#### **CONSENT AGENDA**

#### 1. Minutes approval from June 28, 2023 meeting

#### CALIFORNIA CITRUS PEST AND DISEASE PREVENTION COMMITTEE MEETING

Meeting Minutes Wednesday, June 28, 2022

#### **Committee Members Present:**

Craig Armstrong\*Bob Felts Jr.\*Kevin BallJohn Gless\*Franco Bernardi\*John C. GlessBrad CarmenJim GordenAaron DillonJim Gorden

Mark McBroom Etienne Rabe\* Rod Radtke Keith Watkins

#### **Committee Members Absent:**

Jared Plumlee

Gregorio Rundini

Roger Smith

#### California Department of Food and Agriculture (CDFA) Staff:

**Ravneet Behla\*** Lea Pereira\* Anmol Joshi Fernando Berber Sara Khalid\* David Phong\* Karina Chu\* Arima Kozina\* Grace Radabaugh\* Kiana Dao\* Sarah Kraft\* Alisha Rios\* Paul Figueroa\* Betty Lee\* Rathkiry Siv\* Stephanie Fragoso\* Zack McCormack\* Javier Tobar\* Jorge Garcia\* Jana Miscevic\* ThuyVy Truong\* Nilan Watmore\* David Gutierrez Alex Muñiz\* Spencer Hom\* Lauren Murphy Jennifer Willems Victoria Hornbaker Keith Okasaki\* Jason Wu\*

#### Guests:

Price Adams\*Melinda Klein\*Rick Dunn\*Jessica Leslie\*Lisa Finke\*Weiqi Luo\*Brady Gergovich\*Marcy Martin\*Ryan Gifford\*Joey Mayorquin\*Subhas Hajeri\*Mia Neunzig\*Logan Henderson\*Sandra Olkowski\*

Greg Parra\* Curtis Pate\* Cressida Silvers\* Karen Westerman\* Qijun Xiang\* Judy Zaninovich\* Sandra Zwaal\*

\*Attended the meeting virtually.

#### **Opening Comments**

Mark McBroom called the Citrus Pest and Disease Prevention Committee (CPDPC) meeting to order at 9:06 a.m. Mark McBroom welcomed the committee, staff, and members of the public participating in person and online. There was a quorum for the meeting.

#### **Public Comments**

There were no public comments.

#### **APPROVAL OF CONSENT AGENDA ITEMS**

The Consent agenda contained minutes from the April 12, 2023 Committee meeting.

Motion: To approve the consent agenda as presented.First: Keith WatkinsSecond: Rod RadtkeMotion Carries: The motion passed unanimously.

#### FINANCE SUBCOMMITTEE REPORT

#### **Review 2022/23 Budget Expenditures and Revenue**

Bob Felts Jr. presented the Citrus Pest and Disease Prevention Division (CPDPD) 2022-23 Fiscal Year (FY) budget expenditures and revenue. March 2023 and April 2023 have closed in the Financial Information System for California (FI\$Cal). March 2023 closed with \$4,189,912 in expenditures and April 2023 closed with \$2,003,187 in expenditures. The FY 2022-23 year-to-date total is \$30,071,167 with a remaining balance of \$14,378,588. Bob explained that the high March 2023 expenditures are due to many county and outreach invoices that were processed during the month. CPDPD has liquidated and disencumbered many contracts which decreases the total amount of obligated expenditures and will impact the upcoming Fund Condition Statement. Total expenditures are projected to come in around \$36 million.

Bob reported that 2022-23 FY revenue increased by \$3,666,505 since the previous meeting, bringing the year-to-date total of revenue received to \$9,512,518. This converts to a year-to-date total of approximately 135,893,114 cartons.

#### 2023/2024 Budget Review and Approval

Victoria Hornbaker presented the proposed budget for FY 2023-24. She reported that the cost of treatment contracts have more than doubled. She also reported that an increase in the indirect costs was due to Cal-Cannabis no longer being within CDFA and all divisions having to absorb those indirect costs. Discussion ensued on identifying potential cuts to include seasonal positions, the data-analysis and mapping unit at Citrus Research Board (CRB), treatment activities, grove trapping, risk-based survey, and outreach.

**Motion:** To set the 2023/2024 Committee budget at \$41.5 million with all program and budget changes being presented to Finance and Operations Subcommittees.

#### First: Bob Felts Jr.

Second: Jim Gorden

**Motion Carries:** The motion passed with 10 yays (Mark McBroom, Craig Armstrong, Kevin Ball, Brad Carmen, Bob Felts, Jr., John C. Gless, Rod Radtke, Aaron Dillon, Jim Gorden, and Keith Watkins).

#### **Review Fund Condition Statement (FCS)**

Bob presented a timeline showing Agriculture Fund (Ag Fund) expenditures and revenues for CPDPD since FY 2018-19. Total revenue has decreased each year due to lowering the assessment rate in FY 2020-21 and FY 2021-22. Total Ag Fund costs in FY 2018-19 were \$3,050,237.41 and the following FYs recorded \$14,505,808.35, \$19,127,769.86, and \$23,617,239.03, respectively. This shows that a \$10 million credit was applied to the Ag Fund in FY 2018-19.

Bob presented the current Fund Condition Statement (FCS) with updated numbers for FY2021-22 from the Budget Office. Carl Baum explained that FY2022-23 is not closed yet so the figures presented are calculated estimates and are subject to change. As of the day of this meeting, the federal agreement has not been executed by the United States Department of Agriculture (USDA). CPDPD has submitted the necessary documents for processing and is waiting for the execution of the agreement to begin billing for it. Committee members were reminded that the CPDPC aligned with the state FY budget cycle in FY 2021-22 for a budgeted year of only 10 months. CPDPD has also received an additional \$1.3 million from USDA and can expect a total of \$13,444,301 in federal funding for FY 2022-2023. Carl reported that when the FY 2022-23 closes on June 30, 2023, there will be approximately \$3,900,000 in encumbrances that will begin to resolve starting on July 1, the first day of the FY 2023-24. Bob reported that with the 2022-23 carry-in of \$10,391,365, the fund balance comes to \$5,533,803 less encumbrances.

#### Discuss 2023/24 Assessment Rate

Bob reported that using a figure of 170,000,000 cartons and raising the assessment rate to \$0.09 from \$0.07 per carton would generate approximately \$15,000,000 in revenue. He suggested further discussing moving the assessment rate at the CPDPC meeting in August.

#### HUANGLONGBING (HLB) RETAIL NURSERY PROPOSAL

Aaron Dillon presented parameters for citrus nursery stock for retail sales in HLB quarantines. Since 2013, sources used to produce citrus nursery stock must be maintained in an insect resistant structure and tested to ensure they remain disease free. If the public does not have access to clean citrus nursery stock produced at regulated establishments, they are more likely to seek out unregulated stock. The proposed program would allow clean nursery stock to be sold in limited quantities and for a limited time inside of big box stores. These proposed regulations would be monitored and regulated under compliance agreements. Aaron further stated that growers are seeing illegal propagation of citrus within the quarantine zones. Some committee members had angst over potentially selling more backyard trees in already

infested areas. Keith Okasaki stated that as the quarantine zone has grown, CDFA staff have seen an increase in black market sales. Keith also stated that residents will continue to purchase citrus for their backyards and this program provides a way for residents to acquire clean nursery stock. Mark McBroom suggested that the Operations Subcommittee take a deeper dive and provide a recommendation to the full committee in August.

#### ACP CANINE DETECTION TEAM DISCUSSION

Lisa Finke presented an update on the ACP Canine Detection team. The working group reviewed the development of a food safety risk assessment. A detector canine comparative budget was also completed. The overall cost to support one canine team, including the training of new dogs following the retirement of all dogs by the age of 9 years, would be \$396,000. Mark McBroom recommended that the operations subcommittee provide a recommendation to the full committee on the utility of the canine detection team.

#### OTHER ITEMS, CLOSING COMMENTS AND ADJOURNMENT

The meeting adjourned at 12:58 p.m. The next meeting will be on August 9, 2023 in Visalia, California.

#### 2. Approval of 2023-2024 Committee and Subcommittee Calendars

The attached Committee and Subcommittee calendars (Attachment 2a and 2b) have been reviewed and vetted by California Citrus Mutual, Citrus Research Board, California Citrus Quality Council, Sunkist and the Citrus Pest and Disease Prevention Committee.

#### 3. Approval of CDFA/CCTEA Memorandum of Understanding

The attached Memorandum of Understanding (MOU) (Attachment 3) is entered into by virtue of California Food and Agricultural Code Section 5930 which provides authority for the Committee, in consultation with the California Department of Food and Agriculture, to enter into an MOU with citrus pest control districts responsible for funding citrus tristeza virus prevention activities. This MOU is renewed annually.

#### 4. CPDPC Member Term Renewal

The following Committee Members terms (Attachment 4) are due to expire on September 30, 2023 and all have agreed to serve an additional term. Their new term will expire September 30, 2027.

Brad Carmen John C. Gless Jared Plumlee



#### **Revised Meeting Calendar**

#### August 2023 – November 2024

Date	Location						
August 9, 2023	Visalia						
November 8, 2023		Riverside					
February 21, 2024			Ventura				
May 8, 2024*	Visalia						
August 14, 2024		Riverside/San Bernardino					
November 13, 2024			Ventura				

\*Budget Meeting



#### Subcommittee Meeting Calendar

#### August 2023 – November 2024

Finance 9:00-10:00	Executive 10:00-11:00	Operation 9:00-12:00	Outreach 1:30-3:30	Science (TBD) 2:00-3:00
August 1, 2023				
October 10, 2023	October 25, 2023	October 11, 2023	October 11, 2023	
November 7, 2023				
	December 13, 2023			
January 9, 2024		January 10, 2024	January 10, 2024	
	March 25, 2024			
April 9, 2024		April 10, 2024	April 10, 2024	
May 14, 2024				
	June 26, 2024			
July 9, 2024		July 10, 2024	July 10, 2024	
	September 25, 2024			
October 8, 2024		October 9, 2024	October 9, 2024	
November 12, 2024				

#### MEMORANDUM OF UNDERSTANDING

Between the California Citrus Pest and Disease Prevention Committee (Committee) and the Central California Tristeza Eradication Agency (Agency) by and for the Southern Tulare County Citrus Pest Control District, the Central Valley Pest Control District and the Kern County Citrus Pest Control District.

#### ARTICLE 1 – PURPOSE

This Memorandum provides for the cooperative participation between the Committee and the Agency for the purpose of funding the implementation of the citrus tristeza virus effective plan.

#### ARTICLE 2 – AUTHORITIES

This Memorandum is entered into by virtue of California Food and Agricultural Code (FAC) Section 5930 which provides authority for the Committee, in consultation with the California Department of Food and Agriculture, to enter into a memorandum of understanding (MOU) with citrus pest control districts responsible for funding citrus tristeza virus prevention activities. The Agency is created by a Joint Powers Agreement (JPA), (Exhibit A) by and between the Southern Tulare County Citrus Pest Control District, the Central Valley Pest Control District and the Kern County Citrus Pest Control District (Districts).

#### **ARTICLE 3 – RESPONSIBILITIES**

This Memorandum serves to establish the parties' responsibilities under the MOU, and to define in general terms the basis on which the parties will cooperate.

#### ARTICLE 4 – MUTUAL AGREEMENT

The cooperating parties agree:

- 1. The JPA provides common powers to the Agency as those held by the Districts, pursuant to FAC Section 8401, et. seq., for the eradication, removal, or prevention of spread of any and all citrus pests.
- 2. The Committee was formed pursuant to the Citrus Disease Prevention Act (Act) codified at FAC, Section 5911, et. seq.
- 3. The Act requires the Committee and the Districts to enter into a MOU for the purpose of funding the implementation of the citrus tristeza virus effective plan.

#### ARTICTACLE 5 – COMMITTEE RESPONSIBILITIES

The Committee shall continue with its responsibilities regarding Asian citrus psyllid/Huanglongbing prevention efforts, and periodically consult with the Technical Advisory Committee (TAC) of the Agency regarding the Agency's operation of the citrus tristeza virus effective plan.

#### ARTICLE 6 – AGENCY RESPONSIBILITIES

On behalf of the Districts and pursuant to the JPA, the Agency shall carry out the Districts' and Agency missions as more specifically set forth in the JPA and the Agency's citrus tristeza virus effective plan. The Agency programs, protocols, and implementation of the citrus tristeza virus effective plan, shall be as developed and approved by the TAC to the Agency, and/or its successors, in consultation with the Committee, with periodic reviews and modifications as directed or recommended by the TAC. Funding and oversight of the Agency's operation of the citrus tristeza virus effective plan will remain with the Districts.

#### ARTICLE 8 – FINANCIAL OBLIGATION

This MOU defines the basis on which the parties voluntarily cooperate and as such does not constitute a financial obligation to serve as a basis of expenditures. Responsibilities assumed by each of the cooperating parties are contingent upon funds being available to cover expenditures.

#### ARTICLE 9 – EFFECTIVE DATE AND DURATION

This MOU shall become effective upon the date of final signature and shall continue until July 1, 2024. It may be modified by mutual agreement between the parties in writing and may be discontinued at the request of one of the parties. Request for termination, or any major changes, shall be submitted to the other parties for its consideration not less than 30 days prior to the effective or desired date.

Citrus Pest and Disease Prevention Committee

Victoria Hornbaker, Director Citrus Pest and Disease Prevention Division Date

Central California Tristeza Eradication Agency

John Fisher IV, Chairman Board of Commissioners Date

#### **CPDPC Member Terms**

Name	District	9/30/2023	9/30/2024	9/30/2025	9/30/2026	9/30/2027
Armstrong	Southern		Х			
McBroom	Southern			Х		
Rundini	Coastal	Х				Х
Ball	Coastal			Х		
Gless	Kern	Х				Х
Rabe	Kern		Х			
Watkins	Kern			Х		
Gorden	Tulare				Х	
Carmen	Tulare	Х				Х
Felts	Tulare		Х			
Smith	Tulare			Х		
Radtke	Northern				Х	
Plumlee	Northern	Х				Х
Hill	Northern		Х			
John C Gless	Nursery	Х				Х
Dillon	Nursery		Х			
Bernardi	Public			Х		

CPDPC July 2023 Results

**CPDPC Finance Subcommittee** 

August 1, 2023



# FY 22-23 Expenditures

# FY 22-23 Expenditures

Month Closed in FI\$Cal	Monthly Total Closed	YTD Total
May 2023	\$3,077,720	\$33,148,887
June 2023	\$3,090,518	\$36,239,404

## FY 22-23 May 2023 Expenditures

	#	Group	Region	Activity	Appr	ommittee oved 2022- 3 Budget	Remaining 2022-23 Budget	Exp	ay 2023 enditures r FI\$Cal	Ех	ear to Date penditures per FI\$Cal	22	or year FY21- Year to date openditures	May 2023 Encumbrance Changes	ear to Date cumbrances
	1 A	ACP Mgmt	Border	Treatment	\$	724,879	\$ 124,782	\$	44,757	\$	600,096	\$	310,431	\$ (955)	\$ -
	2 A	ACP Mgmt	Central	Survey	\$	3,029,321	\$ 399,525	\$	316,807	\$	2,629,797	\$	1,906,110	\$ (215,620)	\$ 443,114
	3 A	ACP Mgmt	Central	Treatment	\$	1,523,191	\$ 360,037	\$	64,227	\$	1,163,154	\$	174,255	\$ (991)	\$ 875,784
	4 A	ACP Mgmt	Northern	Survey	\$	1,763,771	\$ 530,449	\$	119,187	\$	1,233,322	\$	1,261,237	\$ (55,519)	\$ 604,697
	5 A	ACP Mgmt	Northern	Treatment	\$	455,799	\$ 409,737	\$	7,583	\$	46,061	\$	88,321	\$ (7,131)	\$ 184,617
	6 A	ACP Mgmt	Southern	Treatment	\$	2,489,759	\$ 1,790,109	\$	15,547	\$	699,650	\$	686,785	\$ (663)	\$ 374,950
	7 A	ACP Mgmt	Southern	Survey	\$	225,853	\$ 94,446	\$	17,570	\$	131,408	\$	238,886	\$ 63	\$ 63
	8 A	ACP Mgmt	Statewide	Biocontrol	\$	1,940,356	\$ 665,848	\$	32,533	\$	1,274,508	\$	1,467,280	\$ (6,300)	\$ 1,659,225
	9 A	ACP Mgmt	Statewide	Survey	\$	3,000,000	\$ 1,363,428	\$	1,551	\$	1,636,572	\$	2,122,700	\$ -	\$ 2,021,497
	10 A	ACP Mgmt	Statewide	Regulatory	\$	3,239,008	\$ 1,075,080	\$	240,265	\$	2,163,929	\$	2,727,919	\$ (164,096)	\$ 722,975
	11	HLB Det	Border	Survey	\$	224,385	\$ 34,096	\$	18,831	\$	190,289	\$	124,534	\$ (9,849)	\$ 88,797
	12	HLB Det	Southern	Survey	\$	2,126,158	\$ 519,742	\$	260,001	\$	1,606,416	\$	1,197,824	\$ (823)	\$ 1,625
	13	HLB Det	Statewide	Survey	\$	6,601,352	\$ 2,464,265	\$	322,149	\$	4,137,088	\$	4,685,689	\$ (2,200)	\$ 6,539
	14	HLB Det	Statewide	Diagnostics	\$	3,353,434	\$ 849,978	\$	190,293	\$	2,503,456	\$	2,076,094	\$ (8,638)	\$ 154,145
	15	HLB Erad	Southern	Treatment	\$	5,358,641	\$ (138,799)	\$	777,894	\$	5,497,440	\$	3,430,532	\$ (310,192)	\$ 1,178,172
	16	HLB Erad	Statewide	Regulatory	\$	844,501	\$ 177,730	\$	67,402	\$	666,771	\$	508,670	\$ -	\$ -
	17	ACP/HLB	Statewide	Admin	\$	3,624,361	\$ (716,668)	\$	361,077	\$	4,341,029	\$	7,367,362	\$ 16,276	\$ 137,077
	18	ACP/HLB	Statewide	Outreach	\$	1,970,527	\$ 605,083	\$	149,021	\$	1,365,444	\$	787,776	\$ (146,278)	\$ 1,050,979
	19	ACP/HLB	Statewide	Data Analysis	\$	1,739,067	\$ 624,180	\$	59,828	\$	1,114,886	\$	901,639	\$ (36,655)	\$ 303,381
-	20 A	ACP Mgmt	Statewide	Diagnostics	\$	215,393	\$ 67,820	\$	11,199	\$	147,572	\$	146,388	\$ -	\$ -

Totals *\$44,449,755 \$11,300,868* 

\$3,077,720 \$33,148,887 \$(949,571)

\$9,807,635

\$32,210,432

## FY 22-23 June 2023 Expenditures

#	Group	Region	Activity	Appr	ommittee oved 2022- 3 Budget	Remaining 2022-23 Budget	Exp	ne 2023 enditures r FI\$Cal	Ех	ear to Date openditures per FI\$Cal	22	or year FY21- Year to date openditures	June 2023 Encumbrance Changes	ear to Date cumbrances
1	ACP Mgmt	Border	Treatment	\$	724,879	\$ 116,835	\$	7,947	\$	608,044	\$	316,461	\$ -	\$ -
2	ACP Mgmt	Central	Survey	\$	3,029,321	\$ 231,530	\$	167,995	\$	2,797,791	\$	2,338,123	\$ (75,112)	\$ 368,002
3	ACP Mgmt	Central	Treatment	\$	1,523,191	\$ 317,124	\$	42,913	\$	1,206,067	\$	210,278	\$ (17,451)	\$ 858,333
4	ACP Mgmt	Northern	Survey	\$	1,763,771	\$ 358,486	\$	171,963	\$	1,405,285	\$	1,396,362	\$ (120,371)	\$ 484,326
5	ACP Mgmt	Northern	Treatment	\$	455,799	\$ 402,840	\$	6,897	\$	52,958	\$	89,997	\$ (1,696)	\$ 182,921
6	ACP Mgmt	Southern	Treatment	\$	2,489,759	\$ 1,777,111	\$	12,998	\$	712,648	\$	714,436	\$ (417)	\$ 374,532
7	ACP Mgmt	Southern	Survey	\$	225,853	\$ 87,843	\$	6,603	\$	138,010	\$	265,488	\$ (63)	\$ -
8	ACP Mgmt	Statewide	Biocontrol	\$	1,940,356	\$ 472,912	\$	192,936	\$	1,467,444	\$	1,614,026	\$ (472)	\$ 1,658,753
9	ACP Mgmt	Statewide	Survey	\$	3,000,000	\$ 1,305,074	\$	58,354	\$	1,694,926	\$	2,432,734	\$ -	\$ 2,021,497
10	ACP Mgmt	Statewide	Regulatory	\$	3,239,008	\$ 988,014	\$	87,065	\$	2,250,994	\$	3,004,976	\$ (55,590)	\$ 667,385
11	HLB Det	Border	Survey	\$	224,385	\$ 8,771	\$	25,325	\$	215,614	\$	155,604	\$ (13,117)	\$ 75,679
12	HLB Det	Southern	Survey	\$	2,126,158	\$ 224,742	\$	295,000	\$	1,901,416	\$	1,358,021	\$ (936)	\$ 689
13	HLB Det	Statewide	Survey	\$	6,601,352	\$ 2,210,623	\$	253,642	\$	4,390,729	\$	5,098,800	\$ (2,307)	\$ 4,232
14	HLB Det	Statewide	Diagnostics	\$	3,353,434	\$ 722,055	\$	127,922	\$	2,631,379	\$	2,599,741	\$ 19,258	\$ 173,403
15	HLB Erad	Southern	Treatment	\$	5,358,641	\$ (857 <i>,</i> 402)	\$	718,603	\$	6,216,043	\$	3,844,814	\$ (218,763)	\$ 959,410
16	HLB Erad	Statewide	Regulatory	\$	844,501	\$ 113,857	\$	63,874	\$	730,645	\$	540,979	\$ -	\$ -
17	ACP/HLB	Statewide	Admin	\$	3,624,361	\$ (1,229,564)	\$	512,896	\$	4,853,925	\$	7,905,864	\$ (8,054)	\$ 129,023
18	ACP/HLB	Statewide	Outreach	\$	1,970,527	\$ 415,059	\$	190,024	\$	1,555,467	\$	979,022	\$ (195,054)	\$ 855,925
19	ACP/HLB	Statewide	Data Analysis	\$	1,739,067	\$ 487,178	\$	137,003	\$	1,251,889	\$	999,996	\$ 394	\$ 303,775
20	ACP Mgmt	Statewide	Diagnostics	\$	215,393	\$ 57,262	\$	10,558	\$	158,131	\$	205,947	\$ -	\$ -

Totals *\$44,449,755* 

\$8,210,350 \$3,090,518

\$\$\$6,239,404

\$(689,751)

\$36,071,668

\$9,117,884

## FY 22-23 Revenue Summary

#### **Revenue Received**

Revenue Received To Date (October 2022 to July 2023)

\$11,690,133

Last Meeting (June 23, 2023) Revenue Received to Date

\$9,512,518

Increased from last meeting to current

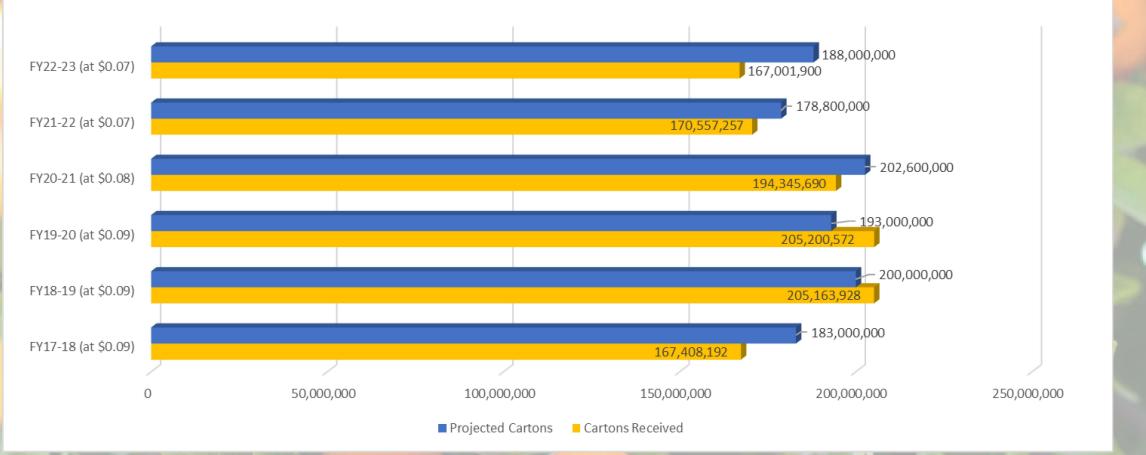
\$2,177,615

# FY 22-23 Carton Comparison

FY22/23 Projected Cartons	FY22/23 F Cartons	-		1/22 Projected tons (CPDPC)	
188,400,000 Cartons \$0.07/per carton \$13,188,000	188,00 Carto \$0.07/pe \$13,16	r carton	\$	184,450,000 Cartons 0.07/per carton \$12,911,500	FY21/22 collected 170,557,257 cartons at \$0.07/ per carton, which was 95% of the projected cartons received
	KIS ENE			AND SOM	
Year to Date Revenue F	Received	Revenue An	nount	Cartons	
Current YTD (\$0.07/per carto	n)	\$11,690,133 167,0		167,001,900	
Prior Year FY21-22 YTD (\$0.0	07/per carton)	\$10,584,688 151,209		151,209,828	

Converted assessment amounts to cartons for comparison

Crop Year (October to September) Carton Comparison





# **QUESTIONS?**

#### Proposed Budget FY 2023-24 July 1, 2023 - June 30, 2024

			2022				
			2023- 2024Total	2023-2024		FY 2022-23	
			Proposed	Total Revised	Amount	Approved	
PC	#	Budget	Budget	Budget	Reduced	Budget	Notes
9999000525	<u>π</u> 1	ACP Border Treatment	906,290		906,290		Moved Perm staff to HLB Survey (Delim)/HLB Southern Treament
9999000536	2	Central ACP Survey	3,698,172		2,319		Reduced supplies
9999000935	3	ACP Central Treatment	1,896,294		9,856		Reduced Supplies
9999000546	4	ACP Northern Survey	1,899,221	1,762,986	136,235		Removed vacant seasonal positions
9999000544	5	ACP Northern Treatment	58,614	53,107	5,507		Reduced Supplies
9999000931	6	ACP Southern Treatment	1,410,501	0	1,410,501		Moved Perm staff to HLB Survey (Delim)/HLB Southern Treament
9999000532	7	ACP Southern Survey	122,616		122,616		Moved Perm staff to HLB Survey (Delim)/HLB Southern Treament
9999000539	8	Biocontrol	1,742,409		20,000		Reduced Supplies
9999000553	9	Grove Trapping	2,400,000	2,400,000	0		Still working on this can potentially reduce by 1,7000,000
9999000114	10	ACP Regulatory	3,356,528	3,257,844	98,684		Removed vacant seasonal positions
9999000526	11	HLB Border Survey	183,942	0	183,942	224,385	Moved Perm staff to HLB Survey (Delim)/HLB Southern Treament
9999000558	12	HLB Southern Survey	2,467,565	2,199,453	268,112	2,126,158	Change in delimitation protocol to focus on leading edge
9999000550	13	HLB Statewide Survey	6,691,322	6,105,353	585,969	6,601,352	Move MPS from the delim core in Southern Cal and focus on Ag/Urban and Commercial
9999000164	14	HLB Diagnostics	3,595,019	3,474,988	120,031	3,353,434	Reduced equipment and supplies
9999000113	15	HLB Southern Treatment	7,010,212	6,182,634	827,578	5,558,641	Change in delimitation protocol to focus on leading edge
9999000116	16	HLB Statewide Regulatory	820,961	770,273	50,688		Removed vacant seasonal positions
9999000J21	17	Administration	2,248,050	2,032,331	215,719	2,103,808	Removed vacant seasonal positions and retired annuitant
9999000556	18	Outreach	1,814,690	1,814,690	0		Still working on this may be potentially reduced by 250,000
9999000549	19	Data Analysis	1,894,800		507,391		Pending additional reductions (maybe 100,000)
9999000163	20	ACP Diagnostics	228,239		18,777		Reduced equipment and supplies
9999000J12	21	Sweet Orange Scab	344,750		344,750		Work and Perm Salaries moved to HLB Statewide Survey (MPS)
9999000J19	22	Citrus Yellow Vein Clearing Virus	211,987	0	211,987		Work moved to HLB Statewide Survey (MPS)
9999000022	23	Clean Citrus Program	255,155	255,036	119		100% reimbursed through fees
9999000524	24	Indirect	4,465,004				We are working with financial services to try and get an accurate projection
			.,,,	.,,	•	.,,	

**Division Totals:** 

49,722,341

43,675,272 6,047,069 45,180,406

43,420,117 1,920,117 additional cuts needed

Total	Category	Amount
Proposed	Personnel	18,320,725
•	OE&E	5,302,828
Budget	Indirect	4,465,004
Summary	Contracts	15,586,715
		43,675,272

After reimbursement from Clean Citrus

Budget Summary	Category	Amount	
(Indirect	Personnel	18,320,725	
``	OE&E	5,302,828	
Removed)	Contracts	15,586,715	
		39,210,268	

	Category	Amount
Total	Personnel <b>Personnel</b>	18,320,725
	Indirect	4,465,004
Overhead	Lab Overh	323,000
		22,785,729

	AB 281 FY23/24 Crop Estimate (Projected Assessments)									
Туре	Projected FY22/23 Cartons	Projected FY23/24 Cartons	Source							
Navels	76,000,000	74,000,000	NASS Citrus July Forcast 7/12/23							
Lemons	46,000,000	40,000,000	NASS Citrus July Forcast 7/12/23							
Mandarins	40,000,000	44,000,000	NASS Citrus July Forcast 7/12/23							
Valencias	18,000,000	14,000,000	NASS Citrus July Forcast 7/12/23							
Grapefruit	8,000,000	8,400,000	NASS Citrus July Forcast 7/12/23							
Total	188,000,000	180,400,000								

		FY 22/23 \$ per Carton					
\$.07/carton	\$.08/carton	\$.09/carton	\$.10/carton	\$.11/carton	\$.12/carton		
\$13,160,000	\$15,040,000	\$16,920,000	\$18,800,000	\$20,680,000	\$22,560,000		
	FY 23/24 \$ per Carton						
\$.07/carton	\$.08/carton	\$.09/carton	\$.10/carton	\$.11/carton	\$.12/carton		
\$12,628,000	\$14,432,000	\$16,236,000	\$18,040,000	\$19,844,000	\$21,648,000		

	USDA Funding					
CHRP Base Funding	\$12,144,000					
CHRP CYVCV Funding	\$325,000					
	General Fund					
On-going	\$5,000,000					



California Department of Food & Agriculture Plant Pest Diagnostics Center HLB Testing Program 2023

Total number of plant and ACP samples per month – Fig. 1a, Fig1b Number of samples tested for HLB per year from 2008 –2023 – Fig. 2 Tally of positive detections by county and city – Tables 1-3 Percent infection per year from 2008 – June 2023 – Fig. 3 If you have any questions, please call or email me at 916-738-6710 <u>lucita.kumagai@cdfa.ca.gov</u>. Fig 1a. 2022 -Total number of plant and ACP samples submitted per month.

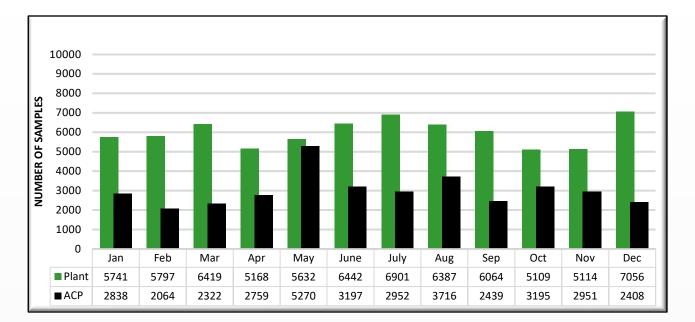
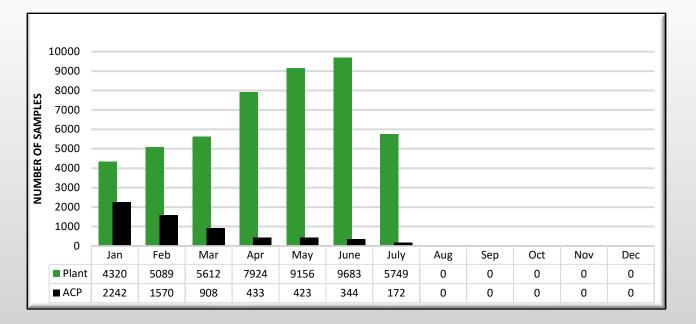


Fig 1b. 2023 -Total number of plant and ACP samples submitted per month.



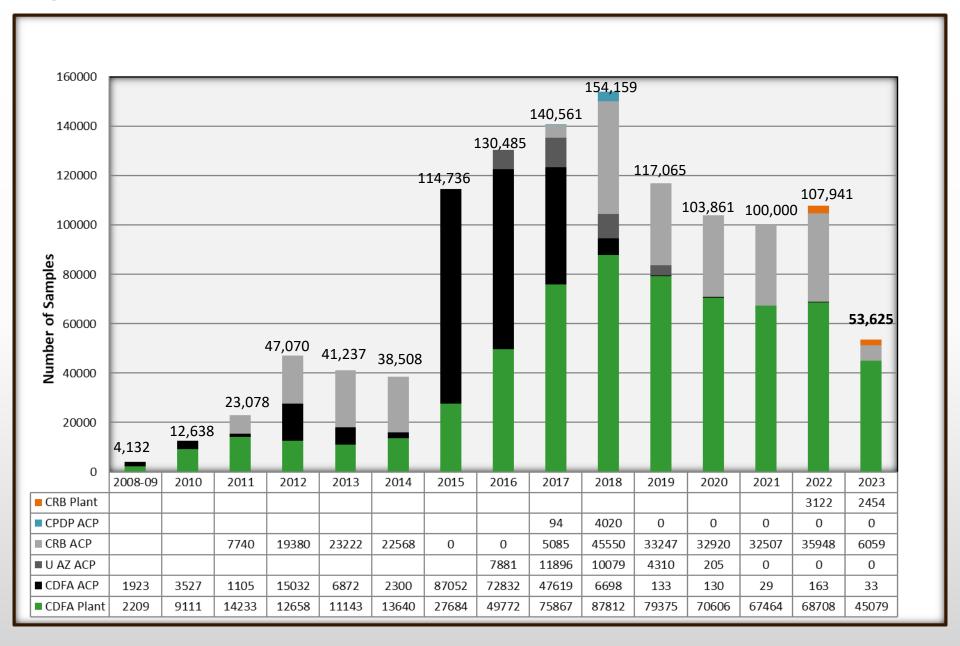


Fig 2. Number of samples tested for HLB per year from 2008 – 2023.

Combined total of plant and ACP samples tested from 2008 – 2023 is 1,189,096.

Table 1. Tally ofpositive sites,positive trees,and CLas+ ACPsamples bycounty and cityas of 8/4/2023.

<b>C</b> 11	" choice		# ACP
City	# Sites	# Trees	samples
	e County	1004	97
Garden Grove Santa Ana	631 601	895	97
Anaheim	730	1189	151
Westminster	354	580	20
Orange	230	296	40
Tustin	47	57	10
Fountain Valley	14	21	2
Huntington Beach	25	28	2
Placentia	65	79	13
La Habra	5	6	1
Fullerton	15	22	6
Yorba Linda	6	4	5
Irvine	7	7	3
Costa Mesa	7	10	3
Brea	1	1	0
Buena Park	7	14	2
Cypress	5	1	5
Stanton	4	5	1
Midway City	4	8	0
Los Alamitos	1	0	1
Total	2759	4227	454
	eles Count		
Whittier	204	247	44
Pico Rivera	166	229	64
Montebello	77	108	2
San Gabriel	73	89	7
Rosemead	47	64	7
Paramount	29	35	5
La Mirada	53	72	6
La Puente	36	39	7
Norwalk	15	12	5
Cerritos	7	9	4
Hacienda Heights	4	4	1
Lakewood	5	6	0
Duarte	59	87	3
El Monte	67	94	8
South El Monte	23	43	4
Alhambra	1	1	0
Temple City	5	4	2
Compton	1	1 0	0
Glendora	9		
South Gate	7	10 7	4
Long Beach Los Angeles	3	2	1
Downey	17	21	5
Carson	4	3	1
Monrovia	20	28	0
Rowland Heights	2	0	2
Pomona	10	13	2
Artesia	7	8	0
Bellflower	2	2	0
Monterey Park	1	1	0
West Covina	1	0	1
City of Industry	1	1	0
Claremont	1	0	1
Santa Fe Springs	1	0	1
Total	959	1240	191
Riversi	de County		
Corona	88	129	20
Riverside	26	28	5
Eastvale	2	2	0
Jurupa Valley	19	21	4
Moreno Valley	1	1	0
Total	136	181	29
San Berna	rdino Cou		
		7	2
Rancho Cucamonga	3	-	
	8	7	1
Rancho Cucamonga Montclair Colton	8 6	11	3
Rancho Cucamonga Montclair Colton San Bernardino	8 6 2	11 1	3 1
Rancho Cucamonga Montclair Colton San Bernardino Ontario	8 6 2 136	11 1 220	3 1 20
Rancho Cucamonga Montclair Colton San Bernardino Ontario Fontana	8 6 2 136 30	11 1 220 40	3 1 20 9
Rancho Cucamonga Montclair Colton San Bernardino Ontario Fontana Chino	8 6 2 136 30 17	11 1 220 40 27	3 1 20 9 2
Rancho Cucamonga Montclair Colton San Bernardino Ontario Fontana Chino <b>Total</b>	8 6 136 30 17 <b>202</b>	11 1 220 40	3 1 20 9
Rancho Cucamonga Montclair Colton San Bernardino Ontario Fontana Chino Total San	8 6 2 136 30 17 <b>202</b> Diego	11 1 220 40 27 <b>313</b>	3 1 20 9 2 <b>38</b>
Rancho Cucamonga Montclair Colton San Bernardino Ontario Fontana Chino <b>Total</b> San Fallbrook	8 6 2 136 30 17 <b>202</b> Diego 1	11 1 220 40 27 <b>313</b> 0	3 1 20 9 2 <b>38</b> 1
Rancho Cucamonga Montclair Colton San Bernardino Fontana Chino Total San Fallbrook Oceanside	8 6 2 136 30 17 <b>202</b> Diego 1 4	11 1 220 40 27 <b>313</b> 0 9	3 1 20 9 2 <b>38</b> 1 4
Rancho Cucamonga Montclair Colton San Bernardino Ontario Fontana Chino Total San Fallbrook Oceanside Pauma Valley	8 6 2 136 30 17 <b>202</b> Diego 1 4 4	11 1 220 40 27 <b>313</b> 0 9 0	3 1 20 9 2 <b>38</b> 1 4 1
Rancho Cucamonga Montclair Colton San Bernardino Fontana Chino Total San Fallbrook Oceanside Pauma Valley Vista	8 6 136 30 17 <b>202</b> Diego 1 4 1 1	11 1 220 40 27 <b>313</b> 0 9 0 0	3 1 20 9 2 <b>38</b> 1 4 1 1
Rancho Cucamonga Montclair Colton San Bernardino Ontario Fontana Chino Total San Fallbrook Oceanside Pauma Valley	8 6 2 136 30 17 <b>202</b> Diego 1 4 4	11 1 220 40 27 <b>313</b> 0 9 0	3 1 20 9 2 <b>38</b> 1 4 1

**HLB** Positive Detections

#### Table 2. Percent positives per county

County	Sites	Trees	ACP
Orange	67.5%	70.34%	63.1%
LA	23.5%	20.64%	26.6%
Riverside	3.3%	3.01%	4.0%
San Bernardino	4.9%	5.21%	5.3%
San Diego	0.8%	0.80%	1.0%
Total	100%	100%	100%

**Table 3.** Tally of positive samples fromRisk-based and HLB Response surveys.

Sample type	Tr	ees		АСР
Risk-based Survey	421	7%	446	62%
HLB Response	5588	93%	273	38%
Total	6009	100%	719	100%

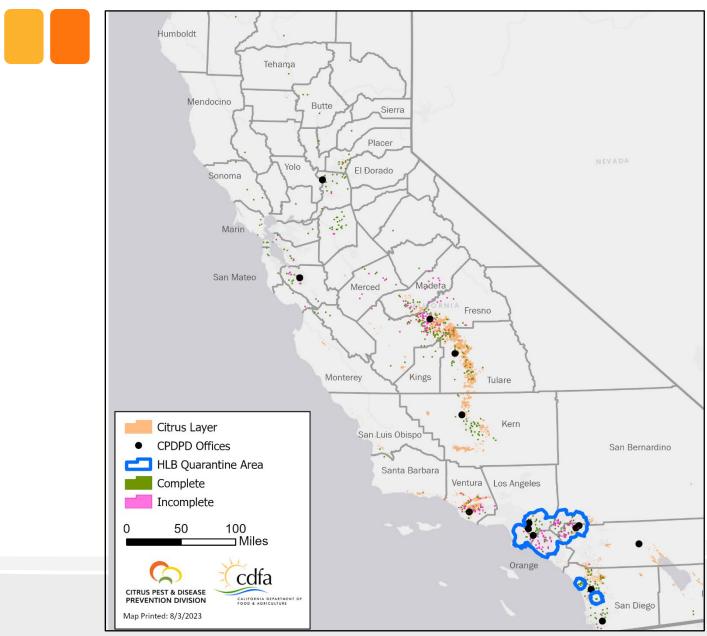
# **Fig 4**. Number of positive detections from 2012 – 2023 per county as of 8/4/2023

Country	20	12	20	15	20	16	20	17	20	18	20	19	20	20	20	21	20	22	20	23	Т	otal
County	Plant	ACP																				
Orange	-	-	-	-	-	-	147	66	553	69	585	55	407	24	434	38	849	47	1252	155	4227	454
Los Angeles	1	1	10	3	19	3	119	47	146	12	150	9	56	10	60	7	314	89	365	10	1240	191
San Bernardino	-	-	-	-	-	-	-	-	0	1	2	2	13	7	75	10	91	14	132	4	313	38
Riverside	-	-	-	-	-	-	3	3	0	0	19	9	12	2	20	0	88	14	39	1	181	29
San Diego	-	-	-	-	-	-	-	-	-	-	-	-	0	1	9	4	0	2	39	0	48	7
TOTAL	1	1	10	3	19	3	269	116	699	82	756	75	488	44	598	59	1342	166	1827	170	6009	719

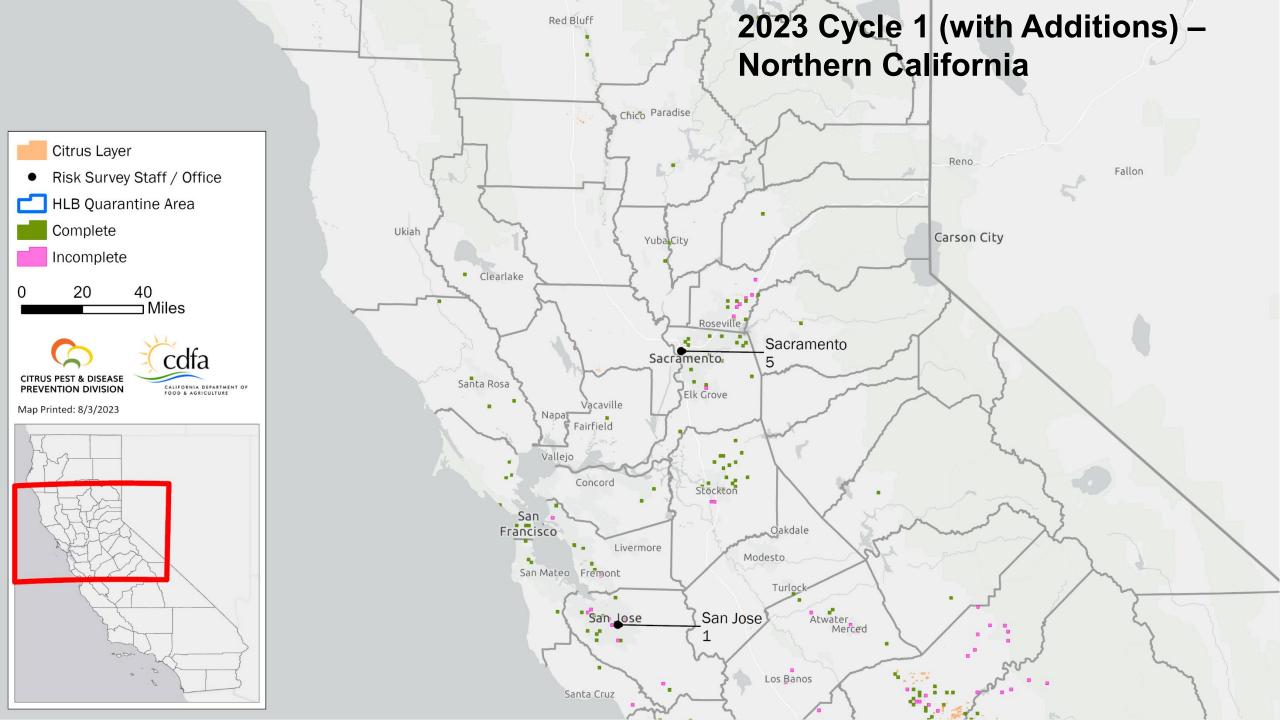


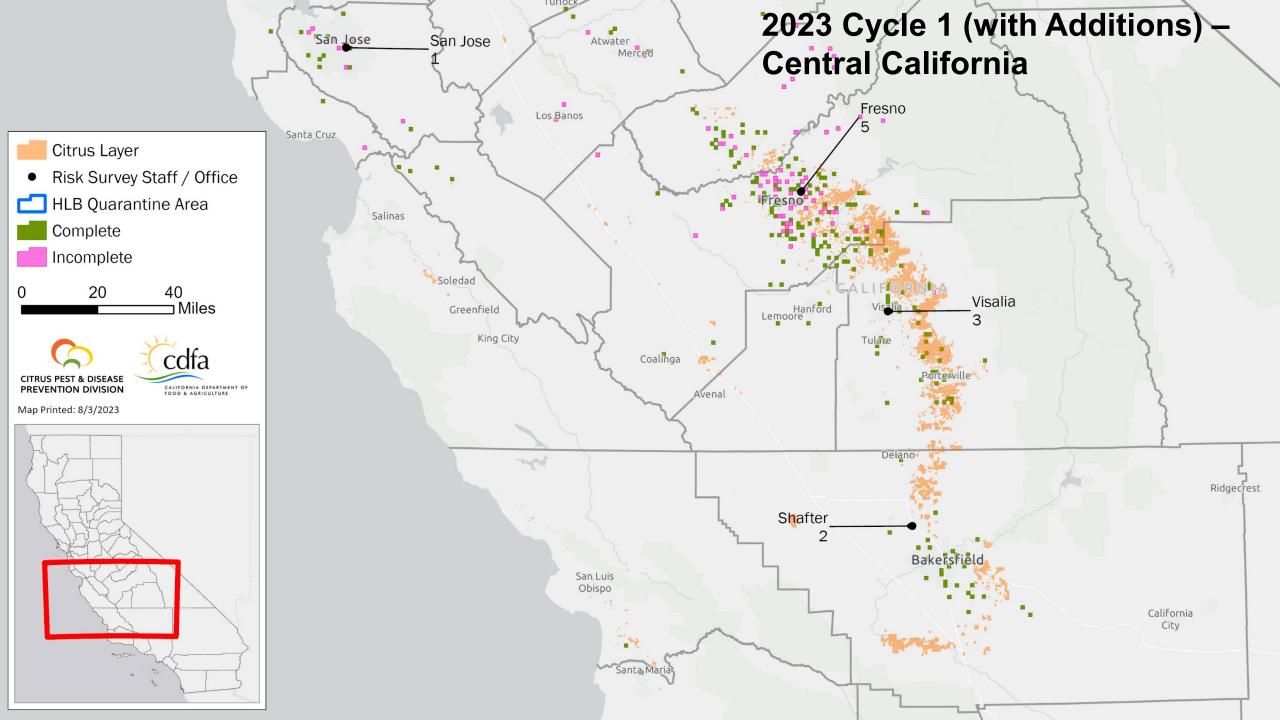
## Risk Research Survey Update Full Committee Meeting August 9, 2023

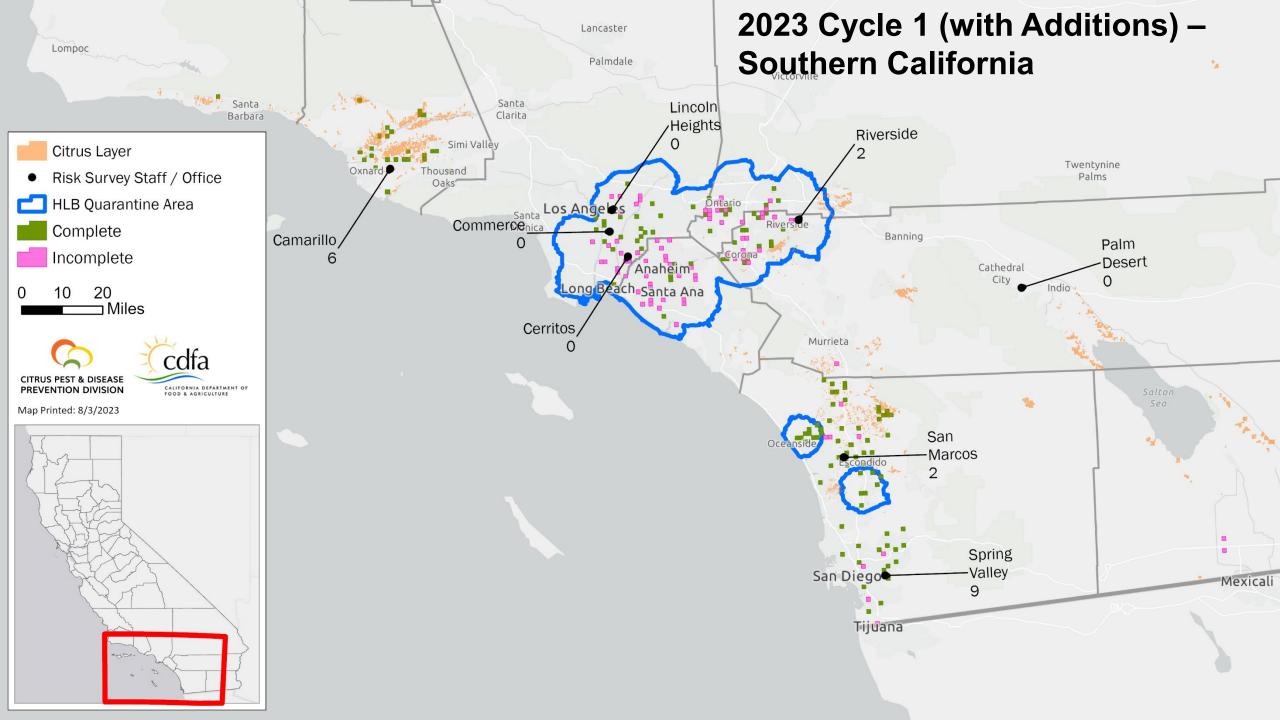
## 2023 Cycle 1 (with Additions)



- Began February 2023
- 70% Complete
- Survey Complete in 25 of 41 Allocated Counties
- 10,649 Properties Visited
- 2,936 Properties Sampled
- 943 Entomology PDRs
- 2,344 Plant PDRs







#### Properties Surveyed ACP Samples Plant Samples 12,000 10,000 8,000 6,000 4,000 2,000 0 AU92022 ceprolic octable octable octable and and a prolice octable o111-2023 **Start** 2023 Cycle 1 (with Additions) 2022 Cycle 1 Stop 2021 Cycle 2 Complete \*July data is being finalized

### Statewide Trends (All Cycles)



## **Operational Update**

**CPDPC** Meeting

August 9, 2023

## Southern District

## HLB Detection Updates

#### Rancho Bernardo, San Diego County

- A total of 39 positive trees detected.
  - All trees were removed and disposed at local landfill.
- Delimitation survey and treatments were completed.
  - Thirteen properties refused survey or treatments, or both. Final abatement will be initiated soon.
  - Ten plant samples are still pending results.
- A total of 1,758 positive trees were detected in all HLB counties since January 2023.
  - Majority of the detections are in Anaheim, Santa Ana, Westminster, Garden Grove, Whittier, and Pico Rivera.
- Eight public meetings were held to conduct delimitation treatments in different areas of Los Angeles, Orange, Riverside, San Bernardino, and San Diego Counties.



## Southern District

#### **Delimitation Survey**

County	Areas
Orange	Anaheim, Brea, Fullerton, Orange, Placentia, Santa Ana, Stanton, Tustin, and Westminster
Los Angeles	Artesia, Duarte, El Monte, La Mirada, La Puente, Norwalk, Paramount, Pico Rivera, Pomona, Temple City, and Whittier
San Bernardino	Chino, Fontana, and and Ontario
Riverside	Corona, Jurupa Valley, Riverside
San Diego	Rancho Bernardo

# Characterize version of the second version o

#### **Delimitation Treatments**

County	Areas
Orange	Anaheim, Buena Park, Costa Mesa, Cypress, Fountain Valley, Fullerton, Garden Grove, Orange, Placentia, Santa Ana, Stanton, and Tustin
Los Angeles	Duarte, El Monte, La Mirada, La Puente, Paramount, Pico Rivera, Rosemead, Temple City, and Whittier
San Bernardino	Chino, Fontana, Ontario
Riverside	Corona, Jurupa Valley, Riverside
San Diego	Rancho Bernardo

## Southern District

#### **HLB Positive Trees**

County	Trees Removed (April-July)	Cumulative Pending Trees
Los Angeles	127	94
Orange	298	695
Riverside	18	3
San Bernardino	82	21
San Diego	25	0
Total	550	813



Quadrant Samples – Find Site, Adjacent, Inconclusive (April- July)							
Los Angeles	2,609						
Orange	3,002						
Riverside	425						
San Bernardino	1,074						
San Diego	418						
Total	7,528						

# Central District

## County ACP Detections

- ACP detections since the last full committee meeting on April 12:
- Kern County
  - One commercial detection confirmed April 18.
  - One residential detection confirmed April 20.
- Tulare County
  - One commercial detection confirmed June 21.

## ACP Treatment

• Treatment completed for all residential ACP detections.



# Central District

#### > Trapping Activities

• ACP delimitation and detection trapping activities are on-going.

#### Biocontrol

- Tamarixia releases were done in all counties where ACP detections were confirmed.
- With treatment completed and no additional detections, releases are now only done in Santa Barbara County.

#### Survey Activities

- Multi-pest/risk are on-going.
- Citrus commodity survey was conducted the spring. Additional surveys are scheduled for Santa Barbara County.



## Northern District

#### ACP Detection Trapping

Ongoing trapping in Placer, San Joaquin, and Stanislaus Counties.

#### ACP Delimitation Trapping

- Santa Clara County
  - ✓ 606 delimitation traps
- San Joaquin County
  - ✓ 43 delimitation traps
- Sonoma County
  - ✓ 55 delimitation traps



## Northern District

#### ACP Treatment

• No new treatments since December 2022.

#### Biocontrol

- *Tamarixia* releases ongoing in San Jose, Santa Clara County.
- Average 6,000 releases monthly.

#### HLB Risk Survey

- 2023 Cycle 1 completed June 2023 for 19 counties.
- Supplementary grids added to 10 of the 19 counties (5 new counties).



#### County Monthly Activity Report October 2022 - June 2023

County	FY 2022 23 Budget	Percent Expended	CAs Issued	Grower Inspections	Transporter Inspections	Packer/Processor Inspections	Fruit Seller Inspections	Regulatory Incidents	NOVs	NOPAs
Fresno	\$84,424.26	100%	47	1	350	1	0	0	24	3
Imperial	\$55,892.01	50%	2	19	23	5	0	1	1	0
Kern	\$70,000.00	56%	80	7	468	17	0	0	3	0
Kings (*1)	\$20,035.30	75%	0	0	0	108	0	0	0	0
Los Angeles	\$263,358.11	55%	1	4	0	8	388	1	0	0
Monterey	\$14,227.50	61%	0	13	0	0	4	0	0	0
Orange (*2)	\$87,987.88	15%	0	33	1	0	0	0	0	0
Riverside (*1)	\$680,306.63	89%	18	163	1,024	2	35	18	5	1
San Bernardino (*1)	\$29,334.95	41%	8	9	1	0	0	3	1	0
San Diego	\$561,592.75	73%	9	461	382	71	113	0	1	0
San Luis Obispo (*1)	\$8,035.44	87%	6	0	0	0	0	0	0	0
Santa Barbara (*1)	\$15,147.08	89%	5	5	0	0	17	0	2	0
Tulare	\$340,031.38	86%	289	2	3,384	24	0	16	66	16
Ventura (*1)	\$200,951.41	100%	68	13	506	11	0	0	8	0
Total	\$2,431,324.70	77%	533	730	6,139	247	557	39	111	20

(\*#) = number of invoices missing from reporting period

County Monthly Activity Report October 2022 - June 2023



## ACP Trap Comparison

August 9, 2023



## 3D Trap Versus Yellow Panel Trap

## Background

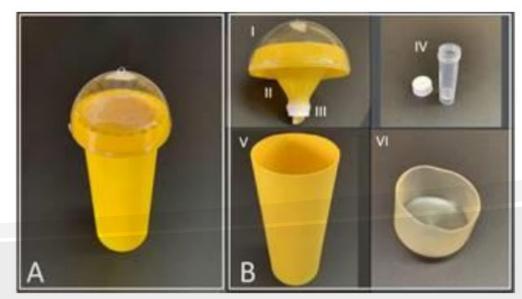
- Many ACP samples on yellow panel (YP) traps are not feasible for PCR analysis.
- UCR researchers developed 3-dimensional (3D) traps.
- This study compares the ability of detecting and capturing ACPs between yellow panel traps and 3D traps.

#### Yellow Panel Trap



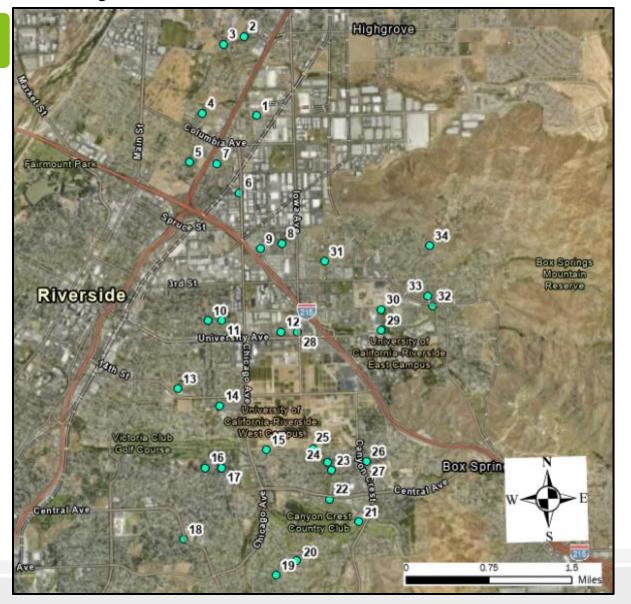
#### 3D Trap





From Snyder et al. (2022)

## **Study Locations**



- 34 study locations in Riverside County
- One yellow panel trap and one 3D trap placed at the same tree on the opposite side randomly
- 12 cycles from mid-July 2021 to late July 2022
- Approximately 30 days interval

## Data Analysis

Number of ACP Collected Versus Number of Traps with ACPs

#### • Definition



Number of ACP Collected: 3

Number of Traps with ACPs: 1

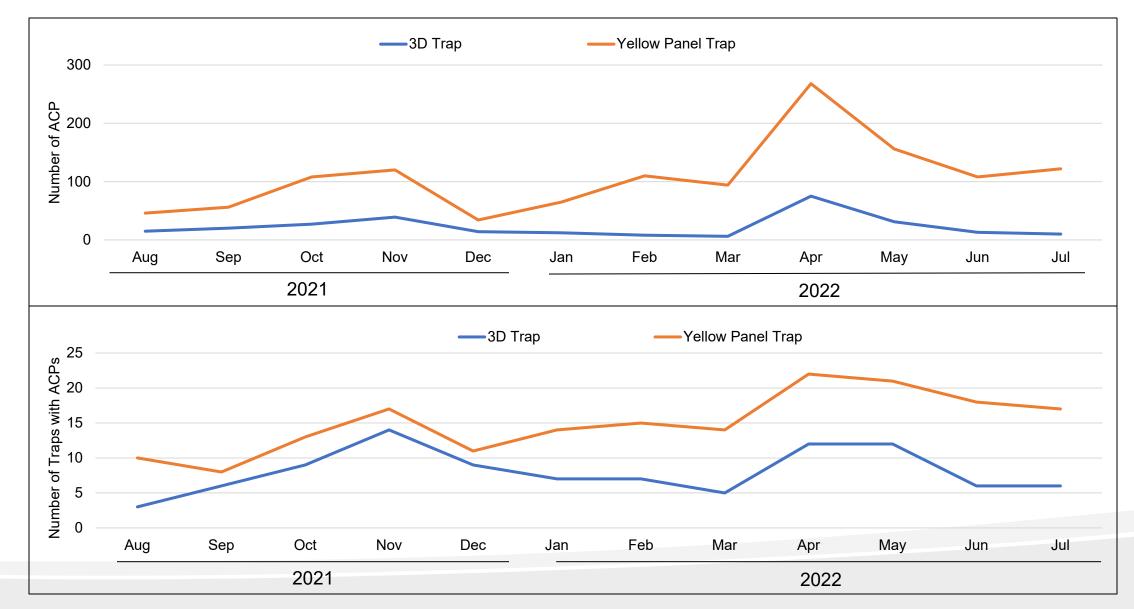
- Comparison of the number of ACP collected and the number of traps with ACPs
- R Studio for all statistical analyses



Number of ACP Collected: 0

Number of Traps with ACPs: 0

#### **Results and Seasonal Pattern**



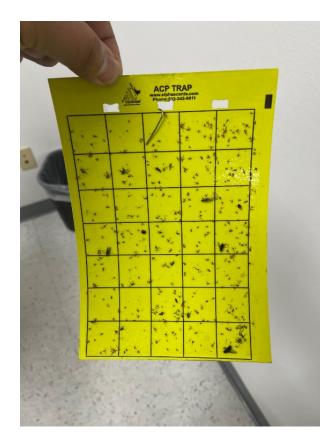
## Section I Conclusion

- The results of this analysis indicate that yellow panel traps are more effective in detecting and collecting ACPs than 3D traps.
- However, determinations on the types of traps should be made on a case-bycase basis with additional factors considered (e.g., costs, sample preservation abilities, etc.).



#### No-Mess Trap Versus Yellow Panel Trap

# Background



#### No-Mess Trap

Histo-clear, an orange-oil based clearing agent which facilitates the removal of trapped ACP for *C*Las testing

## **Study Locations**



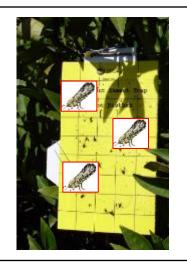
#### Four Counties

- One no-mess trap and one yellow panel trap placed at the same tree on the opposite side randomly
- 5 to 6 cycles from mid-September 2022 to late March 2023
- Approximately 30 days interval

## Data Analysis

Number of ACP Collected Versus Number of Traps with ACPs

#### • Definition



Number of ACP Collected: 3

Number of Traps with ACPs: 1



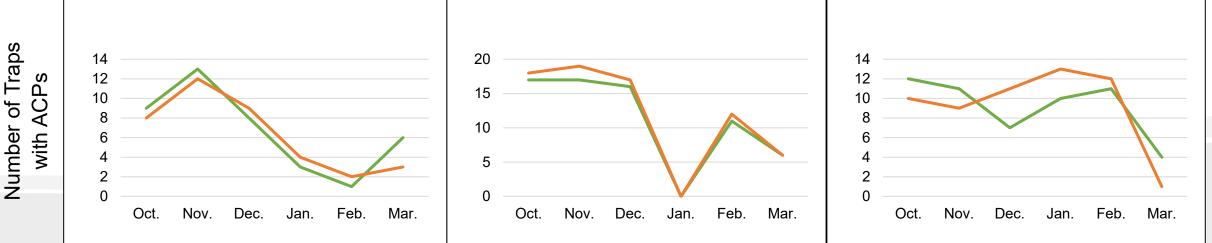
Number of ACP Collected: 0

Number of Traps with ACPs: 0

- Comparison of the number of ACP collected and the number of traps with ACPs
- Wilcoxon signed-rank test for Number of ACP Collected and Paired T-test for Number of traps with ACPs
- R Studio for all statistical analyses

#### **Results and Seasonal Pattern**

**Riverside and San Bernardino** San Diego Ventura Number of ACP Collected –No-Mess Trap Yellow Panel Trap 150 200 160 140 120 150 100 100 80 100 60 50 50 40 20 0 0 0 Oct. Feb. Oct. Feb. Oct. Nov. Dec. Feb. Nov. Dec. Mar. Nov. Dec. Mar. Jan. Mar. Jan. Jan.



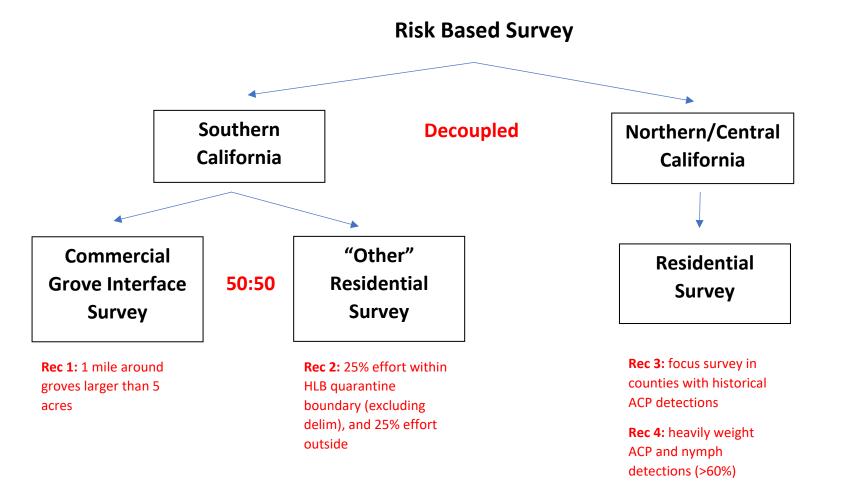
## Section II Conclusion

- The results of this analysis indicate that no-mess traps have a similar ability to detect and collect ACPs as yellow panel traps.
- Additional factors (e.g., sample preservations, costs, etc.) can be studied to determine if no-mess traps warrant expanded usage within CPDPD programs.
- No mess traps are approximately 5 times more expensive than yellow panel traps: \$1.39 vs. \$0.28 per trap (2020 cost).



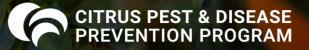
# Thank you

## **Overview**



# ottreach Update

August 9, 2023





## Recent and Upcoming Outreach Activities



# **Media Relations**

NST coordinated several media interview opportunities over the past several months in both consumer and industry publications.

AgAlert

uly12, 2023

A citrus threat is contained

in state but caution urged

Parim. Fried, Life.

CALIFORNIA, CLIMPTO, PLANTS

But to Keep Going

pets more difficult

The bacteria is fatal to citrus trees and has decimated citrus groves in Florida and Texas. Now, California growens are holding the line to keep orducine the vital croces. As temperatures rise, that

There's No Cure for Citrus Greening. California Growers Have No Choice

- PBS' "Hungry Planet"
- Telemundo San Diego
- Modern Farmer
- Ag Alert
- Western Farm Press
- Audio News Release



#### Upcoming media opportunities

- Dedicated Kern County media outreach
- Targeted outreach in the city of Los Angeles

POPULAR

modern farmer

OOD & LIFESTYLE





# **Residential Outreach Activities**

#### Upcoming Events and Community Outreach

- Ventura County Fair's Citrus Day
  - Located in the agriculture building, our booth will focus on educating attendees about the ACP and HLB
- Mid-Autumn Festival
  - Dedicated multicultural outreach campaign with subcontractor IW Group
- National Hispanic Heritage Month
  - Dedicated multicultural outreach campaign with subcontractor The MRKT





#### **Social Media Influencer Partnerships**

- NST facilitated an on-site visit to the Citrus Clonal Protection Program (CCPP) with gardening influencer Coastal Homestead
  - Multi-part video series will be going live in September
- Exploring opportunities with existing partners and new influencers for more indepth video content across several platforms







# **Industry Outreach Activities**

#### CPDPP Year in Review – Annual Report

- Reporting will feature key milestones that shaped the program's activities from the last fiscal year
  - Digital-only format
  - Will be used to promote more sign-ups for Citrus Insider's email list



### **Train-the-Trainer Workshops**

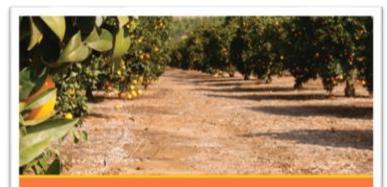
- Coordinating several train-thetrainer workshops for field crew supervisors
  - Escondido
  - 💡 Santa Paula
  - **e** Exeter
- In-language, hands-on workshops to engage with supervisors on proper surveying and harvesting techniques for ACP management



# **Industry Outreach Activities**

### HLB in a Grove Expectations Video

- Working to develop a high-level overview video on what growers should be prepared for if a positive plant sample is found in their grove
  - Features information from HLB in a Grove Response Guide
  - Highlights immediate actions that should be taken to help inform the industry
- Recommendation out of SAP on continued outreach to industry featuring detailed information on what will happen when CLas detection occurs in a commercial orchard



RESPONSE FOR A CONFIRMED HUANGLONGBING POSITIVE DETECTION IN A COMMERCIAL GROVE





# **Elected Official Outreach Activities**

#### **Engaging Local Leaders**

- Southern California elected officials quarterly blog email campaign
  - NST created and sent out a new blog to elected officials of Southern California HLB detected cities and counties to be shared on their social media channels to encourage resident cooperation with agricultural officials
- Elected city official outreach in city of Los Angeles following Vermont Vista and Green Meadow HLB detection
- League of California Cities Annual Conference
- Dedicated outreach campaign to city planners

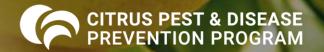








# Thank You



#### San Joaquin Valley Citrus Pest Control Districts

# **Nariposa** CENTRAL VALLEY West Fresno Red Scale **Protective District** Tulare SOUTHERNTULARE San Luis Obispo anta Barbara Los Angeles entura

#### **Trapping - Fall 2023** (Mid-Sept to Mid-Dec)

the state of the		
PCDs	No. of Locations	No. of Traps
Central Valley	400	800
Tulare County	800	1600
Southern Tulare	400	800
Kern County	800	1,600
	2,400	4,800

Central California Tristeza Eradication Agency (CCTEA) Citrus Pest Detection Program (CPDP)

## Alliance of Pest Control Districts (APCD)

**Surveillance**, **Detection**, **Treatment** and **Research** on citrus pests and diseases are of significant concern to the JPA district's growers.

The Current Mission Statement:

1) Leading and/or participating in efforts to protect against, detect, control, and/or eradicate any citrus pest or disease of concern; and

2) Encouraging and supporting appropriate research programs to assist in the elimination of the threat of citrus pests and/or diseases.

## Pest Control Districts and Task Force Working Group Update

### Citrus Pest and Disease Prevention Committee Meeting

### August 9, 2023 Ravneet Behla, Program Supervisor CPDPD



## Objectives

- Identify ACP-HLB activities where Pest Control Districts (PCD) and Task Force (TF) can align/ assist
- Gain efficiencies by reducing duplication



Accomplished so far

- Held three work group meetings (January 2020, January 2023 and June 2023)
- CPDPD provided overview of all ACP-HLB activities
- Work group reviewed activity maps
- Finalized activity matrix and solicited responses from PCD, TF and CAC



## Responses Received: PCD

	$PCD^{\Psi}$						
Activity	CCTEA	CCTEA Tulare	Hemet	Imperial	San Diego		
Outreach and Education				Yes			
ACP Detection - Residential				Yes*			
ACP Detection - Commercial Groves	Yes	Yes		Yes*			
ACP Visual Survey - Residential							
ACP Visual Survey - Commercial Groves	Yes	Yes		Yes			
ACP Treatment - Residential							
ACP Treatment - Commercial Groves			Yes				
Areawide Treatment Coordination			Yes	Yes			
<b>Treatment Around Commercial Groves - Residential</b>	No*	No*			Yes		
Citrus Multi-Pest Commodity Survey	Yes	Yes					
Multi-Pest Risk-Based Survey - Residential							
HLB Delimitation Survey - Residential							
HLB Delimitation Survey - Commercial Groves							
Diagnostics		Yes		Yes			



 ${}^{\Psi} \text{Table lists only PCD that responded}$ 

## Responses Received: TF

	Task Force						
Activity	Ventura	San Bernardino	Santa Barbara	San Luis Obispo			
Outreach and Education	Yes						
ACP Detection - Residential							
ACP Detection - Commercial Groves							
ACP Visual Survey - Residential							
ACP Visual Survey - Commercial Groves							
ACP Treatment - Residential							
ACP Treatment - Commercial Groves							
Areawide Treatment Coordination	Yes						
Treatment Around Commercial Groves - Residential							
Citrus Multi-Pest Commodity Survey							
Multi-Pest Risk-Based Survey - Residential							
HLB Delimitation Survey - Residential							
HLB Delimitation Survey - Commercial Groves							
Diagnostics							



## Responses Received: CAC

	CACΨ						
Activity	Madera	Kern	Riverside	San Bernardino	San Luis Obispo		
Outreach and Education	Yes	Yes	yes	Yes	Yes		
ACP Detection - Residential		Yes			Yes		
ACP Detection - Commercial Groves							
ACP Visual Survey - Residential							
ACP Visual Survey - Commercial Groves							
ACP Treatment - Residential	Yes						
ACP Treatment - Commercial Groves							
Areawide Treatment Coordination	Yes						
Treatment Around Commercial Groves - Residential							
Citrus Multi-Pest Commodity Survey							
Multi-Pest Risk-Based Survey - Residential							
HLB Delimitation Survey - Residential							
HLB Delimitation Survey - Commercial Groves							
Diagnostics							





Topics under discussion

- Can grower anonymously submit samples to CCTEA?
- Cost analysis for activities that can be assisted by PCD and TF
- Contract/ grant execution process



## Thank You!

