CANKER MANAGEMENT

Decontamination
Tree removal
Defoliation
Windbreaks
Copper sprays
Leafminer control

CITRUS CANKER

An established infection in the Florida Citrus Industry

RESOURCES

- Citrus Research and Education Center Website www.crec.ifas.ufl.edu
- Canker Symptoms versus Common Citrus Diseases Laminated Sheet
- Packinghouse Citrus Canker Fruit ID Laminated Sheet
- Canker Flow Chart and Symptoms Laminated Sheet
- Canker Training DVD
- Canker Field Identification Pocket Guide
- 2008 Florida Citrus Pest Management Guide

CITRUS CANKER MANAGEMENT

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Archival copy: for current recommendations see http://edis.ifas.ufl.edu or your local extension office.
**CANKER HISTORY**
- **1910**: First introduction into Florida
- **1933**: First introduction of canker eradicated
- **1986**: Second introduction into Florida
- **1994**: Second introduction of canker eradicated
- **1995**: Third introduction into Florida
- **2000**: Statewide mandatory eradication 1,900-foot rule implemented
- **2002**: Quarantine areas were established when canker was detected
- **Mandatory statewide decontamination procedures became required**
- **2004-2005**: Removal of infected and exposed trees were delayed due to lawsuits
- **Hurricanes increased the spread of canker across the state**
- **2005**: First nursery infected with canker was found
- **2006**: Mandatory eradication ended
- **2007**: More than 20 Florida counties infected with canker
- **Removal of infected trees is now voluntary**
- **Decontamination procedures are required statewide to prevent the spread of citrus canker**

**CANKER SPREAD**
- Wind-driven rain
- Storm events
- Flooding
- Citrus leafminer
- Birds and other animals
- Overhead irrigation
- Human movement of infected plant material
- Human and equipment movement within groves
- Canker does not harm humans

**LEAF SYMPTOMS**
- Early symptoms appear as slightly raised, tiny blister-like lesions
- As lesions age, they turn tan to brown, and a water-soaked margin appears surrounded by a yellow ring or halo
- Center of the lesion becomes raised and corky
- Lesions are usually visible on both sides of a leaf

**FRUIT AND STEM SYMPTOMS**
- Dark brown or black raised, corky lesions surrounded by an oily or water-soaked margin
- Mature lesions appear scabby or corky

**CANKER SYMPTOMS**

For more information, please contact the University of Florida, IFAS, Citrus Research and Education Center, Lake Alfred 863-956-1151.