

**CALIFORNIA CITRUS PEST AND DISEASE PREVENTION PROGRAM  
SCIENCE SUBCOMMITTEE MEETING**

Meeting Minutes  
Thursday, September 7, 2017

The regular meeting of the Science Subcommittee was called to order at 1:30pm on September 7, 2017 in Tulare, California by Science Subcommittee Chairman Etienne Rabe.

**Committee Members Present:**

Dr. Ed Civerolo	Dr. Jason Leathers	George McEwen*
Jim Gorden	Dr. Elizabeth Grafton-Cardwell	Dr. Etienne Rabe

**Committee Members Absent:**

Dr. Melinda Klein

**CDFA Staff:**

Stephen Brown*	Victoria Hornbaker*	Leandro Ramos
Jason Chan	Sara Khalid*	Debby Tanouye
Nick Condos*	Paul Martinez*	Bob Wynn*
Jon Goergen*		

**Interested Parties:**

Brianna McGuire*	Kevin Olsen	Jack Williams
Katie Nieri*	Cressida Silvers*	Sandra Zwaal*
Dr. Sandra Olkowski	Keith Watkins	

**\*Participated via telephone/WebEx**

**Opening Comments**

Dr. Etienne Rabe welcomed the Subcommittee, staff, and members of the public participating in person and online. It was noted that there was a quorum for the meeting. Etienne noted that the mission to eradicate Huanglongbing (HLB) has not changed.

**Review CPDPC Draft Budget by Task and Area**

Nick Condos presented the CPDPC and CHRP Projection of Expenditures both for the ACP Management and HLB detection and eradication costs. Nick pointed out the variability of costs depending on the regions. There was a discussion of the different trapping survey distances from finds and the need for strategies to address this issue. Debby Tanouye stated that for most of

Northern California, CDFA utilizes Pierce's Disease's yellow panel traps for most of the season. Between November 1 and April 30, the traps are removed, and the County puts the traps back up for detection at a density of five traps per square mile. If there is a detection, then delimitation traps are placed at 25 traps per square mile within a 1.5 mile radius.

The Committee decided to group San Luis Obispo and Monterey counties with Southern California activities as opposed to Northern Counties. Debby described the required trapping and survey pursuant to protocols. Nick reminded the Committee that delimitation survey costs varies by area. Debby described the treatment activities for the Southern Region, which includes treating 400 meters around all commercial citrus where Pest Management Areas (PMA) meet the 90 percent treatment threshold. Trapping density is two traps per square mile.

Nick Condos discussed the costs associated with statewide biocontrol, citrus grove survey, regulatory enforcement of the quarantine regulations, statewide ACP management and grower liaisons. Nick stated that HLB detection includes activities in the border regions, which includes counties of Imperial and San Diego and consist of live collection of psyllids. Southern HLB detections includes delimitation trapping around HLB finds. In response to an HLB positive tree, an 800 meter survey is done at every property and every host plant is sampled, which includes ACP and leaf tissue sampling. If there is an expansion there will be additional cost. Nick Condos clarified that "ACP Diagnostics CDFA" from the PowerPoint is the accredited lab that performs testing for ACP and HLB. The University of Arizona is an accredited lab that can also perform lab analyses for ACP and HLB. Nick stated that CRB is still pursuing their accreditation to analyze plant and ACP samples, but they can do psyllid sampling until they are accredited. Nick corrected the budget for CRB at \$1,236,000 and not \$1,600,000 as shown in the report. The HLB statewide survey is the Gottwald risk survey.

HLB eradication or emergency response costs include treating for ACP in an HLB core and for tree removal. Statewide administration costs pay for CPDPP staff salaries, pro rata, travel and associated indirect costs. Nick clarified that his salary is not paid by CPDPC. Statewide outreach is for NST costs and the CRB grant on home grafting. Katie Nieri announced that NST has been awarded the new contract with CDFA in the amount of \$975,850 per year for two years.

#### Develop Recommendation for September 13 CPDPC Meeting:

Jim Gorden suggested eliminating buffer zone treatments next to commercial citrus and border treatment for now, increasing the release of Tamarixia in buffer zones areas, encouraging growers to implement area wide treatment, maintaining the ACP treatment in HLB quarantine zones, increasing HLB detection survey in Los Angeles and reducing delimitation survey from two years to one year post detection.

Etienne provided the following rankings:

- 1 – Non negotiable
- 2 – Important for now
- 3 – Not essential/nice to have
- 4 - Get rid

The Science Subcommittee assessed the risk and priority for each sub-budget using the ranking provided. The CDFA was tasked with using the rankings to develop amended budgets to present to the full Committee on September 9, 2017. Etienne suggested cutting the budget an additional 20 percent.

The meeting was adjourned at 5:00pm.