



WELCOME!



5th National
IPM Symposium
Delivering on a Promise
April 4-6, 2006, St. Louis



Logistics



- Your index cards!
 - In your packet for your input:
 - Theme for Symposium VI?
 - What did like best about IPM V?
 - What would you like done differently for VI?
 - How would you like to help?
- Please deposit by 7 PM Wednesday
 - For Frank Zalom's closing on Thursday
 - Drop box at registration desk



Thank You Session Organizers!

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Mary Woodsen

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Jim VanKirk
Margaret Appleby
Sherry Glick
Paul Nester
Jennifer Snyder
Jennifer Vollmer
Elaine Wolff

Exhibits/Finance

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Tom Hall,
Pat Hottel
Eldon Ortman
Curtis Petzoldt
Tom Rabaey
Rick Roush

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Susan Ratcliffe
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Stanton Gill
Robert C. Hedlund
Barry Jacobsen
Mary Kay Malinoski
George Norton

Site Selection

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Susan Ratcliffe
Elaine Wolff
Frank Zalom

Operations/Web Site

Jim VanKirk
Ron Stinner
Elaine Wolff

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Peter Ellsworth
Carrie Foss
Peter Goodell
Amber Gray
Thomas Green
Paul Jepson
Kathleen Murray
Michelle Niedermeier
Paul Nester

Media

Sherry Glick
John Ayers
Paul Guillebeau
Norman C. Leppla
Rick Melnick
Liz Thomas

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Paul Nester
Bruce Paulsrud
Carol Pilcher
Karen L. Robb
Jim VanKirk
Elaine Wolff

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Mary Kay Malinoski
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USDA Cooperative State Research, Education, and Extension Service
USDA Cooperative State Research, Education, and Extension Service Regional IPM Centers
USDA Cooperative State Research, Education, and Extension Service Regional Plant Diagnostic Network
USDA Forest Service
USDA National Agricultural Statistics Service
University of California Exotic/Invasive Pests and Diseases Research Program, funded by USDA/CSREES Special Research Grant "Exotic Pests and Diseases (CA)"



What are we delivering?



Our Legacy

Malaria
Hanta Virus
Emerald Ash Borer
Sudden Oak Death
Resistance
Bed Bugs
Lyme Disease

- **96% of all fish, 100% of all surface water samples and 33% of major aquifers contain one or more pesticides at detectable levels**
 - *US Geological Survey 2006, compiled 1992-2001 studies*
- **91 chemicals in the average human body**
 - **17 are pesticide breakdown products**
 - **Includes carcinogens; neuro, reproductive and developmental toxins**
 - *Environmental Working Group, Commonweal, Mt. Sinai School of Community Medicine; CDC; 2003*
- **Mixture of 9 pesticides found in surface water had much greater impacts on frog health than each pesticide individually**
 - *Hayes et al., Environmental Health Perspectives, 2006*
- **In air, soil, water, household dust...**



Our Progress

Cockroach Baits
Soybean Rust GIS
Stay tuned...

- Substantially reduced amounts of chlorpyrifos detected in infants after EPA restrictions on use
 - *Whyatt et al., Environmental Health Perspectives, 2004*
- Bald eagle nesting pairs increase from 417 to 5,748 after DDT ban
 - *Fish & Wildlife Service, 2003*
- Organic diet significantly lowers organophosphates in children's urine
 - *Lu et al., Environmental Health Perspectives, 2006*
- In 2004, EPA registered 26 new active ingredients including 14 biopesticides and 5 “reduced-risk” conventional pesticides
 - *US EPA Office of Pesticide Programs Annual Report, 2004*
- We're all part of a new revolution focused on sustainability – green buildings, green energy, green chemistry...



Delivering on a Promise...