

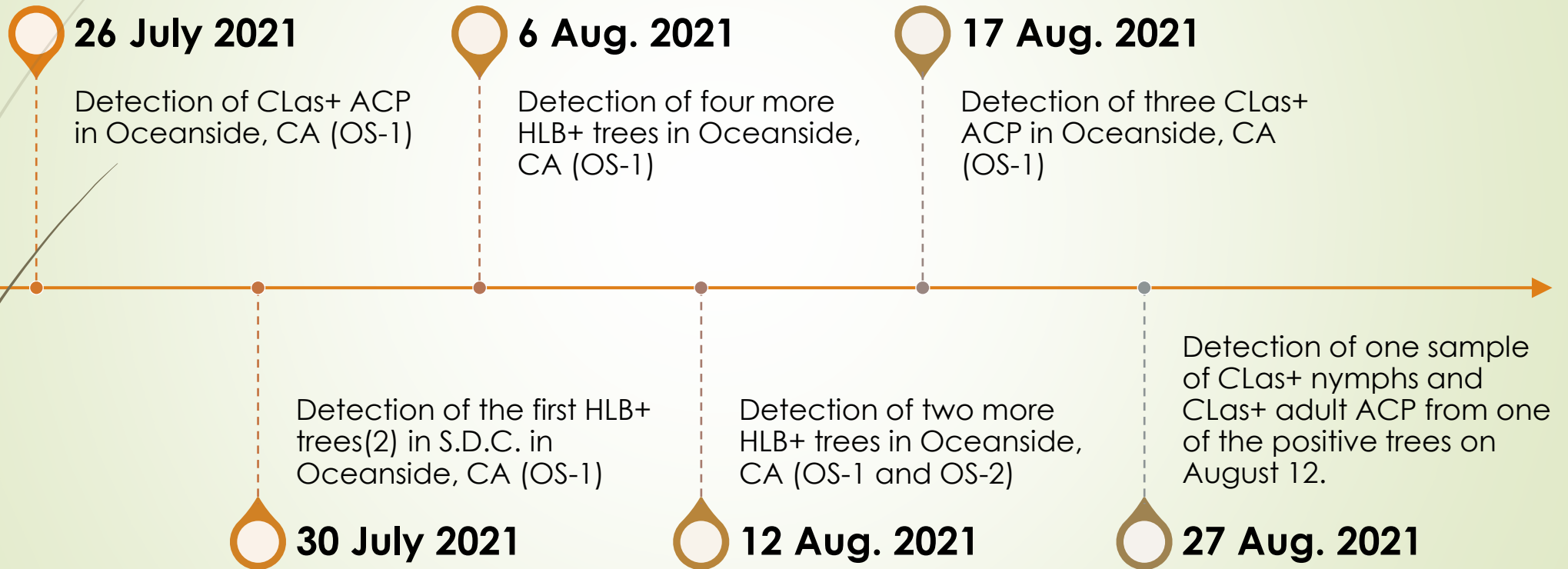


HLB Detection, Delimitation, and Tree Removal Updates

Southern District

September 8, 2021

HLB Detections in Oceanside(San Diego County)





CDFA Response in Oceanside

- All eight HLB positive trees have been removed.
 - Infected trees were cut down, double bagged and taken to the local landfill for deep burial.
- The find sites and the adjacent properties were sampled (quadrants and root samples).
- Mandatory survey and treatments have been conducted in the 250m radius delimitation area.
- A 5-mile radius quarantine was setup from the find site.
- A public meeting was held on August 12 to inform the residents about the mandatory treatments.
- A nursery meeting was conducted on August 17, and a growers meeting was held on August 26.

HLB Delimitation Survey I

Areas	Total Properties	Properties Surveyed	No Host Properties	Refusals/No Contact	Completion
Westminster (10,11)	41	41	10	0/0	100%
Orange (13,14)	295	192	95	4/37	65%
Irvine (2)	271	259	91	5/7	100%
Fullerton (3)	360	225	140	25/35	62%
San Bernardino (1)	398	345	205	3/0	87%

HLB Delimitation Survey II

Areas	Total Properties	Properties Surveyed	No Host Properties	Refusals/No Contact	Completion
Oceanside (1,2)	502	460	351	18/21	92%
Pico Rivera (39-41)	421	349	186	18/56	83%
Whittier (40-42)	56	51	15	1/4	100%
Norwalk (5, 6)	697	682	566	3/11	100%
Paramount (5-8)	127	104	53	4/19	82%

Quadrant Survey – 2021

(Find site, Adjacent, Inconclusive samples)

County	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Los Angeles	22	43	59	203	32	94	151	168				
Orange	285	124	27	266	365	353	325	237				
Riverside	25	70	123	361	0	0	0	54				
San Bernardino	0	0	0	25	379	584	164	82				
San Diego	52	0	0	0	0	0	152	40				
Imperial	0	0	118	0	0	0	0	0				
Total	384	237	209	855	776	1,031	792	581				

CDFA Assisted Research Projects

CRB Tissue and Seasonality Sampling **June 21 – Sept. 22, 2021**

County	Non-Positive sites	HLB Positive Sites
Orange	12	39
Los Angeles	0	24
Riverside	2	0
San Bernardino	2	1
TOTAL	16	64

Croptix survey will be conducted with a field sensor to detect HLB by using broadband light to examine leaves internally.

HLB Positive Trees- July and August

County	HLB Positive Trees	Trees Removed	Cumulative Pending
Los Angeles	20	21	8*
Orange	48	40	22
San Bernardino	1	1	0
Riverside	0	0	0
San Diego	8	8	0
TOTAL	77	70	30
* Includes three refusal properties for final abatement.			



California Department of Food & Agriculture Plant Pest Diagnostics Center HLB Testing Program 2021

Monthly Lab Totals – Fig. 1

HLB Yearly Totals – Fig. 2

Plant and ACP Samples Submitted by County – Fig. 3

Tally of Positive Detections by County and City – Tables 1-3

Tally of Positive Detections by City per Year – Tables 4

Map of HLB Positive Trees – Fig. 4

If you have any questions, please call or email me at 916-738-6710 lucita.kumagai@cdfa.ca.gov.

Fig 1. 2021 Plant and ACP sample totals per month.

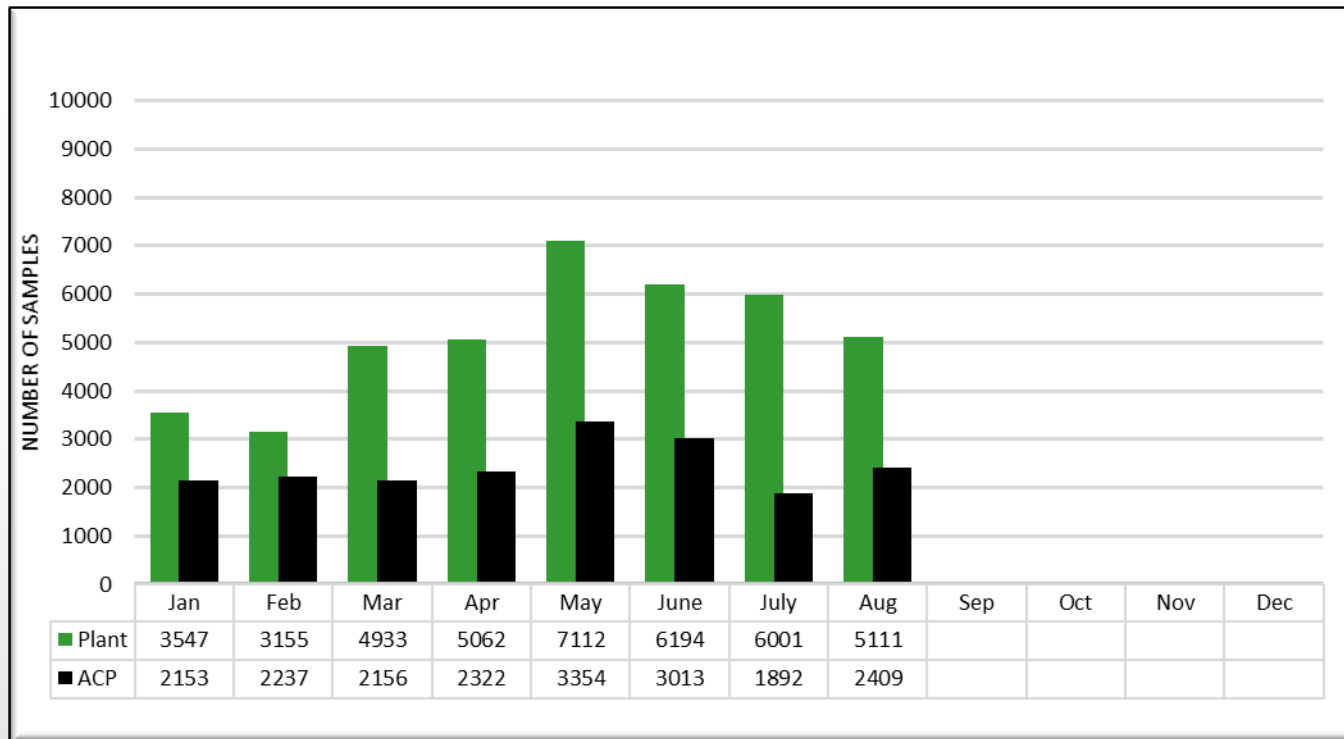
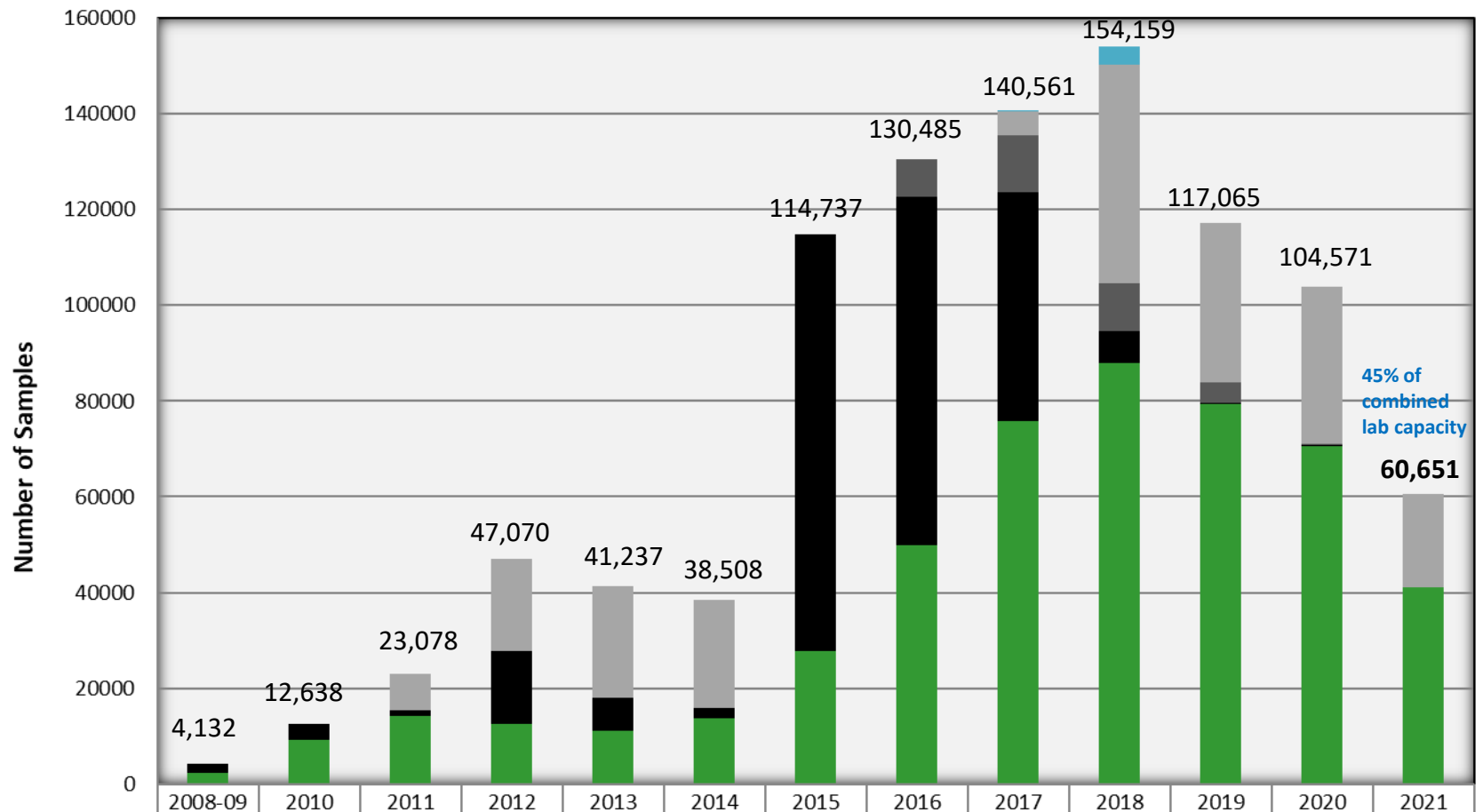


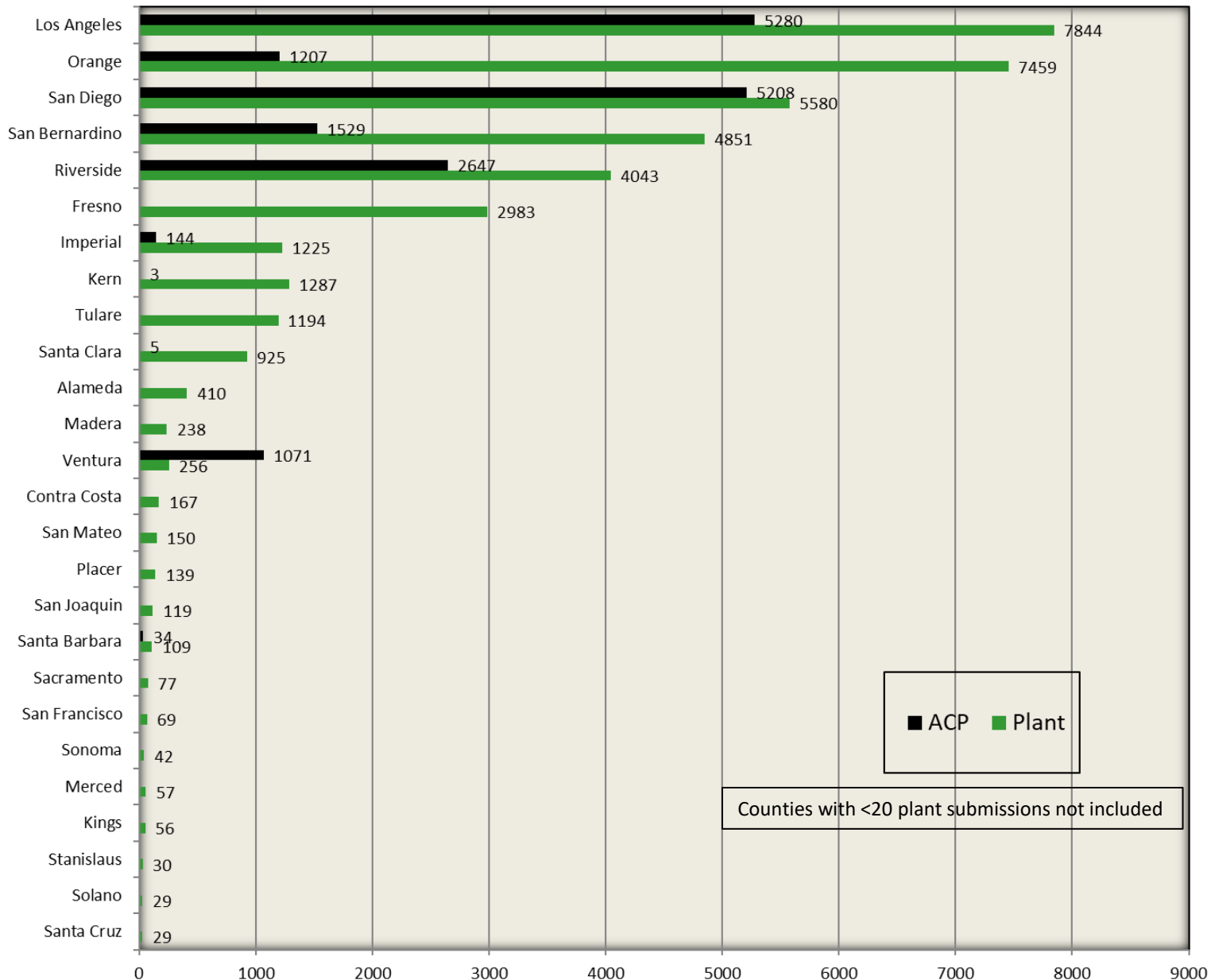
Fig 2. Number of samples submitted for HLB testing per year from 2008 to 2021.



ACP CPDP									94	4020	0	0	0
ACP CRB			7740	19380	23222	22568	0	0	5085	45550	33247	32920	19521
ACP Univ of AZ								7881	11896	10079	4310	205	0
ACP CDFA	1923	3527	1105	15032	6872	2300	87053	72832	47619	6698	133	130	15
Plant CDFA	2209	9111	14233	12658	11143	13640	27684	49772	75867	87812	79375	70606	41115

Combined total of plant and ACP samples tested from 2008 – 2021 is 988,182.

Fig 3. 2021 Plant and ACP Samples Submitted by County



Tables 1-3. Tally of positive detections by county and city as of 9/1/2021

County	Sites	Trees	ACP
Orange	71.1%	74.75%	65.8%
LA	25.1%	22.00%	26.0%
Riverside	2.4%	1.93%	4.0%
San Bernardino	1.0%	0.96%	2.8%
San Diego	0.3%	0.36%	1.4%
Total	100%	100%	100%

Sample type	Trees		ACP	
RS	106	4%	170	48%
HLBR	2385	96%	184	52%
Total	2491	100%	354	100%

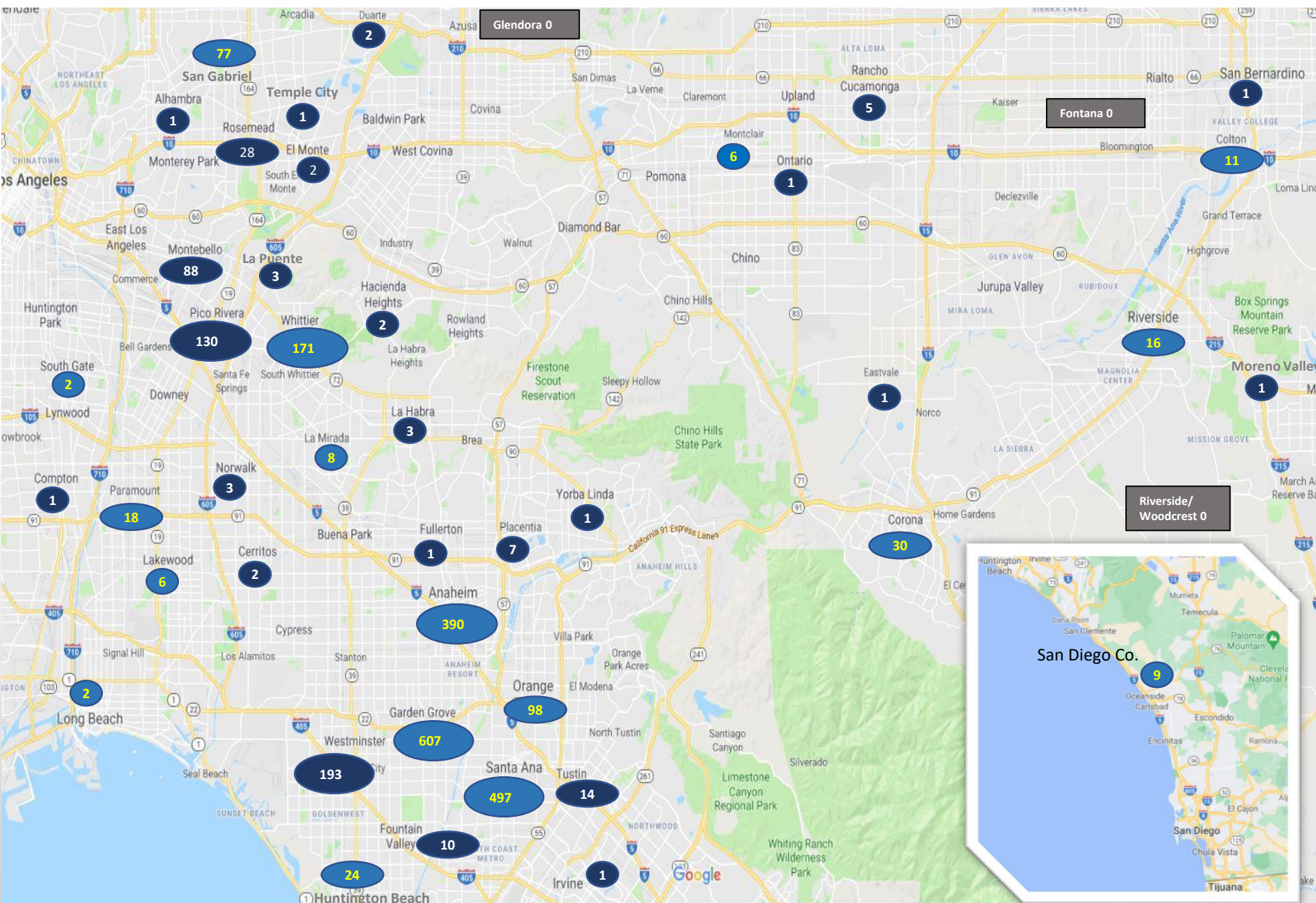
Positives	# Sites	# Trees	# ACP
Orange County			
Garden Grove	394	607	57
Santa Ana	355	497	46
Anaheim	274	390	94
Westminster	135	207	12
Orange	77	98	11
Tustin	11	14	3
Fountain Valley	4	10	0
Huntington Beach	20	24	0
Placentia	8	7	2
La Habra	2	3	1
Fullerton	3	1	3
Yorba Linda	3	2	2
Irvine	3	2	2
Total	1289	1862	233
Los Angeles County			
Whittier	140	171	23
Pico Rivera	107	130	36
Montebello	62	88	1
San Gabriel	61	77	6
Rosemead	23	28	4
Paramount	17	18	3
La Mirada	8	8	4
La Puente	4	3	1
Norwalk	6	4	3
Cerritos	3	2	2
Hacienda Heights	2	2	1
Lakewood	5	6	0
Duarte	1	2	1
El Monte	3	2	1
Alhambra	1	1	0
Temple City	1	1	1
Compton	1	1	0
Glendora	1	0	1
South Gate	3	2	1
Long Beach	4	2	2
Los Angeles	1	0	1
Total	454	548	92
Riverside County			
Corona	25	30	10
Riverside	17	16	4
Eastvale	1	1	0
Moreno Valley	1	1	0
Total	44	48	14
San Bernardino County			
Rancho Cucamonga	2	5	2
Montclair	6	6	0
Colton	6	11	3
San Bernardino	2	1	1
Ontario	2	1	1
Fontana	1	0	3
Total	19	24	10
San Diego			
Fallbrook	1	0	1
Oceanside	5	9	4
Total	6	9	5
Grand Total	1812	2491	354

Table 4. Annual tally of positive trees per city as of 9/1/2021

COUNTIES
Orange
Los Angeles
Riverside
San Bernardino
San Diego

Cities	2012	2015	2016	2017	2018	2019	2020	2021	Total
Anaheim				132	109	90	21	38	390
Garden Grove				13	348	115	116	15	607
La Habra				1	0	2	0	0	3
Fullerton				1	0	0	0	0	1
Santa Ana					44	168	217	68	497
Westminster					15	175	3	14	207
Yorba Linda					1	0	0	1	2
Orange					31	14	36	17	98
Tustin					5	8	1	0	14
Huntington Beach						6	2	16	24
Placentia						7	0	0	7
Fountain Valley							10	0	10
Irvine							1	1	2
Hacienda Heights	1	0	1	0	0	0	0	0	2
San Gabriel		10	17	33	10	6	0	1	77
Cerritos			1	1	0	0	0	0	2
Pico Rivera				67	35	18	10	0	130
Whittier				18	80	23	21	29	171
La Puente					0	3	0	0	3
Lakewood					1	1	0	4	6
Norwalk					1	0	2	1	4
Rosemead					17	11	0	0	28
Duarte					2	0	0	0	2
Temple City						1	0	0	1
Montebello						84	4	0	88
El Monte						1	1	0	2
Compton						1	0	0	1
Alhambra						1	0	0	1
La Mirada							7	1	8
Paramount							11	7	18
Long Beach								2	2
South Gate								2	2
Glendora									0
Los Angeles									0
Riverside				3	0	4	6	3	16
Corona						15	4	11	30
Eastvale							1	0	1
Moreno Valley							1	0	1
Montclair						2	2	2	6
San Bernardino							1	0	1
Ontario							1	0	1
Colton							4	7	11
Rancho Cucamonga							5	0	5
Fontana									0
Oceanside								9	9
Fallbrook									0
Total	1	10	19	269	699	756	488	249	2491

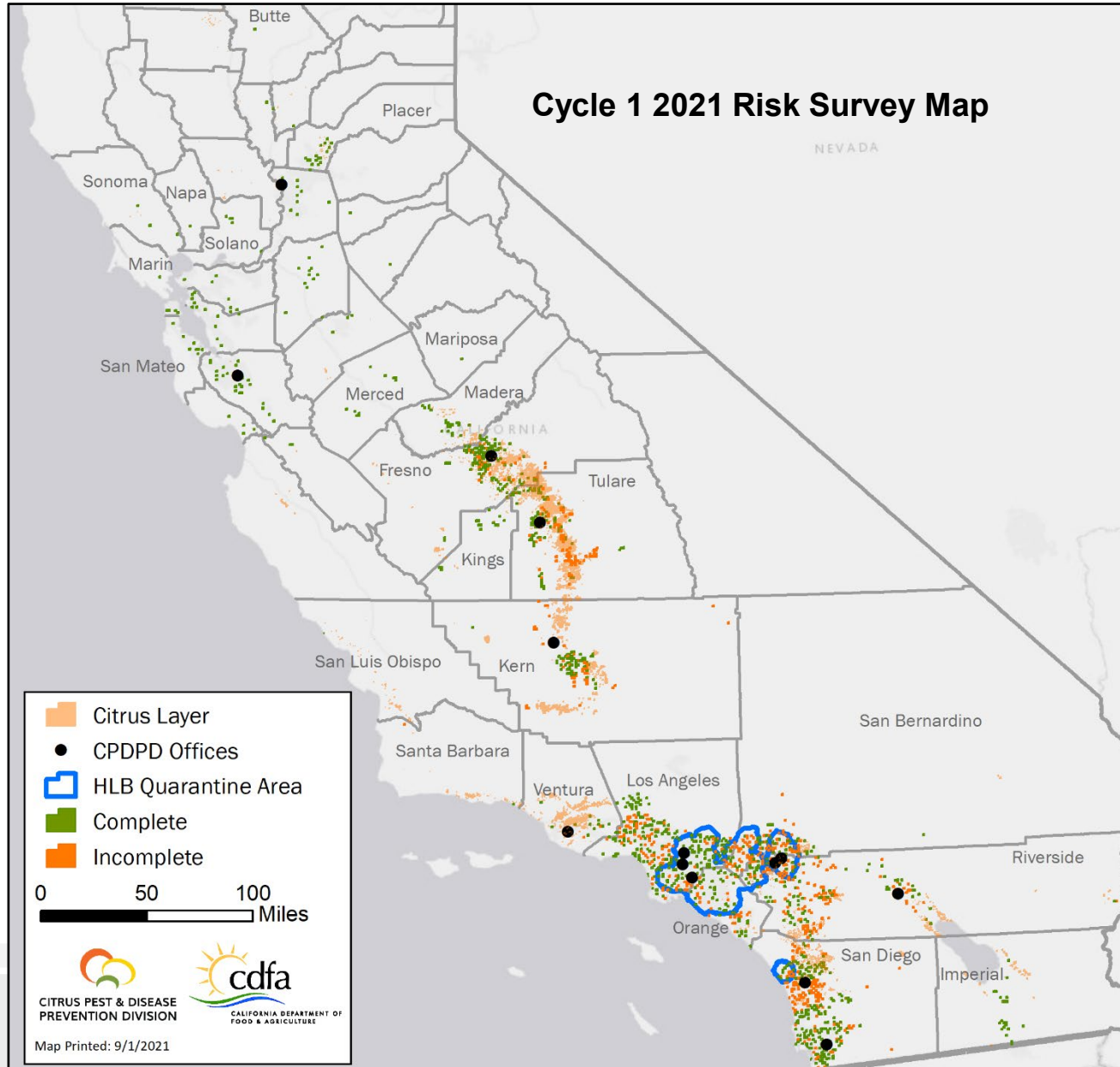
Fig 4. HLB+ Trees. As of 9/1/2021, a total of **2,491** HLB+ trees have been detected and removed: **1,862** from Orange Co, **548** from Los Angeles Co, **48** from Riverside, **24** from San Bernardino, and **9** from San Diego. Only CLas+ ACP was detected in Glendora, Fontana, Fallbrook, and Riverside/Woodcrest. The areas with yellow highlighted numbers are locations where CLas detections are occurring this year.





Risk Survey Update
Operations Subcommittee Meeting
September 8, 2021

Risk Survey Cycle 1 (2021 Status)



- Began Mid-March
- 65% Complete
- Survey Complete in 26 of 36 Allocated Counties
- 32,904 Properties Visited
- 15,706 Properties Sampled
- 6,978 Entomology PDRs
- 10,546 Plant PDRs

Cycle 1 2021 Risk Survey Map – Northern California

Citrus Layer

●

Risk Survey Staff / Office

HLB Quarantine Area

Complete


Incomplete

0


20

40

Miles




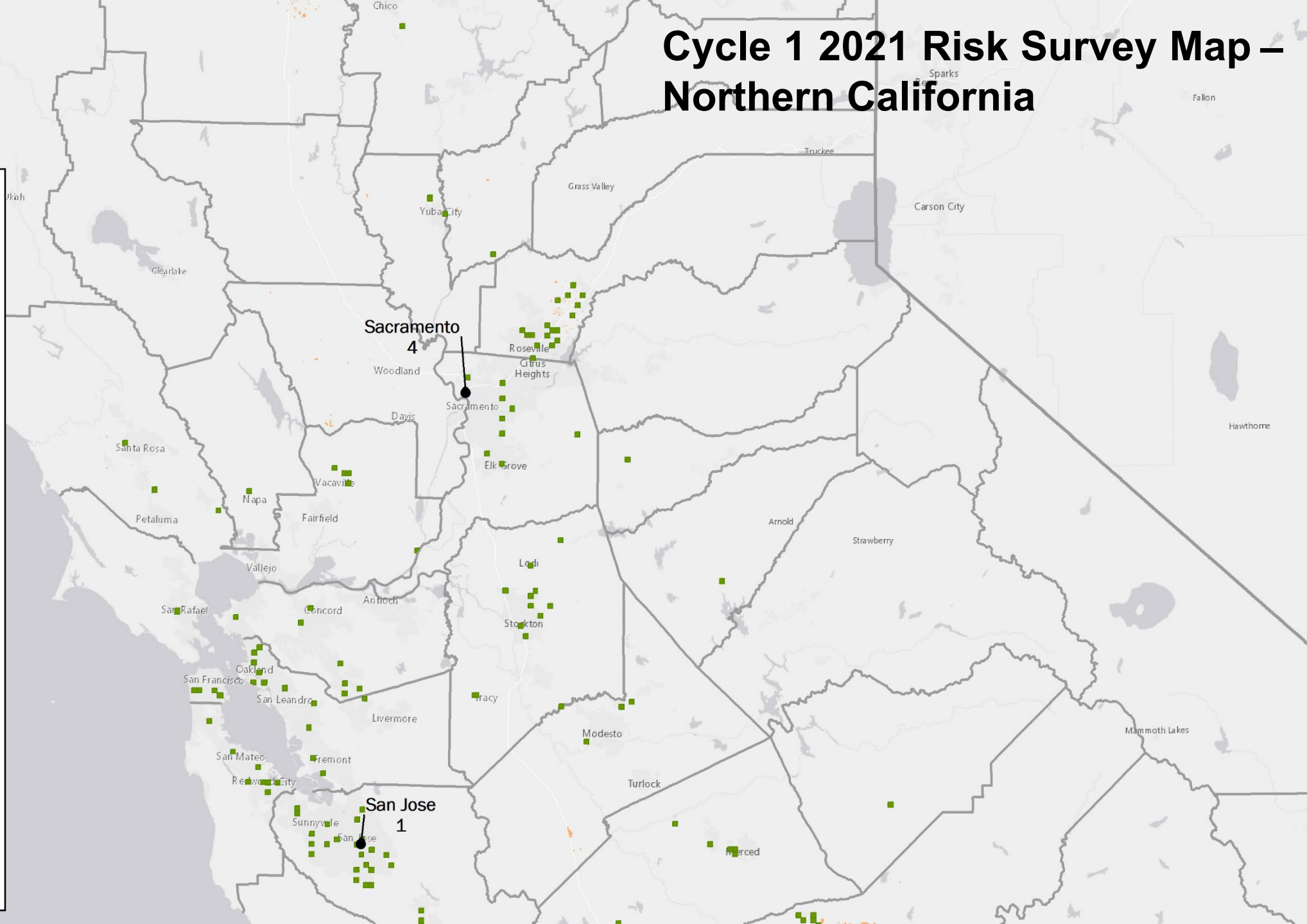
CITRUS PEST & DISEASE
PREVENTION DIVISION








cdfa
CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE

Map Printed: 9/1/2021





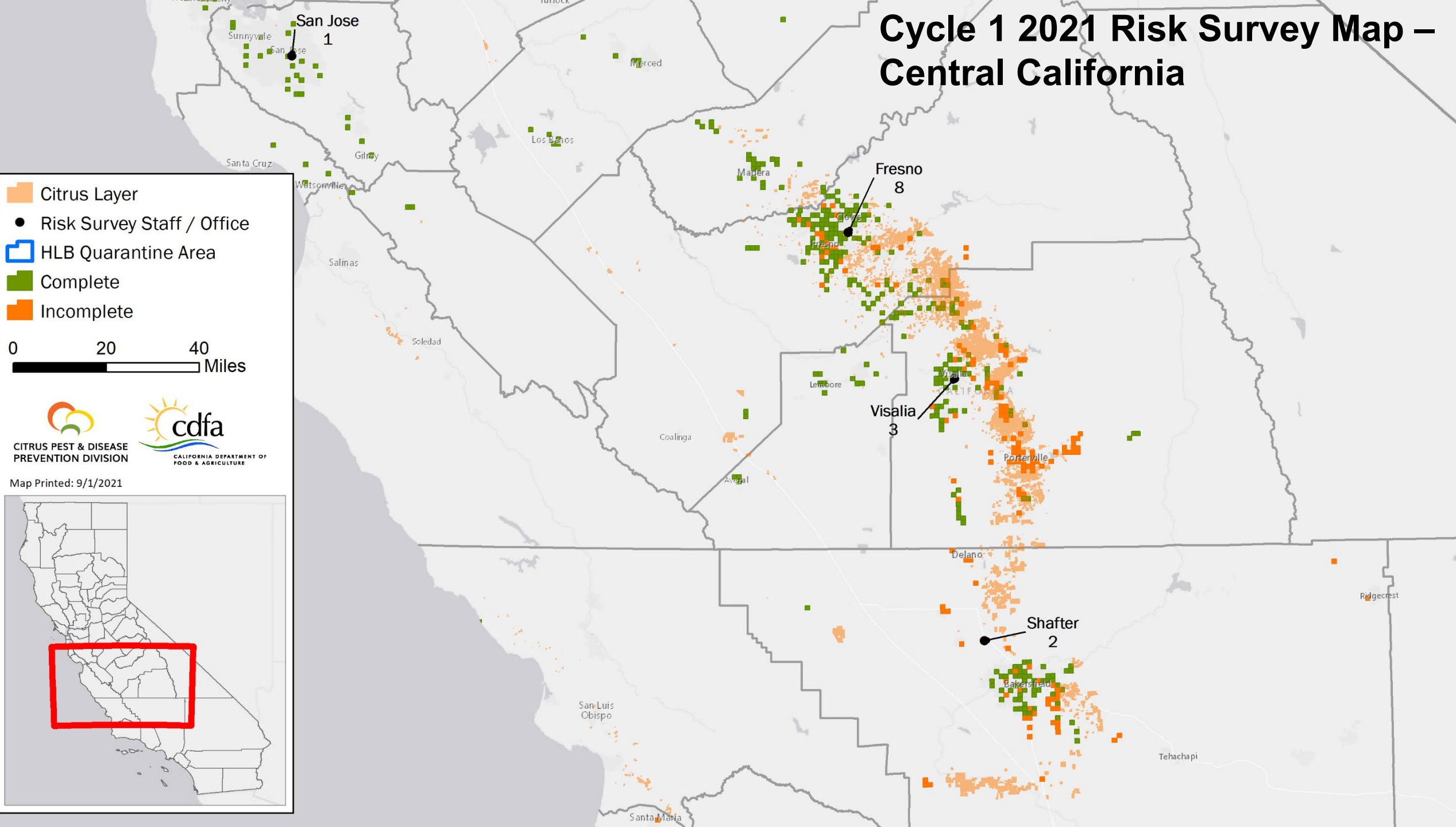
Cycle 1 2021 Risk Survey Map – Central California

-  Citrus Layer
-  Risk Survey Staff / Office
-  HLB Quarantine Area
-  Complete
-  Incomplete

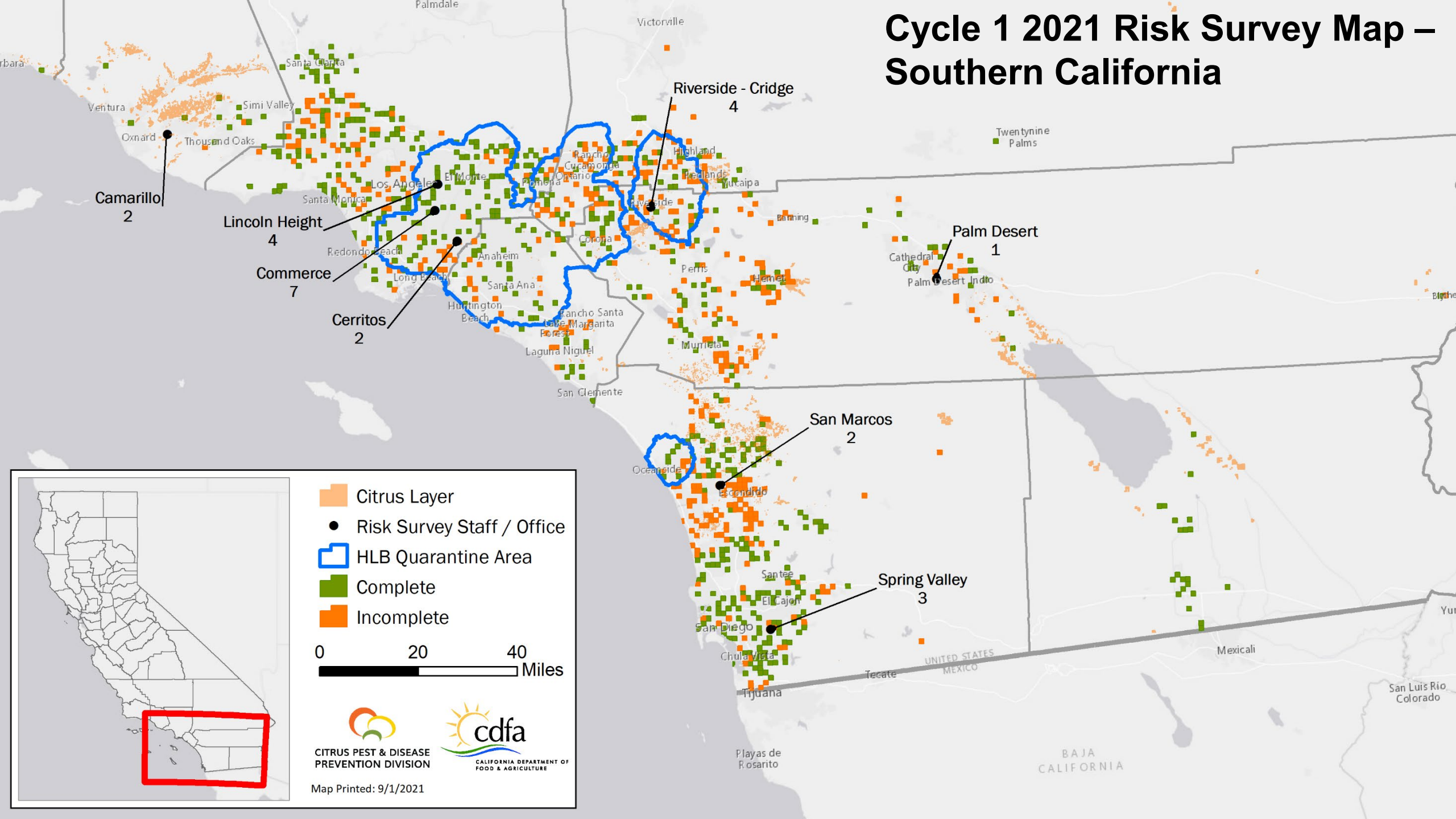
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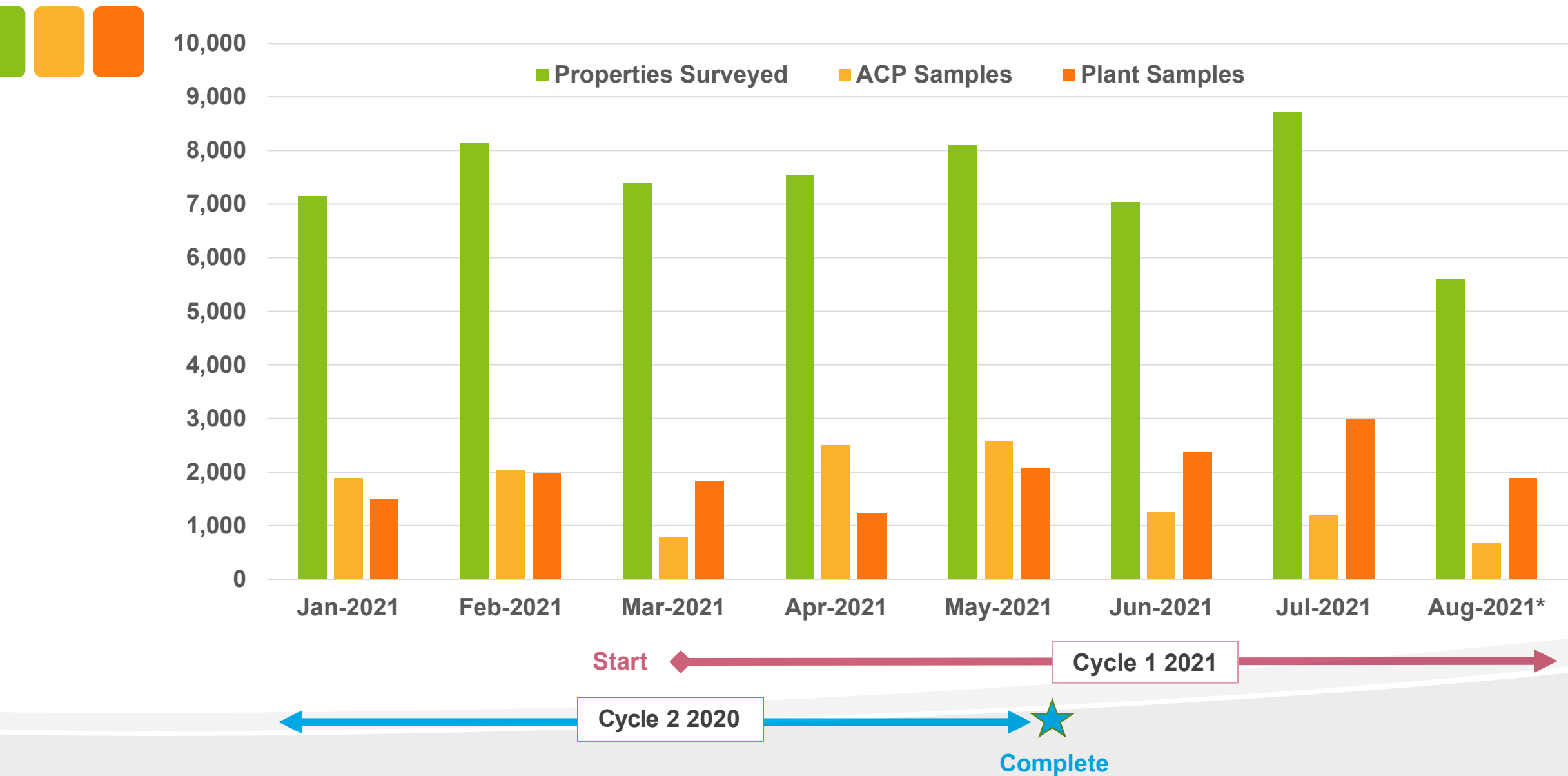
Map Printed: 9/1/2021



Cycle 1 2021 Risk Survey Map – Southern California



Statewide Risk Survey Trends (Cycle 2 of 2020 and Cycle 1 of 2021)



*Data current as of 08/31/2021



Southern District Update

September 8, 2021

HLB Delimitation Treatments - I

Area	Total Properties	Properties Treated	No Host Properties	Refusals/ No Contact	Completion
Oceanside (1 & 2)	502	106	353	17/15	98%
Colton (1-3)	180	110	53	6/9	100%
Norwalk (5)	611	94	511	1/9	100%
Hacienda Heights (1) Retreatment	197	111	73	4/10	100%
Pico Rivera (1-6,10,11,13,16,17,19,21,39,40) Retreatments	4,168	2,100	1,878	90/90	100%
El Monte (1) Retreatment	228	135	78	3/12	100%

HLB Delimitation Treatments - II

Area	Total Properties	Properties Treated	No Host Properties	Refusals/No Contact	Completion
Anaheim (86-92)	381	148	226	2/3	100%
Anaheim (64,65,68,69) Retreatments	218	96	104	4/5	100%
Garden Grove (23,25,26,63) Retreatments	987	125	851	1/10	100%
Huntington Beach (8)	76	27	37	3/9	100%
Irvine (2)	272	162	94	6/11	100%
Santa Ana (72-77)	661	418	209	17/15	100%

Areawide Treatments- Summer/Fall Cycle 2021

Area	Total Properties	Properties Treated	No Host Properties	Refusals/No Contact (Pending)	Completion Status
San Bernardino	239	71	120	41/7	Completed
Hemet	2,005	512	478	493/522	First week of September.
Ventura	978	527	320	114/14	Ongoing till end October.
San Diego Border Buffer	3,420	1,216	1,868	262/74	Ongoing till mid September
The Areawide treatments in Santa Barbara will begin on September 14.					

Public Meetings

Areawide (AW) Treatments

July 26	July 27	July 28	July 29
San Diego County	Ventura County	Santa Barbara County	San Bernardino County

Delimitation Treatments

Aug. 10	Aug.12	Aug. 31	Sept. 8
Los Angeles and Orange County	Oceanside, San Diego County	San Bernardino County	Los Angeles and Orange County

Southern District Staffing - Update

County	Permanent Staff	Seasonal Staff	Pending Hiring	Hiring Status
Los Angeles	29	11	1 PPA I, 1 APC (Sup) 6 seasonal	Conducted the interviews for APC Sup position and the PPA I awaiting to be advertised. Seasonal interviews still ongoing.
Orange	11	7	1 PPA I, 1 PPA III, and 13 seasonal	Interviews have been scheduled for PPA III and seasonal interviews still ongoing.
Riverside and San Bernardino	16	19	16 seasonal	Seasonal interviews still ongoing.
San Diego and Imperial	16	6	5 seasonal and 1 PPA I	Seasonal interviews still ongoing, PPA I position awaiting to be advertised.

Southern District Staffing - Projects

County	Survey (Delim, Risk, Quadrant, CRB, Commodity)	Treatments (Delimitation, AW, Border buffer, Tree removals)	Regulatory (ACP & HLB Quarantine)
Los Angeles and Orange	32	18	5
Riverside and San Bernardino	19	11	5
San Diego and Imperial	14	5	1



Central District Update

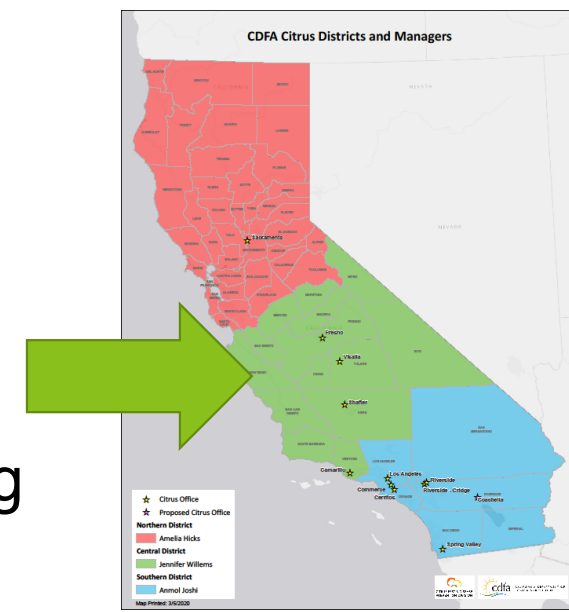
Operations Subcommittee Meeting

September 8, 2021

Central District Update

- **Trapping**

- Detection trapping for Madera and Fresno Counties is ongoing
- Delimitation trapping in Madera County is ongoing
- Kern County delimitation trapping continues; ongoing
 - July 26 - one adult ACP confirmed (Arvin, residential)
 - August 10 - one adult ACP confirmed (Bakersfield, organic grove)
 - August 13 – one adult ACP confirmed (Arvin, residential)
 - August 17 - one adult ACP confirmed (Bakersfield, commercial)
 - August 18 – one adult ACP confirmed (Lamont, rural residential)
 - August 20 – one adult ACP confirmed (Arvin, rural residential)
 - August 30 – one adult ACP confirmed (Bakersfield, commercial)
 - August 31* – one adult ACP confirmed (Mettler, rural residential)



*ACP confirmation dates through August 31



Central District Update

- **Trapping**

- SLO County delimitation trapping – ongoing
 - ACP detections confirmed on June 30 and July 21 in the current delimitation
 - No expansion of delimitation area
 - CDFA placed additional traps around field bin staging areas at the orchard and along the Santa Maria border
- Santa Barbara and Ventura Counties
 - Area wide trapping is ongoing
 - Area wide treatment is underway



Central District Update

- **Treatment**
 - **Kern County**
 - All residential detections have been treated
 - Growers have treated or are in process of treating
 - **San Luis Obispo County**
 - Grower treated on May 13 and July 20
 - No CDFA treatment activities
- **Biocontrol releases**
 - Kern County's *Tamarixia* releases resumes in fall with cooler temperatures
 - San Luis Obispo County's *Tamarixia* releases ongoing
- **Risk Survey**
 - Fresno staff worked with the ACP Detection Canine teams; will continue in September in Kern and Tulare counties

Central District Update - Projects

Office	Citrus Commodity Staff	Risk Survey Staff	ACP Trapping Staff	Treatment
Fresno	0	8	3	1
Visalia	0	3	3	0
Shafter	0	2	3	2
Camarillo	0	2	1-2	2-3



Central District Update - Staffing

County	Total Perm Staff (current)	Pending Hiring (vacancies)	Hiring Status
Fresno County (Fresno)	12	1 PPA III	1 PPA III vacancy, pending advertisement
Kern County (Shafter)	6	2 PPA I 1 PPA II	Applications in screening process; 1 PPA I hired in August
Tulare County (Visalia)	8	1 PPA I 1 PPA II	Applications in screening process
Tulare County (Visalia Regulatory)	1	--	--
Ventura County (Camarillo)	5	1 ES 1 PPA III 2 PPA II 3 PPA I	1 PPA III and 1 PPA I started Sept. 1



Northern District Update
Operations Subcommittee Meeting
September 8, 2021

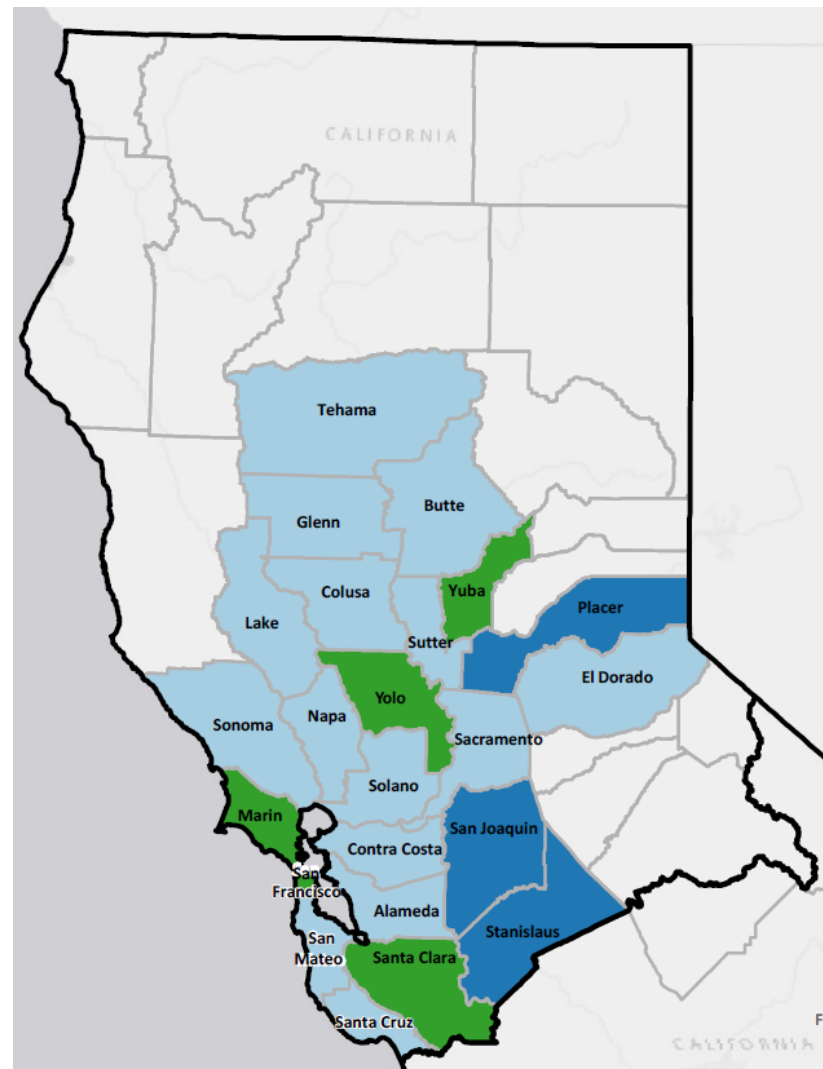
Northern District Update | Trapping and Biocontrol



County	Residential Traps	Commercial Traps
Placer	317	65
San Joaquin	628	N/A
Stanislaus	471	72

County	Delimitation Traps	Square Miles
Contra Costa	147	4
Santa Clara	432	22

Biocontrol	
Number of <i>Tamarixia radiata</i> released	81,900
Data current as of 9/1/2021.	



ACP Trapping

CDFA

County (Winter)

County (Year-round)

CPDPD
Administrative District

Northern District Update | Risk Survey



Counties Surveyed in 2021 Cycle 1	
Alameda	San Francisco
Amador	San Joaquin
Butte	San Mateo
Calaveras	Santa Clara
Contra Costa	Santa Cruz
Marin	Solano
Napa	Sonoma
Placer	Stanislaus
Sacramento	Sutter
	Yuba

2021 Cycle 1 Summary	
Square Miles	118
Plant Samples	1477



Photo credit: Jeremy Morales, CPDPD.

Northern District Update | Staffing



Activity	Number of Staff
Risk Survey	7
ACP Detection and Delimitation	4
Biocontrol	1
Regulatory	5



GL Updates for Ops 9-8-21

Fresno, Madera & Northern Tulare County

There have been no new ACP finds in any of the counties Teri is responsible for. The last ACP finds were in February of this year in Northern Tulare County (one) and 2020 for both Fresno and Madera Counties (one each). Commercial citrus was nearby and treated in the Northern Tulare County find. None of the finds were in commercial citrus.

Southern Tulare County – Jessica Leslie

For the month of August 2021, there have been no new ACP finds in Southern Tulare County.

Jessica has continued to send out her monthly e-mail updates to all interested parties as well as reaching out to current and prospective PMA team leaders. If anyone who is not currently receiving her monthly e-mail updates is interested, please e-mail or call Jessica.

Kern County – Judy Zaninovich

Judy reports as of August 30th, there have been another **5** ACP detections in Kern County in the last month. These detections have been in both residential and commercial properties and have been single adults found in traps. Three of the detections were in residential properties - one in the city of Arvin and the remaining two in rural residences southwest of Arvin and northeast of Lamont. The Lamont detection included commercial citrus within 800 meters – the grower was notified and is in the process of making treatments. CDFA has/will be treating all hosts on the residential properties in the 50-meter treatment area.

The commercial citrus detections were found in the Highway 58/General Beale Road area and the Panama Road/Neumarkel Road area east of Lamont. The total number of detections in Kern County is **9** so far. It's been an earlier start (about a month earlier) to the late summer/fall detections in the county compared with last year.

Because of the high number of detections last fall, along with the success of past coordinated treatments in 2018 and 2019, the San Joaquin Valley ACP/HLB Task Force is recommending growers with citrus blocks east and south of Bakersfield participate in a coordinated treatment by making a soil-applied imidacloprid or a foliar Actara application in the mid-August through mid-September period. Organic growers are asked to treat twice during this period with ACP-effective organic materials. Along with email blasts, Judy and the Psyllid Management Area Team Leaders have been directly contacting growers in the treatment area to make sure they are informed of the coordinated treatment. Please contact Judy with any questions or concerns.

San Luis Obispo County- Cressida Silvers

There have been no new ACP detections since July 19.

Santa Barbara County - Cressida Silvers

The fall areawide treatment window started this week. Cressida has notified growers and will work with the CAC office to collect PURs. Reminders will be sent out as needed. Cressida presented at last month's meeting of the Central Coast chapter of CAPCA.

Ventura County – Sandra Zwaal & Cressida Silvers

The Ventura County ACP/HLB Task Force hosted the annual citrus growers meeting to kick-off the next ACP area-wide treatments. The meeting included updates on the area-wide participation rates, the current University of California DVAC project, research results from Dr. Sara Figueroa regarding barriers and strategies the citrus industry can utilize, and updates from both the ACP and HLB canine organizations.

The first Fall ACP area wide treatment window began mid-August and continues until mid-September. Grower liaisons have distributed treatment reminders and will follow-up for orchards not treated. They also continue to make updates to the grower contact list and citrus layer with updates taking longer than usual due to the high number of property sales, including commercial citrus properties.

San Bernardino County – Sandra Zwaal

The summer ACP area-wide treatments ended mid-August. Treatment percentages will be calculated and distributed late September. No new HLB detections have occurred since July 2021. At the request of the ACP Task Force, Sandra Zwaal will also provide ACP/HLB updates during the monthly San Bernardino Farm Bureau meetings with the meetings open to all citrus growers and citrus affiliates. San Bernardino county grove and grower data continues to be updated by Sandra.

The San Bernardino County Ag Commissioner retired. Until the new interim Ag Commissioner is announced, Sandra will work with Sandy Cleland, Deputy Ag Commissioner.

Riverside County

ACP area-wide treatments are currently ongoing and will continue for the next few weeks. We expect near 100% compliance for the Coachella and Hemet areas. I will actively encourage all growers to participate in continued coordinated treatments within Pest Districts as well as attempting to coordinate a majority of growers outside of aforementioned Districts to coordinate ACP treatments as appropriate.

There are no Sweet Orange Scab Incident Team updates for August.

Lastly the District will continue our intensive tree removal program of citrus trees that are in close proximity to commercial groves and are difficult and costly to treat. There have not been any new HLB positive trees detected this month. To date the District has removed 3,589 citrus trees at 49 different locations.

San Diego Co. Update – Sandra Zwaal

A San Diego County commercial citrus grower meeting was held as a result of the new HLB quarantine in the Oceanside area. Approximately 25 in-person and 56 Zoom attended the meeting and heard from state, county, University of California, the PCD manager, and the San Diego ACP/HLB grower liaison. The meeting covered both regulatory topics related to having a new HLB quarantine and the upcoming Fall ACP area-wide treatments that began August 30th. Separate nursery and gleaner meetings were also hosted by the San Diego County Ag Commissioner and the San Diego Ag, Weights, and Measures team.

Sandra is scheduled to present and monitor a booth at the upcoming San Diego Farm Bureau Farm and Nursery Expo in November and a train the trainer UC Master Gardener event. She continues to update grove information and contacts.

Imperial County - Curtis Pate

No new trap hits in Imperial County.

The ICCPCD set the fall AWT dates of September 6th through October 2nd. This will primarily be systematic material applied to soil through micro-sprinklers. Organic and others unable to make soil systemic treatments are required to make 2 treatments.

Lemon harvest has begun.

Statewide GL Coordinator Update for the 9/8/21 Ops Subcommittee Meeting

Staffing

All the GL positions have been filled or renewed for the next two fiscal years. This is my last update, I am gone as of 8/31/21. Sara Khalid will act as the interim Statewide Coordinator until some decisions are made, which is believed to be in 4-6 months. It has been great working with you all, thanks.

Fresno and Madera Northern Tulare Counties – Teri Blaser

Teri reports there have been no new ACP finds in any of her counties. The last ACP finds were in February of this year in Northern Tulare County (one) and in 2020 for both Fresno and Madera Counties (one each). Commercial citrus was nearby and treated in the Northern Tulare County find. None of the finds were in commercial citrus.

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Judy reports as of August 30th, there have been another **5** ACP detections in Kern County in the last month. These detections have been in both residential and commercial properties and have been single adults found in each trap. Three of the detections were in residential properties - one in the city of Arvin and the remaining two in rural residences southwest of Arvin and northeast of Lamont. The Lamont detection included commercial citrus within 800 meters – the grower was notified and is in the process of making treatments. CDFA has/will be treating all hosts on the residential properties in the 50-meter treatment area.

The commercial citrus detections were found in the Highway 58/General Beale Road area and the Panama Road/Neumarkel Road area east of Lamont. The total number of detections in Kern County is **9** so far in 2021. It's been an earlier start (about a month earlier) to the late summer/fall detections in the county compared with last year.

Because of the high number of detections last fall, along with the success of past coordinated treatments in 2018 and 2019, the San Joaquin Valley ACP/HLB Task Force is recommending growers with citrus blocks east and south of Bakersfield participate in a coordinated treatment by

making a soil-applied imidacloprid or a foliar Actara application in the mid-August through mid-September period. Organic growers are asked to treat twice during this period with ACP-effective organic materials. Along with email blasts, Judy and the Psyllid Management Area Team Leaders have been directly contacting growers in the treatment area to make sure they are informed of the coordinated treatment. Please contact Judy with any questions or concerns.

San Luis Obispo County - Cressida Silver

There have been no new ACP detections since July 19.

Santa Barbara County - Cressida Silver

The fall areawide treatment window started this week. Cressida has notified growers and will work with the CAC office to collect PURs. Reminders will be sent out as needed. Cressida presented at last month's meeting of the Central Coast chapter of CAPCA.

Ventura County - Sandra Zwaal and Cressida Silver

The Ventura County ACP/HLB Task Force hosted the annual citrus growers meeting to kick-off the next ACP area-wide treatments. The meeting included updates on the area-wide participation rates, the current University of California DVAC project, research results from Dr. Sara Garcia Figuera regarding barriers and strategies the citrus industry can utilize, and updates from both the ACP and HLB canine organizations.

The first fall ACP area wide treatment window began mid-August and continues until mid-September. The Grower liaisons have distributed treatment reminders and will follow-up for orchards not treated. They also continue to make updates to the grower contact list and citrus layer with updates taking longer than usual due to the high number of property sales, including commercial citrus properties.

San Bernardino County – Sandra Zwaal

The summer ACP area-wide treatments ended mid-August. Treatment percentages will be calculated and distributed late September. No new HLB detections have occurred since July 2021. At the request of the ACP Task Force, Sandra Zwaal will also provide ACP/HLB updates during the monthly San Bernardino Farm Bureau meetings with the meetings open to all citrus growers and citrus affiliates. San Bernardino county grove and grower data continues to be updated by Sandra.

The San Bernardino County Ag Commissioner retired. Until the new interim Ag Commissioner is announced, Sandra will work with Sandy Cleland, Deputy Ag Commissioner.

Riverside County – Tom Mullen

Tom reports that ACP area-wide treatments are currently ongoing and will continue for the next few weeks. We expect near 100% compliance for the Coachella and Hemet areas. He will actively encourage all growers to participate in continued coordinated treatments within Pest Districts as well as attempting to coordinate a majority of growers outside of aforementioned Districts to coordinate ACP treatments as appropriate.

There are no Sweet Orange Scab Incident Team updates for August.

Lastly the District will continue our intensive tree removal program of citrus trees that are in close proximity to commercial groves and are difficult and costly to treat. There have been no new HLB positive trees detected this month. To date the District has removed 3,589 citrus trees at 49 different locations.

Imperial County – Curtis Pate

Curtis reports no new trap finds in Imperial County.

The ICCPCD set the fall AWT dates of September 6th through October 2nd. This will primarily be systematic material applied to soil through micro-sprinklers. Organic and others unable to make soil systemic treatments are required to make 2 treatments.

Lemon harvest has begun.

San Diego County – Sandra Zwaal

A San Diego County commercial citrus grower meeting was held in response to the new HLB quarantine in the Oceanside area. Approximately 25 in-person and 56 Zoom people attended the meeting and heard from CDFA CPDPD, County Agricultural Commissioner, University of California, the PCD manager, and the San Diego ACP/HLB grower liaison. The meeting covered both regulatory topics related to having a new HLB quarantine and the upcoming fall ACP area-wide treatments that began August 30th. Separate nursery and gleaner meetings were also hosted by the San Diego County Ag Commissioner and the San Diego Ag, Weights, and Measures team.

Sandra is scheduled to present and monitor a booth at the upcoming San Diego Farm Bureau Farm and Nursery Expo in November and a train the trainer UC Master Gardener event. She continues to update grove information and contacts.

Neglected/Abandoned Groves

No changes reported by the CACs. The GLs continue to work with the growers and CAC staff to address any suspected abandoned groves.

County	BOS Sup (Y/N)	Co Coun Sup (Y/N)	#Groves Report'd	#Groves Confrmd N/A	Total Acs (100 trees/ac) Confrmd	#owners contactd	#1st Letrs	#2nd Letrs	#3rd Letrs	#Heard	Hears won	#Hears lost	Groves Remvd	Total Acres Remvd	#Groves Rem'd	Acres Rem'd	#Groves Pndg	Total Acres Pndg			
Fresno																					
Kern	Y	Y	3	1	60.36	1											1	60.36			
Madera																					
SLO	Y	Y																			
Tulare	Y	Y	88	88	1148	88	44				1	1	0	66	908	9	79	13	161		
Subtotal			91	89	1208.36	89	44				1	1	0	66	908	9	79	14	221.36		
Imperial	Y	Y	1	1	6	1								1	6						
LA																					
OC																					
Coachella			48	48	34.12	48							48	34.12						Coachella is a PCD in Riverside	
Riverside	Y	Y	92		264.81	43	43	43	11				22					35			
San Brdo																					
SD	Y	Y	108	61	1693	61	39	28	24				37	774		71	919				
Sta Barb																					
Ventura	Y	Y																			
Subtotal			108	110	1997.93	153	82	71	35		0	0	0	108	814.1	0	71	954	0		
Total			340	199	3206.29	242	126	71	35		1	1	0	174	1722	9	150	968	221.36		



ACP CANINE DETECTION UPDATE

CPDPC OPERATIONS SUB-COMMITTEE MEETING

September 8, 2021

WHERE MAN'S BEST FRIEND FINDS IT!

PEST CONTROL – AGRICULTURE – FOOD SAFETY

Overview

- CDFA in Central Valley
 - Fresno County – 135 Inspections
 - Kern – 7 Inspections
 - No ACP found
- Imperial County Agriculture Department- Residential
 - Border Survey – 40 Inspections
 - No ACP found
- CDFA in San Diego- Residential
 - Border Survey- 31 Inspections
 - ACP found at 4 sites

HANDLER'S SCHEDULE- JULY 2021

Monday	Tuesday	Wednesday	Thursday	Friday
			1	2
			Training	
5	6	7	8	9
	Training		San Marcos- SB County with CDFA staff during risk survey 10 residential	SD County-invitations from SD PCD & GL emails 2 residential 1 commercial
12	13	14	15	16
Goleta, SB County with CDFA in buffer zone 12 residential	Goleta, SB County with CDFA in buffer zone 22 residential		Goleta, SB County invitations from email 3 growers, 4 ranches	
19	20	21	22	23
		Goleta, SB County same 3 growers, 4 ranches		
26	27	28	29	30
	Nipomo, SLO County 2 growers, 2 ranches		Goleta, SB County working/training in commercial w/ live TA	Nipomo, SLO County 1 grower, 1 ranch

KEY:

Working with
live ACP
training aid
or naturally
occurring
ACP
populations

Working with
ACP pseudo
scent

July 2021						
ACP DETECTOR CANINE SERVICES PROVIDED						
Client	County	Area	Residential/ Commercial	Growers	Residents	Inspections
Grower	San Luis Obispo	Nipomo	Commercial	3		64
Grower	Santa Barbara	Goletta	Commercial	5		164
Grower	San Diego		Commercial	1		6
Resident Direct	San Diego		Residential		2	2
CDFA	Santa Barbara	Goleta	Residential		31	31
CDFA	San Diego	San Marcos	Residential		11	11
Total				9	44	278
ACP DETECTOR CANINE ALERT STATISTICS OVERALL						
Total Alerts	Productive Alerts	% of Alerts ACP Visually Confirmed		Counties Live ACP Located		
118	84	71%		San Diego, Santa Barbara		

HANDLER'S SCHEDULE- AUGUST 2021

Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	5	6
Team 1- Travel to Kern Team 2 & 3- Vehicles down for Maintenance	All Teams- Kern Commercial Grove, Organized by independent PCA	All Teams- Kern Commercial Grove, Organized by independent PCA	All Teams- Kern Commercial Grove, Organized by an independent PCA	Team 1- Return travel to El Centro Team 2 & 3 – Veterinary care in Fresno County
9	10	11	12	13
TEAM 1- Imperial County Ag Dept, Border Survey TEAM 2 & 3- Goleta, SB County working/ training in commercial w/ live TA	TEAM 1- Imperial County Ag Dept, Border Survey TEAM 2 & 3- Goleta, SB County working/ training in commercial w/ live TA	TEAM 1- San Diego Border Survey, CDFA TEAM 2 & 3- Kern County, Commercial Groves	TEAM 1- San Diego Border Survey, CDFA TEAM 2 & 3- Kern County, Commercial Groves	TEAM 1- Not Scheduled TEAM 2 & 3- Kern County, Commercial Groves
16	17	18	19	20
TEAM 1- Imperial Co. PCD TEAM 2 & 3- CDFA Fresno	TEAM 1- Imperial Co. PCD TEAM 2 & 3- CDFA Fresno	TEAM 1- Imperial County Ag Dept, Border Survey TEAM 2- CDFA Fresno TEAM 3- Vet- Sick dog	TEAM 1- Imperial Co. PCD TEAM 2 & 3- CDFA Fresno	TEAM 1- Imperial Co. PCD TEAM 2- CDFA Kern TEAM 3- Off
23	24	25	26	27
TEAM 1- Ventura TEAM 2 & 3- CDFA Fresno	TEAM 1- Ventura TEAM 2 & 3- Commercial Ventura	TEAM 1- Ventura TEAM 2 & 3- Commercial Ventura	TEAM 1, 2, 3- Tree Source Citrus Nursery	TEAM 1- Hemet Building Screenhouse TEAM 2- CDFA Fresno Team 3- Commercial Reedley
30	31			
TEAM 1 Hemet- Building Screenhouse TEAM 2 & 3- CDFA Fresno	TEAM 1 Hemet-Building Screenhouse TEAM 2 & 3- CDFA Fresno			

KEY:

Working with live ACP training aid or naturally occurring ACP populations

Working with ACP pseudo scent training aid

August 2021						
ACP DETECTOR CANINE SERVICES PROVIDED						
Client	County	Area	Residential/ Commercial	Growers	Residents	Inspections
CDFA	Fresno	Fresno	Residential		135	135
CDFA	Kern	Arvin	Residential		1	1
CDFA	Kern	Lamont	Residential		6	6
CDFA	San Diego	San Ysidro	Residential		31	31
County Ag Dept.	Imperial	Calexico	Residential		40	40
Pest Control District	Imperial	Westmorland	Commercial	3		29
Grower	Kern	Bakersfield	Commercial	2		120
Grower	Santa Barbara	Goletta	Commercial	1		14
Grower	Fresno	Reedley	Commercial	1		10
Total				7	213	386
ACP DETECTOR CANINE ALERT STATISTICS OVERALL						
Total Alerts	Productive Alerts	% of Alerts ACP Visually Confirmed		Counties Live ACP Located		
51	44	86%		San Diego, Santa Barbara, Ventura		

Data Department Update

Rick Dunn

CRB Director of Data and Information Management

9/8/2021

Data Management Department Activity,

September 9, 2021

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>

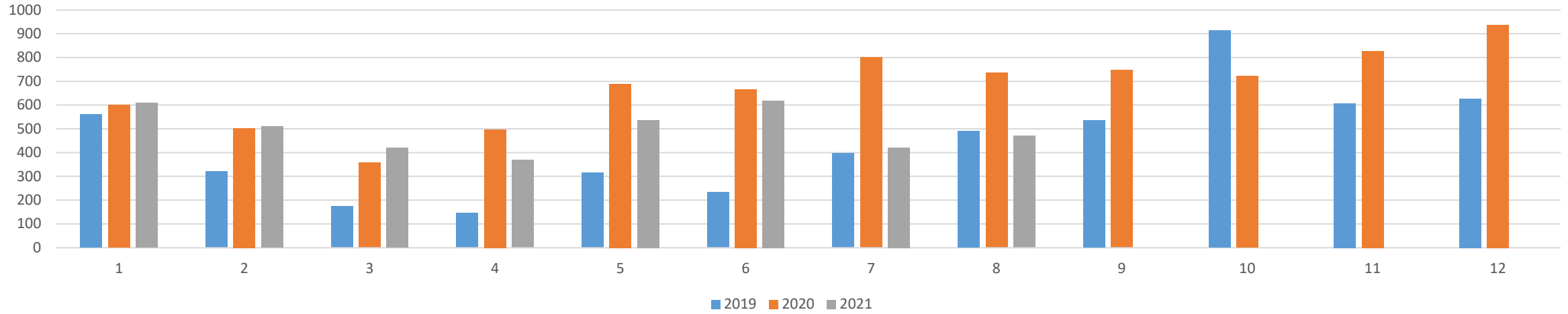
CRB Data Department

- 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. Tulare county is completed. Configuration of Enterprise GIS is in progress.
- GIS Analyst Nancy Ying is conducting routine data scrubbing, quality control, and map production tasks.
- DATOC Coordinator Holly Deniston-Sheets is updating content on both the public and restricted DATOC websites as well as facilitating the expert panel as they address requests for analysis.
- 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 2021 update

Suspect ACP Collection Events



Suspect ACP Collected for Testing

