Title: Whitefly Management Training and Educational Seminar

Goal: *To create understanding of the industry-wide risks associated with cotton where control of whitefly has been lost and of the management knowledge, tools, and technologies available to prevent problems associated with whiteflies (Bemisia spp.)*

Sponsors:
University of Arizona Cooperative Extension
Arizona Pest Management Center
Cotton IPM/ICM Working Group
Cross-Commodity Research & Outreach Program (CROP) Working Group
Arizona Cotton Research & Protection Council *(pending)*
Arizona Cotton Growers Association *(pending)*
Cotton Incorporated *(pending)*
Agrochemical Industry [DuPont *(pending)*, Bayer CropSciences, Nichino America, Valent USA]

Proposed Dates (responsible County Agent):
16 May, Yuma (Kurt Nolte: Booth Machinery training room)
23 May, Parker (Eric Norton) (Parker Elks Club)
24 May, Buckeye (Pat Clay) (Buckeye Elks Club)
25 May, Maricopa (Pat Clay) (MAC)

Proposed Agenda:
8:30 Grower Perspective, Why is the industry concerned with our management of this pest?
   Clyde Sharp, Grower
8:40 PCA Perspective, Where we’ve been, where we’re going and can we do better?
   Greg Hogue, PCA *(central Arizona locations only)*
8:40 Importance of cross-commodity interactions in whitefly management
   John Palumbo, Research Scientist *(Yuma only)*
8:50 Whitefly Refresher
   Peter Ellsworth, IPM Specialist
9:30 Whitefly Mortality Diagnostics and Evaluation of Key Chemistry (& Break)
   Hands-on Microscope Demonstrations
   Whitefly Instars and Stages
   Natural Mortality by Predators and Parasitoids
   Symptoms of Insecticide Mortality (Courier, Intruder, Knack, Oberon)
10:00 The 2006 Arizona Whitefly Management Plan
   Peter Ellsworth
10:40 New Insights Regarding Resistance and Management of B-biotype and Q-biotype Whiteflies
   Tim Dennehy, Extension Entomologist
11:20 Technical Update on Key Whitefly Chemistries (10 min. each)
   Bayer CropSciences (Mark White)
   DuPont (Yuma/Parker: Martin Reid - pending; Buckeye/MAC: Jeff Pacheco)
   Nichino America (Yuma: Greg Miller; Parker/Buckeye/MAC: Pedro Hernandez)
   Valent USA (Yuma: Art Anderson; Parker/Buckeye/MAC: Jeff Smith)
[12:00 Record keeping software
   Dr. Gary Boulin (North Carolina State University; central AZ meetings only)]
[12:00 or
12:30 Sponsored Lunch]