

A photograph of an orange orchard with many ripe oranges hanging from green leaves. A path is visible in the background. The text is overlaid on the center of the image.

HLB Detection, Delimitation and Tree Removal

Operations Subcommittee

August 27, 2026

The background of the slide features a close-up photograph of several ripe oranges hanging from a tree branch, surrounded by green leaves. The entire image is covered with a semi-transparent orange overlay, creating a warm, monochromatic aesthetic.

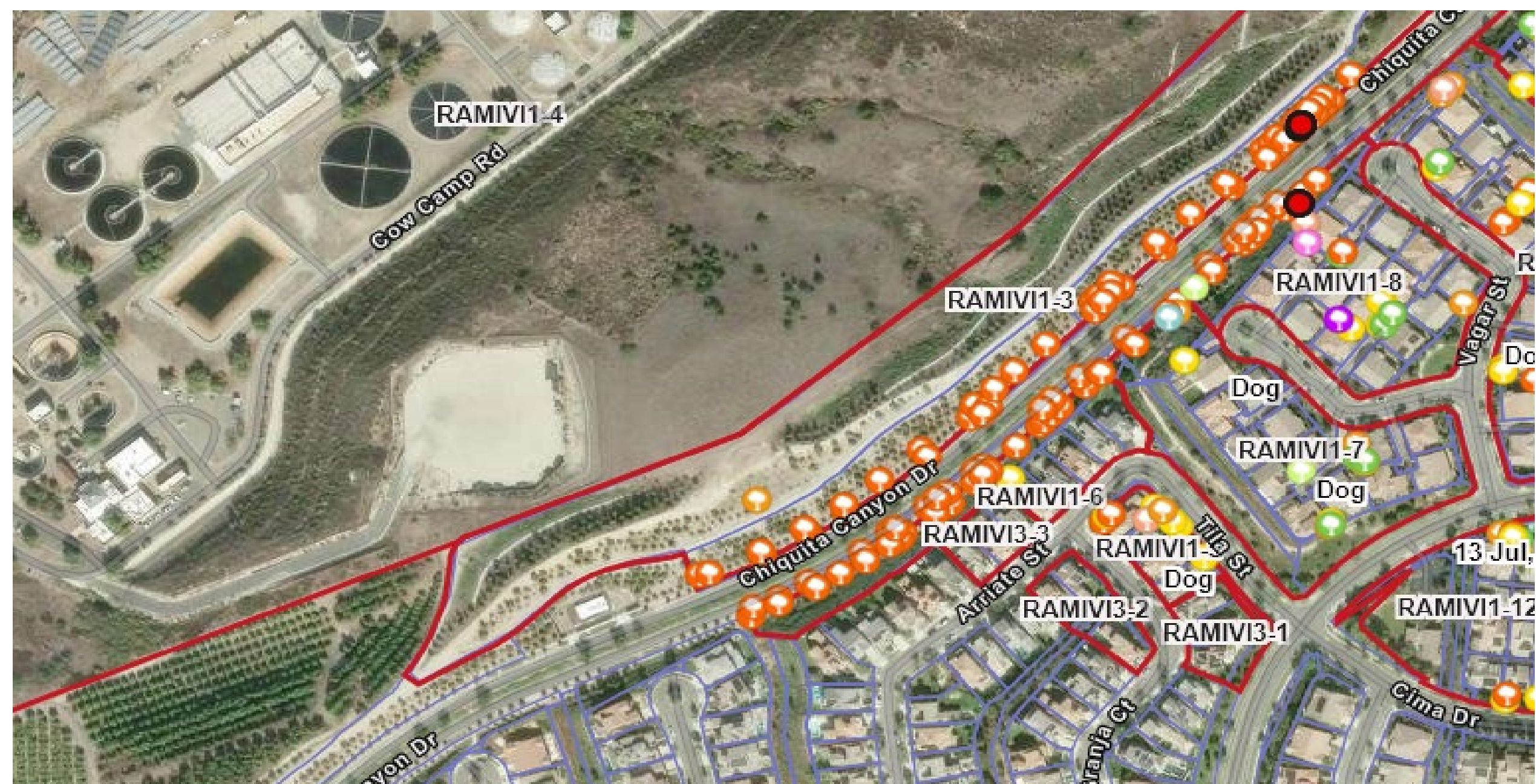
Southern District

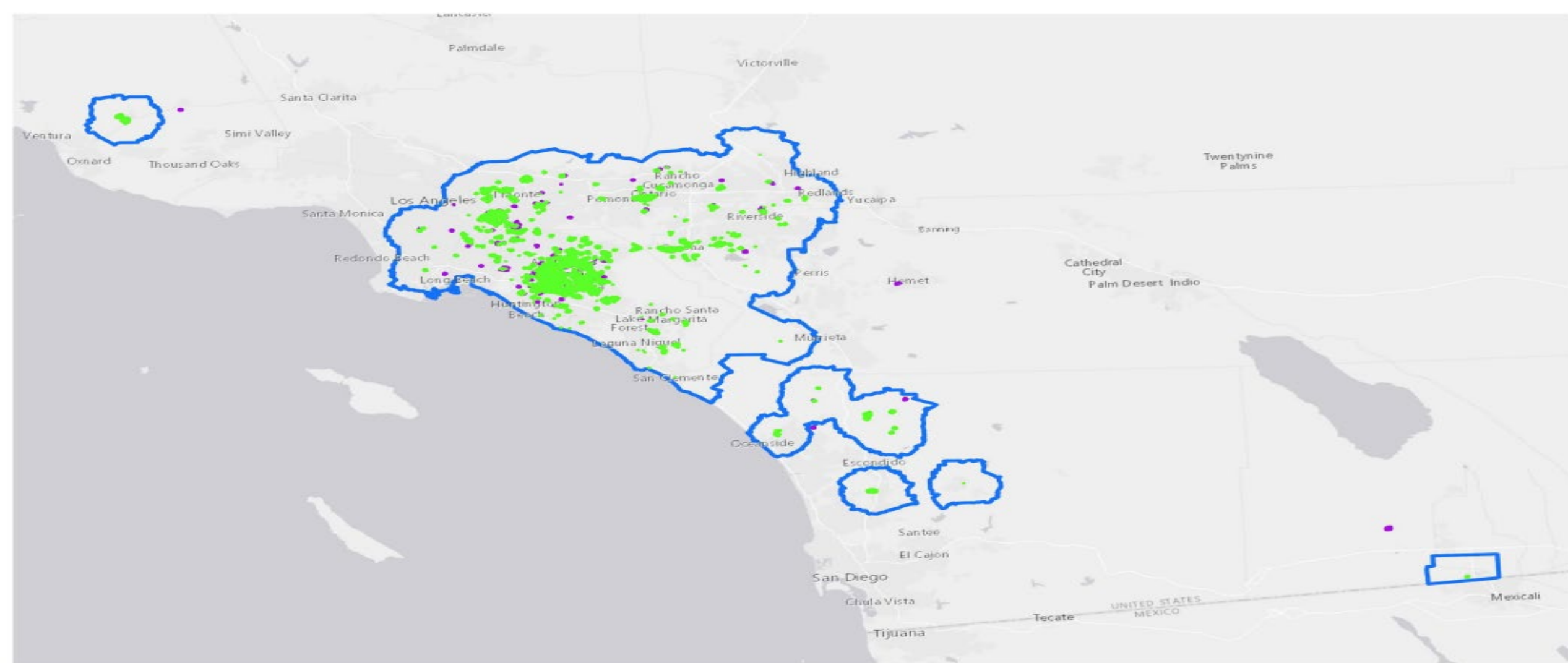
Southern District HLB Detection Updates

- First HLB detection in Imperial County
 - One positive plant sample collected from a Mexican lime tree in a residential area of Calexico.
 - Detection occurred during a routine Multi Pest Survey.
 - Only one host tree present at the find site.
 - Intensive follow up sampling conducted on July 29.
 - USDA confirmed the sample positive for HLB on August 6.
 - The detection site is less than one mile from the US-Mexico border.
- No commercial citrus within the 250m delimitation area.
 - Nearest commercial citrus production is 20 miles away in Brawley.
 - Detection triggers a mandatory 5-mile radius HLB quarantine area.
- Delimitation survey efforts are currently underway.
 - Infected tree was treated and removed on August 11.
 - Treatment activities for the area will begin after the public meeting on August 31.

Southern District HLB Detection Updates

- Multiple HLB positive trees detected in Mission Viejo along a major housing corridor.
 - Management company notified to conduct treatments and remove infected trees.
- New HLB positive detections in Fallbrook and Valley Center, triggering a significant expansion of the Fallbrook quarantine zone.
- Infected trees detected in Riverside and San Bernardino.
 - 250-meter delimitation area due to proximity to commercial groves.
- Multiple rounds of abatement warrants executed in Orange and Los Angeles counties to survey, treat, and remove HLB positive trees.





HLB Quarantine and
Treatment Area

8/14/2026

-  HLB Quarantine Area
-  HLB Treatment Area
-  Mandatory
-  Non-mandatory

0 5 10
Miles


CITRUS PEST & DISEASE
PREVENTION DIVISION


cdfa
CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE

Southern District HLB Delimitation Survey

Areas	Total Properties	Surveyed Properties	No Host Properties	Refusal/Pending
Fallbrook	7	7	0	0
Valley Center	5	4	1	0
Ladera Ranch	6	5	0	1
Riverside	308	227	72	7/2
Loma Linda	94	74	20	0
San Bernardino	25	3	22	0
Rancho Mission Viejo	199	121	77	1

Southern District

HLB Positive Trees (June – mid Aug)

County	Detected	Removed	Cumulative Pending
Los Angeles	5	6	0
Orange	62	25	40
San Bernardino	2	1	4
Riverside	13	17	28
San Diego	2	2	0
Imperial	1	1	0
Total	85	52	72



California Department of Food & Agriculture Plant Pest Diagnostics Center HLB Testing Program 2026

Total number of plant and ACP samples per month – 2026 Fig. 1a, 2025 Fig1b

Number of samples tested for HLB per year from 2008 –2026 – Fig. 2

Tally of positive detections by county and city – Tables 1a-1d

CLas Detections per year– Table 2

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

Fig 1a. 2026 -
Total number
of plant and
ACP samples
submitted
per month.

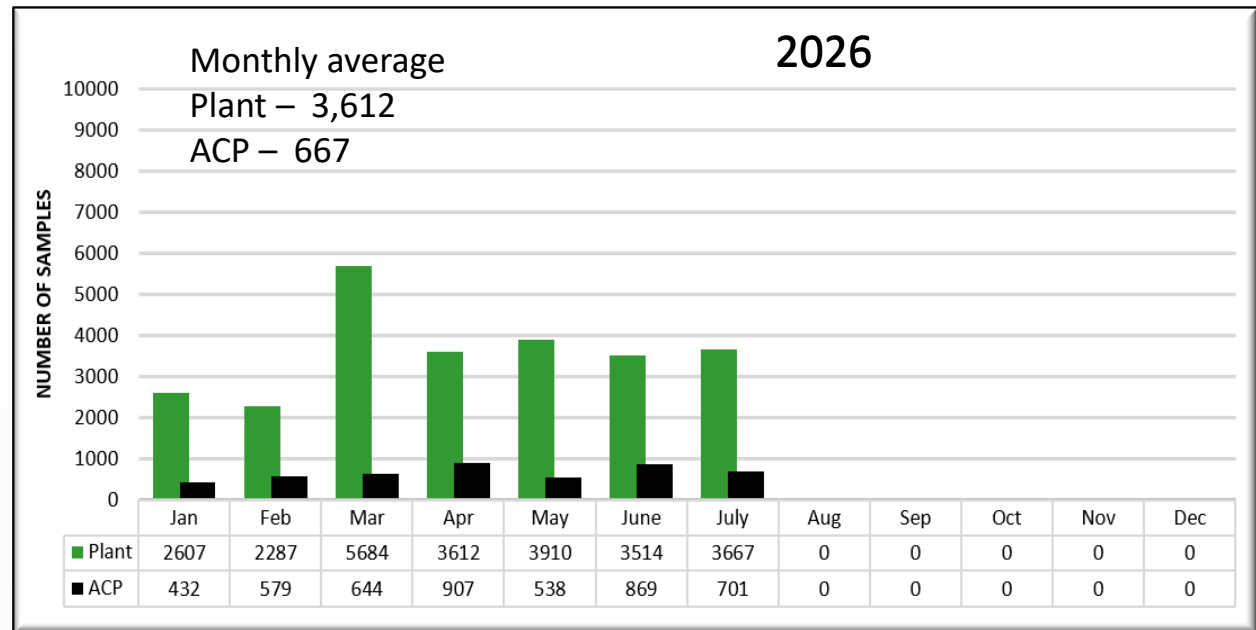


Fig 1b. 2025 -
Total number
of plant and
ACP samples
submitted per
month.

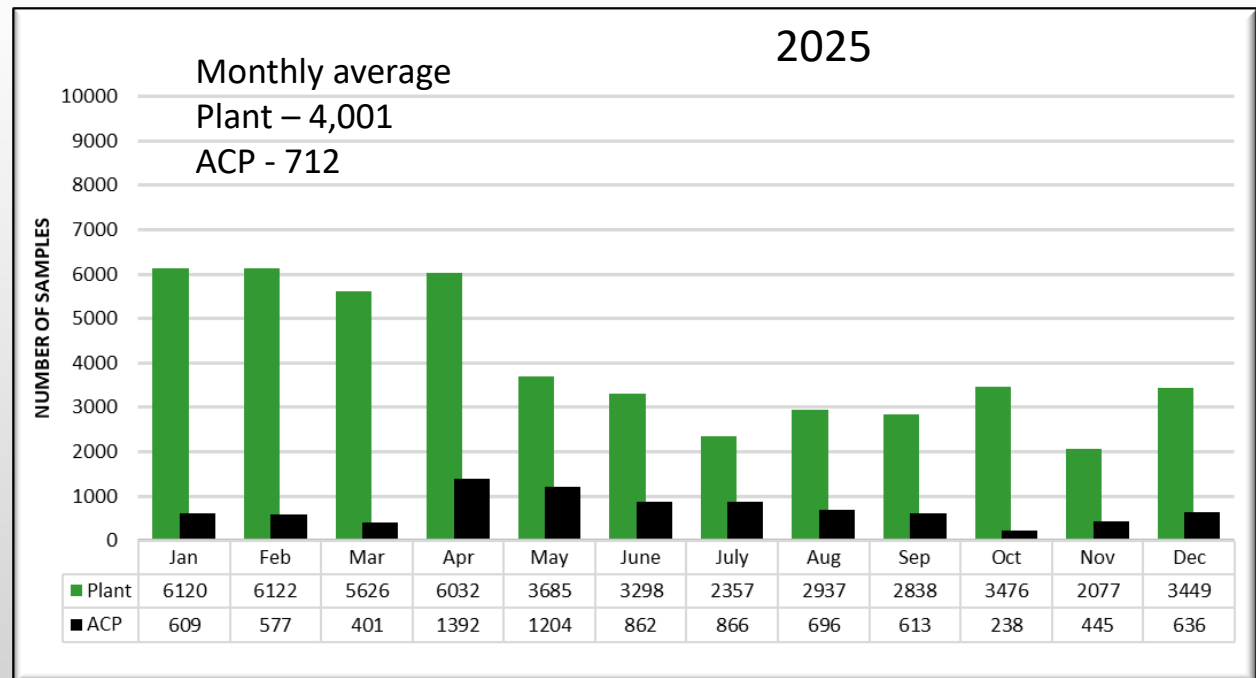
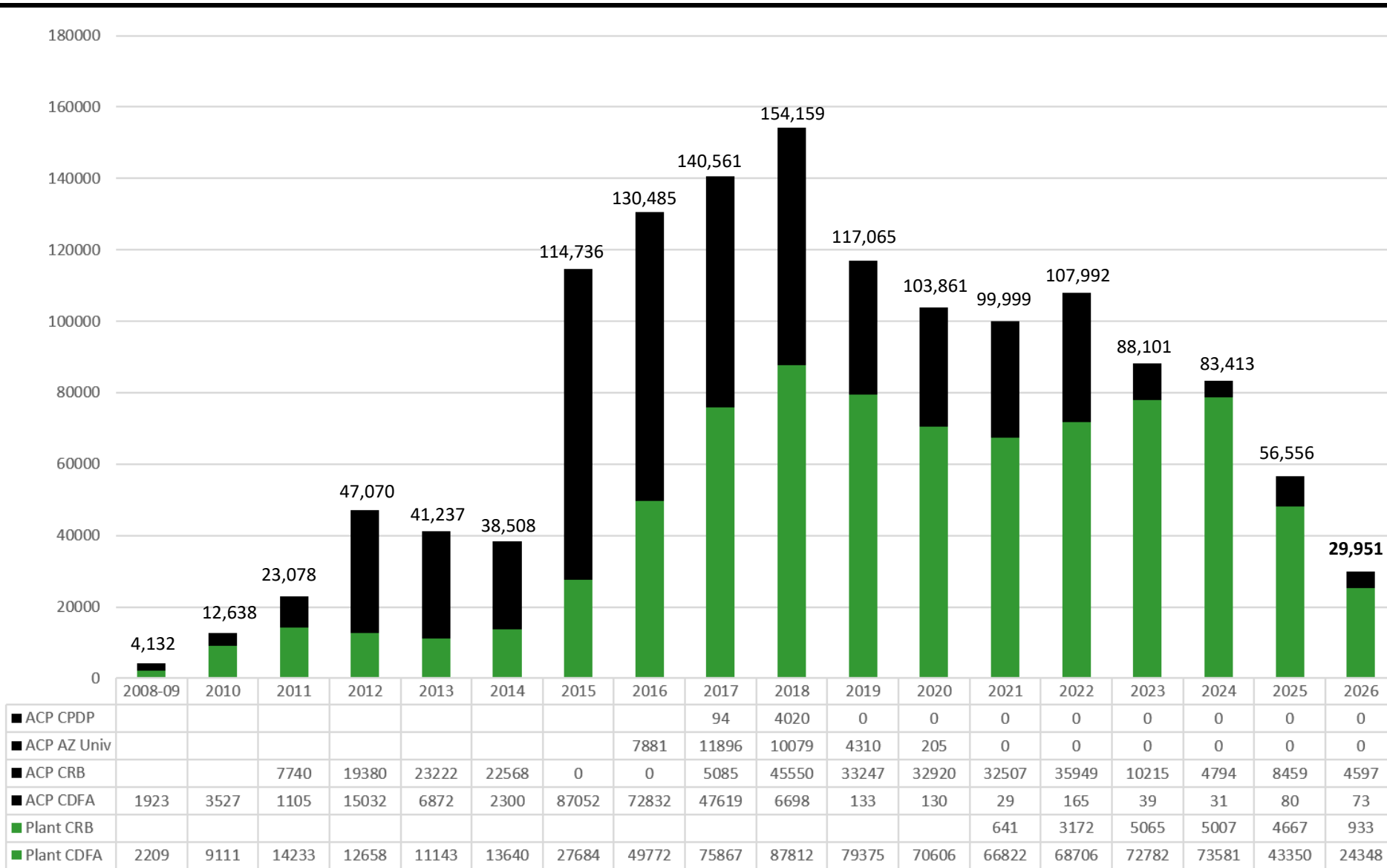


Fig 2. Number of samples tested for HLB per year from 2008 – 2026.



Combined total of plant and ACP samples tested from 2008 – 2026 is 1,393,542

Tables 1a-1d. Tally of positive sites, positive trees, and CLas+ ACP samples by city and county as of 8/7/2026.

2012-2026	# Sites	# Trees	# ACP samples
Grand Total	6707	10738	965

Orange			
City	# Sites	# Trees	# ACP samples
Garden Grove	769	1372	127
Santa Ana	785	1330	101
Anaheim	1088	1931	178
Westminster	372	638	23
Orange	366	562	48
Tustin	58	80	10
Fountain Valley	15	22	3
Huntington Beach	28	32	2
Placentia	93	128	15
La Habra	13	20	1
Fullerton	21	25	10
Yorba Linda	83	214	17
Irvine	172	223	5
Costa Mesa	113	159	4
Brea	35	57	1
Buena Park	10	17	2
Cypress	6	2	5
Stanton	5	6	1
Midway City	12	26	0
Los Alamitos	1	0	1
Villa Park	3	7	0
Newport Beach	4	4	0
Mission Viejo	57	98	7
Lake Forest	3	2	2
Coto De Caza	5	6	1
Rancho Santa Margarita	1	4	0
San Clemente	1	1	0
Capistrano Beach	1	1	0
San Juan Capistrano	5	16	2
Laguna Niguel	4	4	0
Total	4129	6987	566

Los Angeles			
City	# Sites	# Trees	# ACP samples
Whittier	238	290	52
Pico Rivera	371	568	77
Montebello	82	113	2
San Gabriel	93	125	9
Rosemead	50	69	7
Paramount	28	35	5
La Mirada	53	72	6
La Puente	58	70	9
Norwalk	16	13	5
Cerritos	7	9	5
Hacienda Heights	5	5	1
Lakewood	5	6	0
Duarte	177	271	6
El Monte	73	106	8
South El Monte	22	43	4
Alhambra	6	7	0
Temple City	12	11	2
Compton	1	1	0
Glendora	1	0	1
South Gate	10	10	6
Long Beach	13	23	3
Los Angeles	8	6	2
Downey	29	38	5
Carson	4	3	1
Monrovia	45	65	1
Rowland Heights	2	0	2
Pomona	27	35	2
Artesia	7	8	0
Bellflower	6	7	0
Monterey Park	1	1	0
West Covina	2	1	1
City of Industry	1	2	0
Claremont	1	0	1
Santa Fe Springs	2	1	1
Azusa	8	16	2
Covina	2	1	1
Commerce	4	5	0
San Dimas	1	1	0
Irwindale	1	1	1
Total	1472	2038	228

Riverside			
City	# Sites	# Trees	# ACP samples
Corona	286	438	41
Riverside	142	219	32
Eastvale	2	2	0
Jurupa Valley	40	68	4
Moreno Valley	1	1	0
Norco	6	11	0
Hemet	1	0	1
Perris	2	2	0
Murrieta	1	1	2
Total	481	742	80
San Bernardino			
Rancho Cucamonga	13	28	5
Montclair	23	23	9
Colton	6	11	3
San Bernardino	4	2	2
Ontario	335	518	23
Fontana	30	49	9
Chino	23	33	4
Loma Linda	5	4	1
Grand Terrace	1	2	1
Total	440	670	57
San Diego			
Fallbrook	3	2	1
Oceanside	4	9	4
Pauma Valley	1	0	1
Vista	1	0	1
San Diego	47	75	0
Valley Center	11	25	2
Ramona	1	2	1
Total	68	113	10
Ventura			
Santa Paula	113	187	21
Fillmore	1	0	1
Total	114	187	22
Imperial			
Imperial	1	0	1
Calexico	1	1	0
Total	2	1	1
Santa Barbara			
Santa Barbara	1	0	1
Total	1	0	1

Table 2. CLas detections per year as of 8/7/2026

Positive C Las Detections			
Year	# Sites	# Trees	# ACP samples
2012	1	1	1
2013	0	0	0
2014	0	0	0
2015	10	10	4
2016	13	20	2
2017	295	363	144
2018	422	652	55
2019	532	722	75
2020	362	475	44
2021	385	654	63
2022	884	1391	180
2023	1817	2958	215
2024	1226	2236	99
2025	578	900	46
2026	182	356	37
Total	6707	10738	965



CPDPC Operations Subcommittee Multi-Pest Survey Update

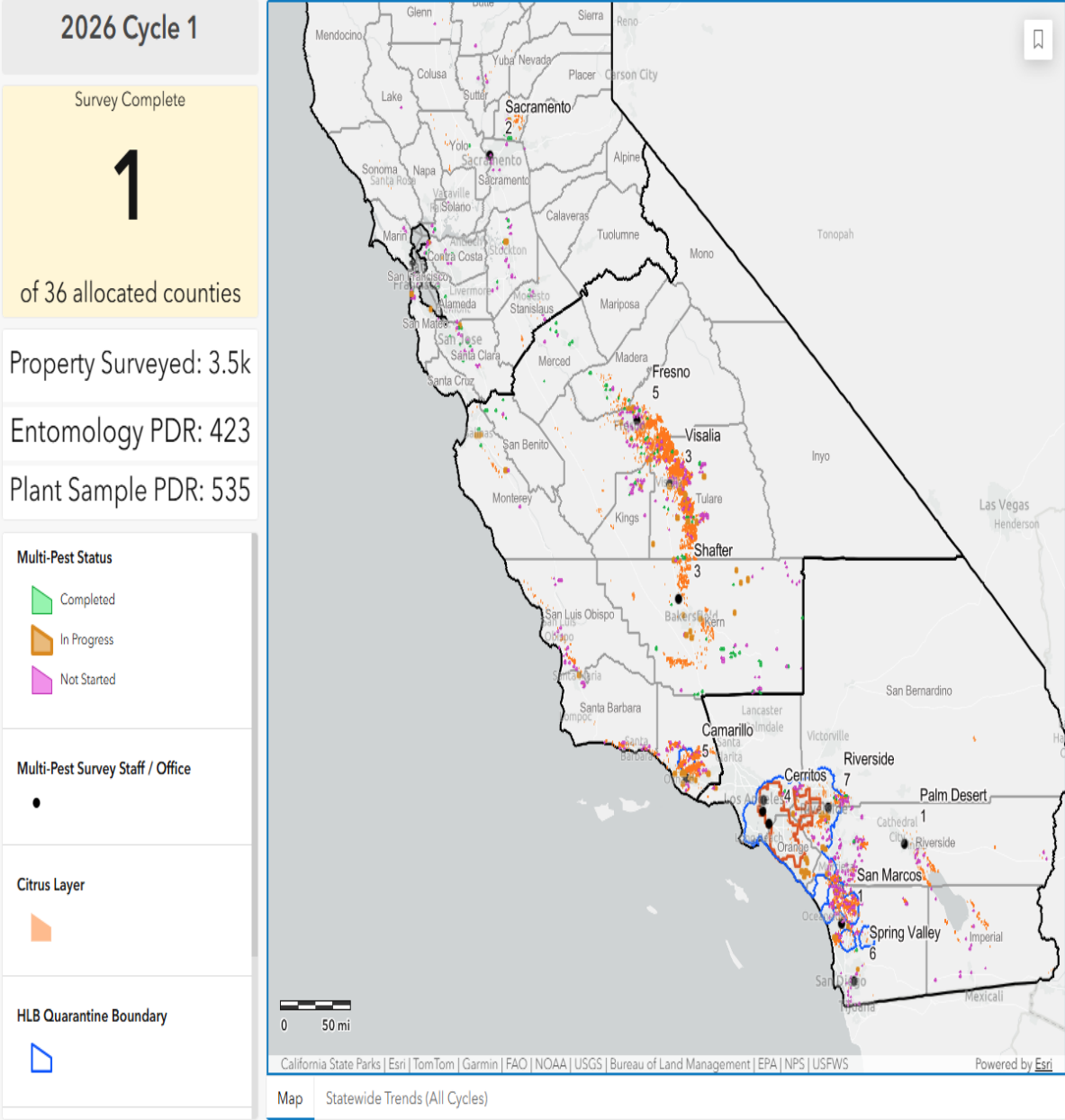
August 27, 2026

Ravneet Behla, Program Supervisor
Northern District, CPDPD

Overview

- 2025 Cycle 2
 - 100 % Complete
 - Northern (124)
 - Central (364)
 - Southern (223)
- 2026 Cycle 1
 - In progress
 - Total: 716
 - 17% complete

(As of August 12, 2026)



Multi-Pest Survey Status

17%

Complete

Multi-Pest Survey Staff / Office

Office: **Riverside**
Number of Staff: 7

Office: **Spring Valley**
Number of Staff: 6

Office: **Camarillo**
Number of Staff: 5

Office: **Fresno**
Number of Staff: 5

Office: **Cerritos**
Number of Staff: 4

Office: **Shafter**
Number of Staff: 3

Office: **Visalia**
Number of Staff: 3

Office: **Commerce**
Number of Staff: 2

Cycle 1, 2026 Grid Summary

Alameda County

Allocated: 10	Sites Surveyed: 120
Completed: 3	Plant PDRs: 3
Completed %: 30	ACP PDRs: 0

Butte County

Allocated: 2	Sites Surveyed: 0
Completed: 0	Plant PDRs: 0
Completed %: 0	ACP PDRs: 0

Contra Costa County

Allocated: 18	Sites Surveyed: 60
Completed: 5	Plant PDRs: 4
Completed %: 28	ACP PDRs: 0

El Dorado County

Allocated: 1	Sites Surveyed: 0
Completed: 0	Plant PDRs: 0
Completed %: 0	ACP PDRs: 0

Fresno County

Allocated: 55	Sites Surveyed: 121
Completed: 11	Plant PDRs: 1
Completed %: 20	ACP PDRs: 0

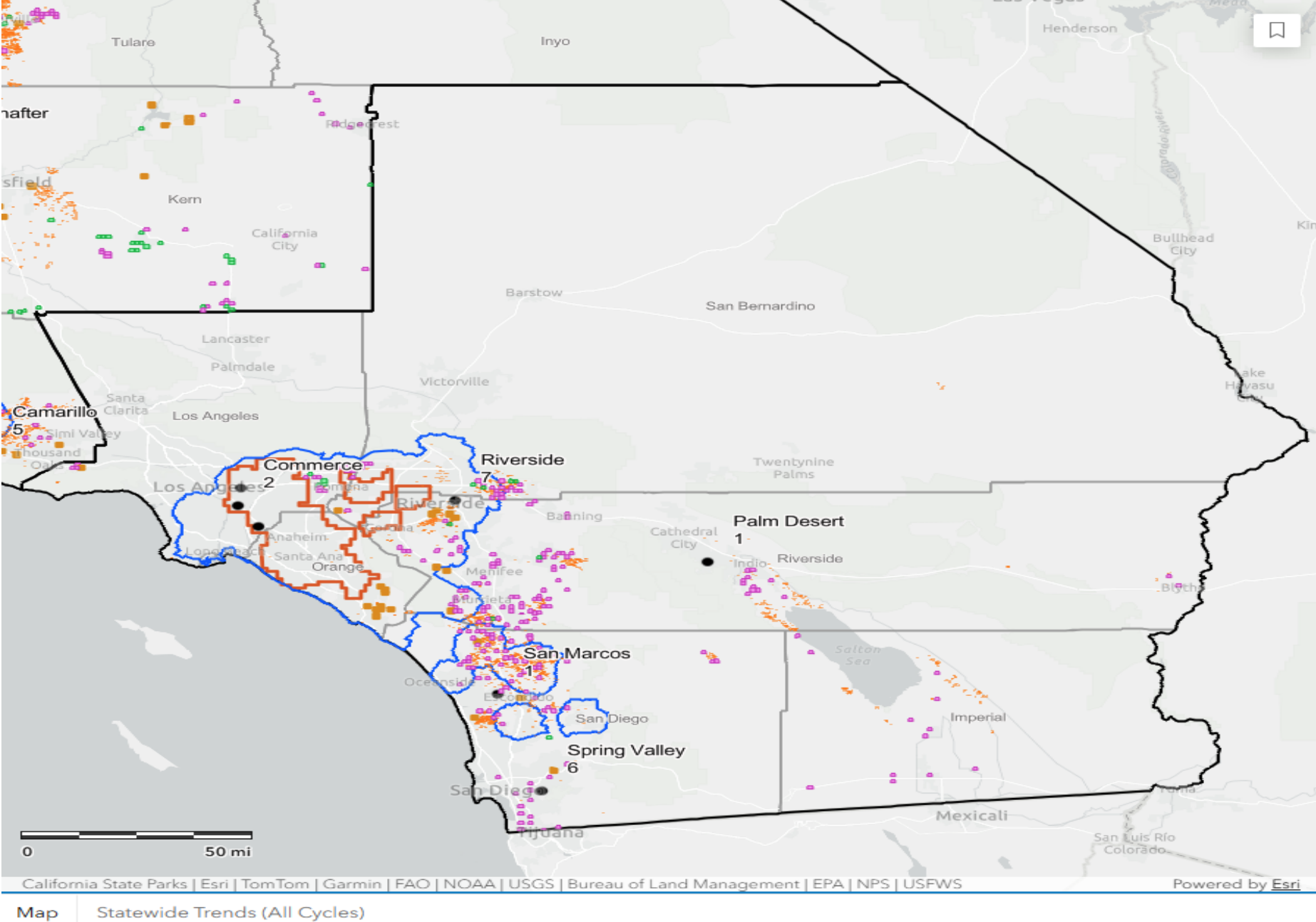
Glenn County

Allocated: 1	Sites Surveyed: 0
Completed: 0	Plant PDRs: 0
Completed %: 0	ACP PDRs: 0

Southern District

Assigned Grids: 247
Completed: 12
In Progress: 22
Not started: 213

(As of August 12, 2026)



Central District

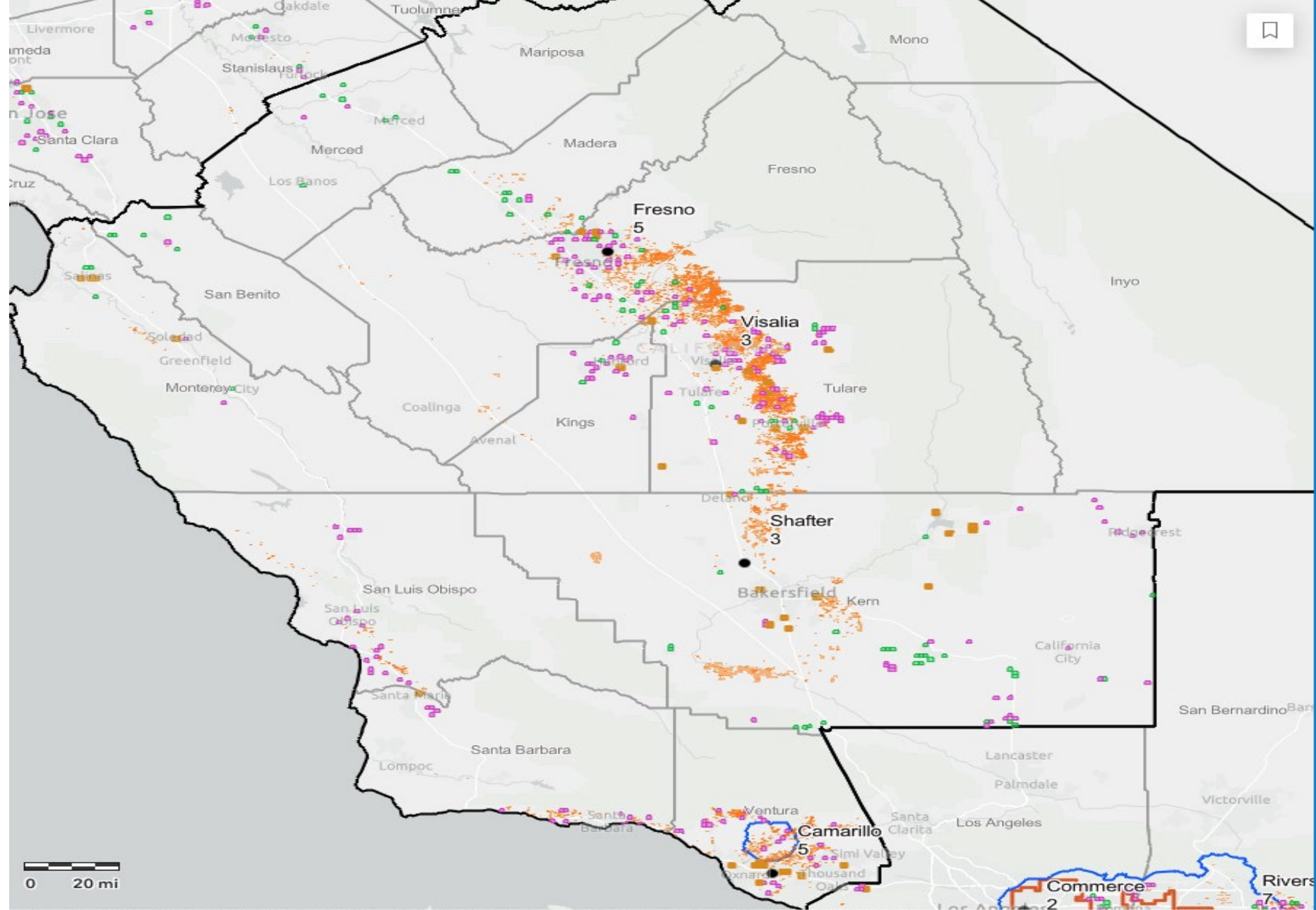
Assigned Grids: 344

Completed: 83

In Progress: 41

Not started: 220

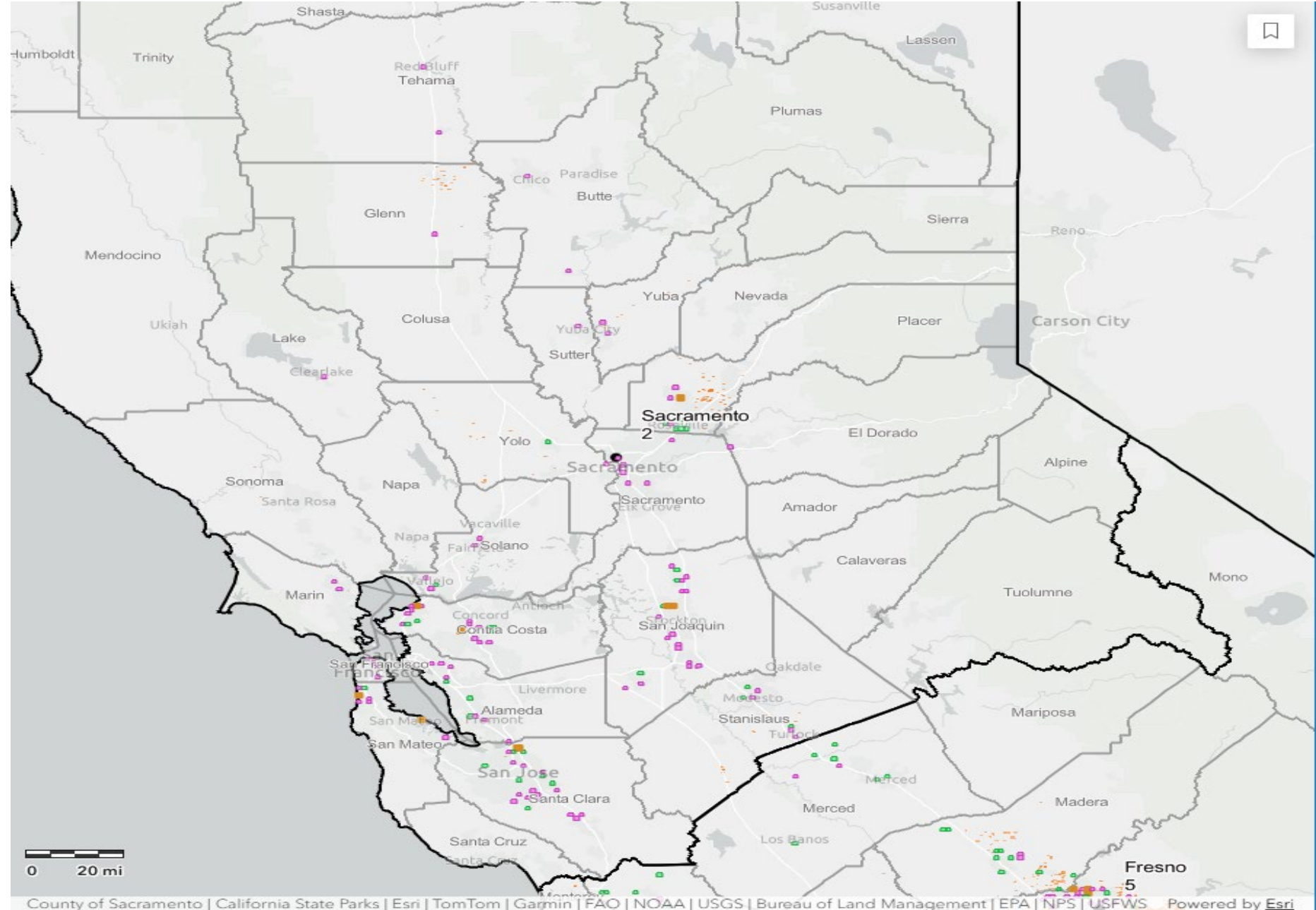
(As of August 12, 2026)



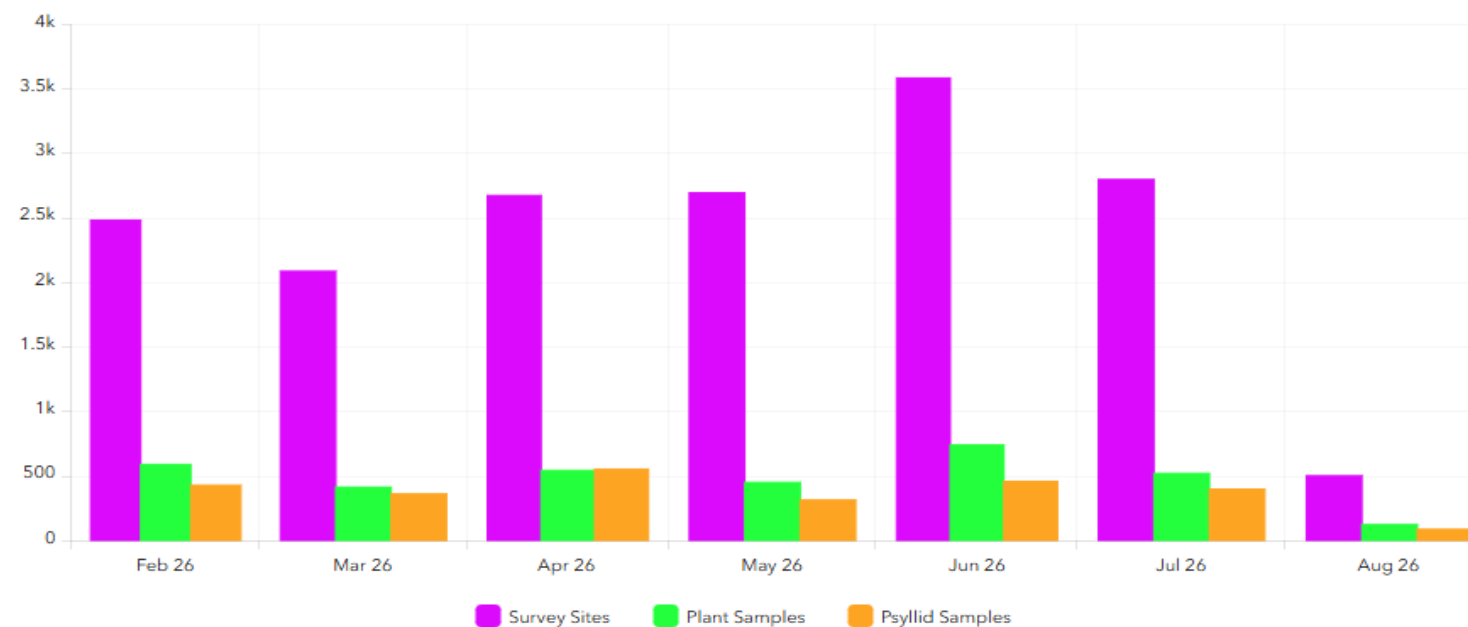
Northern District

Assigned Grids: 125
Completed: 30
In Progress: 8
Not started: 87

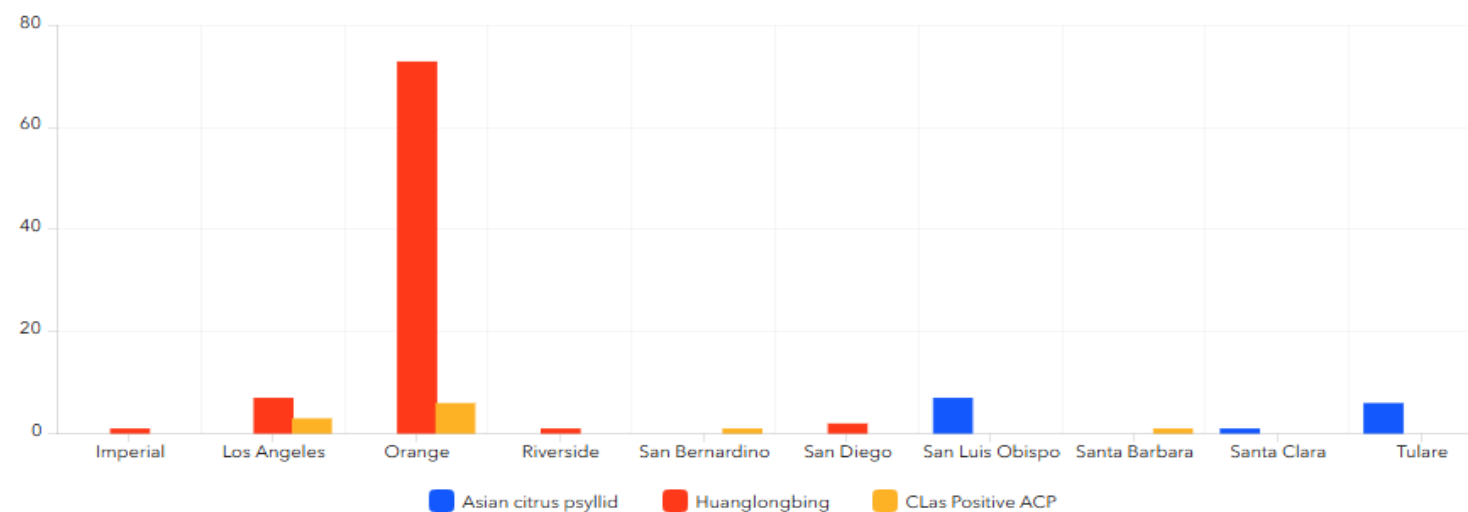
(As of August 12, 2026)



Multi-pest Survey Activities Last 6 Months



Detections from the Last 6 Months



Thank You!

County Monthly Activity Report
October 2025 - May 2026

County	CA's Issued	Grower Inspections	Transporter Inspections	Packer/Processor Inspections	Fruit Seller Inspections	Harvester/FLC Inspections	Regulatory Incidents	NOVs Issued	NOPAs
Fresno	61	2	567	3	0	0	0	49	0
Imperial	1	26	5	1	0	0	0	0	0
Kern	35	8	558	8	0	5	0	0	0
Kings (*1)	0	0	0	29	0	0	0	0	0
Los Angeles	0	28	0	0	483	0	0	0	0
Monterey	0	56	0	0	0	0	0	0	0
Orange (*1)	6	35	0	0	1	0	0	0	0
Riverside	13	19	296	2	23	2	0	2	0
San Bernardino	17	12	2	0	48	0	0	2	0
San Diego	5	113	86	52	57	0	0	3	0
San Luis Obispo	1	0	0	0	1	0	0	0	0
Santa Barbara	18	27	3	0	31	0	0	1	0
Tulare	118	1	1,947	57	7	0	0	26	11
Ventura	17	14	321	5	1	1	2	5	0
Total	292	341	3,785	157	652	8	2	88	10

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

A photograph of an orchard with many ripe orange fruits hanging from green leaves. A path is visible in the background. The text is overlaid on the center of the image.

HLB Retail Nursery Program

Operations Subcommittee Meeting

August 27, 2026

Program Overview

- HLB quarantine prohibits sale of outdoor citrus nursery stock.
- Retail program allows the sale of citrus nursery stock within the HLB quarantine under a systems approach.
 - Permitted in Los Angeles and Orange Counties only – areas de-emphasized due to distance from commercial citrus.
 - Implemented to help address growing number of illicit nurseries.
 - Systems approach
 - Plants must originate from APHIS-approved screenhouse or area not under quarantine.
 - Must be maintained within a solid walled building, at least 30 feet from the door.
 - Trees are eligible for sale 90 days from date of treatment at originating nursery.
 - Trees not sold within treatment window must be destroyed.
- CPDPC recommended implementation on limited term basis to be re-evaluated.
 - Current expiration: 11/30/2026

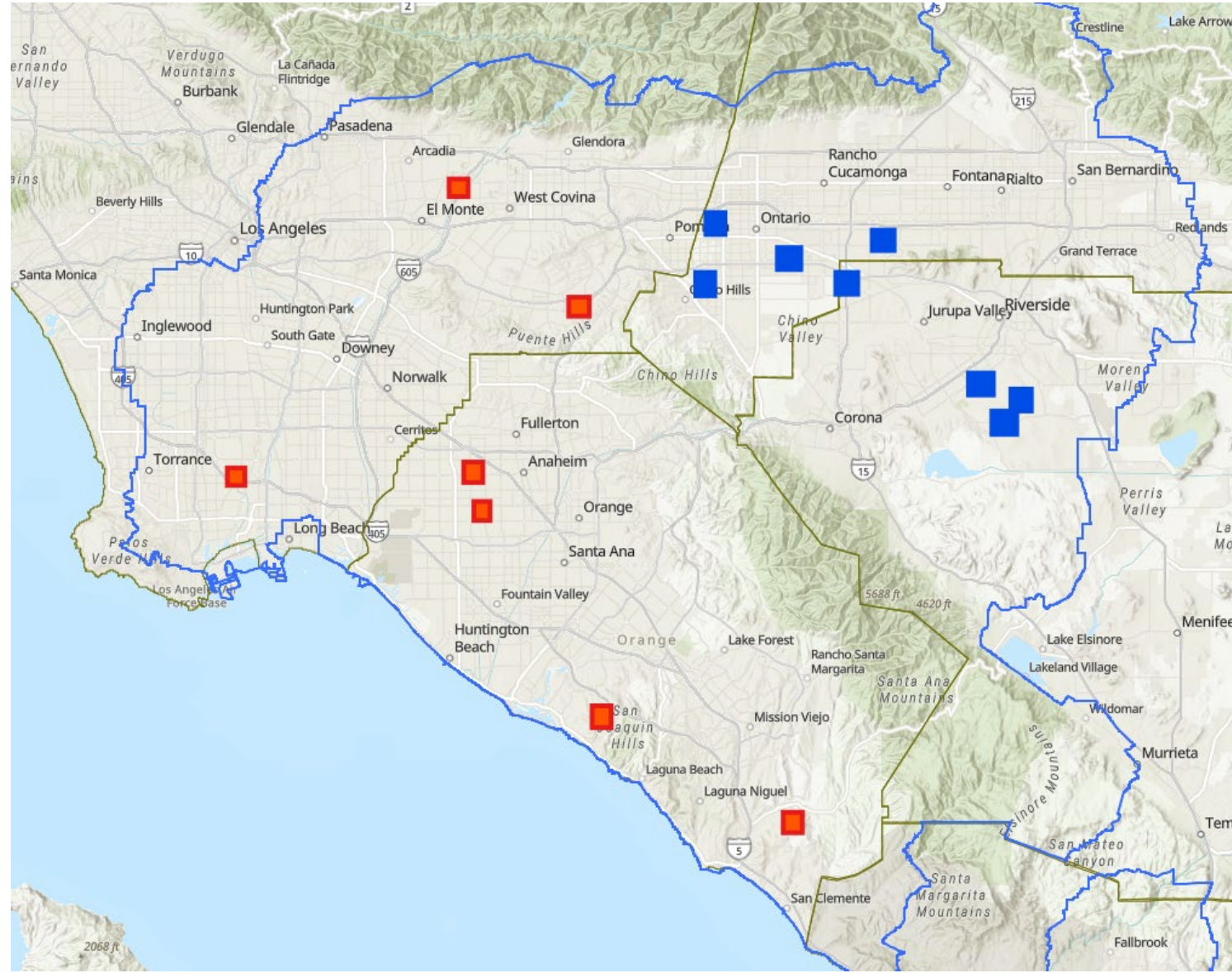
Nurseries with an Approved Structure in HLBBQ

Los Angeles – 3

Orange County – 4

Riverside County – 4

San Bernardino County – 4



Retail Program Participants

Nurseries

- Shippers – 4 nurseries
- Receivers – 4 nurseries
 - 84 locations

Plants Shipped (7/25 – 7/26)

- LA County
 - 283 shipments
 - 51,831 plants
- Orange County
 - 263 shipments
 - 56,343 plants
- 12-month total
 - 546 shipments
 - 108,174 plants

Inspections and Results

- CDFA staff inspect ~20% of the shipments
- Issues observed
 - Expired treatments
 - Trees found outside on 7 occasions – addressed with corporate office
 - 738 trees destroyed for outdoor or expired treatment
 - Ongoing issues may result in locations being removed from the program
- Significantly reduced number of backyard and roadside vendors
 - 2021-2023: 1,643 host plants destroyed at 27 home nurseries
- Market for citrus exists. Retail program makes available certified, clean plants.

The background of the slide features a close-up photograph of several oranges hanging from a tree branch, surrounded by green leaves. The entire image is covered with a semi-transparent orange overlay, creating a warm, autumnal aesthetic.

Discussion

A photograph of an orchard with many ripe orange fruits hanging from green leaves. A path is visible in the background. The text is overlaid on the center of the image.

Operations and Staffing Update

Operations Subcommittee Meeting

August 27, 2026

The background is a solid orange color with a faint, semi-transparent image of an orange branch and leaves. The leaves are elongated and pointed, and the oranges are round and textured. The text "Southern District" is centered in the middle of the image in a white, bold, sans-serif font.

Southern District

Southern District HLB Treatment Updates

- Treatments continue with reduced reliance on treatment vendors.
- Treatment completed in Rancho Mission Viejo, Riverside, Loma Linda.
 - Additional treatments will continue for the next few weeks due to expansion of the delimitation area.
- Find sites and adjacent properties in Fallbrook and Valley Center have been treated.
 - Remaining treatments in the delimitation area will begin following the public meeting.
- Outreach letters were delivered in Orange County to encourage participation from homeowners who have not yet agreed to treatments.

Southern District

HLB Delimitation Treatment – 250 meters

Areas	Properties Treated	No Host Properties	Refusal/ Pending
Fallbrook	2	0	0
Valley Center	2	0	0
Ladera Ranch	4	0	0
Loma Linda	54	30	2/5
Rancho Mission Viejo	119	279	11/9
Riverside	169	86	7/8

Southern District

HLB Delimitation Treatment – Find Sites

Cities	Properties Treated
Anaheim	2
Orange	2
Fontana	1
Garden Grove	1
Pico Rivera	1
Ontario	2
Corona	3
San Bernardino	1

Southern District Staffing

Counties	Current	Vacancies
Los Angeles and Orange	22	2
Riverside and San Bernardino	17	2
San Diego and Imperial	12	2
TOTAL	51	6

Staffing by Operational Activity

Counties	Surveys	Treatments/Tree Removals	Regulatory
Los Angeles and Orange	14	6	2
Riverside and San Bernardino	8	5	4
San Diego and Imperial	8	3	1
TOTAL	30	14	7

The background of the slide features a close-up photograph of several ripe oranges hanging from a tree branch, surrounded by green leaves. The entire image is covered with a semi-transparent orange overlay, creating a warm, monochromatic aesthetic.

Central District

Central District Update

ACP detections in the Central Valley

- **June 12** – ACP detected in commercial citrus from a CDFA grove trap in San Luis Obispo County.
 - Grower treated as part of the spray and harvest.
 - ACP continue to be detected from the grove. Nymphs confirmed on 6/19 and 7/31.
 - 20 PDR confirmations; 34 total ACP samples submitted for CLas testing, 13 pending.
- **June 25** – ACP detected in commercial citrus in response to APCD's ACP trap detections in Tulare County.
 - CDFA staff collected adults and nymphs during a visual inspection.
 - Grower treated and the last detection was on 7/9. No other ACP have been detected.
 - All 13 ACP samples tested negative for CLas.

Central District Update

ACP detections in the Central Valley

- **August 14** – ACP detected in residential citrus from a CDFA detection trap in San Benito County.
 - During CDFA visual inspection staff observed/collected additional adults, and nymphs.
 - Staff are preparing for a 400-meter treatment area.
 - Delimitation traps will be deployed beginning August 17.

Santa Paula

Properties surveyed: 2,779

- Survey refusals: 2

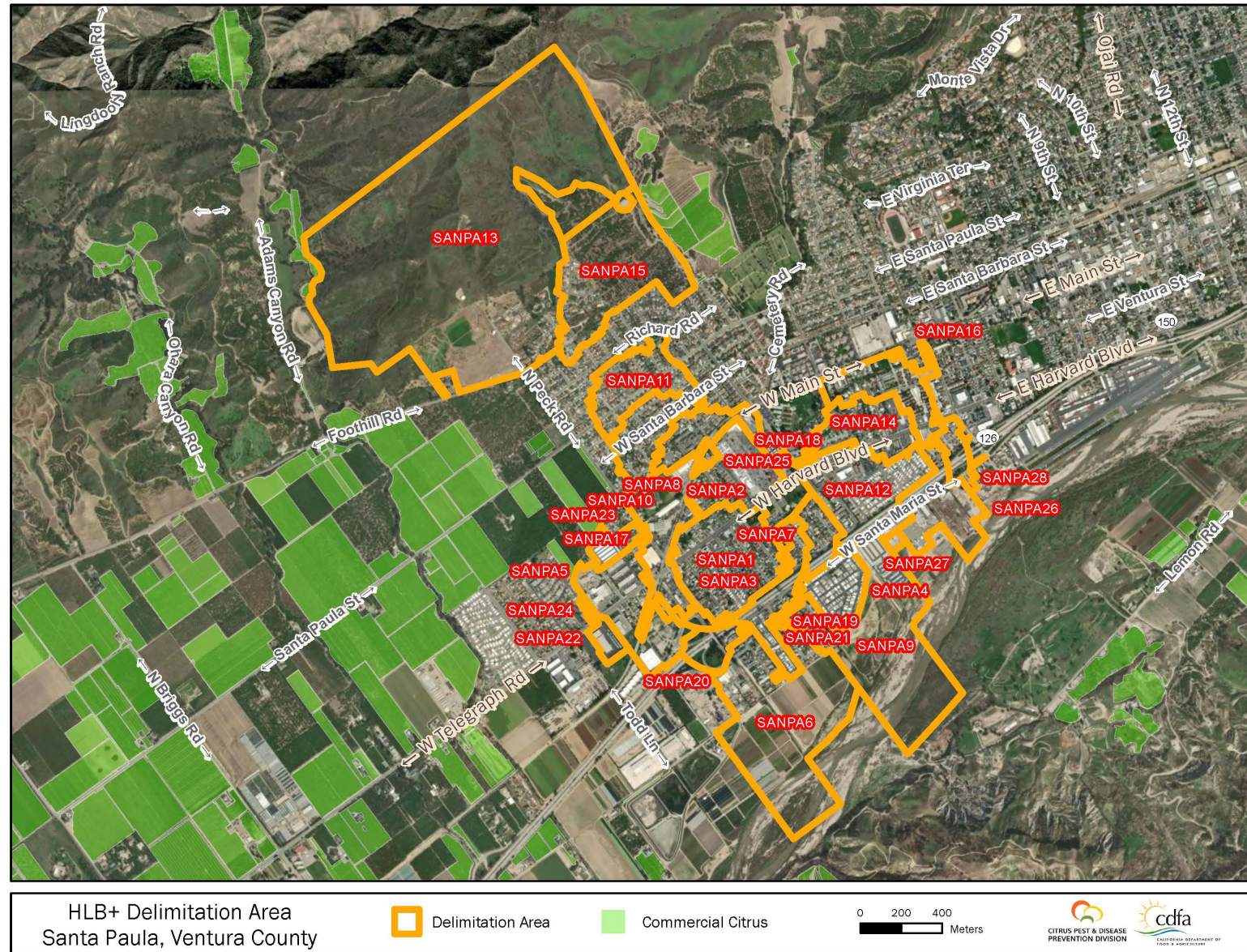
Properties treated: 1,042

- Treatment refusals: 5

HLB+ trees: 187

- HLB+ trees removed: 172
- Tree removal refusals: 0

As of 8/13/2026



Central District Staffing

County	Current (Perm.)	Vacancies
Fresno (Fresno)	10	0
Kern (Shafter)	5	1
Tulare (Visalia)	9	0
Ventura (Camarillo)	9	0
TOTAL	33	1

Staffing by Operational Activity

Counties	Survey	Trapping	Treatment	Regulatory
Fresno (Fresno)	5	5	0	0
Kern (Shafter)	4	2	0	0
Tulare (Visalia)	4	3	0	2
Ventura (Camarillo)	6	0	2	1
TOTAL	19	10	2	3

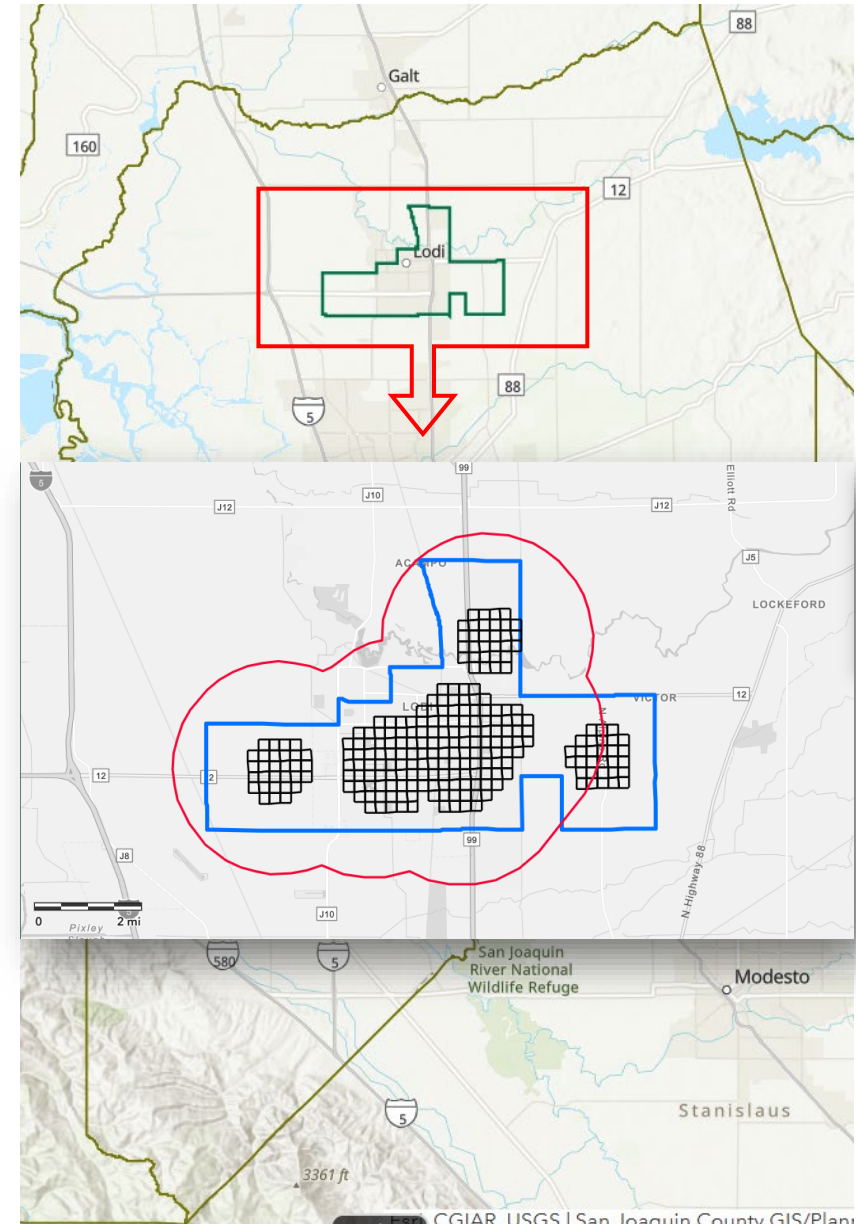
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Northern District

Northern District – San Joaquin Update

Citrus Yellow-Vein Clearing Virus (CYVVCV)

- First detection of CYVVCV in Lodi on July 7, 2026
- Delimitation survey within the core and 2-mile arc is ongoing
 - 300 properties/sites surveyed
 - 675 samples collected
 - 67 sites with a positive tree(s)
- ½-mile radius quarantine established



Northern District – Santa Clara Update

ACP Detections

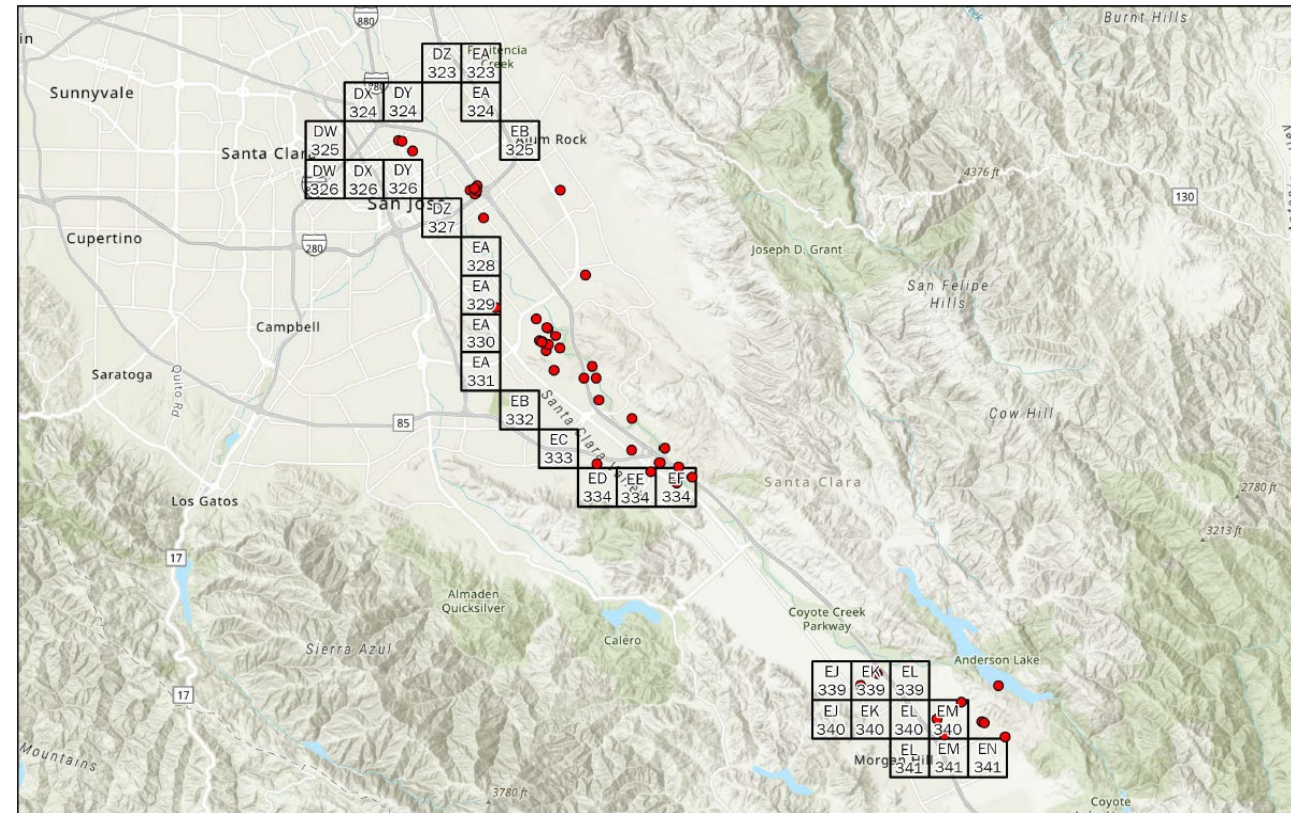
- 5 ACP detections since June 10, 2026
- 4 delimitation expansions in Morgan Hill

Delimitation Trapping

- 212 traps

Biocontrol

- *Tamarixia* releases ongoing in San Jose and Morgan Hill areas
- Average 4,000 to 5,000 releases twice a month



Santa Clara County - San Jose and Morgan Hill
Delimitation Grids

- 2025-2026 ACP Detection
- Existing Grids (30)

0 1.5 3 Miles

CONFIDENTIAL - WORKING DOCUMENT
FOR INTERNAL USE ONLY

Printed 8/18/2026



**CITRUS PEST & DISEASE
PREVENTION DIVISION**

Northern District Staffing

County	Current (Perm.)	Vacancies
Sacramento	9	1
DAVU	3	1
TOTAL	12	2

Staffing by Operational Activity

Counties	Survey	Trapping	Treatment	Regulatory
Sacramento	3	4	0	2



ACP Biocontrol Update

Operations Subcommittee Meeting
August 27, 2026

Biological Control Production

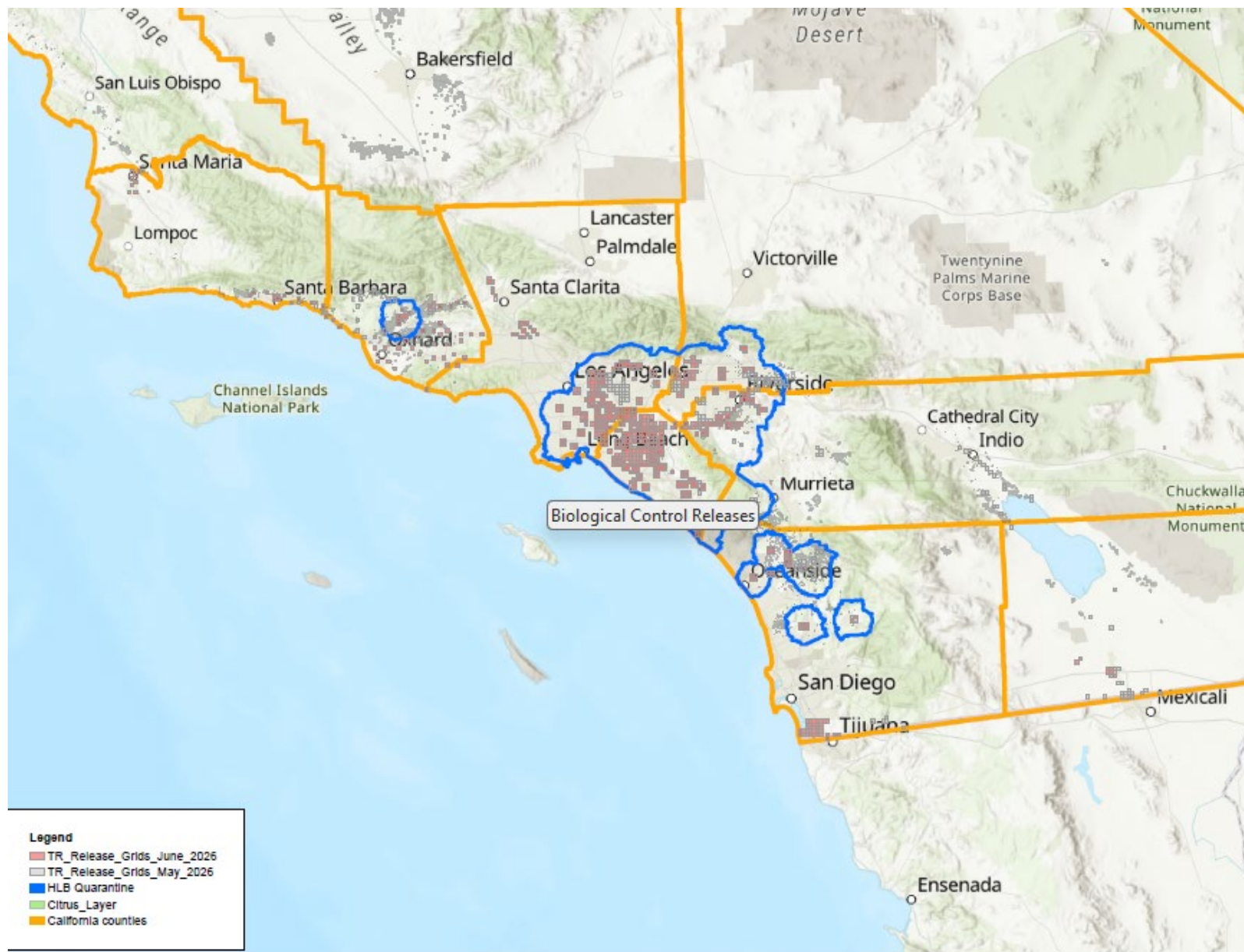
County	Mt Rubidoux 2026	Cal Poly Pomona 2026	2026 Total	2025 Total
January	93,950	37,700	131,650	148,200
February	115,200	166,600	281,800	134,400
March	49,300	105,800	155,100	229,100
April	71,700	116,300	188,000	198,500
May	97,700	82,950	180,650	83,100
June	97,300	116,600	213,900	240,540
July	117,400	159,350	276,750	247,600
August	-	-	-	191,900
September	-	-	-	199,000
October	-	-	-	129,915
November	-	-	-	125,700
December	-	-	-	110,415
Total	642,550	785,300	1,427,850	2,038,370

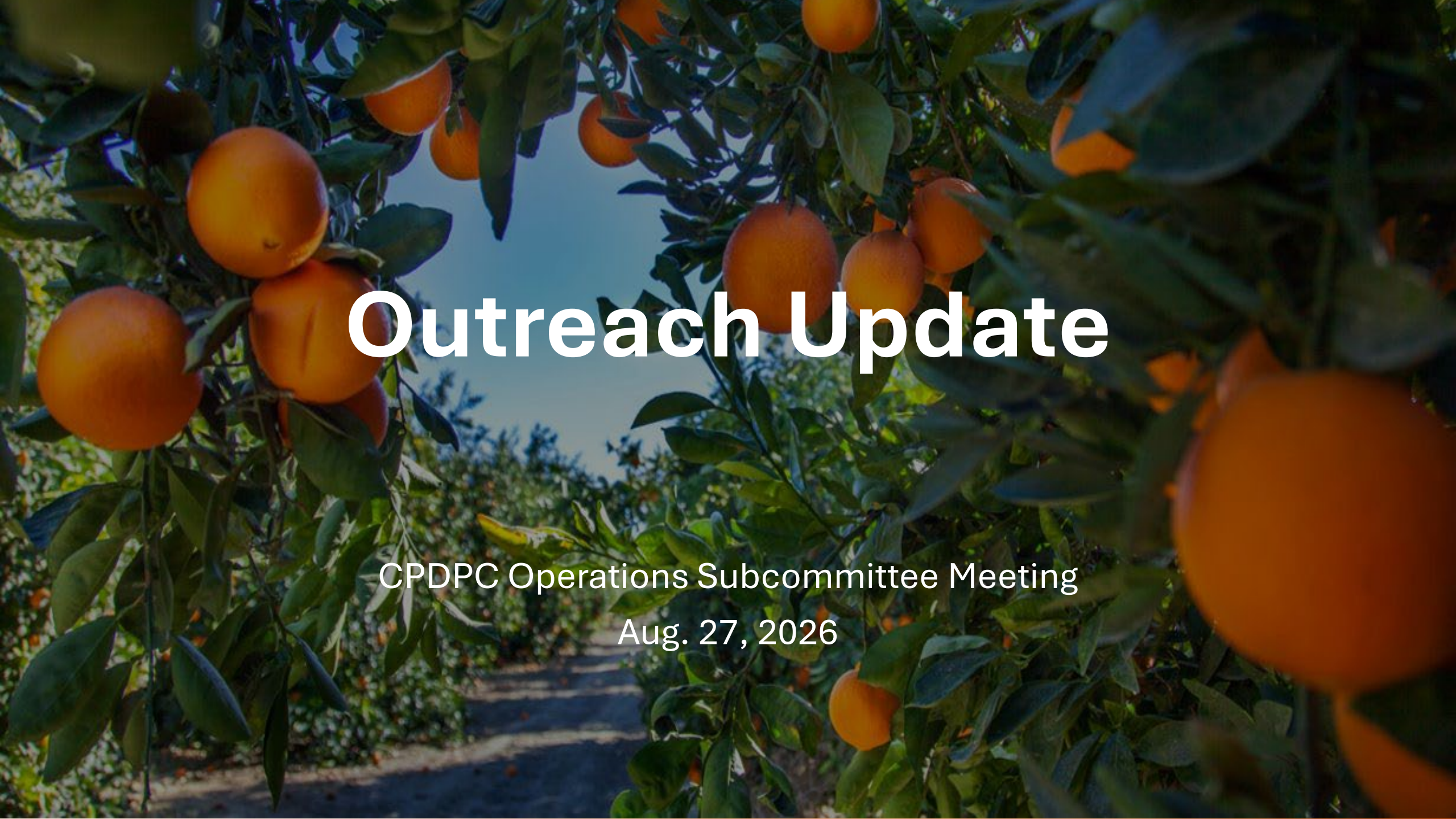
Biological Control Releases

County	Releases June and July 2026	T. Radiata Released 2026	Total Released 2011-2026
Imperial	5,000	51,600	848,043
Los Angeles	17,840	33,500	9,600,824
Orange	160,600	375,500	7,925,216
Riverside	38,100	16,760	510,500
San Bernardino	50,600	145,100	2,848,115
San Diego	47,800	135,200	3,816,364
Ventura	4,900	11,900	2,894,506
Santa Barbara	11,500	29,300	539,482
Kern	-	19,200	457,264
Santa Clara	7,500	40,000	502,737
Placer	-	-	3,400
San Luis Obispo	3,200	3,200	150,200
Tulare	3,200	3,200	53,000
Fresno	-	-	47,800
Monterey	-	-	36,000
Madera	-	-	13,800
Arizona	-	-	253,500
Mexico	-	-	306,000
Total	350,240	864,460	30,806,751

Southern California Releases

May and June 2026



A photograph of an orchard with many ripe orange fruits hanging from green leaves. A path is visible in the background. The text "Outreach Update" is overlaid in white, bold font.

Outreach Update

CPDPC Operations Subcommittee Meeting

Aug. 27, 2026

CPDPC Industry Ad Hoc Committee

Industry Ad Hoc Committee process is underway to gather feedback on the Committee and Division's operations, priorities and effectiveness.



CYVCV Outreach Response

Lodi (San Joaquin County)

Updated Communications:

- Developed dedicated key messages, FAQs and informational materials

Public Announcement:

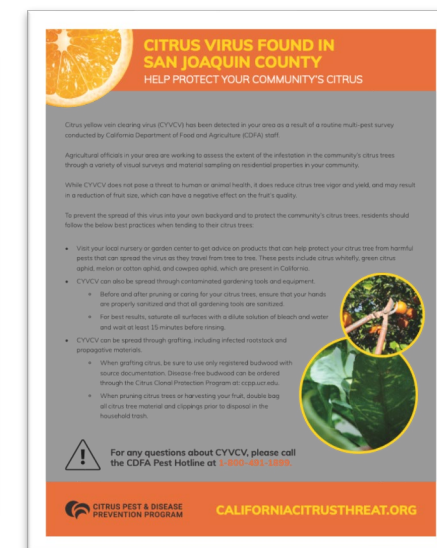
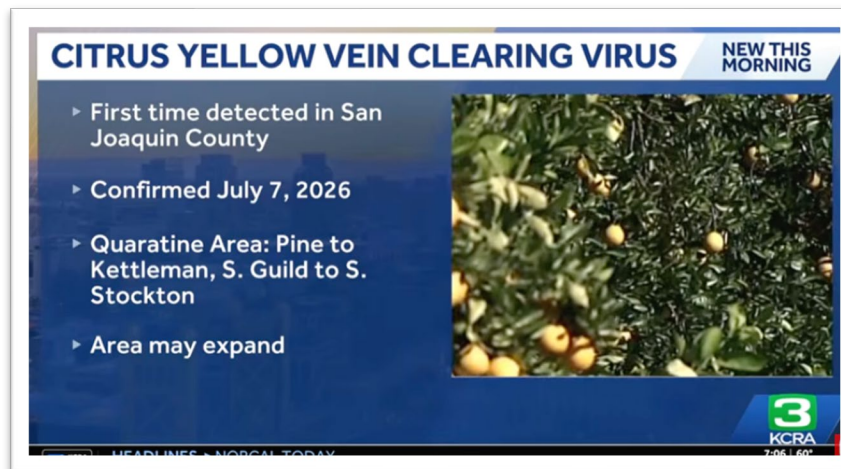
- Press release development to support distribution by San Joaquin County

Media Outreach:

- Facilitated English and Spanish interviews with the San Joaquin County Agricultural Commissioner and CPDPD staff

Industry Engagement:

- Citrus Insider blog post
- Outreach to industry publications



Educating Target Audiences

Digital Outreach

- Ongoing organic social media content reinforcing ACP and HLB key messages

Paid Media

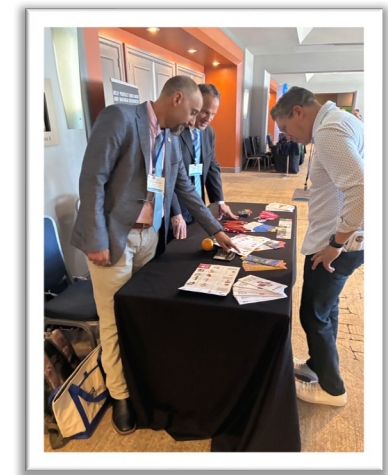
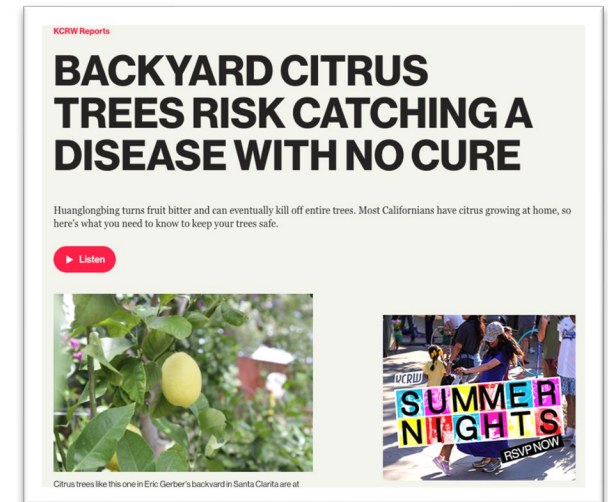
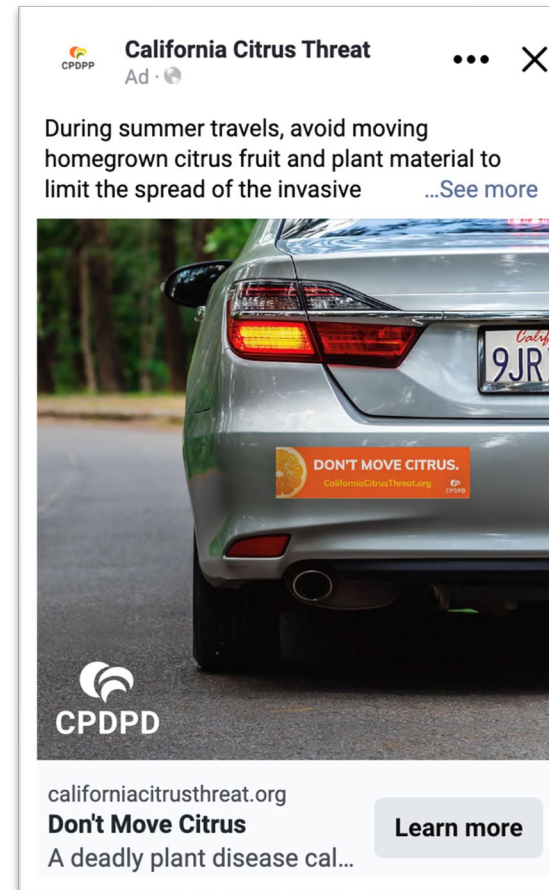
- Activated a summer “Don’t Move Citrus” meta campaign

Events

- Connected with key audiences at residential and elected official events

Earned Media

- Media interviews on the state of ACP and HLB in California



Upcoming 2026/27 Planning

Media Training: Ensure CPDPD staff are equipped to communicate key messages with the media.

Central Valley and Central Coast Outreach Campaigns: Raise awareness of ACP and HLB in high-risk regions timed around late summer/fall flush.

Social Media and Digital Content Library: Identify opportunities to create new or update existing digital assets for social media or online use.

Homeowner Outreach Campaigns: Leverage timely moments to engage residential audiences, amplify key messages and expand reach.

