

Session 3

47th Meeting of IRAC International, Indianapolis

March 27-30th 2012

IRAC-US Update



- **Sponsored symposium: “Insecticide Mixtures: IRM, Science, Scope, Solutions and Rationale”**
- **Industry, academic and other stakeholders represented**
- **Included IRAC statement on mixtures**
- **Preparing summary paper for use in IRAC communication and possible publication (C. Staetz)**

- **Sponsored PIE Section symposium: “Do crises drive innovation? Insect Resistance Management: Proactive or Reactive?”**
- **Review global and U.S. examples of both proactive and reactive resistance management programs and explore the reasons for their success or failure**
 - **Asian Citrus Psyllid; Codling Moth; Corn Rootworm; Colorado Potato Beetle; cross-crop Bt Management; Diamondback Moth; Pollen Beetle; Thrips; Ornamentals; Diamides**

- **Round-table discussion: “identify topics of research and/or extension proposals that merit ... funding.”**
 - **Eileen Buss - Chinch bug resistance detection and management in turf. Use of rotations, mixtures, ...**
 - **Phil Stansly - Area-wide Management as an IRM tool. Surveys of Asian Citrus Psyllid susceptibility based on programs used.**
 - **George Kennedy, John Palumbo - Application techniques & crop type. Residual activity of diamides and IRM implications.**
 - **Greg Krawczyk - Overwintering changes in Colorado potato beetle, Oriental fruit moth, and Lygus bug susceptibility.**

- **Continuing discussions with EPA on common educational interests**
 - **Provided requested information on insect resistance management priorities**
 - **Using ESA liaison to facilitate communication**
- **Weed resistance/HRAC remains the primary focus for EPA in this area**
- **Still no expectation of more formal involvement of EPA in IRM (outside Biotech)**



Insecticide Resistance Action Committee

Educational Priorities

- **Primarily partnering with IRAC International**
- **Various projects:**
 - **Michigan State database**
 - **Resistance management educational modules being developed by University of Nebraska**
 - **Involvement in C&E Team**
- **Traditional engagement with Regional IPM Centers**
- **NAICC Meeting Participation – Booth & Presentation**