Citrus Industry Overview

- Citrus remains Florida’s iconic crop
  - 74 million trees to protect
- Industry generates roughly
  - 76,000 jobs
- Total impact of citrus industry is
  - \(\approx\$9\) billion
- Sobering statistics:
  - 2002-2003 orange crop harvested
    - 242 million boxes
  - 2017-2018 orange crop will bear
    - 45 million boxes
Hurricane Irma’s Track

State of Florida
Registered Citrus Nursery Locations

Contact:
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Citrus Nursery Locations
- Citrus Nursery Locations
- Plant Inspection Regions

Hurricane Irma Track
- Observed
- Forecast

Hurricane Irma Wind Extent
- Hurricane Force (64 Knot)
- Tropical Storm Force (50 Knot)
- Tropical Storm Force (34 Knot)

Prepared By: Matthew A. Yatch  Date: 11/1/2017
Citrus Leaf Miner
Damaged leaves allow diseases such as citrus canker to infect trees

Citrus Canker
Bacterial disease spread by wind and rain

Citrus Black Spot
Fungal disease spread by wind

Citrus Greening
Asian Citrus Psyllid (ACP)
Bacterial disease spread by ACP
Hurricane Irma Damage
Hurricane Irma Damage
Hurricane Irma Damage

Hurricane Irma Damage

History of CBS in Florida

• March 2010 - first positive find was in Collier County (Immokalee) on Valencia.
• Statewide survey ensued in 2010, we surveyed 32,468 acres statewide of which 20,000 was in Southwest Florida.
• By the end of season we had 18 lab positive confirmations from 13 blocks.
• Those 13 blocks resulted in 33 sections of quarantine: 24 sections of citrus and 9 sections of non-citrus.
South Florida Citrus Black Spot
CBS Hurricane Prediction Maps

Credit: Dr. Tim Gottwald
CBS Management by Growers

Positive / Declining Tree Removal

Leaf Debris Control [Composting]

Increase Copper Sprays

Fungicide Applications

Tree Skirting
Thank You!