HLB Detection, Delimitation, and Tree Removal Updates

Southern District

September 7, 2022

Detection Updates

- Majority of the plant and insect samples collected from Pauma Valley delimitation area came back negative for HLB. Four samples are still pending results.
- All the insect and plant samples collected from Vista delimitation area came back negative for HLB.
 - Survey samples were collected from four refusal properties in Oceanside, and all came back negative for HLB.
- First HLB positive tree was detected in the city of Pomona, Los Angeles County.

HLB Delimitation Survey I

Areas	Total Properties	Properties Surveyed	No Host Properties	Refusals/No Contact- Pending	Completion Percentage
Whittier (45)	451	200	161	1/250	44%
San Gabriel (15)	195	123	30	0/72	63%
Duarte (8,9,10,13)	180	153	51	5/22	85%
La Habra Heights (1)	108	97	27	10/1	100%
La Mirada (8)	85	78	59	3/4	100%
Fontana (2, 3)	215	68	24	3/144	32%

HLB Delimitation Survey II

Areas	Total Properties	Properties Surveyed	No Host Properties	Refusals/No Contact- Pending	Completion Percentage
Jurupa Valley (3,4)	100	81	53	2/17	81%
Corona (13)	106	88	41	1/17	83%
Fullerton (4)	88	5	1	0/0	Just started
Anaheim (17)	157	25	3	0/1	16%
Westminster (1)	407	135	40	0/11	33%

Quadrant Survey 2022

(Find sites, Adjacent, Inconclusive samples)

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Los Angeles	228	220	51	278	556	417	266	415				
Orange	1,057	773	702	644	454	608	598	670				
Riverside	69	50	4	9	101	111	473	162				
San Bernardino	224	109	219	103	24	0	24	20				
San Diego	29	0	18	0	0	0	65	88				
Imperial	0	0	0	0	0	0	0	0				
Total	1,607	1,152	994	1,034	1,135	1,136	1, 42 6	1,355				

HLB Positive Trees – July and August 2022

County	Trees Detected	Trees Removed	Cumulative Pending
Los Angeles	40	39	43
Orange	123	176	49
San Bernardino	7	8	0
Riverside	19	19	2
San Diego	0	0	0
TOTAL	189	242	94



California Department of Food & Agriculture Plant Pest Diagnostics Center HLB Testing Program 2022

Total number of plant and ACP samples per month – Fig. 1 HLB yearly totals – Fig. 2 Tally of positive detections by county and city – Tables 1-3 Tally of positive detections by city per year – Tables 4 If you have any questions, please call or email me at 916-738-6710 <u>lucita.kumagai@cdfa.ca.gov</u>. Fig 1. 2022 - Total number of plant and ACP samples submitted per month.

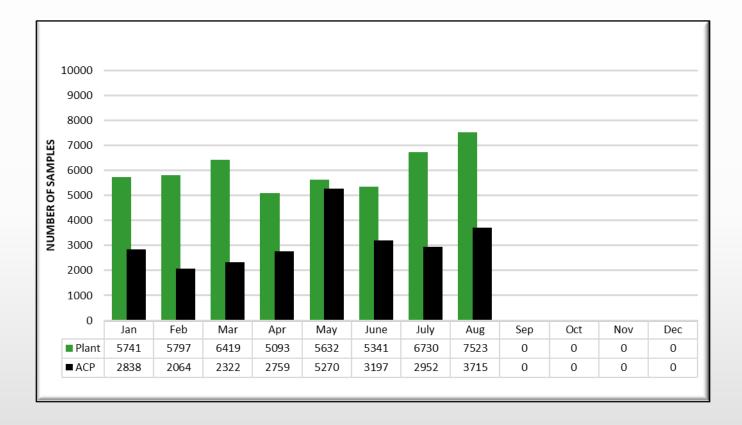
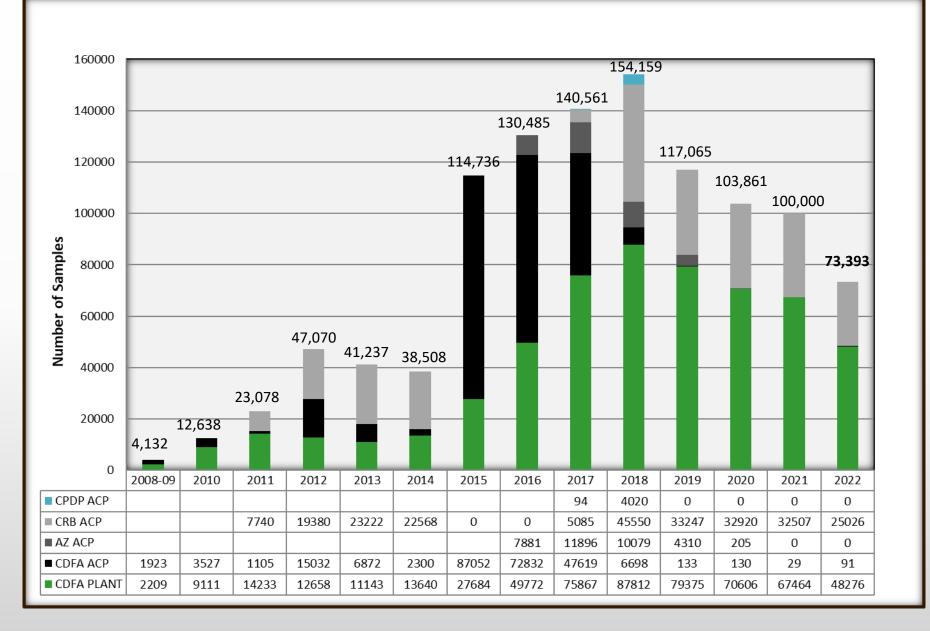


Fig 2. Number of samples tested for HLB per year from 2008 - Aug 2022.



Combined total of plant and ACP samples tested from 2008 – 2022 is 1,100,923.

Table 1. Tally of positive sites, positive trees, and CLas+ ACP samples by county and city as of 9/2/2022.

HLB Po	sitive Dete	ctions	
City	# Sites	# Trees	# ACP samples
Ora	inge Coui	nty	
Garden Grove	450	699	64
Santa Ana	415	584	57
Anaheim	466	763	103
Westminster	333 104	525 138	<u>20</u> 19
Orange Tustin	104	158	3
Fountain Valley	6	10	2
Huntington Beach	22	25	2
Placentia	9	8	3
La Habra	з	4	1
Fullerton	4	5	3
Yorba Linda	3	2	2
Irvine Total	3 1830	2 2780	2 281
	ngeles Co		201
Whittier	156	195	32
Pico Rivera	109	133	38
Montebello	71	99	1
San Gabriel	66	83	6
Rosemead	23	28	4
Paramount	29	34	4
La Mirada	30	43	5
La Puente Norwalk	8	6 6	5 4
Cerritos	3	2	2
Hacienda Heights	2	2	1
Lakewood	5	6	0
Duarte	25	30	3
El Monte	7	6	4
South El Monte	4	4	2
Alhambra Temple City	1	1	0
Compton	1	1	0
Glendora	1	0	1
South Gate	7	4	4
Long Beach	4	2	2
Los Angeles	1	0	1
Downey	5	10	1
Carson	4	3	1
Monrovia Rowland Heights	10 2	15 0	0
Pomona	4	3	1
Total	588	717	125
	rside Cou		
Corona	38	55	18
Riverside	24	26	4
Eastvale	1	1	0
Jurupa Valley	8	5	4
Moreno Valley Total	72	88	26
	nardino		20
Rancho Cucamonga	3	7	2
Montclair	6	6	0
Colton	6	11	3
San Bernardino	2	1	1
Ontario	52	108	18
Fontana	6	8	4
Chino Total	1 76	0 141	1 29
	76 San Diego		29
Fallbrook	1	0	1
Oceanside	4	9	4
Pauma Valley	1	0	1
Vista	1	0	1
Total	7	9	7
Grand Total	2573	3735	468

Table 2. Percent positives per county

County	Sites	Trees	ACP
Orange	71.1%	74.43%	60.0%
LA	22.9%	19.20%	26.7%
Riverside	2.8%	2.36%	5.6%
San Bernardino	3.0%	3.78%	6.2%
San Diego	0.3%	0.24%	1.5%
Total	100%	100%	100%

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

Sample type	Tr	ees	ACP		
Risk-based Survey	134	4%	220	47%	
HLB Response	3601	96%	248	53%	
Total	3735	100%	468	100%	

Table 4. Annual tally of positive trees per city from 2012 – 2022 as of 9/2/2022

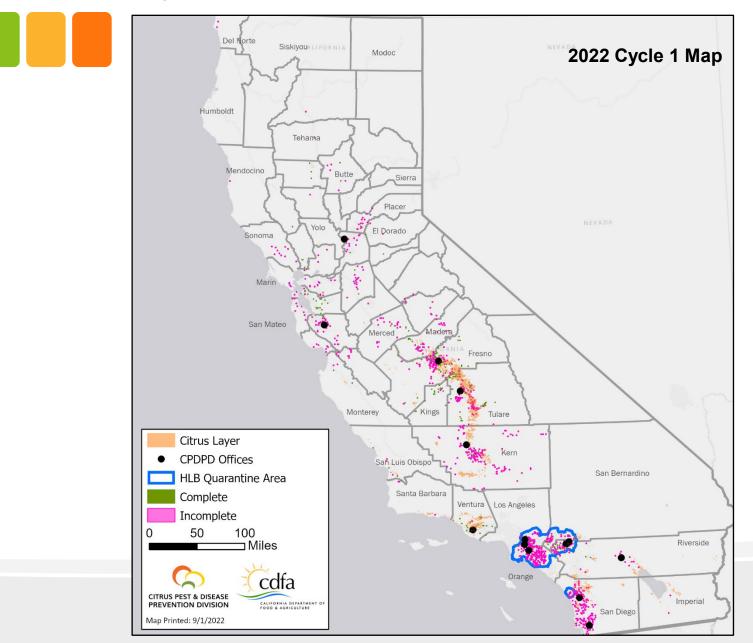
County	Total
Orange	2780
Los Angeles	717
Riverside	88
San Bernardino	141
San Diego	9
Grand Total	3735

HLB Positive Tree Detections										
City	2012	2015	2016	2017	2018	2019	2020	2021	2022	Total
Anaheim				132	109	90	21	200	211	763
Garden Grove				13	348	115	116	34	73	699
La Habra				1	0	2	0	0	1	4
Fullerton				1	0	0	0	0	4	5
Santa Ana					44	168	217	99	56	584
Westminster					15	175	3	39	293	525
Yorba Linda					1	0	0	1	0	2
Orange					31	14	36	43	14	138
Tustin					5	8	1	0	1	15
Huntington Beach						6	2	17	0	25
Placentia						7	0	0	1	8
Fountain Valley							10	0	0	10
Irvine							1	1	0	2
Hacienda Heights	1	0	1	0	0	0	0	0	0	2
San Gabriel		10	17	33	10	6	0	1	6	83
Cerritos			1	1	0	0	0	0	0	2
Pico Rivera				67	35	18	10	1	2	133
Whittier				18	80	23	21	35	18	195
La Puente				10	0	3	0	0	3	6
Lakewood					1	1	0	4	3 0	6
Norwalk			-		1	0	2	1	2	6
Rosemead					17	11	0	0		
					2	0	0	0	0	28
Duarte					Z	-	-	-	28	30
Temple City						1	0	0	0	1
Montebello						84	4	0	11	99
El Monte						1	1	0	4	6
Compton						1	0	0	0	1
Alhambra						1	0	0	0	1
La Mirada							7	6	30	43
Paramount							11	8	15	34
Long Beach								2	0	2
South Gate								2	2	4
Downey									10	10
Carson									3	3
Monrovia									15	15
Pomona									3	3
South El Monte									4	4
Glendora										
Rowland Heights										
Los Angeles										
Riverside				3	0	4	6	8	5	26
Corona						15	4	11	25	55
Eastvale							1	0	0	1
Moreno Valley							1	0	0	1
Jurupa Valley								1	4	5
Montclair						2	2	2	0	6
San Bernardino							1	0	0	1
Ontario							1	64	43	108
Colton							4	7	0	11
Rancho Cucamonga							5	2	0	7
Fontana									8	8
Chino										
								-		6
Oceanside								9	0	9
Fallbrook										
Pauma Valley										
Vista										
Total	1	10	19	269	699	756	488	598	895	3735
IStai		10	19	209	035	750	-00	330	095	5/55

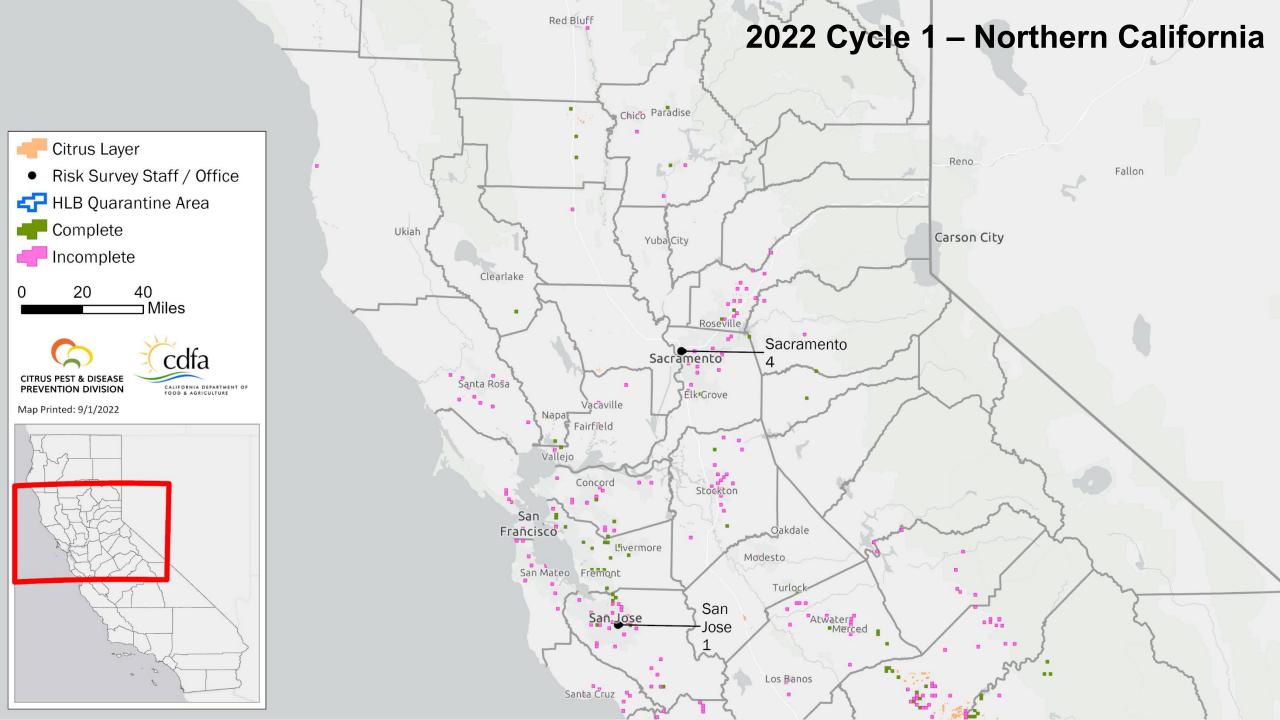


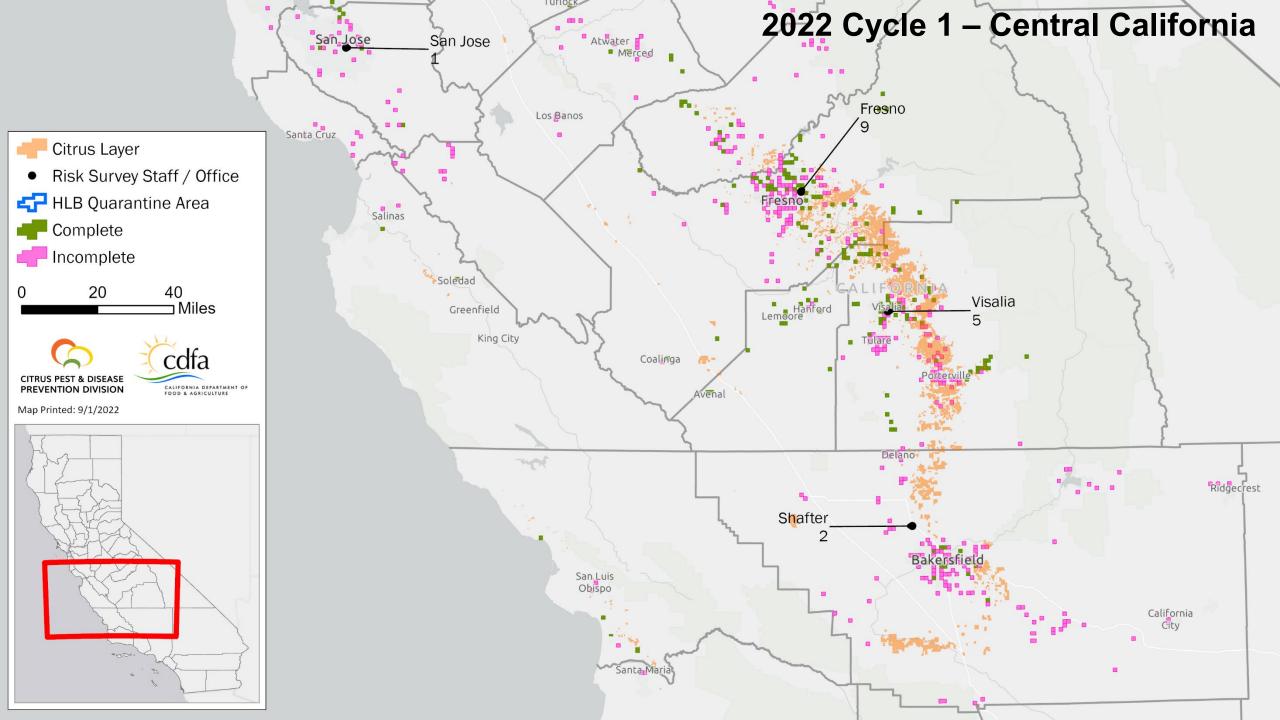
Risk Research Survey Update Operations Subcommittee Meeting September 7, 2022

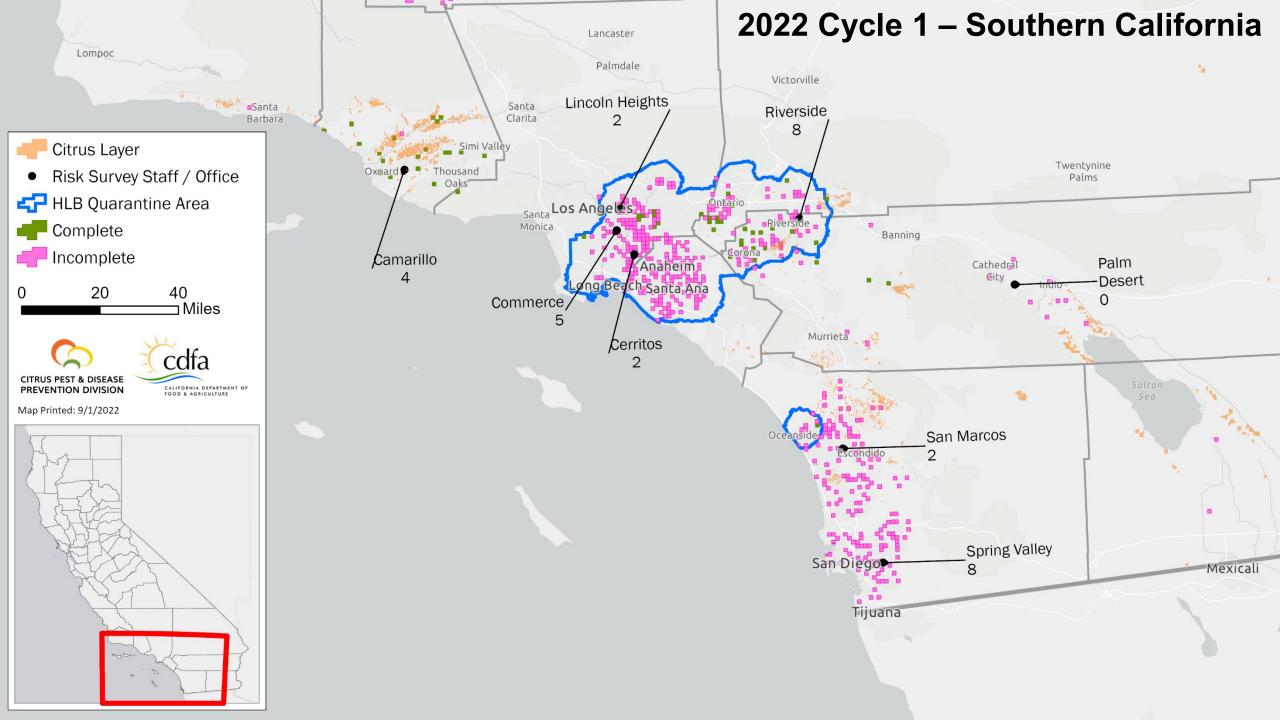
2022 Cycle 1



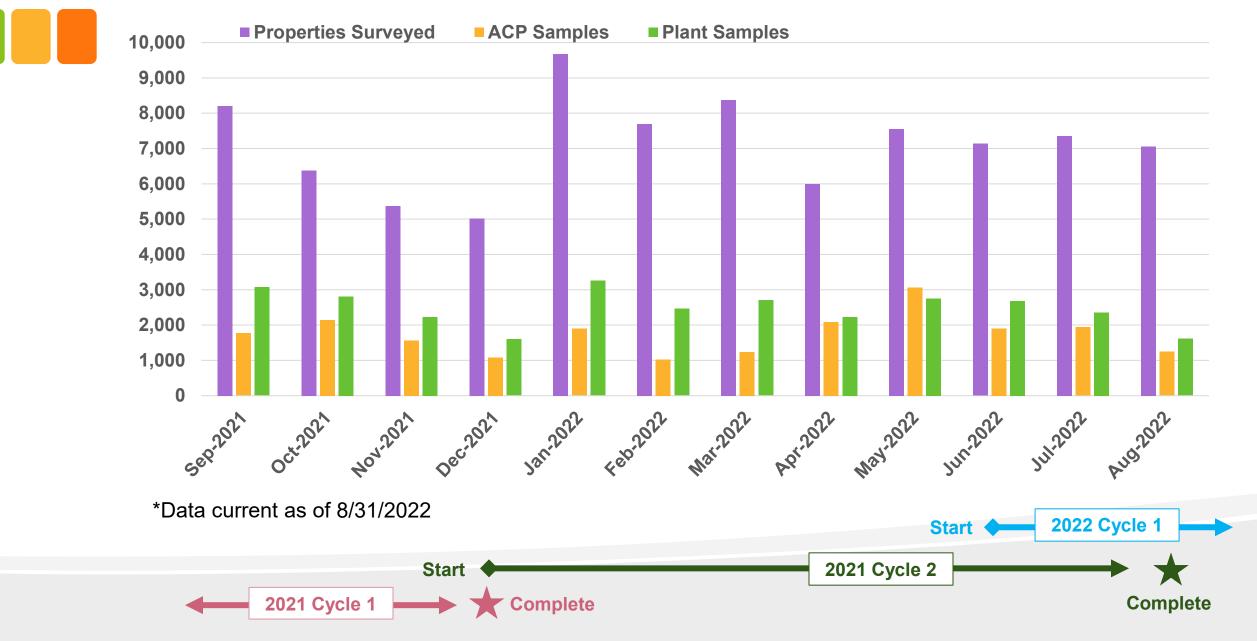
- Began June 2022
- 25% Complete
- Survey Complete in 4 of 42
 Allocated Counties
- 7,419 Properties Visited
- 1,879 Properties Sampled
- 575 Entomology PDRs
- 1,416 Plant PDRs







Statewide Trends (2021 Cycle 1 and 2, and 2022 Cycle 1)



County Regulatory Activity July 2021 - June 2022

County	FY 2021-22 Agreement Amount	Percent Expended	CAs Issued	Grower Inspections	Transporter Inspections	Packer/Processor Inspections	Fruit Seller Inspections	NOVs	NOPAs
Fresno (*1)	\$93,419.64	100%	71	0	430	0	0	61	0
Imperial	\$49,682.53	63%	1	14	15	1	0	1	0
Kern	\$75,000.00	100%	23	15	800	2	16	5	0
Kings (*1)	\$26,138.94	100%	2	0	0	15	8	0	0
Los Angeles	\$271,839.35	100%	0	2	0	403	74	0	0
Monterey	\$16,171.55	59%	0	77	0	0	0	0	0
Orange	\$86,712.60	91%	9	94	12	1	0	0	0
Riverside (*1)	\$752,709.87	93%	28	219	2,012	9	48	11	0
San Bernardino	\$25,557.50	78%	19	10	2	3	0	0	0
San Diego	\$680,841.88	86%	37	179	170	74	37	5	0
San Luis Obispo	\$10,970.71	88%	9	3	0	0	0	0	0
Santa Barbara	\$19,886.44	97%	11	15	1	0	10	0	0
Tulare (*1)	\$380,000.29	77%	171	3	3,420	1	0	144	26
Ventura (*3)	\$146,007.26	91%	47	25	408	0	0	24	0
Total	\$2,634,938.56	88%	428	656	7,270	509	193	251	26

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



Asian Citrus Psyllid Program, Citrus Commodities (Regulatory) Scope of Work October 1, 2022 – September 30, 2023

The County agrees to perform and provide the following quarantine response and regulatory enforcement activities for the California Department of Food and Agriculture (CDFA) in compliance with Title 3, section 3435 of the California Code of Regulations (CCR) and Title 7, Part 301.76 of the Code of Federal Regulations (CFR).

This agreement is inclusive of the County's agreement to perform activities approved by CDFA as described in the attached projected Work Plan.

Regulatory and records inspections at regulated establishments are the highest priority. Compliance agreement issuance is a lower priority. If regional quarantine zones are modified and commercial channels change, county personnel shall prioritize inspection activities as appropriate to meet changing needs.

Authorized expenses under this Asian citrus psyllid (ACP) regulatory cooperative agreement include:

- I. Personnel Activities
 - A. Quarantine Enforcement
 - 1. Citrus Growers
 - 2. Citrus Transporters
 - 3. Citrus Packers/Juice Plants/Processors
 - 4. Citrus Fruit Sellers
 - 5. Dump and Disposal
 - 6. Regulatory Trace-Back and Trace-Forward Activities
 - 7. Environmental Management Practices
 - **B.** Other Activities
 - 1. Conference Calls
 - 2. Meetings
 - 3. Administrative Support
 - 4. Reporting
- II. Non-Personnel
 - A. Dump and Disposal
 - **B.** Supplies/Equipment
 - C. Vehicle Mileage
- III. Reporting/Invoicing
 - A. ACP Regulatory Monthly Activity Report
 - B. Invoicing/Reimbursement

Description of authorized expenses:

I. **Personnel Activities:** The County agrees to perform the listed quarantine response and regulatory enforcement activities required by the ACP State Interior Quarantine and the Federal Domestic Quarantine for Citrus Greening and Asian Citrus Psyllid. This agreement is also inclusive of the following:

A. Quarantine Enforcement Activities for The Following Regulated Entities:

1. Citrus Growers

Includes commercial growers of ACP host fruit.

a. Compliance Agreement Issuance

- i. Initial visit to issue and explain the terms of the compliance agreement and exhibits, and regulatory requirements.
- ii. Assigning a compliance agreement number, countersigning the agreement, and sending a copy to <u>ACPCompliance@cdfa.ca.gov</u>.

b. Regulatory and Records Inspections

- i. Regulatory inspections and records review to verify quarantine compliance.
- ii. Receiving, maintaining, and approving grower-submitted ACP-Free Declaration forms.
- iii. Issuing Hold Notices, Notices of Rejection, Notices of Violation, and Notices of Proposed Action for non-compliance.

2. Citrus Transporters

Includes transporters of commercial ACP host fruit.

a. Compliance Agreement Issuance

- i. Initial visit to issue and explain the terms of the compliance agreement and exhibits, and regulatory requirements.
- ii. Assigning a compliance agreement number, countersigning the agreement, and sending a copy to <u>ACPCompliance@cdfa.ca.gov</u>.

b. Regulatory and Records Inspections

- i. Regulatory inspections to ensure compliance with safeguarding performance standards and records review to verify quarantine compliance.
- ii. Issuing Hold Notices, Notices of Rejection, Notices of Violation, and Notices of Proposed Action for non-compliant shipments.

3. Citrus Packers/Juice Plants/Processors

Includes packers/juicers/processors of commercial ACP host fruit.

a. Compliance Agreement Issuance

- i. Initial visit to issue and explain terms of compliance agreement and exhibits, and regulatory requirements.
- ii. Assigning a compliance agreement number, countersigning the agreement, and sending a copy to <u>ACPCompliance@cdfa.ca.gov</u>.

b. Regulatory and Records Inspections

- i. Regulatory inspections and records review to verify quarantine compliance.
- ii. Issuing Hold Notices, Notices of Rejection, Notices of Violation, and Notices of Proposed Action for non-compliant shipments.
- iii. Placing, servicing, relocating, and submitting yellow panel traps.

4. Citrus Fruit Sellers

Includes sellers, distributors, and market vendors of ACP host fruit.

a. Compliance Agreement Issuance

- i. Initial visit to issue and explain the terms of the compliance agreement and exhibits, and regulatory requirements.
- ii. Assigning a compliance agreement number, countersigning the agreement, and sending a copy to <u>ACPCompliance@cdfa.ca.gov</u>.

b. Regulatory and Records Inspections

- i. Regulatory inspections to ensure compliance with safeguarding performance standards and records review to verify quarantine compliance.
- ii. Issuing Hold Notices, Notices of Rejection, Notices of Violation, and Notices of Proposed Action for non-compliant shipments.

5. Dump and Disposal

Personnel hours associated with the disposal of confiscated bulk citrus related material.

6. Regulatory Trace-Back Activities

Regulatory trace-back and trace-forward activities when required. Trace-back and trace-forward activities may occur at any regulated establishment.

7. Environmental Management Practices

Ensure that all activities are performed following CDFA's management practices and any necessary mitigation measures.

B. Other Activities:

1. Conference Calls

Personnel hours associated with attendance at and participation in conference calls regarding ACP quarantine response and regulatory enforcement.

2. Meetings

Personnel hours associated with attendance at and participation in meetings associated with ACP quarantine response and regulatory enforcement.

3. Administrative Support

Personnel hours associated with administrative activities such as maintaining and recording received ACP-Free Declaration forms, HLB Pest Risk Mitigation Forms, data entry, or invoicing for ACP quarantine response and regulatory enforcement.

4. Reporting

Personnel hours associated with entering compliance agreement information into spreadsheets, completing the ACP Regulatory Monthly Activity Report, and reporting any other requested data. Use of ACP Program forms for reporting and inspections is required. Forms will be provided to all counties. Forms created by the County will **not be** accepted and incomplete forms will be returned.

II. Non-Personnel

A. Dump and Disposal: Only dump and disposal fees related to administering and conducting quarantine and regulatory enforcement activities associated with the ACP Program will be reimbursed. Dump fees include the landfill cost for disposal with special handling (deep burial with immediate cover). Disposal fees include, but are not limited to, bags for safeguarding confiscated material enroute to the dump for disposal.

B. Supplies/Equipment:

- 1. Supplies: In accordance with 2 C.F.R. § 200.94 (http://www.ecfr.gov), supplies are considered articles having a useful life of less than one year. Only supplies directly related to administering and conducting quarantine and regulatory enforcement activities associated with the ACP Program will be reimbursed. Examples of supplies include materials from a general supply or stockroom, fabricated parts, paper, stationery, general office goods, ink and toner cartridges, and organization tools.
- 2. Equipment: In accordance with 2 C.F.R. § 200.33 (http://www.ecfr.gov), equipment is considered articles having a useful life of more than one year. Only equipment directly related to administering and conducting quarantine and regulatory enforcement activities associated with the ACP Program will be reimbursed. Articles with a unit cost of \$5,000 or more must have prior approval for reimbursement. Examples of equipment include microscopes, spectrometers, office equipment, office furnishings, modular offices, telephone networks, information technology equipment and systems, air conditioning equipment, reproduction and printing equipment, and motor vehicles.

All records substantiating that the supplies and equipment are used for the ACP Program must be maintained by the county.

C. Vehicle Mileage: The mileage reimbursement rate used on the monthly invoice must be the same as the rate in the Work Plan. If the federal mileage reimbursement rate (<u>http://www.irs.gov</u>) fluctuates during the agreement period, counties must submit invoices for the current federal rate.

Substantiation of Vehicle Mileage Costs: Counties must maintain a single vehicle log per vehicle, and all mileage must be recorded daily with an indication of which program the vehicle was used for and the name of the driver. Vehicle logs must be submitted if requested.

- **III.Reporting/Invoicing:** Personnel hours associated with the compilation, submittal, and maintenance of the following:
 - A. ACP Regulatory Monthly Activity Report: The County must submit an ACP Regulatory Monthly Activity Report utilizing the template provided to report all authorized ACP quarantine response and regulatory enforcement activities. Monthly activity reports must be submitted with the monthly invoice to Keith Okasaki (Keith.Okasaki@cdfa.ca.gov) and no later than 30 days after the end of the coinciding reporting period. Questions about the reporting can be directed to Keith Okasaki at the email listed above or by calling (916) 274-6300.
 - B. Invoicing/Reimbursement: The County must submit a monthly itemized invoice using the provided template (Appendix A) on county letterhead to CDFA <u>no later</u> <u>than 30 days</u> after the end of the coinciding reporting period. Completed official ACP Program forms must be submitted with or prior to invoicing. Invoices will not be processed without current and completed ACP Program forms.
 - 1. Allowable Costs: All invoiced expenses must fall within the parameters of this Scope of Work and must be directly related to administering and conducting ACP quarantine response and regulatory enforcement activities.
 - 2. ACP Regulatory Monthly Activity Report Required for Reimbursement: Invoices will not be paid until the ACP Regulatory Monthly Activity Report for the invoicing period has been submitted by the County and verified by CDFA. Personnel hours on the activity report must match the hours on the invoice.
 - **3. Hourly Rate(s) on Invoices:** Invoices must reflect the actual hourly rates (salary and benefits) for each personnel classification listed on the Work Plan that conducted ACP quarantine response and regulatory enforcement activities.
 - 4. Personnel on Invoice Must Match Work Plan: Invoices must reflect work performed by personnel classifications listed on the Work Plan.

- 5. Documentation: Documentation (including purchase receipts) for expense reimbursement must be retained by the County and shall be made available upon request for audit purposes.
- 6. Substantiation of Costs: All personnel salary costs must be properly tracked or allocated to the cooperative agreement in accordance with the Office of Management and Budget (OMB) requirements and Federal Cost Principles. Personnel costs must be able to be traced back to original documents detailing the account to which personnel hours are billed. In addition, all invoiced personnel costs must match the work plan.

If the County plans to seek reimbursement for vehicle mileage, the documentation for mileage reimbursement must be tracked separately from all other programs and documentation must be available to support the reimbursement. In addition, all invoiced vehicle costs must match the work plan. Mileage rates used on invoices must be the same as contained in the work plan. CDFA will notify counties of new rates (current rate \$0.56) if the federal mileage rate changes during the term of the agreement.

All other expenses (travel, supplies, communications, etc.) for which the County will seek reimbursement under the cooperative agreement must be directly related to the cost of administering and conducting the program, and documentation must be available to support the reimbursement. In addition, all invoiced expenses must match the work plan.

The following citations are requirements outlined in OMB Circulars and Federal Cost Principles applicable to your agency/organization.

State, Local and Indian Tribal Governments:

- 2 C.F.R. § 200 (http://www.ecfr.gov), Uniform administrative requirements, cost principles, and audit requirement for federal awards.
- 2 C.F.R. § 225 (http://www.ecfr.gov), Cost Principles (formerly OMB Circular A-87), see Cost Allocation Plans and Attachment B, 8. Compensation for personal services, h. Support of Salaries and wages.
- **7. Submission of Monthly Invoice:** Invoices with the ACP Regulatory Monthly Activity Report must be emailed to Keith Okasaki at Keith.Okasaki@cdfa.ca.gov.

Contact Keith Okasaki with any questions regarding invoicing or reimbursement by email or by calling (916) 274-6300.

County Regulatory Staff Hours July 2021 - June 2022

County	FY 2021-22 Agreement Amount	Total Inspections	Total NOV and NOPA	Total Average Hours/Month	Average Hours/Month per Staff	Average Staff/Month	Average Staff Over 84 Hours/Month
Fresno (*1)	\$93,419.64	430	61	123	12	7.7	3.0
Imperial	\$49,682.53	30	1	473	9	4.0	0.0
Kern	\$75,000.00	833	5	141	22	6.3	0.0
Kings (*1)	\$26,138.94	23	0	5	2	2.0	0.0
Los Angeles	\$271,839.35	479	0	257	128	2.0	1.9
Monterey	\$16,171.55	77	0	9	9	0.8	0.0
Orange	\$86,712.60	107	0	68	16	4.0	1.0
Riverside (*1)	\$752,709.87	2,288	11	1,037	29	32.6	5.1
San Bernardino	\$25,557.50	15	0	14	7	2.3	0.0
San Diego	\$680,841.88	460	5	496	82	6.3	3.4
San Luis Obispo	\$10,970.71	3	0	9	9	1.0	0.0
Santa Barbara	\$19,886.44	26	0	9	2	3.7	0.0
Tulare (*1)	\$380,000.29	3,424	170	470	41	10.9	2.6
Ventura (*3)	\$146,007.26	433	24	150	17	7.0	1.0
Total	\$2,634,938.56	8,628	277	3,262	383	90.5	18.0

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

HLB Treatment Updates

Southern District

September 7, 2022

Treatment Updates

- Delimitation treatments were conducted in the areas of Placentia, Corona, Jurupa Valley, Whittier, Pico Rivera, Norwalk, Duarte, Garden Grove, Santa Ana, Orange, and Anaheim.
- Residential buffer treatments around the commercial citrus groves are rescheduled and likely will start in the fourth week of September.
- Public meetings held in July and August:
 - To treat delimitation areas in Los Angeles and Orange Counties on July 19 and Aug 23, 2022.
 - To treat delimitation areas in Riverside and San Bernardino Counties on July 20 and Aug 24, 2022.
 - To treat residential properties around the commercial citrus groves in San Diego County on Aug 16 and in San Bernardino/Riverside Counties on Aug 17, 2022.

HLB Delimitation Treatments I

Areas	Total Properties	Properties Treated	No Host Properties	Refusals/ No Contact	Completion
Corona (12,13)	209	109	81	7/12	100%
Jurupa Valley (2, 3)	119	45	59	3/12	100%
Whittier (45)	446	144	272	3/1	93%
Pico Rivera (31,38,4,47,48)	408	167	207	17/14	100%
Norwalk (7)	201	103	87	6/5	100%
Duarte (11,12,13)	153	96	47	6/4	100%

HLB Delimitation Treatments II

	Areas	Total Properties	Properties Treated	No Host Properties	Refusals/ No Contact	Completion
	Placentia (7)	208	98	92	8/10	100%
/	Orange (54)	402	80	314	4/4	100%
	Garden Grove (12)	186	45	135	0/6	100%
	Anaheim (95)	669	122	517	10/20	100%
	Santa Ana (89,90)	622	32	527	0/0	84%

Southern District Staffing - Updates

County	Permanent	Seasonal	Pending Hiring	Hiring Status
Los Angeles	29	7	One PPA I and Four PPA I (LT)	One PPA I hiring is in the process and reviewing applications for PPA I (LT).
Orange	13	5	One PPA III, Two PPA I, and Five PPA I (LT)	Reviewing applications for PPA I and PPA I(LT). Need to post for PPA III and another PPA I.
Riverside and San Bernardi	-	18	Eight PPA I (LT) and One PPA II	Waiting for more applications/Interviews ongoing.
San Diego and Imperial	15	6	One PPA I and Five PPA I (LT)	PPA I and PPA I (LT) interviews are taking place.

Staff Distribution By Projects

Counties		ACP/HLB Treatments and Tree Removals	ACP/HLB Regulatory
Los Angeles and Orange	30	17	4
Riverside and San Bernardino	16	9	5
San Diego and Imperial	16	2	2



Central District Update

Operations Subcommittee Meeting

September 7, 2022

Central District Update Tulare County

- July 26 Woodlake
 - One trapped adult ACP on a packing house trap
 - 400-m visual survey with the dog team; no additional ACP
 - Regulatory incident, and no further action needed by CDFA
- August 25 Woodlake
 - One trapped adult ACP on same packing house trap
 - Visual survey conducted same day, no additional ACP
 - Deploying delimitation traps in the 4 sq. miles around the detection and a treatment response in the 400-meters around detection



Central District Update Tulare County

- August 31 Woodlake
 - One trapped adult ACP on a delimitation trap in the same grove
 - Additional suspect ACP (trapped and live collection) pending laboratory confirmation
 - Tulare County is going to service the facility traps they have every week for the first 4 weeks of the delimitation
 - Grove traps that are serviced by CASS employees were screened with no additional ACP



Central District Update

San Luis Obispo County

- August 19 Arroyo Grande
 - One county (residential) detection trap with one adult ACP

August 23 – Arroyo Grande

- 50-meter visual survey resulted in an additional trapped adult ACP at same residential location
- Deploying delimitation traps in the 4 sq. miles around the detection (collected a live ACP)
- Find site and adjacent properties were treated
- Public meeting set for September 8
- 400-meter treatment schedule to begin on September 12

Central District Update San Luis Obispo County

August 25 – Arroyo Grande

- A single live adult ACP was collected on August 23 while deploying delimitation traps in the 4 sq. miles around the initial detection
- Visual survey conducted in the 50-meter area; no additional ACP observed
- Utilized the dog team for this area; no additional ACP observed
- Find site and adjacent properties were treated
- Trapping (Detection and Delimitation)
 - Status quo in Fresno, Kern, Madera, and Tulare Counties
 - San Luis Obispo with the new detection in Arroyo Grande, there are now two delimitations

Central District Update

- Biocontrol releases
 - Woodlake/Lemon Cove released in July and August, planned for mid-September
 - Orange Cove released in July and August, planned for mid-September
 - Kern County *Tamarixia* releases are ongoing
 - Santa Barbara Tamarixia releases are ongoing

Survey

 Staff are focused on risk/multi-pest surveys and will begin citrus commodity surveys in September

Central District Update - Projects

Office	Survey	Trapping	Treatment
Fresno	9	4	1
Visalia	5	0	0
Shafter	2	3	4
Camarillo	6	2	0

Central District Update - Staffing

County	Total Perm Staff (current)	Pending Hiring (vacancies)	Hiring Status
Fresno County (Fresno)	11	1 PPA I 1 PPA II	PPA I applications being reviewed; in process of scheduling PPA II interviews.
Kern County (Shafter)	7	2 PPA I 1 PPA III	PPA III interviews conducted, in process of making offer.
Tulare County (Visalia)	8	1 PPA II	Vacancy announced.
Tulare County (Visalia Regulatory)	1		
Ventura County	7	1 PPA II 2 PPA I	All vacancies to be



Northern District Update Operations Subcommittee Meeting September 7, 2022

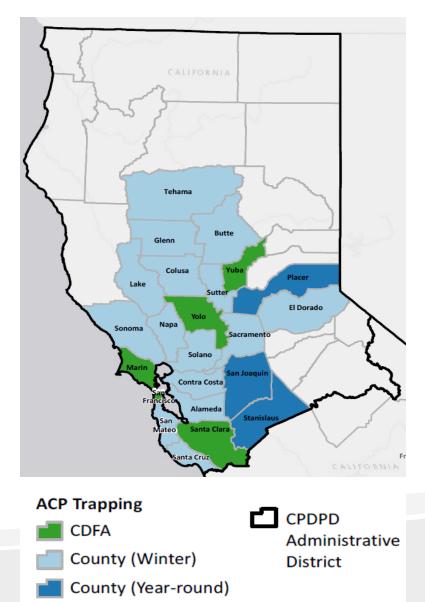
Northern District Update | Trapping and Biocontrol

Detection Traps

Winter trapping will resume in November in 20 counties. Year-round trapping continues in 3 counties.

Delimitation Traps		
Alameda County	126	
Santa Clara County No expansion to existing delimitation area.	591	

Biocontrol		
Number of Tamarixia radiata	158,900	
Number of Properties	352	
Data current as of 8/31/22.		



Northern District Update | Risk Survey 2022 Cycle 1

Completed			
Lake			
Napa			

In Progress		
Alameda	San Joaquin	
Butte	San Mateo	
Colusa	Santa Clara	
Contra Costa	Santa Cruz	
El Dorado	Shasta	
Marin	Solano	
Mendocino	Sonoma	
Placer	Stanislaus	
Sacramento	Del Norte	
San Francisco	Tehama	





Northern District Update | Staffing

Activity	Number of Staff
Risk Survey	5
ACP Detection and Delimitation	7
Biocontrol	1
Regulatory	3





Grower Liaison Update

CPDPC Operations Meeting

September 7, 2022

Teri Blaser

• Fresno, Madera, Northern Tulare Counties

- In Fresno and Madera Counties there have been no further ACP finds and no further contact with growers.
- For the Woodlake/Lemon Cove (confirmed 5/3/2022 5/10/2022) find twenty-six growers were notified of the deployment of delimitation traps. Eight growers in the 800-meter treatment radius were contacted and asked to spray. All complied. Three 25+ property owners were contacted. One removed a tree to allow CDFA to do a residential treatment, two were aided by the Tulare Pest Control District and the County of Tulare Agricultural Commissioner's office monetarily to complete treatment. Thank you to Judy Zaninovich for coordinating with ResCom.
- For the Woodlake find of 7/25/2022 eighteen growers were notified of the regulatory find.
- For the Woodlake finds of 8/25, 8/31, and 9/1/2022 nineteen growers were notified and requested to treat. Communications with growers is ongoing. The 7/25, 8/25, 8/31, and 9/1 trap finds are in the same area.
- Continuing to send updates to growers on a monthly basis for all three areas.

Judy Zaninovich

Kern County

- 10 ACP trap detections this year to date last detection was in June.
- The SJV ACP/HLB Task Force has this year again recommended growers with citrus east and south of Bakersfield make a coordinated ACP treatment between mid-August and mid-September. Psyllid Management Area Team Leaders have called all growers in the treatment area.
- Assisted in organizing meetings and updates for the SJV ACP/HLB Committee, SJV Task Force, and the SJV Organic Citrus ACP Advisory Committee. Will continue to keep the Kern County citrus industry informed through email updates and meeting reports.

Cressida Silvers

Santa Barbara County

- Monthly updates, Area Wide treatment reminders and CA-CRaFT application
- Email and phone inquiries from industry members
- Grower list (ongoing)

San Luis Obispo County

- Monthly updates, CA-CRaFT application
- Incident calls, coordinating with CDFA and CAC
- Grower within 800m of recent detection
- Grower list (ongoing)

Ventura County (with Sandra Zwaal)

- Monthly update, treatment reminders and CA-CRaFT application
- Emails and phone inquiries from industry members
- Task Force meeting
- Task Force PCA/PCO subcommittee meeting
- Sept 28 Grower Meeting
 - Exploring options for serving Spanish-dominant growers
- HLB Action Plan and messaging update
- Grower list (ongoing)

Sandra Zwaal

Ventura County

- ACP Task Force Meeting
- Task Force/PCA/PCO/Farm Mgt Subcommittee Meeting
- Annual ACP Task Force Grower Meeting
- 1st Fall ACP Area-wide treatments
- Grove, grower contacts, and PUR reconciliation and updates
- GL updates/eblasts to the Ventura Co. citrus community
- CRaFT project TAC and announcement

San Bernardino County

- San Bernardino Task Force Meeting
- San Bernardino Farm Bureau Meeting
- UC Davis/CAC Economist Meeting
- HLB Action Plan Meeting
- CRaFT project TAC and announcement
- HLB finds and maps for commercial properties in the delimitation areas
- GL updates to the San Bernardino Co. citrus community
- Grove, grower contacts, and PUR reconciliation and updates
- Ground truth groves

Sandra Zwaal

San Diego County

- Pauma Valley HLB+ adult psyllid 5 commercial properties
- Vista HLB finds no commercial properties
- Ground truth groves in the HLB delimitation area
- Mexican fruit fly announcement & assist CDFA with finding harvesting companies
- GL updates to the Ventura Co. citrus community
- Citrus Pest Mgt Grower Meeting & Field Day
- Grove, grower contacts, and PUR reconciliation and updates
- San Diego PCD Meeting
- CRaFT project TAC and announcement
- UCR field trials

Riverside County

- Citrus Pest Mgt Grower Meeting & Field Day
- GL updates to the Riverside Co. citrus community
- Hemet and Coachella PCD Meetings
- HLB finds and maps for commercial properties in the delimitation areas
- Grove, grower contacts, and PUR reconciliation and updates
- CRaFT project TAC and announcement

Curtis Pate

Imperial County

- AWT dates revised, conventional-systemic application between September 18 and completed by October 23, organic-2 foliar applications, 10-14 days apart, between October 1 and complete by October 30.
- Communicated new dates and acceptable material list with all growers and their key personnel.







ACP DETECTOR CANINES UPDATE

Presentation for CPDPC Operations Sub-Committee Sept 7, 2022

> WHERE MAN'S BEST FRIEND FINDS IT! PEST CONTROL – AGRICULTURE – FOOD SAFETY

Overall Summary of Services Provided 7/7/22 – 8/31/22

Residential

Item	CA	AZ
Number of Trees with ACP	0	0
Total Number of Trees Inspected	620	246
Number of Doors Answered	118	18
Number of Doors not Answered	157	0
K9 Inspection	112	18
Visual Only	83	0
No Permission	2	0

Commercial Orchards

Item	CA	AZ
Number of Trees With ACP	63	0
Total Number of Trees Inspected	21,041	0
Number of Clients	18	0
Number of Blocks	122	0

K9 Performance 7/7/22 – 8/31/22

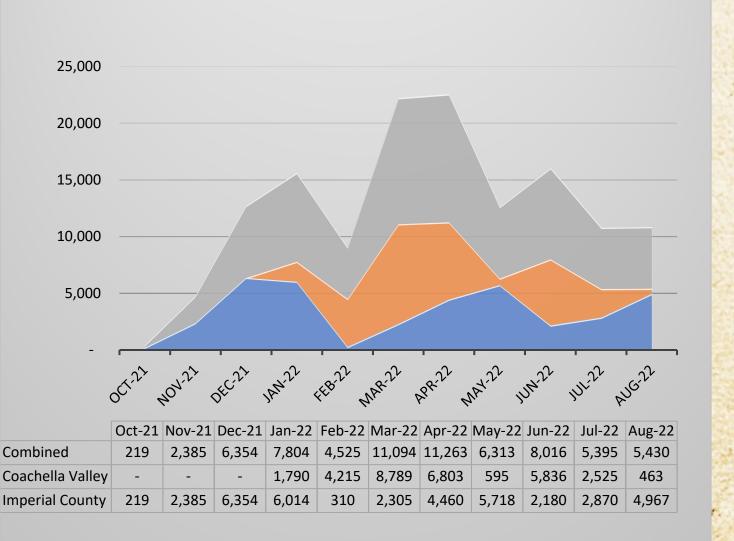
Naturally Occurring ACP	
Total K9 Alerts	73
Alerts With ACP Visually Confirmed	63
% Visually Confirmed 86%	

Training Aids (Live and Pseudo)	
Total K9 Alerts 51	
Alerts At Tree With Training Aid 48	
Accuracy 94%	

Alert Breakdown by County 7/7/22 – 8/31/22

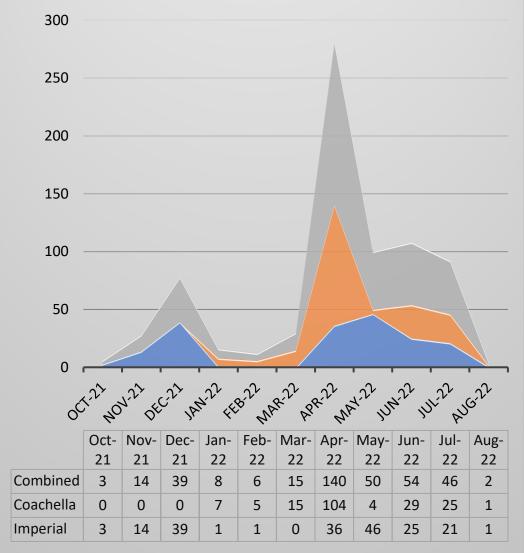
Average		86%	1.17%
Total	63		
Ventura County*	32	97%	2.6%
Coachella Valley	19	86%	0.7%
Imperial County	12	75%	0.2%
County / Area	Productive Alerts	% of Alerts Productive	Incident Rate (trees with ACP/trees surveyed)

* Team based in Fresno working with pseudo scent goes to Ventura County for live ACP odor.

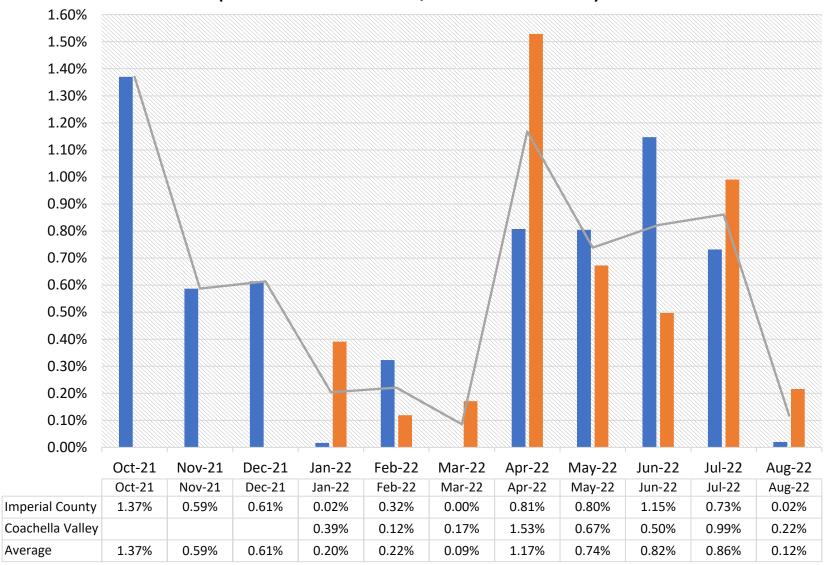


Trees Scouted - Desert Region

Productive Alerts - Desert Region



Incident Rate (Productive Alerts / Trees Scouted)



Desert Region Pest Control Districts

From Coachella Valley Manager

- We deploy based on previous ACP finds and to farms near residential properties with backyard citrus trees.
- The K9 team has been able to consistently find ACP where trapping and visual surveys did not, enabling us to target problem areas. In addition, it has helped us determine if ACP treatments are effective as we can re-scout groves post treatment.

From Imperial County Manager

- We have paid more attention to the urban/commercial interface and followed that with historical detections. Those historical detections have come from both trap and dog detections. We also have spent more time in the last 2 months looking at 25+ properties.
- The K9 teams have encouraged/reassured us about the lack of populations in our area during the high heat summer. While there has been some detections there has been no "out of control" populations found this summer.

Working with County Ag Inspectors

Tulare County

- Tom Tucker, Ag Commissioner, liked the idea of K9 teams working with inspectors at packinghouses.
- Nicole Motley, Deputy Ag Commissioner Pest Exclusion and Standardization, is arranging for a supervisor to seek permission from PCI. I was invited to attend that meeting.
- We discussed possible similar visits with packinghouses that bring fruit from generally infested counties.

Ventura County

- Greta Varien, Deputy Ag Commissioner of Pest Control, has secured permission from boss for us to accompany them while doing grate inspections.
- They schedule these one to two days before they occur so notice will be short.
- We will need to secure permission from grower.

Packinghouses with ACP finds

Orange Cove

- July 8, 14, 15, 25 re-checked potted plants.
- Aug 29 re-checked previously infested potted plants that are planted near by.
- Nursery plants remain in bins 2-3 deep which does not allow for an effective canine inspection. They were visually inspected and edges were sniffed.
- No alerts

Woodlake/Lemon Cove

- July 25, 29 surveyed commercial blocks near packinghouse, no alerts.
- Have not re-scouted host trees at packinghouse office.
- Have not re-scout the two residences where ACP were previously found since June 14. Will re-survey September 3.

Residential ACP Scouting with CDFA Staff

	No. of the second se	the state of the second s		and the second se	
	Town	County	Residence Surveyed	Alerts	ACP Located
	Arroyo Grande	San Luis Obispo	16	1	0
	Bakersfield	Kern	32	0	0
	Fowler	Fresno	4	0	0
· · · · ·	Fresno	Fresno	30	0	0
	Kerman	Fresno	7	0	0
	Shafter	Kern	17	0	0
	Woodlake	Tulare	1	0	0
	Total		107	1	0

Requests to work with CDFA during risk and delimitation surveys have been increasing.

Discussion

- Do you see a role for the canine teams within CPDPP?
- If so, where within the program?
- How will it be funded after May 2023?

Data Department Update

Rick Dunn

CRB Director of Data and Information Management

9/7/2022

Data Management Department Activity,

September 7, 2022 Richard Dunn - Data, Information & Management Director

UCKAC GIS Facility

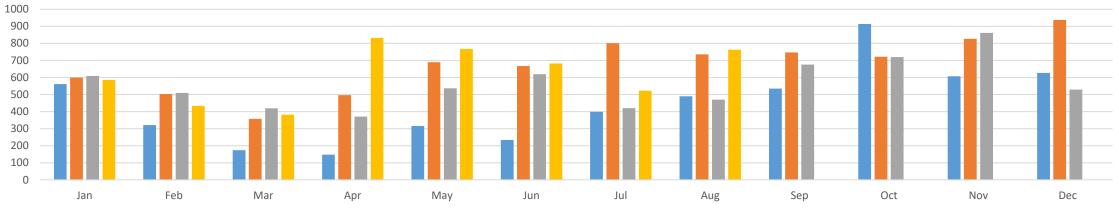
Robert Johnson continues to assist with Statewide Citrus Layer maintenance and keeping the UCANR interactive web map updated with ACP, Biocontrol, CLas+ACP, and HLB detection data. http://ucanr.edu/acpmap

CRB Data Department

- Director is supporting Psyllid Management Area group activities and regional ACP / HLB Task Force groups in various counties with mapping support services.
 Revising the Statewide Commercial Citrus Layer as information is received. Riverside county is in progress. Director is collaborating with CDFA PDAS and CPDPD GIS staff on development of a NOMAD replacement system.
- GIS Analyst Nancy Ying is conducting routine data scrubbing, quality control, and map production tasks.
- Staff continue to support the CPDPP commercial grove trapping / sampling program. Supplying trappers with individualized GIS Trapsite and Samplesite layers updated weekly for use on their NOMADs. We produce and distribute ACP / HLB detection overview maps, PDR 800M maps, Biocontrol Workgroup activity maps, CPDPP Trapping progress maps, CPDPP Sampling progress maps, Trapping catch per day maps, Sampling close-up maps, and ArcGIS Online detection / collection heat maps, as well as monthly summary data, ACP situation data, and statistical reports.

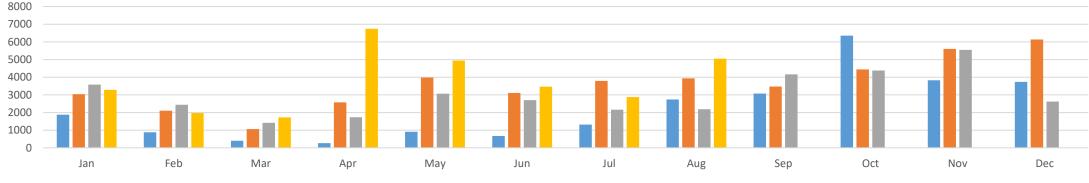
CPDPD Commercial Grove Sampling Program September 2022 update

Suspect ACP Collection Events



■ 2019 ■ 2020 ■ 2021 ■ 2022

Suspect ACP Collected for Testing



■ 2019 ■ 2020 ■ 2021 ■ 2022