

**CALIFORNIA CITRUS PEST AND DISEASE PREVENTION PROGRAM  
COMMITTEE MEETING**

Meeting Minutes  
Thursday, October 20, 2016

**Opening:**

The interim meeting of the California Citrus Pest and Disease Prevention Committee (CPDPC) was called to order at 10:00 a.m. on October 20, 2016 in Tulare, California by Committee Chairman Nick Hill.

**CPDPC Members Present:**

Craig Armstrong*	Gus Gunderson	James McFarlane
Richard Bennett	Nick Hill	Kevin Olsen
Franco Bernardi	Link Leavens	Etienne Rabe
Bob Felts, Jr.	Mark McBroom	Kevin Severns
John Gless	George McEwen	Brian Specht
Jim Gorden		

**C DFA Staff:**

Nick Condos*	Victoria Hornbaker	Debby Tanouye*
Melinda DeHerrea	Magally Luque-Williams*	Bob Wynn*
Tina Galindo*	Colleen Murphy	

**Guests:**

Ruben Arroyo	Marilyn Kinoshita	Carla Thomas
Bob Atkins	Brett Kirkpatrick	Rayne Thompson
Lannette Bankston	John Krist*	Keith Watkins
Dan Dreyer	Leslie Leavens*	Judy Zaninovich
Aaron Dillon*	Joel Nelsen	Sandra Zwaal*
Rachel Garewal*	Sylvie Robillard	
Linda Haque*	Cressida Silvers*	

**\* Participated via Webinar**

**Opening Comments:**

Chairman Nick Hill 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:**

There were no public comments.

## COMMITTEE BUSINESS & UPDATES

### **5th International Research Conference on Huanglongbing**

Victoria Hornbaker discussed the upcoming 5<sup>th</sup> International Research Conference on Huanglongbing. The meeting will be held at the Hotel Caribe in Orlando Florida the week of March 13, 2016. She noted that she would like to begin the process for seeking approval for out of state travel. She noted that in 2015 three CDFA staff traveled with the support of the CPDPC and recommended Lucita Kumagai and Dr. David Morgan. Nick Hill mentioned that it might be good to send Debby Tanouye or Tina Galindo. He also noted that he and several other CPDPC members should attend. Jim Gorden stated that it is worthwhile for key staff to attend, including Victoria and Luci. Richard Bennett recommended that Bob Atkins attend and Bob noted that he has funding for travel in his contract and would be able to attend via the contract. It was determined that 4 staff and 3 Committee members should be supported to by the CPDPC to travel to the Conference.

**Motion:** To recommend approving travel to the 5<sup>th</sup> International Research Conference on HLB in Orlando Florida for 3 Committee members and 4 CDFA staff.

First: James McFarlane

Second: John Gless

Motion Passes: All in favor

### **Regional Quarantine Discussion**

#### Review Map Recommended on 9/14/16

Mark McBroom discussed the map that was presented at the CPDPC in September. He was concerned about separating Imperial and the Coachella Valley (Southern Riverside), from San Diego, Riverside and San Bernardino. He also felt that Orange County should be combined with Los Angeles as the HLB quarantine spans 3 square miles into Orange County. He did mention that the mitigations for movement should be discussed and firmed up before finalizing the map. Bob Atkins noted that there is some commercial citrus in Southern Orange County and that they pack in Riverside County. Mark and Bob agreed that the map should be drawn as to allow the movement of the commercial citrus to the packinghouse. Joel Nelsen mentioned that Imperial and Coachella were made into a separate region because they have pest control districts and are doing a good job controlling ACP populations. Mark noted that most of the citrus moves north from Imperial and Coachella to pack not the other way around and thus he lobbied to combine regions 3 and 4, except Orange County. Craig Armstrong noted that there are multiple bulk juice loads moving daily from San Diego, through Coachella and/or Imperial to Arizona for processing. Brett Kirkpatrick noted that the majority of Orange County fruit moves to Ventura and Kern County to pack. He also noted that much of the Riverside and Imperial fruit moves to Ventura to pack. There was some discussion about the risk of HLB from Mexico and Los Angeles and the group agreed that the risk from both areas should be considered equally in the formation of the regions. Mark noted that each region should actively work to protect the groves and that protecting the packinghouses and ease of movement should be secondary. Craig stated that the growers need to actively work to keep the groves clean and should be looking for ACP in their groves. Joel expressed concerns about combining regions 3 and 4 because region 3 has the pest control districts and region 4 does not.

**Motion:** To recommend adopting the regional quarantine map with edits, combine Orange County and Los Angeles County into one region and to combine regions 3 and 4 into a single region.

First: Mark McBroom

Second: George McEwen

Motion Passes: All in favor

#### Review Mitigations for Movement of Bulk Citrus

Victoria noted that some information on mitigation measures was sent out to the committee members for them to review prior to the meeting. She noted that Dr. Beth Grafton-Cardwell is looking at post-harvest fumigation (one of the links Victoria sent was for Bean Thrips on citrus so there is precedent for use on citrus). Victoria stated that Beth mentioned that they are continuing to test the fumigations to see if they can get better efficacy, they are currently getting around 80 percent efficacy, but are noting difficulty getting penetration throughout the bins. Victoria discussed the existing mitigation measures (pre-harvest insecticide spray or field cleaning) and the need to do additional enforcement activity to make sure that the current performance standards are being met. She noted that she is having a conference call with the Counties to move forward with developing work plans that would include origin and destination enforcement activities, similar to the Peirce's Disease Program's activities. She discussed the wet wash noting that the Committee had supported wet wash as the best mitigation option in the past and that the Science Advisory Panel had made the recommendation that wet wash was the best mitigation measure to employ. She stated that she was unable to find any information that was specific to bin drench for citrus, but did see some small scale bin drench study on apples. She said that the lack of data for the bin drench and fumigation would not allow them to be viable options, so the current options that have been evaluated would include pre-harvest spray, field clean or wet wash. Link Leavens stated that Dr. Beth Grafton-Cardwell and Neil McRoberts were not supportive of the pre-harvest sprays. Joel mentioned that coordinated sprays will work and recommended removing wet wash, bin drench and fumigations are not proven to be efficacious. He feels that coordinated sprays with tarping would be the most efficacious. There was discussion regarding efficacy of the pre-harvest sprays. Franco Bernardi asked why wet wash doesn't work and Joel answered that there is not capacity and that it damages fruit. Mark noted that the continued respraying to use the pre-harvest spray has caused other insect pests to blow-up. Craig stated that from the Coachella perspective that there is capacity at local houses to do the wet wash and that when you look at the damage from the alternate pest issues its better than pre-harvest spray. Joel noted that Dr. Spencer Walse and Beth are working on the efficacy analysis. Both John Gless and Etienne Rabe have offered to assist the researchers in finding locations to do the efficacy studies. Rayne Thompson asked how the regions can develop better communication to fine tune the recommendations for treatments. Victoria noted that is there are PMA's and that they communicate with the grower liaisons and the UC, Rayne noted that those recommendations may not work for the entire region and that they should be revised. Nick reminded the group that they have been discussing this for over a year and that multiple times they have recommended the wet wash as the best mitigation measure. There was considerable discussion about maintaining the ability to add mitigation measures to the performance standard as they become efficacious and viable. The pre-harvest spray will be phased out by March 31, 2017. Nick stated that the mitigations will be required for all citrus loads moving from one region to another region.

**Motion:** To recommend maintaining the existing performance standards for mitigating the movement of ACP out of a quarantine area until wet wash capacity can be phased in and at that time phase out the preharvest spray option and to add other alternative mitigations as they become scientifically viable and efficacious.

First: Jim Gorden

Second: Link Leavens

Motion Passes: Ten yays; Craig Armstrong, Franco Bernardi, Jim Gorden, Gus Gunderson, Mark McBroom, George McEwen, Richard Bennett, Link Leavens, Nick Hill, and Brian Specht, five nays; Kevin Olsen, James McFarlane, Bob Felts, Jr., Dr. Etienne Rabe and Kevin Severns and one abstention; John Gless.

#### Review Areawide Treatment Protocols

Bob Atkins stated that the best successes have been in areas that have implemented pest control districts, because they can fund application and enforce the participation in the program. He noted that San Diego and San Bernardino are looking into the feasibility of forming pest control districts. Mark mentioned that the entire state should be a pest control district. Nick stated the Committee is essentially a statewide pest control district. Etienne noted that the CDFA is uncomfortable with the request for mandatory treatments, but Victoria stated that CDFA will look at a proposal for mandated areawide treatments. Joel agreed that the grower liaisons are doing a good job, but that the CPDPC can give them the ability to make these activities mandatory, thereby doing an even better job. Gus Gunderson, stated the pest control districts can be sued and that in some areas of the state like Ventura there would be considerable resistance to forming a pest control district. Nick wants to move forward and push it hard because we should be doing areawide treatments in the central valley too. Existing pest control districts would be grandfathered into the program. Kevin Olsen stated that the details of the program would be reviewed by the Committee. Nick noted that the UC would be the entity that would make the recommendations on treatment timing and options. Victoria noted that Neil, Carla and Beth received MAC funding to conduct ACP sampling in the commercial groves to look at populations before and after the applications. Craig requested that the treatments are not conducted based on one set of recommendations, but that they are fine tuned to the local areas to make sure that treatments are being applied at the right time of year to be efficacious.

**Motion:** To recommend moving forward with mandatory areawide Asian citrus psyllid management.

First: John Gless

Second: Dr. Etienne Rabe

Motion Passes: All in favor

#### Review Enforcement Current and Proposed

##### Tarping Requirements

Victoria stated that currently along with the performance standard tarping is required if the bulk citrus has been treated, but it is not required if the citrus was field cleaned. She stated that at the previous meeting the Committee made a recommendation to require mandatory tarping of all loads. Nick mentioned that tarping if done appropriately will aid in enforcement. John Gless asked about tarping and the potential to release the ACP at packinghouses. Nick mentioned that

at least you would only be removing the tarp at the packinghouse, not somewhere along the transportation corridor. Rayne stated that Sunkist growers were supportive, but were concerned about growers who only move a short distance from grove to packinghouse. Kevin Severns recommended using a system similar to the Peirce's Disease program.

**Motion:** To recommend requiring mandatory tarping to the truck bed for all citrus loads moving between and within quarantines as soon as possible. Tarps must comply with the USDA Guidelines. The motion was seconded by George McEwen and passed unanimously.

First: Link Leavens

Second: George McEwen

Motion Passes: All in favor

#### Enforcement Activities

The program will be meeting with the Counties and the Peirce's Disease Program to get work plans in place. The program will begin scheduling blitzes with the CHP and if possible local sheriff offices for additional enforcement. Ruben stated that the Counties can make contact and describe the code section and the authority and they should be able to assist. They will need a state code and not a compliance agreement. There was some discussion about how long juice trucks sit at packinghouses and that there might be some potential for reinfestation if it sits for extended periods of time. Staff will look at potentially getting some small level research to see if the loads are attractive to ACP after being washed, but not tarped as they are sitting at a packinghouse.

#### ACP Response Plan

Debby and her staff are having a meeting on November 1 and 2 to work with Grower Liaisons, researchers and some key County staff to develop a solid ACP response plan that can be used 5 years into the future to make sure that CDFA is doing the best job for the Committee.

#### Other Items

Mark would like to see the compliance agreements to see about making changes. Victoria will talk to him offline.

The meeting was adjourned at 1:15 p.m. The next meeting will be held in Ventura, California on November 9, 2016 at 10:00am.

# Modified Regulatory Areas - Proposed

