

# ACP and HLB: The Glass is Half Full



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Vice President of Operations  
Citrus Research Board





## Citrus Research Board Operations Committee

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- Formed in 2008 in response to the discovery of Asian citrus psyllid in San Diego County in September, 2008
- Vice President of Operations hired December 1
- Key personnel: Field Director, Laboratory Director, and Data Information and Management Director



# Citrus Research Board Operations Committee

## **Mission Statement**

The mission of the Operations Department of the Citrus Research Board is to maintain the economic viability of the California citrus industry by initiating and supporting proactive and reactive measures in response to invasive pests and pathogens.

# Citrus Research Board Operations Committee

## Long-Term Goals

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- Support efforts of the USDA, CDFA, and County Agricultural Offices that combat pests and pathogens of citrus
- Initiate efforts to detect, eradicate, contain, and/or manage pests and pathogens of citrus





# Citrus Research Board Operations Committee

## Short-Term Goals

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- Establish a regional management program for Asian citrus psyllid (ACP) and huanglongbing (HLB) that includes AZ, CA, MX, and TX
- Educate and train key personnel in the detection of ACP and disease symptoms of HLB
- Detect reservoirs of the HLB-associated pathogens in ACP vectors and plant material and eliminate inoculum sources

# Riverside Lab



1201 Research Park Drive –  
Suite 500  
Intend to be USDA certified



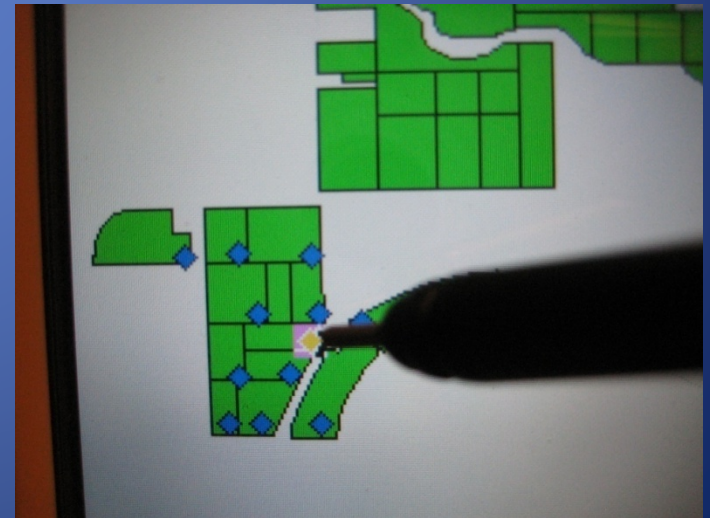
## Field Survey, Sample and Data Collection



# Field Program

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- Focus on commercial citrus and packing houses
- Trapping and visual survey
- GIS-based data capture
- Web-based data management





# Laboratory Program

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- High throughput, real time PCR
- Analyze both psyllids and plant material
- Test nursery stock
- Intend to pursue USDA certification





## Expand When Necessary

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- Engage growers, pest control advisors, pest control district personnel
- Utilize laboratory facilities at San Diego Agricultural Commissioner's Office
- Set up additional lab in the Central Valley (Disease Management Agency)

# Introducing:



**Brian Taylor, Field Director**

**Richard Dunn: Data, Information & Management Director**



**Dr. Cynthia LeVesque,  
Laboratory Director**