

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

Meeting Minutes
Wednesday, February 7, 2018

The regular meeting of the Operations Subcommittee was called to order at 9:00a.m. on February 7, 2018 in Riverside, California by Chairman Keith Watkins.

Committee Members Present:

John Gless	Link Leavens*	Kevin Severns*
Jim Gorden	Mark McBroom	Keith Watkins
Zac Green*		

CRB Staff:

Rick Dunn*	Gary Schulz	Qijun Xiang
Sandra Olkowski*		

Interested Parties:

Bob Atkins	Victoria Hornbaker	Cressida Silvers*
Jill Barnier*	Rachael Johnson*	Roger Smith
Erin Betts*	Sara Khalid	Jim Stewart*
Teri Blaser	Brett Kirkpatrick*	Carla Thomas*
Nick Condos*	Luci Kumagai*	Alan Washburn
Cassandra Davis*	Magally Luque-Williams	Scosha Wright
Dan Dreyer	David Morgan	Judy Zaninovich
Tina Galindo	Sylvie Robillard	Sandra Zwaal*
Geoff Hollenbeck*	Heather Scheck	

*** Participated via telephone/WebEx**

Opening Comments

Keith Watkins 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.

Approval of Minutes

Keith noted that the December 13, 2017 Operations Subcommittee meeting minutes had been reviewed and posted prior to the meeting, but that they were included in the packet for reference.

Southern California HLB Grove Survey

Cassandra Davis updated the Subcommittee on the number the activities associated with the commercial grove HLB survey. The program has 9,945 ACP collections sites in Southern California groves. They have collected 25,947 samples that are comprised of 129,550 adult ACP and 19,964 nymphs. Of the 25,947 ACP samples, 24,578 have been analyzed and found negative (or undetermined) for CLAs and 901 samples pending analysis. The program also collected 19 plant samples and all were negative.

Central Valley and Northern California Trapping and Treatment Update

Cassandra reported that the delimitation trap density for the Central Valley is 100 traps per square mile. She reported that there are 36 square mile grids trapped in Madera County with 471 traps placed in those grids. In Fresno County the program has placed 7,874 delimitation traps in 213 square mile grids. In Tulare County the program has placed 19,379 traps in 540 grids. There are 39 grids under delimitation in Kings County with 316 traps placed in those grids. There are 12,383 delimitation traps in 626 grids in Kern County. These traps do not include grove traps or County detection traps. In 2017 there were 11 ACP pest detections records in Fresno, 30 in Tulare, 91 in Kern (9 nymphs were collected), 9 in San Luis Obispo, 1 in San Joaquin, 2 in Stanislaus, 2 in Kings and 2 in Monterey. There were not any detections in Madera or San Benito County in 2017. In 2018, year to date the only county with detections is San Luis Obispo. There has been 11 ACP pest detections records in the Nipomo area of San Luis Obispo that were comprised of 67 adult ACP and 39 nymphs. She also presented a summary of ACP detections for each county from 2012-2017. There was discussion about the San Luis Obispo detections and the need to expand the response outside of the current 50 meter response area and also the possibility of switching to areawide treatment in San Luis Obispo County. Cressida Silvers, San Luis Obispo County Grower Liaison commented that she is only reaching out to growers that are within the 50 meter treatment area. Sylvie Robillard, Fresno County Grower Liaison stated that in the Central Valley they notify growers within 1 mile of an ACP detection and ask them to treat.

Motion: To recommend to the Full Committee that the Grower Liaisons reach out to growers within 800 meters of an ACP detection to coordinate a voluntary response.

First: John Gless

Second: Link Leavens

Motion Passes: All in Favor

HLB Survey Activities

Magally Luque-Williams gave an update for the Statewide Risk Survey and HLB activities in Orange, San Bernardino and Riverside Counties.

Risk Survey

The Program has completed 100 percent of cycle 1, surveying a total of 56,909 of the 76,370 proposed sites, collecting 20,769 ACP and 9,807 plant samples. She also noted that cycle 2 is 55 percent complete with 27,136 sites surveyed of the 80,245 proposed sites, collecting 7,389 ACP and 5,422 plant samples.

Anaheim

The Anaheim HLB response area has increased to 24,529 properties, the Program has completed surveys at 10,799 properties, collecting 5,009 plant samples and 2,948 ACP samples. 6,118 properties are considered no-host. There are 807 traps in the core areas and 212 of the traps had ACP. 13,320 trees have been treated on 5,483 properties and there are currently 207 treatment refusals. 146 HLB positive trees have been removed in Anaheim.

La Habra

There have not been any new detections in La Habra, The total number of properties in the La Habra HLB response area are 1,291. The Program has completed survey at 1,262 properties, collecting 489 plant samples and 265 ACP samples. 775 properties are considered no-host. There are 51 traps in the core and 14 traps had ACP. There are 1,113 trees in the HLB survey area. 1,113 trees have been treated on 491 properties. There was one HLB positive tree removed.

Fullerton

There have not been any new detections in Fullerton. The total number of properties in the Fullerton HLB response area are 1,892, the Program has completed survey at 1,864 properties, collecting 744 plant samples and 300 ACP samples. 1,145 properties are considered no-host. There are 89 traps in the core and 43 traps had ACP. 1,772 trees have been treated on 716 properties and there are currently 11 treatment refusals. There was one HLB positive tree removed.

Garden Grove

The total number of properties in the Garden Grove HLB response area are 6,984, the program has completed survey at 187 properties, collecting 160 plant samples and 80 ACP samples. 36 properties are considered no-host. There are 96 traps in the core and 63 traps had ACP. 419 trees have been treated on 380 properties. There has been 29 HLB positive trees removed.

Santa Ana

The total number of properties in the Santa Ana HLB response area are 3,698, the program has completed survey at 296 properties, collecting 175 plant samples and 56 ACP samples. 96 properties are considered no-host. There are 73 traps in the core and 62 traps had ACP. 434 trees have been treated. There has been 2 HLB positive trees removed.

Westminster

The total number of properties in the Westminster HLB response area are 2,305, the program has completed survey at 79 properties, collecting 111 plant samples and 50 ACP samples. There are 83 traps in the core and 65 traps had ACP. 356 trees have been treated on 426 properties. There has been 2 HLB positive trees removed.

Riverside

The total number of properties in the Riverside HLB response area are 2,019, the program has completed survey at 1,887 properties, collecting 704 plant samples and 216 ACP samples. 1,065 properties are considered no-host. There are 101 traps in the core and 38 traps had ACP. 2,296 trees have been treated on 610 properties and there are currently 7 treatment refusals. There were three HLB positive trees removed.

San Bernardino

The total number of properties in the San Bernardino HLB response area are 437, the program has completed survey at 225 properties, collecting 135 plant samples and 49 ACP samples. 106 properties are considered no-host. There are 73 traps in the core and 38 traps had ACP. 312 trees have been treated. This area is a voluntary response to a CLas positive ACP detection, no HLB positive trees have been detected so far.

Whittier

The total number of properties in the Whittier HLB response area are 2,306, the program has completed survey at 117 properties, collecting 63 plant samples and 11 ACP samples. 64 properties are considered no-host. There are 62 traps in the core and 38 traps had ACP. 117 trees have been treated on 39 properties and there are currently 6 treatment refusals. There has been 16 HLB positive trees removed.

Magally reported that the numbers reported were through January and that the numbers have changes in Anaheim, Garden Grove, Santa Ana and Whittier. In Orange County area there has been one detection in La Habra, one in Fullerton, 159 trees in Anaheim, 61 in Garden Grove, 2 in Westminster and 3 in Santa Ana. For Riverside County there have been three trees confirmed positive for HLB in the city of Riverside. In San Bernardino there has been only one CLas positive ACP detection and no HLB positive trees detected so far. The HLB border survey is ongoing in Imperial and San Diego Counties. The winter survey in Imperial County is 38 percent complete with 85 sites surveyed in 15 square miles, 1 ACP sample and 85

plant samples were collected. The winter survey in San Diego County is 100 percent complete with 108 sites surveyed in 32 square miles, 15 ACP sample and 99 plant samples were collected. There are currently 71,633 parcels in the HLB treatment areas, of those 58,551 are mandatory and 13,082 are voluntary. She also showed that the program finished assisting with the CA-1 project, collecting 1001 samples in support of the research project.

Rick Dunn asked about the ability of the program to keep up with the HLB tree removal and Magally responded that the program is looking to get a tree removal contract to assist with the increased number of tree removals. She noted that we are using our treatment and survey staff to remove trees and this takes them from their normal duties.

Keith would like to make a recommendation to the Full Committee that the program contract for tree removal services.

Tina Galindo gave an update for the Los Angeles HLB activities.

Hacienda Heights

There are currently 100 traps placed in the core square mile in Hacienda Heights. In October there were 69 traps collected with over 297 ACP, in November the numbers were the same as October and in December there was 51 traps with 172 ACP. The Cycle 6 cluster survey is complete, with 172 sites visited and 17 plant samples and 166 ACP samples collected, and 6 sites negative for ACP and plant samples. Cycle 1 is currently in progress and began on January 2, 2018. So far there have been 65 sites visited, 7 plant samples collected, and 65 ACP samples collected. Treatment was completed on November 30, 2017.

San Gabriel

There are 298 traps placed in the core square mile in San Gabriel. In November there were 199 traps out of 298 that had ACP samples and the approximate number of ACP recovered was 1,185 and in December, 157 traps had 583 ACP. Cycle 3 is complete and Cycle 1 began on January 10, 2018. In Cycle 3 the program visited 776 sites and collected 61 plant samples and 656 ACP samples, and there are 92 sites negative for ACP and plant samples. Treatments were completed on November 2, 2017.

Cerritos

There were 98 traps placed in the core square mile in Cerritos. In September there were 18 traps collected with approximately 84 ACP, in October 25 traps collected with 55 ACP and in November 15 traps with 36 ACP. Treatment occurred between August 24th and October 5th.

La Puente

There were 100 traps placed in the core square mile in La Puente. There were 37 traps collected in October with 130 ACP, 55 traps collected in November with 214 ACP and 52 traps collected in December with 141 ACP. Treatment occurred from August 14th through September 28th.

Rosemead

The Program has surveyed 108 properties in the Rosemead area and collected 70 plant samples and 43 ACP samples. 143 properties are no-host. Treatment began on January 23, 2018.

Norwalk

The Program has surveyed 416 properties in the Norwalk area and collected 91 plant samples and 34 ACP samples. 317 properties are no-host. Treatment began on January 2, 2018.

Pico Rivera

The Program has surveyed 3,962 properties in the Pico Rivera area and collected 2,018 plant samples and 651 ACP samples. There are 1,934 no-host properties. Treatment in the initial area was completed on

October 9th. There were 148 traps placed in the core square mile in Pico Rivera and there were 43 traps collected in December with 308 ACP. Treatment in expansions 21-25 is ongoing.

Jim Gorden asked for a scatter gram that would show how the core areas are expanding.

Tina mentioned that the Program continues to support sampling for several of the EDT labs and for follow-up samples on inconclusive results. The samples for Leveau lab were ceased at the request of the lab, as they noted that they have sufficient samples.

Southern California Areawide Treatment Update

Tina reported on the CDFA Southern California areawide treatment activities. The Merit application in Imperial (grove areawide and border buffer) and the San Diego (grove areawide and border buffer) start in a couple of weeks. Riverside (UCR, Coachella and Hemet area) is pending. San Bernardino treatments were complete in December 2018. In Santa Barbara they were told that there were not enough detections to allow for treatments to occur. The Ventura areawide treatments are ongoing.

Mark McBroom asked about the trapping stopping on the US/Mexico border. Magally explained that the program has switched to collecting live ACP for HLB analysis in 4 cycles per year. Mark mentioned that the Imperial PCD might want to provide support for trapping along the border.

Laboratory Report

Lucita Kumagai reported that the lab has processed 8,116 plant samples and 4,111 ACP samples in November and processed a total of 140,561 samples in 2017. The U of A, CRB and CPDP are all receiving ACP samples and their numbers are included in the totals. She also reported on the total HLB positive trees in each area; 165 in Los Angeles County, 227 in Orange County and 3 in Riverside County.

Biocontrol Update

Dr. David Morgan gave an update on biocontrol. The program has released 3,344,486 parasitoids so far this year and from 2011 through present they have released 8,688,229 parasitoids. Production is much better now due to the Cal Poly Pomona greenhouse. The CRB production is going really well. FAR is no longer producing for the program, but are now producing commercially and selling the biocontrol agents. The Program will continue to focus releases in the same strategy as last year, with the focus beginning near the HLB corer areas, around the US/Mexico border, along transportation corridors and a small amount into new areas. The Program has changed the monitoring protocol, looking at ACP populations, flush patterns and biocontrol establishment and incorporating an ant bait to see if that will increase parasitism rates. The Program will cease rearing Diaphorencyrtus, they are expensive to raise and it has been difficult to see establishment.

Regional ACP Update

Bob Atkins provided an update for the Grower Liaison activities. He noted that the San Diego Grower Liaison vacancy has been posted. Most of the areas have completed, or are completing the areawide treatments. He reported that he attended a summit earlier in the week with USDA and Mexico and was happy to see the collaboration and the improved diagnostic techniques that are being developed, including a new technique for root analysis and testing flush.

DATOC Report

Dr. Sandy Olkowski reported that the DATOC is working on a cost benefit analysis for looking at changes to operations. They are also doing a project to look at HLB positive trees and look for exposure over time to determine how quickly a tree is infected in the HLB core area. She mentioned that the portal for the expert panel members was completed and it is in beta testing now.

Data Management Report

Rick Dunn reported that Robert Johnson is assisting with Statewide Citrus Layer maintenance. Rick is supporting Psyllid Management Area group activities and regional ACP/HLB Task Force groups in various counties with mapping support services. Completed a major update of the Kern County Citrus Layer is in progress. He is receiving confidential data and using that to produce static maps. He continues to support the commercial grove trapping/survey program. They are also providing maps the Grower Liaisons.

Jim Gorden asked for more detail on the maps and Rick mentioned that he is constrained by the MOU as to the level of detail that can be presented in publicly facing maps.

ACP Regional Quarantine Update

The emergency Regional Quarantine went into effect on January 1, 2018, but the CDFA is allowing a grace period to allow for all parties to get new compliance agreements in place. Sara Khalid explained the transition to the Regional Quarantine, noting that the CDFA has a call center and has specific days scheduled at all field offices for compliance agreement holders to come in person for assistance. The CDFA has been in constant contact with the County AG Commissioners.

The meeting was adjourned at 11:22 a.m. The next Operations meeting will be held on March 7, 2018.