



**Whitefly Task Force**



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**Q-Biotype Whitefly, *Bemisia tabaci***

**Osama El-Lissy**

**USDA – Animal and Plant Inspection Service  
Riverdale, MD**

# Whitefly Task Force



## Mission

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”



# **Major Roles**

**Industry Leadership**

**Technical Committee**

**Interagency Working Group**



## Major Roles

### Industry Leadership

### Technical Committee

### Interagency Working Group

- Cotton
- Floriculture
- Nursery
- Vegetables



## Major Roles

### Industry Leadership

### Technical Committee

### Interagency Working Group

- National Cotton Council
- AZ Cotton Growers Association
- CA Cotton Growers Association
- Society of American Florists
- American Nursery & Landscape Association
- Florida Fruit and Vegetables
- Western Vegetable Growers



## Major Roles

**Industry Leadership**

**Technical Committee**

**Interagency Working Group**

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



# Major Roles

**Industry Leadership**

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**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





## Major Roles

**Industry Leadership**

**Technical Committee**

**Interagency Working Group**

- **Detection and Survey**
- **Diagnostics**
- **Control**
- **Outreach**
- **Practical Biology & Ecology Investigation**



## Major Roles

**Industry Leadership**

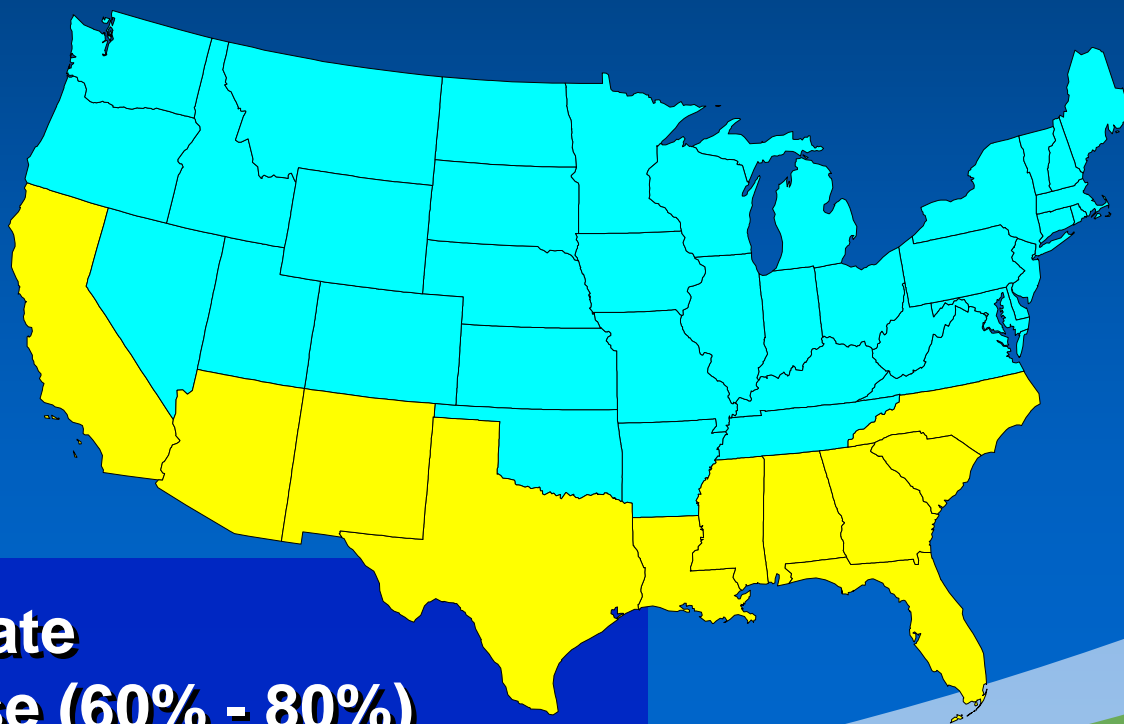
**Technical Committee**

**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.



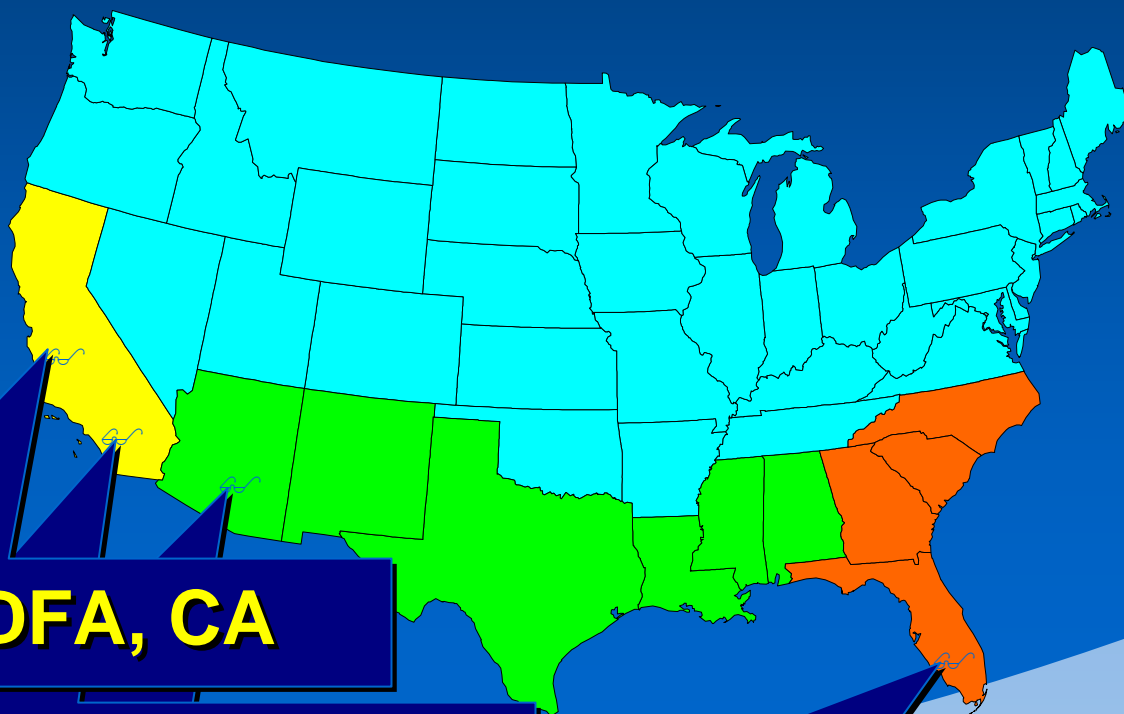
# ***Q-Biotype Whitefly Survey Plan***



- **30 sites/State**
- **Greenhouse (60% - 80%)**
- **Open Environment (20% - 40%)**



# *Q-Biotype Whitefly Diagnostics*



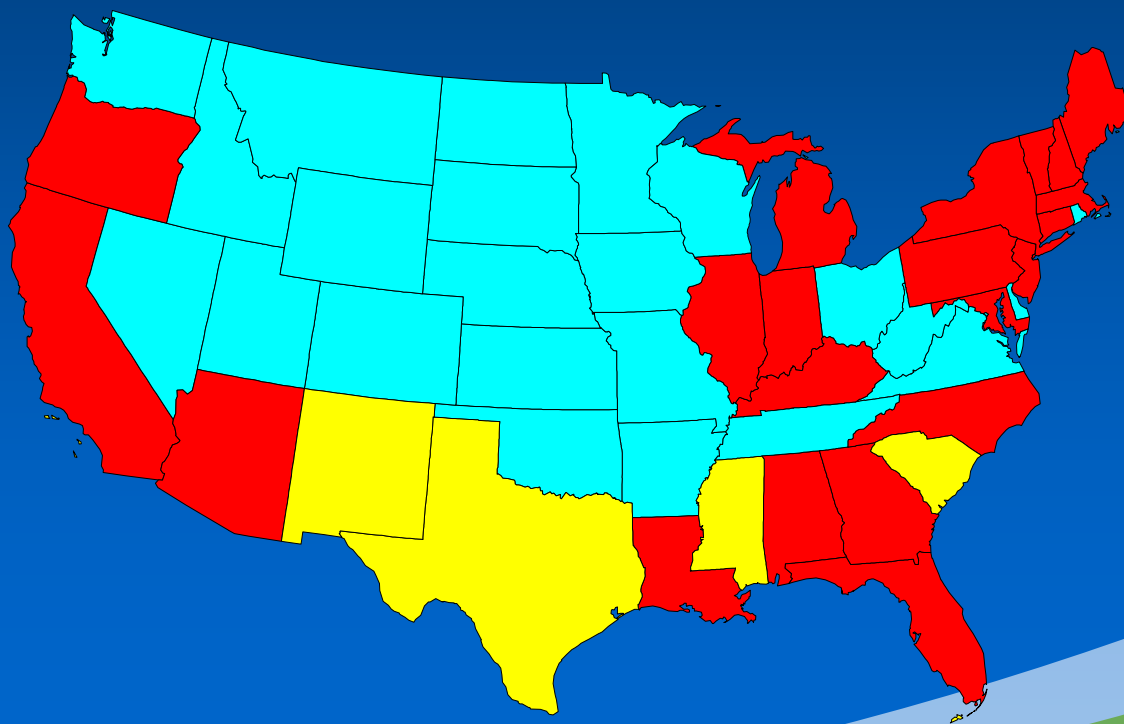
**CDFA, CA**

**UC, Riverside, CA AZ**

**ierce, FL**



# *Q-Biotype Whitefly Survey, 2005*



 Positive Finds



## ***Offshore Activities***

**Scouting**  
**Treatment**  
**Inspection**  
**Packaging**  
**Shipping**





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## ***Q-Biotype Whitefly Taskforce***

- **Detection and Survey**
- **Diagnostics**
- **Pest Management Programs**
- **Outreach**
- **Offshore Activities**



***Thank You!***

**Questions**