Whitefly Task Force

Q-Biotype Whitefly, Bemisia tabaci

Osama El-Lissy
USDA – Animal and Plant Inspection Service
Riverdale, MD
To facilitate the national discussion of the Q-Biotype of the whitefly, *Bemisia tabaci*, in order to prevent or minimize the pest’s potential effects on various industries within American agriculture.”
Whitefly Task Force

Major Roles

- Industry Leadership
- Technical Committee
- Interagency Working Group
Whitefly Task Force

Major Roles

Industry Leadership

Technical Committee

Interagency Working Group

- Cotton
- Floriculture
- Nursery
- Vegetables
Whitefly Task Force

Major Roles

Industry Leadership
- National Cotton Council
- AZ Cotton Growers Association
- CA Cotton Growers Association
- Society of American Florists
- American Nursery & Landscape Association

Technical Committee
- Florida Fruit and Vegetables
- Western Vegetable Growers

Interagency Working Group
Whitefly Task Force

Major Roles

- **Industry Leadership**: Identifying the overall goals and objectives; short and long-term practical solutions that help affected industries, as a whole, in combating the pest in the most effective and efficient manner.

- **Technical Committee**

- **Interagency Working Group**
Major Roles

Industry Leadership

Technical Committee

Interagency Working Group

Twenty technical experts work together to provide the technical information necessary to meet the goals and objectives of the taskforce.
Whitefly Task Force

Major Roles

Industry Leadership

Technical Committee

Interagency Working Group

Tim Dennehy, University of Arizona
Lance Osborn, University of Florida
Christi Palmer, IR4
Cindy McKenzie, ARS, FL
Dave Schuster, University of Florida
David Byrne, University of Arizona
Frank Byrne, University of California
Jim Bathki, University of California
Judy Brown, University of Arizona
Matthew Ciomperlik, APHIS-CPHST
Peter Ellsworth, University of Arizona
Phil Berger, APHIS-CPHST
Phil Stansly, University of Florida
Robert Nichols, Cotton Incorporated
Robert Staten, APHIS-CPHST
Ronald Oetting, University of Georgia
Scott Ludwig, Texas A&M
Steve Naranjo, ARS, AZ
TX Liu, Texas A&M
Whitefly Task Force

Major Roles

- Industry Leadership
- Technical Committee
- Interagency Working Group

- Detection and Survey
- Diagnostics
- Control
- Outreach
- Practical Biology & Ecology Investigation
Whitefly Task Force

Major Roles

- **Industry Leadership**
- **Technical Committee**
- **Interagency Working Group**

Representatives from the National Plant Board, SPROs, and SPHDs, from potentially impacted states work together in designing and implementing operational plans to prevent or minimize the pest’s effects on the various industries.
Q-Biotype Whitefly Survey Plan

- 30 sites/State
- Greenhouse (60% - 80%)
- Open Environment (20% - 40%)
Whitefly Task Force

Q-Biotype Whitefly Diagnostics

ARS, Fort Pierce, FL
U of A - Tucson, AZ
UC, Riverside, CA
CDFA, CA
U of A - Tucson, AZ
CDFA, CA
Q-Biotype Whitefly Survey, 2005

Positive Finds
Offshore Activities

Scouting
Treatment
Inspection
Packaging
Shipping
Offshore Activities

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Inspection
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Offshore Activities

Scouting
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Inspection
Packaging
Shipping
Q-Biotype Whitefly Taskforce

• Detection and Survey
• Diagnostics
• Pest Management Programs
• Outreach
• Offshore Activities
Thank You!

Questions