

Session 3

47th Meeting of IRAC International, Indianapolis

March 27-30th 2012

Plant Biotechnology Team





Insecticide Resistance Action Committee

Expanded Team Membership

- **Nick Storer (Dow AgroSciences) (Team Leader)**
- **Bruce Stanley (DuPont)**
- **Elizabeth Owens (Pioneer)**
- **Graham Head (Monsanto)**
- **Gary Thompson (Dow AgroSciences)**
- **Jonathan Holloway (Bayer)**
- **Paul Neese (BASF)**
- **Ryan Kurtz (Syngenta)**
- **Tim Dennehy (Bayer)**
- **Walt Mullins (Bayer)**

Team Goals

- **Improve cross-industry cooperation towards common goals**
- **Promote practical approaches to resistance management for insect-protected biotech crop**
- **Assist country and regional industry associations develop locally appropriate IRM programs**
- **Provide forum for exchange of information on putative and real resistance incidents**
- **Deliver practical IRM outreach**
- **Promote IRM considerations as integral component of Bt crop development by public and private sectors**

2011 Accomplishments

- **Provided on-going expert advice to CropLife International Plant Biotechnology Stewardship Committee**
- ***Practical Approaches to Insect Resistance Management for Biotech Crops* finalized, published, distributed (CLI) and available on IRAC website**
- **Bt Mode of Action Classification**
 - In collaboration with microbial Bt providers, advised MoA team on changes to MoA classification for microbial disruptors of insect midguts (Group 11)
- **Education and outreach**
 - Simplification of slide deck (begun)

- **Develop technical position statements on the following**
 - Definitions of resistance relevant to Biotech products
 - Principles of resistance monitoring for Biotech products and interpretation of results
 - Appropriate fit of seed blend refuges
 - IRM for small-holder biotech crop growers
- **Provide assistance to local and regional industry associations**
 - CropLife Asia – Bt maize in Philippines
 - CropLife Asia – Bt maize in Vietnam
 - Bt cotton in India
 - Latin America

- **Outreach**
 - Finalize simplified presentation material for non-English speakers
- **Coordination with CropLife International**
 - Ensure IRM is fundamental to the stewardship of Bt crops