CALIFORNIA CITRUS PEST AND DISEASE PREVENTION PROGRAM COMMITTEE MEETING

Meeting Minutes
Wednesday, November 18, 2015

Opening:
The regular meeting of the California Citrus Pest and Disease Prevention Committee (CPDPC) was called to order at 10:00 a.m. on November 18, 2015 in Ventura, California by acting Committee Chairman Kevin Severns.

CPDPC Members Present:

Richard Bennett
John Gless*
Jim Gorden
Gus Gunderson
Link Leavens
Mark McBroom
James McFarlane
Kevin Olsen*
Etienne Rabe
Kevin Severns
Brian Specht

CPDPC Members Absent:

Craig Armstrong
Franco Bernardi
Bob Felts, Jr.
Nick Hill
Scott Mabs
George McEwen

CDFA Staff:

Stephen Brown*
Jason Chan
Tina Galindo
Adrian Gonzales
Luci Kumagai*
Magally Luque-Williams
David Morgan*
Colleen Murphy
Mike Pitcairn*
Aliza Santos
Debby Tanouye
Scosha Wright
Bob Wynn

Guests:

Bob Atkins
Katie August
Lanette Bankston*
Bryce Bannatyne
Jill Barnier*
Marjie Bartels
C.C. Callison
Vic Corkins
Aaron Dillon*
Dan Dreyer
Rick Dunn*
Enrico Ferro
Greg Galloway*
Diane Galvan*
Beth Grafton-Cardwell*
Subhas Hajeri*
Linda Haque
Nancy Holland
Alyssa Houtby
Evonne Kluska
John Krist
Leslie Leavens
Rudy Martel
Katie Nieri
Pat Nolan*
Curtis Pate
Sylvie Robillard
Cressida Silvers
Karen Suslow*
Brian Taylor*
Dan Willey*
Jack Williams
Helene Wright
Judy Zaninovich*
Sandra Zwaal

*** Participated via Webinar**

Opening Comments:
Acting Chairman, Kevin Severns, welcomed the Committee, staff, and members of the public participating in person and online and stated there is a quorum for the meeting.

Public Comment:
Marjie Bartels, an organic orange grower who resides in Bardsdale California and is concerned about the many neglected and abandoned orchards in her community. It is of great concern to her and other citrus growers in her area, that they are expected to treat for ACP however the abandoned properties have trees that are infested with ACP and remain untreated.

The Committee stated that neglected and abandoned orchards a huge priority and it has been an issue they have been dealing with for a few years now.

Bryce Bannatyne, owner of Rancho Resplandor, a lemon farm in Fillmore California made a comment regarding psyllid infestation in Redlands California. Bryce attended an onsite seminar in Redlands and saw a swarm of ACP on a tree in a housing development common area, which should be taken care of by the homeowner association. Bryce was told by a representative of the homeowners association, the San Bernardino County Agricultural Commissioner, and a member from the Ventura County Task Force that the tree was not going to be treated and that was a huge concern to him.

Statewide Coordinator, Bob Atkins stated that he is aware of the situation and John Blasius, San Bernardino County Grower Liaison is trying to meet with the homeowners association to educate them on how important it is to treat for ACP but no phone calls have been returned so far.

COMMITTEE BUSINESS & UPDATES

Kevin Severns reviewed the minutes from the Committee meeting that took place on September 9, 2015. There were no corrections.

> **Motion:** Approval of the minutes from the September 9, 2015 Committee meeting as presented.
> First: Mark McBroom
> Second: Richard Bennett
> Motion Passes: All in favor

FINANCE SUBCOMMITTEE REPORT & DISCUSSION

a. 2014/2015 Budget and Assessments

James reviewed the 2014/2015 budget and sub-budgets with the Committee. To date $13,808,826 in assessment revenue has been received with a remaining projected balance of $707,174. The assessment budget for fiscal year 2014/2015 is $17,154,195. Through September 2015 there has been $12,880,500 in expenditures to the assessment budget, leaving a balance remaining of $4,273,695. There has been $3,467,899 spent for urban treatment and $2,905,024 has been spent for central valley treatment and survey. These two sub-budgets have the highest expenditures to date. Central Valley treatment is $371,267 over budget due to the multiple ACP finds in that area.

The CHRP budget amount is $10,884,701. So far, $7,744,529 has been spent, with a balance remaining of $1,880,330. The CHRP budget received a one-time augmentation of $1,219,842. It has been identified that the best way to utilize the funding would be to transfer it to the assessment funds. $908,749 was used for commercial grove trapping and $311,093 was used for ACP winter trapping.

The TASC grant has a total budget of $475,000 and has no remaining balance to be spent. The Citrus Commodity budget also has no balance remaining to be spent. The National Institute of Food and Agriculture (NIFA) grant has a balance of $84,194 with nothing spent so far leaving the total balance available.

b. Variance Analysis Review
Year to date the ending variance for the assessment budget is -16.35 percent. There have been 75.09 percent of projected expenditures spent for fiscal year 2014/2015 so far.

c. 2015/2016 Budget
There was nothing to report for the 2015/2016 budget, as no expenditures had occurred as of September 30, 2015.

d. Review Budget Change Proposal and Requirements for Emergency Budget Authority
The budget that was adopted at the last CPDPC meeting was above the Committee's spending authority therefore James presented a spending authority tracking spreadsheet. The 2015/2016 authority is $15,617,668 and only 10 percent has been spent since July 1, 2015 leaving the remaining balance at $14,057,540. When the Committee spends 50 percent of the budget the Finance Subcommittee will prepare a revised spending plan to keep the program within the spending authority. At 75 percent spent, the Committee will need to take action to enact the revised spending plan.

Victoria stated that once the Committee reaches the trigger points of 50 and 75 percent, additional authority will be available. The Committee was also approved for a temporary budget change proposal for fiscal year 2016/2017 and fiscal year 2017/2018 to add an additional 1 million dollars in authority. However, the Department of Finance is concerned because the projected budget is outspending the projected revenue. Victoria discussed a few options for the Committee. Alyssa with CCM stated that the current statue allows the Committee to assess up to .09 cents per carton and legislation has been initiated per the Executive Committee to increase that authority up to .12 cents per carton starting October 1, 2016. There is concern about the time it would take to raise the authority in the case of an unpredicted emergency. A comment was made that the Committee can request emergency legislation to raise the CAP if more money was needed.

> **Motion:** To support legislative action to raise the assessment CAP from .09 cents to .12 cents per carton.
> First: Jim Gorden
> Second: Link Leavens
> Motion Passes: All in favor

The Committee is uncomfortable with the assessment CAP continuing to be increased. It was suggested to look at other options for the future to avoid raising the CAP to an even higher number. The Finance Subcommittee is going to look at other options going forward.

EXECUTIVE COMMITTEE REPORT & DISCUSSION

a. Regional ACP Management

Bob Atkins, Statewide Grower Liaison Coordinator gave several updates. All of the grower liaisons are working with commercial orchards to make sure that they are being treated, in both a timely fashion and in high percentages. Unfortunately a lot has changed in Kern County within the last 2 months with a significant amount of ACP finds in various locations in Bakersfield and South County. CDFA has discovered new trap detections almost daily. Judy Zaninovich, Kern County grower liaison has been working closely with the growers that have been affected.

There was a question asked regarding the 11 early detection suspect trees in Bakersfield. Victoria stated that CDFA is currently collecting psyllids from Kern County and they are being analyzed by PCR for HLB. There was a following question about the CT count from the psyllid samples. All samples have been come back negative.

b. Review Revised Committee By-Laws

Victoria presented the revised CPDPC By-Laws to the Committee for adoption. There was discussion about member term limits and member re-election for the same office. There was a comment made about lack of attendance and participation by Subcommittee members at the Subcommittee meetings.

> **Motion:** For a two year limit for Executive Officers with a maximum of two consecutive terms in the same office.
> The motion was moved by Mark McBroom passed with 10 yays; John Gless, Jim Gorden, Gus Gunderson, Link Leavens, Mark McBroom, James McFarlane, Kevin Olsen, Etienne Rabe, Kevin Severns and Brian Specht and one nay, Richard Bennett.

Victoria is going to amend the Committee By-Laws with the passed motion and the Committee will vote to approve the By-Laws at the next CPDPC meeting.

c. Adopt HLB Response Plan

Victoria presented the HLB response plan to the Committee for adoption.

> **Motion:** To approve the HLB response plan as presented.
> First: Jim Gorden
> Second: Etienne Rabe
> Motion Passes: All in favor

d. Transition to Statewide Quarantine

Victoria provided a map of proposed regulatory sub regions and discussed a few factors that would go into place if the Committee decided they wanted to transition into a statewide quarantine. CDFA currently is responding to ACP finds and setting quarantines in response to a

single psyllid find which has resulted in small quarantine areas throughout the state. The Statewide Quarantine Working Group (SQWG) has proposed to divide the state into four quadrants. Movement of anything from one quadrant to another quadrant would require mitigations and tarping for all movement. The Committee is concerned that if a statewide quarantine was put into place, ACP would spread much easier. There was further discussion about mandatory versus voluntary treatments. There was also discussion about the packing houses and their need for participation to ensure that the fruit coming into their packing houses is treated. Victoria stated that CDFA is working with CHP, and having inspectors come out to the weigh stations. If there is a truck with an untarped load, they will be inspected by CDFA to determine if they are in compliance. The Committee wants to see an inspector at the weigh station 24 hours a day because random inspections will not suffice. This is something CDFA is continuing to work on to improve.

Motion: To establish regional quarantines as outlined in the presented map and revised proposal with the following justification:

- Prevent pesticide resistance from the "spray and move" pesticides.
- Curtail movement of ACP to reduce the risk of moving HLB.
- Kern County may be declared a full county quarantine area based in increased ACP finds in new areas of the county, which will lead to opening up a pathway for unrestricted movement of bulk citrus and nursery stock into the Central Valley from heavily infested areas in Southern California. The Committee would like to preemptively act to establish regional quarantines outlining specific requirements preventing unrestricted ACP/HLB host movement.

The motion was moved by Etienne Rabe was seconded by Mark McBroom and passed with 9 yays; John Gless, Jim Gorden, Gus Gunderson, Link Leavens, Mark McBroom, Richard Bennett, Kevin Olsen, Etienne Rabe and Brian Specht and 2 nays; James McFarlane and Kevin Severns.

The Committee has also asked that Victoria check into seeing what it would cost to hire an inspector to be at the border/weigh stations 24 hours a day.

OPERATIONS COMMITTEE REPORT & DISCUSSION

a. HLB Survey Updates

Hacienda Heights

There are 100 traps placed in the core square mile in Hacienda Heights. In August there were 65 traps with ACP samples and an estimated 254 ACP collected. In September there were 73 traps with ACP samples and an estimated total of 329 ACP collected. In October there were 97 traps with ACP samples and a total estimated amount of 2,359 collected. Merit and Tempo treatments began September 24, 2015 and ended October 17, 2015. Survey cycle 1 was completed on February 24, 2015 and 683 sites were visited. The survey resulted in 456 ACP samples, 10 plant samples collected and 225 sites negative for ACP. Survey cycle 2 was completed on April 29, 2015. There were 638 sites visited with, 529 ACP samples collected, 49 plant samples collected and 112 sites negative for ACP. Cycle 3 was completed on June 29, 2015 and 621 sites were visited. The survey resulted in 376 ACP samples, 22 plant samples collected and 216 sites negative for ACP. Cycle 4 was completed on August 25, 2015 and 621 sites were visited. The

survey resulted in 416 ACP samples, 64 plant samples collected and 190 sites negative for ACP. Cycle 5 was completed on October 27, 2015 and 581 sites were visited. The survey resulted in 461 ACP samples, 250 plant samples collected and 90 sites negative for ACP. Cycle 6 began on November 9, 2015 and will be completed sometime in December. Thus far there have been 53 sites visited with 44 ACP samples collected, 26 plant samples collected and 9 sites negative for ACP.

San Gabriel

There are 100 traps placed in the core square mile in San Gabriel. In September there were 64 traps with ACP samples and an estimated 330 ACP collected. In October there were 86 traps with ACP samples and an estimated 1,179 ACP collected.

Risk Survey

Cycle 0 and 1 is complete in all counties. Cycle 2 has begun in Fresno, Kern, Kings, Los Angeles, Madera, Merced, Orange, Riverside, San Bernardino, San Diego, San Joaquin, Stanislaus, Tulare, Ventura, Imperial and Santa Barbara. Staff hopes to have cycle 2 complete by December. Cycle 2 is complete in Fresno, San Joaquin, Madera, and Kings Counties.

Magally also presented the San Gabriel high-intensity survey design that Dr. Gottwald and Weiqi Luo have deigned which is going to be implemented in San Gabriel. Magally went over the methodology and the residential ACP detections with the Committee. Out of 97,767 properties surveyed, ACP was found on 46,499 properties from January 2013 to July 21, 2015. The simulation is 3 cycles per year, 2 people per team, 22 days per month, 12 months a year bringing the total properties sampled per cycle to 17,600. This survey methodology is used to monitor HLB, check whether HLB has spread outside of the quarantine area and to determine the possible pathway for HLB to spread.

b. Treatment Updates

Tina gave an update in regards to treatment in Southern California. In Ventura, Somis, Santa Paula and Camarillo have all continued with area-wide treatment. There are a total of 12 treatment zones which are approximately 80 percent complete. Ojai is pending environmental consultation and public meetings with a total of 35 areas to treat. In Los Angeles, Hacienda Heights and San Gabriel are complete however a Tempo treatment is due for both areas. In Riverside, Hemet is complete but will need to be retreated in December or January. The UCR area-wide treatment is complete as well as the Coachella area-wide treatment. In San Diego, Borrego Springs is complete but there are some areas along the border that are pending environmental consultation. In Imperial County, Bard and Winterhaven are complete. Calexico is pending environmental consultation.

Proposed Amendment to Central Valley ACP Response Plan

Jim Gorden and Victoria Hornbaker presented the proposed improvements to the ACP trapping program to the Committee. CDFA staff has provided 3 suggestions for delimitation trapping, visual survey and treatment for a single psyllid find. Option 1 is the current central valley protocol. Option 2 is 100 traps in 9 square miles and visual survey and treatment at the find site and on adjacent properties, and option 3 is the northern California protocol. For more than one psyllid find, either initially or at a later date, the option 1 protocol remains the same as the single

find protocol. Option 2 is 100 traps in 9 square miles and visual survey and treatment 800 meters within 3 months, and option 3 still remains: the northern California protocol. The amount of funding on trapping and visual survey in the central valley continues to increase significantly every year with a total amount of $8,699,264 spent since fiscal year 2012/2013. The current northern California protocol is the increased trapping which includes 100 traps per 9 square miles from the find site, visual survey within 200 meters, and 50 random chosen locations for more visual surveying. Treatment for a single psyllid that is found a mile and a half from commercial groves is 100 meters. If there are two psyllid finds within 6 months or within one and a half miles of commercial citrus, then the treatment is 400 meters.

Motion: To implement the proposed amendment to the Central Valley ACP response plan.
First: Jim Gorden
Second: Gus Gunderson
Motion Passes: All in favor

Bakersfield Update

Since mid-September, ACP has been detected at about 100 sites in Kern County. The majority of the detections were in Bakersfield. For each site, there are 100 traps in the core and 50 traps in the first buffer. There are approximately 4,500 delimitation traps in Kern County and 3,500 in Bakersfield alone. Traps have been serviced either daily or every other day and there are 15 trappers working in the area. For each site CDFA staff survey 800 meters. Since September, staff has surveyed 6,206 sites. Staff is transitioning to surveying 200 meters around each site. There have been two sites found with multiple psyllids. Staff are transitioning to surveying 200 meters around each find site to save personnel. For each site, staff treat 800 meters. Since September approximately 1,750 properties have been treated and staff are holding a series of public meetings.

San Mateo Treatment Update

There was an ACP detected on a county trap in Daly City. CDFA staff then conducted the visual survey and picked up another psyllid in Pacifica. The survey of both areas is complete and the 400 meter treatment around both finds will begin on November 19, 2015. Trapping is still ongoing with no additional finds.

Santa Barbara Transition to Area-wide Response

Victoria reported that there is approximately 1400 acres of commercial acres and there have been multiple ACP finds around commercial groves. There has been historical resistance to treatments in residential areas. Coordination under psyllid management areas (PMA's) will help with resource management. The Santa Barbara Grower Liaison and the County Agricultural Commissioner are prepared and ready to move forward with area-wide treatment.

Motion: To move to area-wide treatment in Santa Barbara County.
First: Jim Gorden
Second: James McFarlane
Motion Passes: All in favor

c. Biocontrol Program Update

David Morgan gave an update on the Biocontrol Program. Year to date 2,876,878 Tamarixia, and 101,205 Diaphorencyrtus have been released. These numbers include the greenhouse, as well as the outdoor screen house production. Releases are ongoing in organic and abandon groves. In addition to the releases, program staff has been monitoring to see how well the wasps are establishing. Diaphorencyrtus has been established at 4 different sites so far. Staff has also teamed up with the County Agricultural Commissioner in Imperial County and released some wasps there. CRB, USDA and UCR have been sending the biocontrol agents to Arizona for release. There are 29 sites that are monitored once a month and in all environments (desert, coast and inland) the parasitoid rate is 60 percent on average. There was a question about establishment on organic production. David stated that all of the monitoring being done by CDFA staff is in urban areas. UCR and Mark Hoddle's staff has been monitoring production in organic groves but David does not have that data to provide. There was another question asked about the progress on a document outlining the protocol for biocontrol releases. Jim Gorden stated that there will be further discussion at the next Biocontrol Task Force meeting in January.

d. Lab Update

Luci Kumagai gave an update on the CDFA lab in Sacramento. Ongoing surveys of high risk and HLB quarantined areas have resulted in unprecedented volumes of both ACP and plant samples the year, up to 94 percent in ACP and 44 percent in plant samples compared to last year's total. Since 2008, CDFA has sampled 87,820 plant samples and 86,623 ACP samples. In 2015, through October, CDFA has sampled 19,581 plant samples and 56,924 ACP samples. The second follow up visit to sites that gave inconclusive or high Fam Ct values (<39) in 2013 and 2014 and 2015 is underway. Plant tissue and ACP will be retested from these follow up sites.

SCIENCE SUBCOMMITTEE REPORT & DISCUSSION

Bob Atkins gave an update on the second EDT study that is starting in early December in Texas. A proposal has been presented to the CRB board and they have augmented the initial funding. The design and funding are in place and the dates are scheduled to start the sampling in December.

OUTREACH SUBCOMMITTEE REPORT & DISCUSSION

Katie with Nuffer, Smith, Tucker (NST) presented the newest PSA for the Committee to watch. The Committee was concerned with there not being a picture of the ACP. Katie stated that since the video had a 30 second time frame there was not enough time to include the psyllid however all other outreach does include pictures of the psyllid and the two complement each other. There was a proposal that was presented to CRB from Cal Poly Pomona; however since it is not a research proposal it has been passed to the CPDPC as an outreach proposal. Students are being trained on outreach and attending local area events and talking about ACP/HLB. They are requesting $24,460 in which a grant can be issued for if the Committee is in favor of supporting the proposal.

Motion: To fund the ACP/HLB outreach at Cal Poly Pomona.
First: Link Leavens
Second: James McFarlane
Motion Passes: All in favor

REPORT FROM CHRP COUNCIL
There was nothing to report.

CRB REPORT
Jack Williams with CRB gave a brief report on behalf of Gary Schulz, CRB president. On September 22, 2015 CRB held an annual meeting in Lindcove. The assessment rate for 2015/2016 remains at 4 cents a carton which will equal to approximately $7.6 million for the year. Other income total is $2.4 million. The 2015/2016 budget allocates $8.4 million. 84 percent of the budget will be spent on research or research related activates and approximately 70 percent of the budget will be spent on ACP/HLB projects. The newly elected officers for the year include Richard Bennett, Dan Dreyer, and Toby Maitland-Lewis. CRB lab is undergoing a reassessment with CDFA and USDA to regain accreditation.

The meeting was adjourned at 3:30 p.m. The next meeting will be held in Visalia, California on January 13, 2016 at 10:00am.