests



Exotic & Invasive Pests



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Agriculture and Natural Resources, University of California



Questions

