

# Fruit Tree Diseases and Misinformation



Mango

# Fungal Problems

- Most common problem
- High Humidity
- Excess moisture
- Excess rains
- Excessive irrigation/flooding



# Anthracnose





# Powdery Mildew





**Bacterial Black Spot**



**Anthracnose (Above)**  
**Black Spot (Right)**





# Mango Malformation





# Suity Mold





**Sri Lankan Weevil**





**Stink Bug**



**Avocado**

# Avocado

- Laurel Wilt
- Ambrosia Beetle
- Phytophthora Root Rot
- Avocado Flowers (A & B)
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# Laurel Wilt

- Affects Avocados near native Red Bay stands mostly near the everglades
- Fungal pathogen that spreads throughout the tree within 48 hours
- Once tree is infected almost certain death



# Phytophthora Root Rot

- Kills tree similarly to Laurel wilt
- Trees can succumb within 48 hours
- Large trees can survive but usually have massive dieback and slow recovery



# Avocado Flower Myth

- Both A and B flower types are NOT needed
- Type A flowers are receptive (Female) the first day and shed pollen the next (Male)
- Type B flowers shed pollen (Male) in the morning and are receptive in the afternoon (Female)
- Both types are open for 1-2 days and readily pollinate themselves with wind alone. Bees very Helpful.
- Having both A and B types does increase productivity but usually minimally



**Lychee Erinose Mite**



# Lychee Mite Control

- Cut affected branches and burn
- Spray tree with Neem oil
- Wettable Sulfur but not in conjunction with any oil
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# Citrus Greening

# Resistant Varieties

- Sour fruits most resistant
- Seedlings and Cuttings
- Lemons, Limes, Sour Oranges
- Navel Orange
- Sugarbell Orange
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