



# ACP Biocontrol

CPDPC Meeting  
September 16, 2026

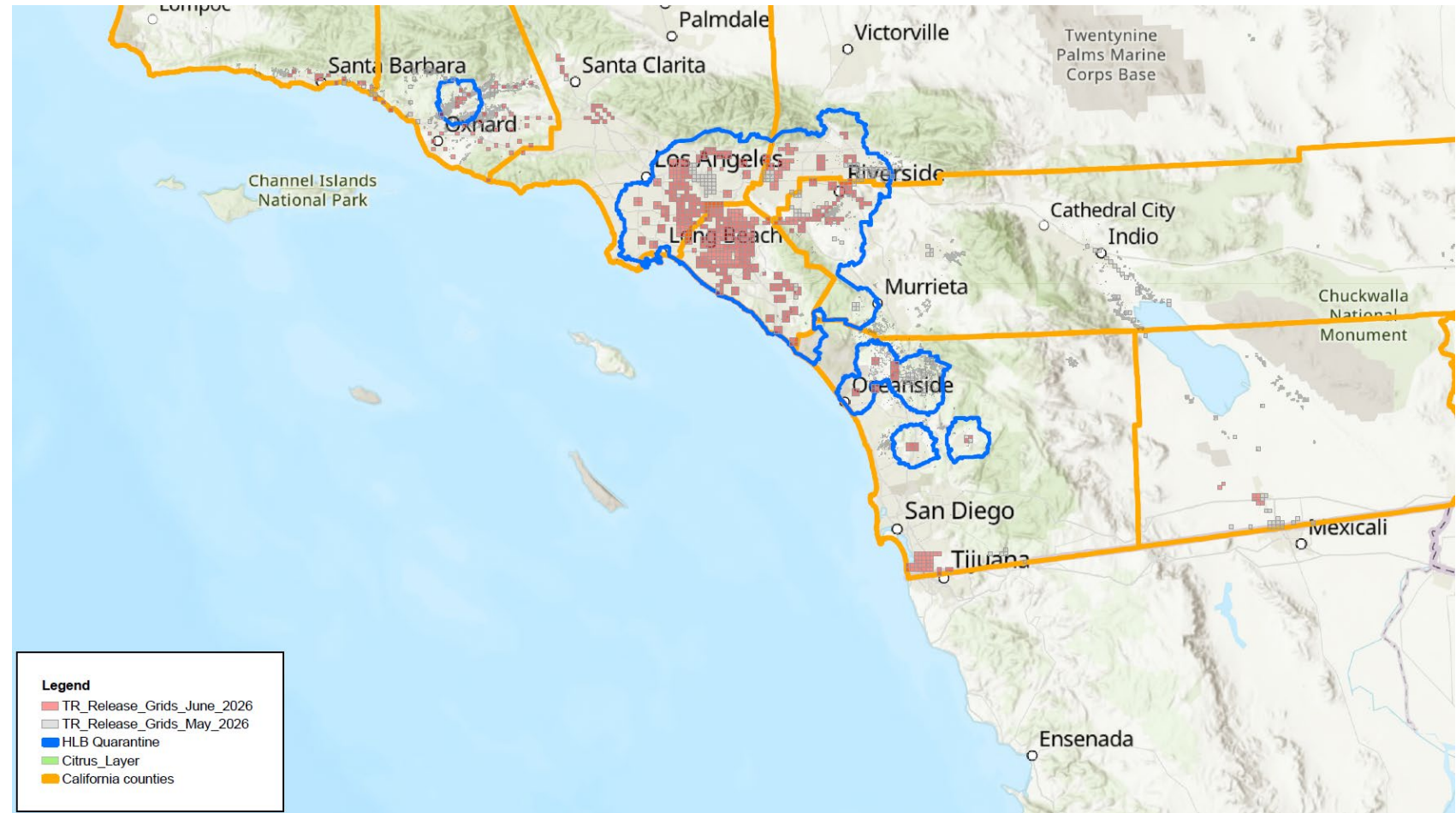
# *Tamarixia radiata* Production

| County       | Mt. Rubidoux<br>2026 | Cal Poly Pomona<br>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       | 45,200               | 67,000                  | 112,200          | 191,900          |
| September    | -                    | -                       | -                | 199,000          |
| October      | -                    | -                       | -                | 129,915          |
| November     | -                    | -                       | -                | 125,700          |
| December     | -                    | -                       | -                | 110,415          |
| <b>Total</b> | <b>687,750</b>       | <b>852,300</b>          | <b>1,540,050</b> | <b>2,038,370</b> |

# *Tamarixia radiata* Releases

| County          | August 2026    | 2026 YTD through August | Total YTD 2011-2026 |
|-----------------|----------------|-------------------------|---------------------|
| Imperial        | -              | 51,600                  | 848,043             |
| Los Angeles     | 28,600         | 62,100                  | 9,600,824           |
| Orange          | 45,000         | 420,500                 | 7,925,216           |
| Riverside       | 14,000         | 30,760                  | 510,500             |
| San Bernardino  | 11,300         | 156,400                 | 2,848,115           |
| San Diego       | 7,800          | 143,000                 | 3,816,364           |
| Ventura         | 2,400          | 14,300                  | 2,894,506           |
| Santa Barbara   | 3,200          | 32,500                  | 539,482             |
| Kern            |                | 19,200                  | 457,264             |
| Santa Clara     | 2,000          | 42                      | 7,737               |
| Placer          |                | -                       | 3,400               |
| San Luis Obispo |                | 3,200                   | 150,200             |
| Tulare          |                | 3,200                   | 53,000              |
| San Benito      | 3,200          | 3,200                   | -                   |
| Fresno          |                | -                       | 47,800              |
| Monterey        |                | -                       | 36,000              |
| Madera          |                | -                       | 13,800              |
| Arizona         |                | -                       | 253,500             |
| Mexico          |                | -                       | 306,000             |
| <b>Total</b>    | <b>117,500</b> | <b>981,960</b>          | <b>30,806,751</b>   |

# Releases within/around HLB quarantine areas



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 Full Committee Meeting  
Sept. 16, 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.



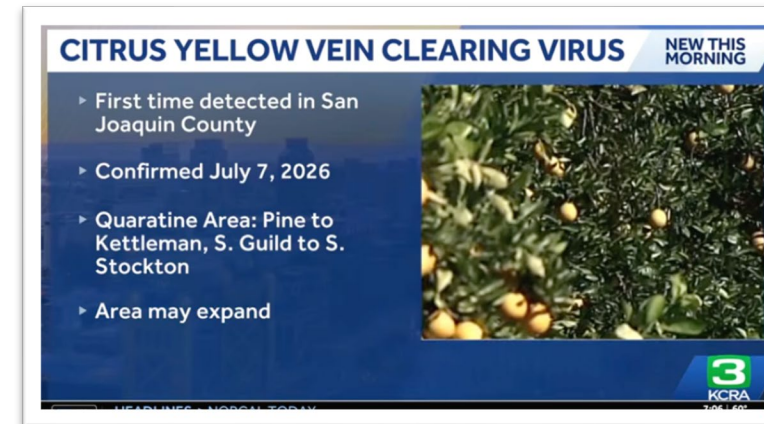
# Crisis Communications

## HLB - Imperial County Detection

- Facilitated the crisis communication management team meeting to align on key messages.
- Developed a press release distributed by CDFA.
- Conducted media outreach and coordinated media interviews with the Imperial County CAC team.
- Outreach to industry publications and stakeholders via Citrus Insider.

## CYVCV - San Joaquin County Detections

- Developed dedicated key messages, FAQs, informational materials and a press release distributed by San Joaquin County.
- Facilitated media interviews with the San Joaquin CAC and CPDPD staffs.
- Outreach to industry publications and stakeholders via Citrus Insider.



# Educating Target Audiences

## Digital Outreach

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

## Paid Media

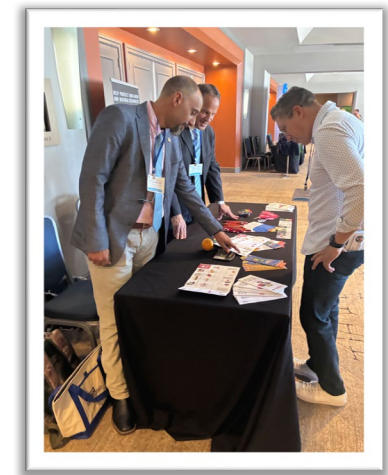
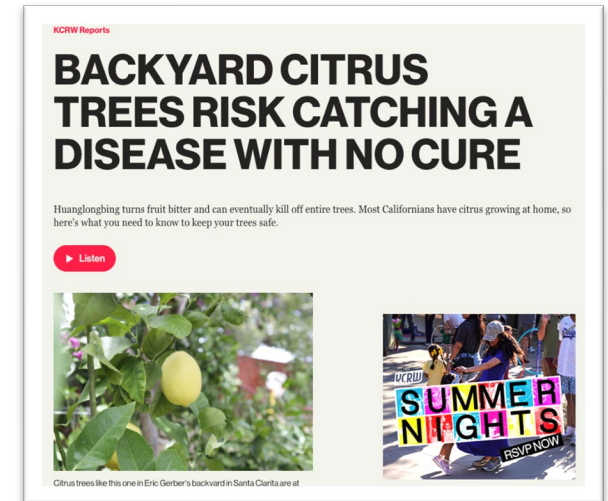
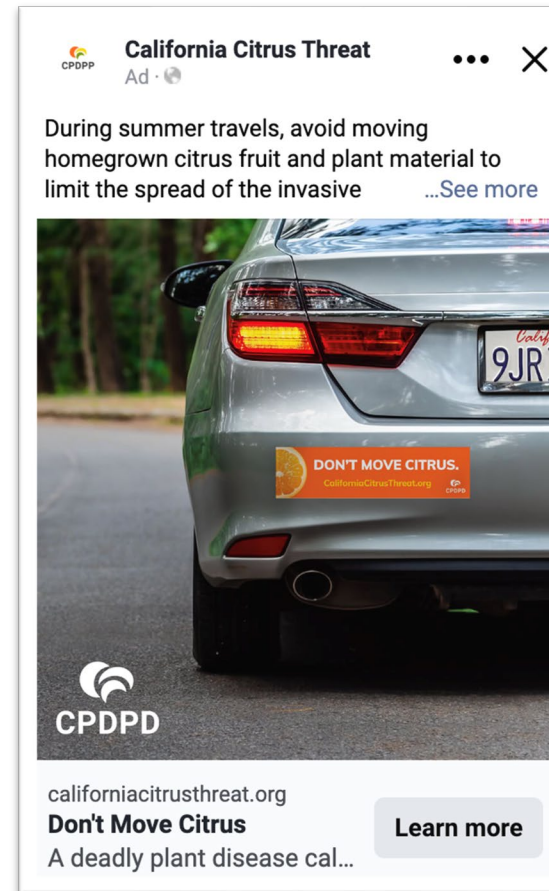
- Summer “Don’t Move Citrus” targeted Meta ads

## Events

- Connected with key audiences at residential and elected official events

## Earned Media

- Proactive media interviews on the state of ACP and HLB in California



# Upcoming 2026/27 Planning

**Media Training:** Conduct training for select CPDPD staff throughout each region to serve as spokespeople and communicate key messages with the media.

**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.



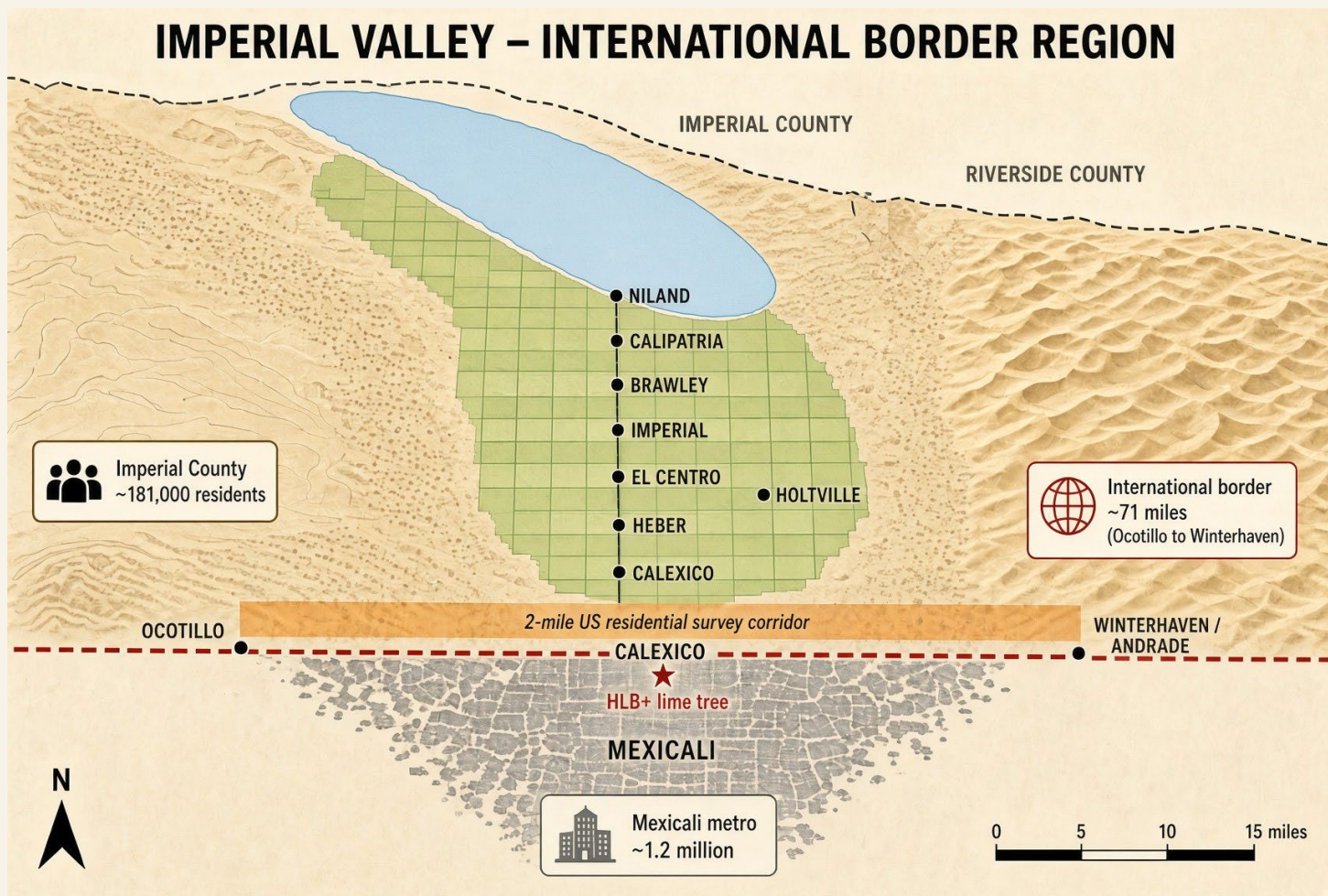
# First HLB Detection in Imperial County

Joint response with the Imperial County Agricultural Commissioner to a Huanglongbing-positive residential lime tree in Calexico

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|                      |             |                   |                        |
|----------------------|-------------|-------------------|------------------------|
| FIND SITE            | CONFIRMED   | STATUS            | PARTNERS               |
| Calexico residential | August 2026 | First county HLB+ | CDFA · USDA · SENASICA |

# A shared citrus corridor on a 71-mile international border



**~181,000**

Imperial County residents (2025 Census)

**~1.2 million**

Mexicali metro population (2026)

**~71 miles**

Border from Ocotillo to Winterhaven / Andrade

**~10,000–12,000**

Residences in the 2-mile U.S. buffer (almost all in Calexico)

**~5,000–7,000**

Those residences likely holding at least one citrus tree

# Why the 2-mile U.S. border strip is the first line of defense

01

## Where the people are

Calexico sits on the line: ~38,600 residents, ~10,200 households, ~12,000 housing units. Heber is 4.5 miles north — outside a strict 2-mile buffer. Winterhaven / Andrade and rural canal-side parcels add only a thin scatter of homes along the remaining 70 miles.

02

## How common is yard citrus?

CDFA residential-host work for Imperial County estimated ~11,450 residential citrus sites countywide and confirmed roughly 48–69% of modeled sites. Yard citrus here is dominated by lemon (~38%), orange (~21%), lime (~15%), and grapefruit (~14%).

03

## Working estimate

Apply that Imperial host rate to the ~10,000–12,000 residences inside the 2-mile U.S. buffer. Result: about 5,000–7,000 properties with at least one citrus tree — a dense, unregulated host landscape facing a city of 1.2 million immediately south of the fence.

## Operational implication

Deputy Ag Commissioner Nelson Perez: county crews already survey two miles north of the border and inspect every citrus-host site they can find. That corridor — not the commercial groves 25–40 miles north — is where an HLB introduction from Mexicali is most likely to land first. The Calexico lime tree is consistent with that risk pathway.

# The groves we are protecting sit well north of this find



## IID 2025 crop survey

~5,700 acres · ~64 commercial sites

|              |          |
|--------------|----------|
| Lemons       | 4,660 ac |
| Grapefruit   | 544 ac   |
| Mixed citrus | 45 ac    |
| Oranges      | 251 ac   |
| Tangerines   | 167 ac   |
| Limes        | 33 ac    |

Commercial citrus lines the east and west edges of the farmed valley. Closest grove: west of Brawley, ~17 miles north of the quarantine.

# One residential lime tree in Calexico — first HLB+ plant in the county

## Late July 2026

State-verified plant sample from a residential property in Calexico.

## August 13, 2026

CDFA establishes the new HLB quarantine (grids 526 & 535).

## August 18, 2026

CDFA / USDA public confirmation. First HLB tree ever confirmed in Imperial County.

## What it is

Huanglongbing (*Candidatus Liberibacter asiaticus*), spread by Asian citrus psyllid. No cure. Infected trees die.

### Context that preceded the tree

November 2025: first CLas-positive adult ACP in Imperial County, collected from a rural residential tree in the Imperial area more than 10 miles from the border. That tree was treated and voluntarily removed. ICCPCD had already put two ACP-detection dogs to work (July 2025). Subsequent ACP finds between the border and that site pointed to northward movement from Mexico — the same pathway this Calexico tree now confirms in plant tissue.

# Quarantine is up. The source tree is gone. Survey and treatment are underway.

## 5-mile HLB quarantine

Effective August 13, 2026 · CDFA Release #26-080

|       |                    |
|-------|--------------------|
| North | McCabe Road        |
| South | U.S.–Mexico border |
| West  | Rockwood Road      |
| East  | Barbara Worth Road |

No citrus nursery stock, host plants, or plant parts may leave the area. Commercially cleaned and packed fruit may move under existing provisions. Residential fruit stays on the property.

USDA is coordinating implications with Mexico’s SENASICA.

## Source tree

Treated and removed by CDFA at the Calexico residence.

## 250-meter survey

Every citrus tree around the find site is being sampled.

## 250-meter treatment

Foliar ACP knockdown on host trees in the core.

## 2-mile border survey

County continues full host-site inspection from the fence north.

## Resident rules

Do not move plants, leaves, or backyard fruit out of the zone.

# District, county, state, and federal roles on one table

## ICCPCD #1

**01**

Grower-funded focus on ACP control/suppression

**02**

Two ACP-detection dogs in residential and rural survey (since July 2025)

**03**

Work with Ag Commissioner's office staff to detect ACP utilizing detection dogs at no cost

**04**

Grower communication and assessment-supported treatments

## Ag Commissioner

**01**

Regulatory authority and quarantine enforcement with CDFA

**02**

Two-mile border host-site survey (all citrus hosts)

**03**

Local inspection, permitting, and resident contact

**04**

Public briefings on symptoms and movement rules

## CDFA / USDA

**01**

Confirmation diagnostics and official HLB designation

**02**

Core 250-meter survey, treatment, and tree removal

**03**

Quarantine mapping and fruit-movement provisions

**04**

SENASICA liaison on the Mexican side of the line

# Hold the line at Calexico. Keep commercial citrus out of this fight.

01

## Finish the core/revisit

Complete 250-meter plant survey and ACP treatments. Remove any additional positive trees without delay.

02

## Focus the 2-mile border buffer on ACP control

Keep dogs, traps, and visual survey on every known host site from Ocotillo to Winterhaven, with extra density in Calexico.

03

## Protect the groves

Maintain area-wide ACP pressure on the ~5,700 commercial acres. No commercial block sits inside this quarantine — keep it that way.

04

## Talk to residents

Bilingual outreach: do not move backyard citrus, report sick trees, allow access for survey and treatment.

05

## Stay binational

Use the USDA–SENASICA channel. Mexicali's host landscape is the other half of this epidemic system.

06

## Fund the corridor

Border monitoring is no longer a theory. Detector dogs, residential survey, and biological control along 71 miles need a durable budget.

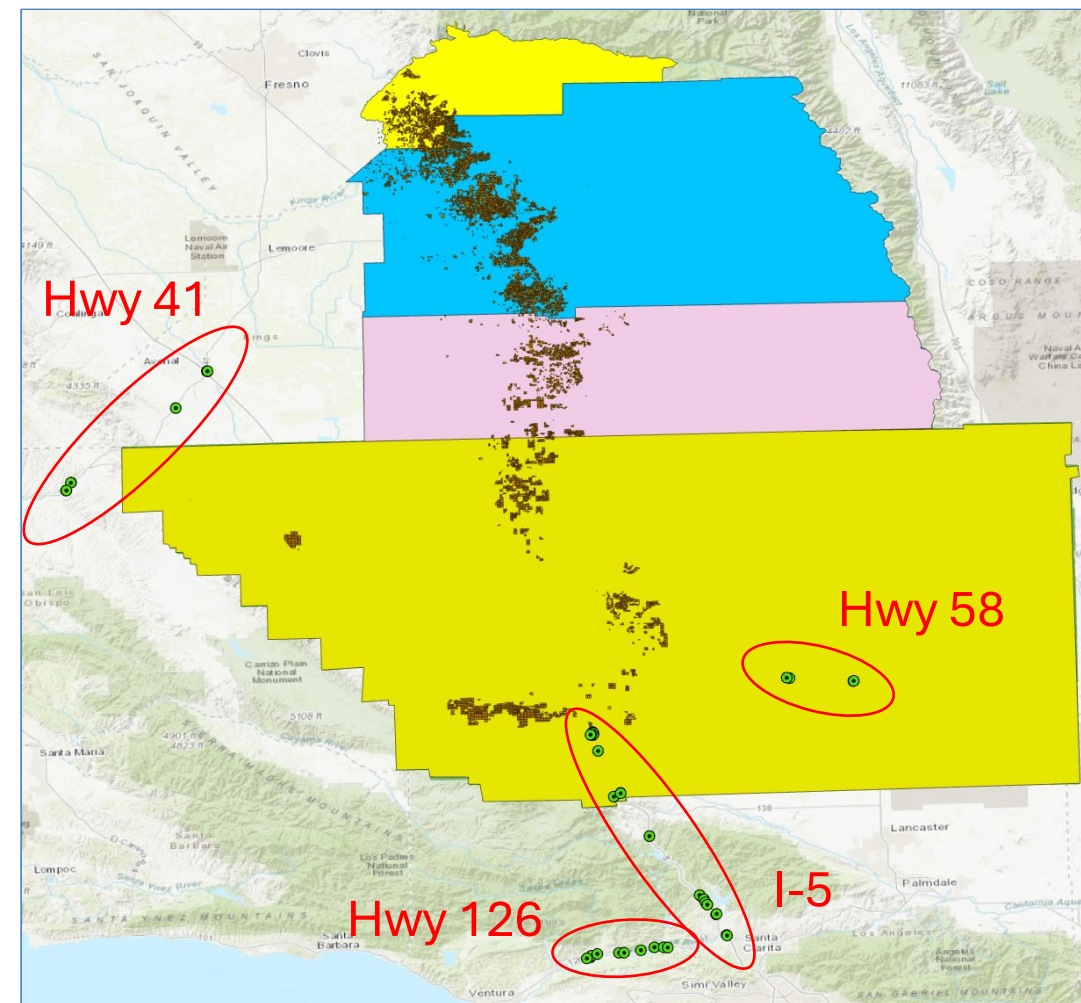
# TRAPPING

## Non-Citrus Sites, Year-round

- Weigh-Stations
- Truck Stops
- Transportation Corridors
  - Interstate
  - State Routes

**January through August 2026**

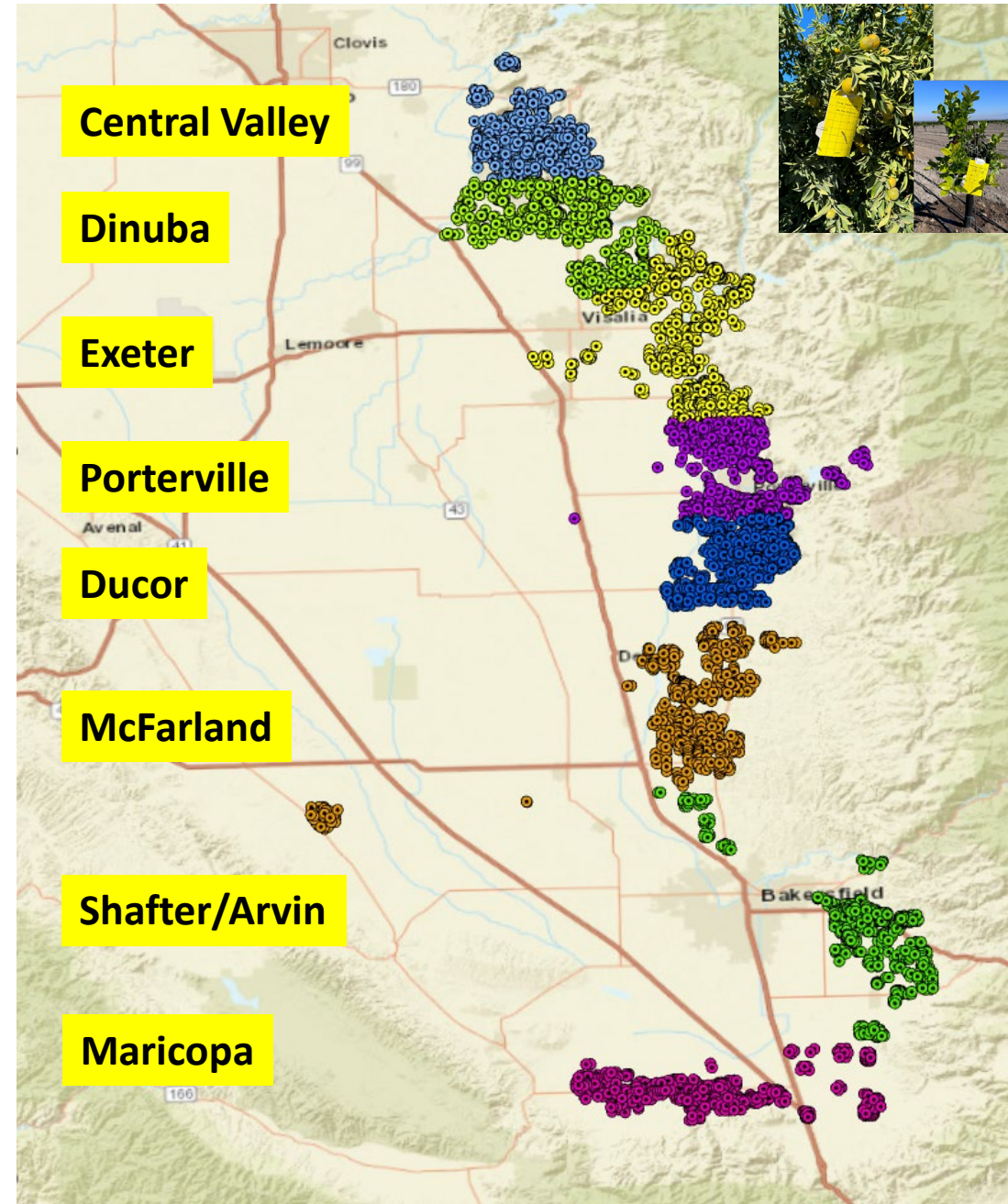
| Locations           | Trap sites | Trap Serviced |
|---------------------|------------|---------------|
| Hwy 126/Ventura     | 10         | 100           |
| North Bound I-5     | 19         | 123           |
| Fort Tejon & Hwy 58 | 15         | 119           |
| Kettleman/Reef city | 8          | 64            |
| <b>Total</b>        | <b>52</b>  | <b>406</b>    |



# Regular Season Trapping

April 09 to September 03, 2026

| Territories    | Trap Sites | Visits | Trap Serviced | Not Serviced | NA |
|----------------|------------|--------|---------------|--------------|----|
| Central Valley | 682        | 5,004  | 4,941         | 55           | 8  |
| Dinuba         | 654        | 4,615  | 4,447         | 153          | 15 |
| Exeter         | 679        | 4,965  | 4,880         | 76           | 9  |
| Porterville    | 656        | 4,958  | 4,875         | 58           | 25 |
| Ducor          | 644        | 4,129  | 4,092         | 27           | 10 |
| McFarland      | 587        | 4,665  | 4,532         | 112          | 21 |
| Shafter/Arvin  | 605        | 4,970  | 4,773         | 193          | 4  |
| Maricopa       | 530        | 4,146  | 4,094         | 40           | 5  |
|                | 5,037      | 37,452 | 36,634        | 714          | 97 |





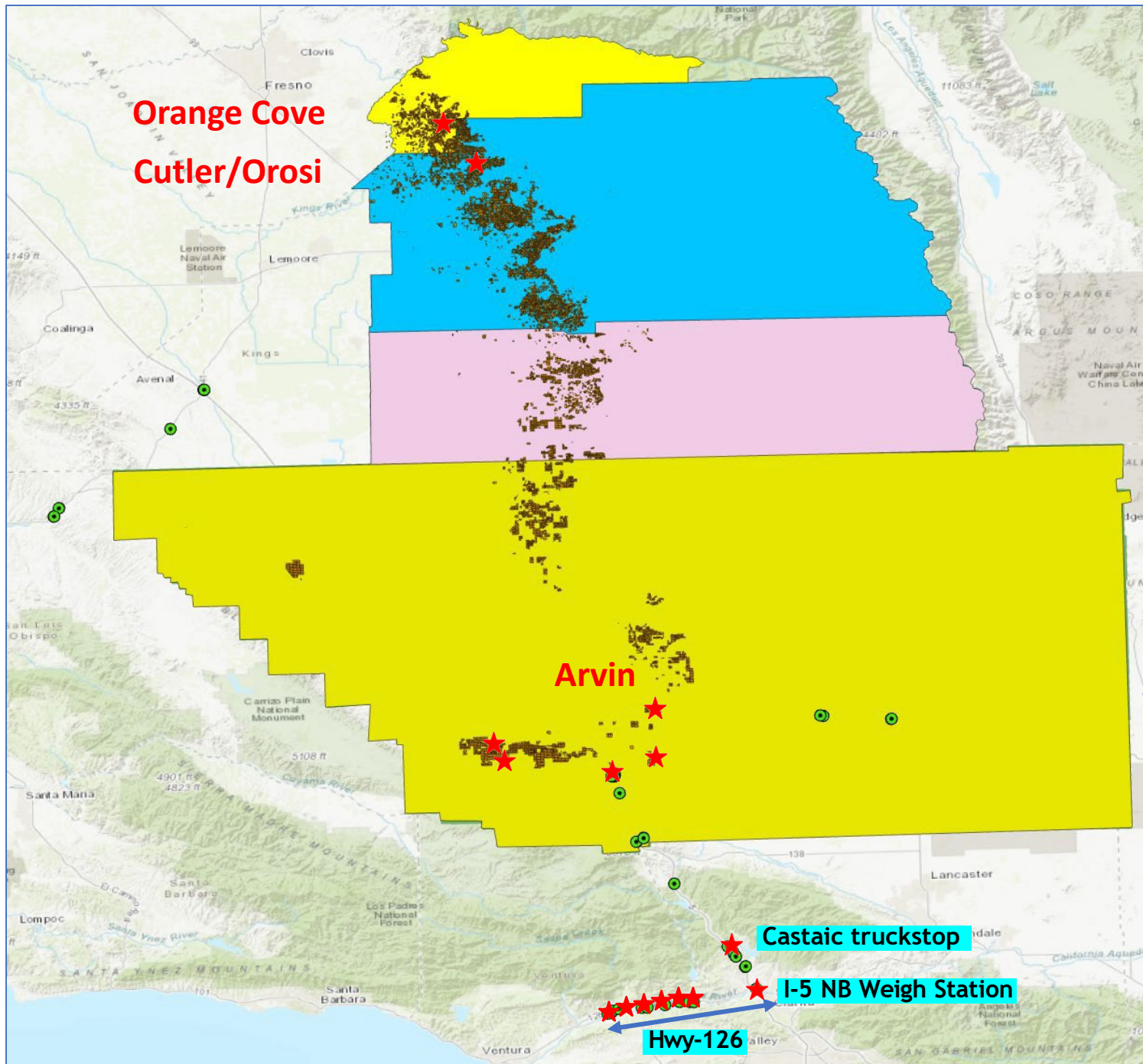
### Trap Screening Report (Regular Season 2026)

| PCD | Traps         | #ACP      | #WFL         | #GWSS         |
|-----|---------------|-----------|--------------|---------------|
| CV  | 3,484         | 6         | 331          | 9,512         |
| TC  | 10,160        | 9         | 1,043        | 18,377        |
| ST  | 6,698         | 0         | 236          | 12,969        |
| KC  | 10,196        | 3         | 1,975        | 16,777        |
|     | <b>30,538</b> | <b>18</b> | <b>3,585</b> | <b>57,635</b> |

ACP, Asian citrus psyllid  
WFL, Whiteflies  
GWSS, Glassy-winged sharpshooters

### PCR Lab Report (Regular Season 2026)

| Pathogen                                      | Tissue Type    | #Tests       |
|-----------------------------------------------|----------------|--------------|
| CLas (HLB)                                    | ACPs           | 1,077        |
|                                               | Phloem punches | 49           |
| <i>Spiroplasma citri</i><br>(Citrus stubborn) | Fruit pedicles | 16           |
| <i>Citrus tristeza virus</i>                  | Leaf petioles  | 203          |
|                                               |                | <b>1,345</b> |



## APCD ACP Trap Finds (2026) ★

1. Public Parking lot (May)
2. Commercial citrus (June) – East of Cuttler-Orosi
3. Commercial citrus (July) – South of Orange Cove
4. Break check stop on I-5 (Jul-Aug)
5. Commercial citrus (Aug) – South of Arvin
6. Commercial citrus (Aug) - Near Maricopa Hwy
7. Commercial citrus (Aug) - South of Arvin
8. Commercial citrus (Aug) – Near Maricopa Hwy