



California Department of Food & Agriculture Plant Pest Diagnostics Center HLB Testing Program July 2020

Monthly Lab Totals – Fig. 1

HLB Yearly Totals – Fig. 2

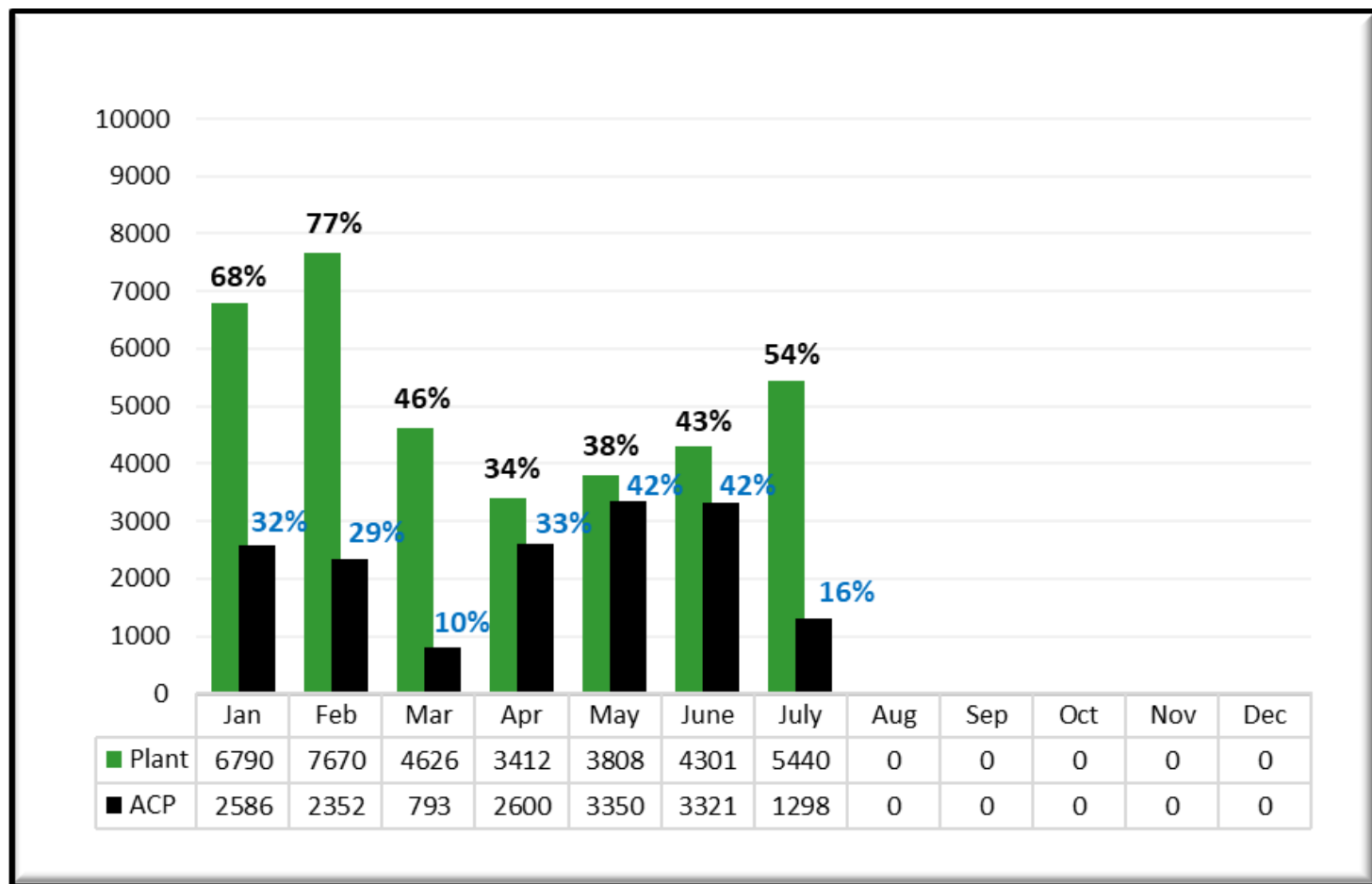
Tally of Positive Detections by County and City – Tables 1 and 2

Tally of Positive Detections by City per Year – Tables 3

Map of HLB Positive Trees – Fig. 3

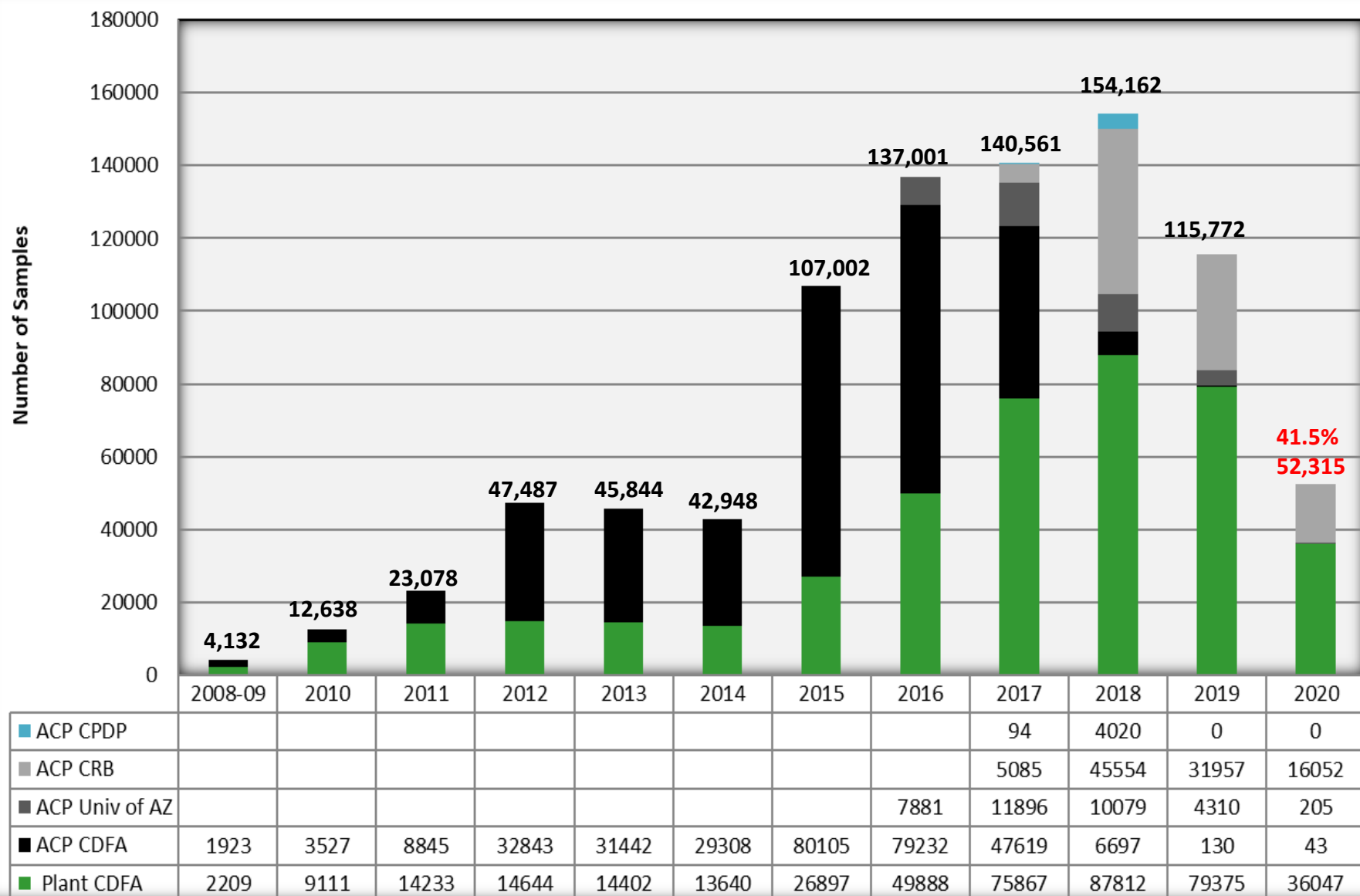
If you have any questions, please call or email me at 916-738-6710 lucita.kumagai@cdfa.ca.gov.

Fig 1. 2020 CDFA/CRB lab totals for plant and ACP samples and the % capacity use per month.



Maximum sample capacity per month: Plant 10K, ACP 8K

Fig 2. Number of samples submitted for HLB testing per year from 2008 to July 2020.



Combined total of plant and ACP samples tested from 2008 – July 2020 is 882,972.

Tables 1 and 2. Tally of positive detections by county and city as of 7/27/2020

County	Sites	Trees	ACP
Orange	70.5%	74.3%	68.0%
LA	27.1%	23.9%	26.5%
Riverside	1.6%	1.3%	3.9%
San Bernardino	0.8%	0.5%	1.6%
Total	100%	100%	100%

Positives	# Sites	# Trees	# ACP samples
Orange County			
Anaheim	245	345	88
Garden Grove	319	498	56
La Habra	2	3	1
Fullerton	2	1	2
Santa Ana	230	322	32
Westminster	127	193	11
Yorba Linda	2	1	2
Orange	46	59	10
Tustin	11	14	3
Huntington Beach	6	6	0
Placentia	8	7	2
Fountain Valley	4	10	0
Irvine	1	0	1
Total	1003	1459	208
Los Angeles County			
Alhambra	1	1	0
San Gabriel	60	76	6
Cerritos	3	2	2
Hacienda Heights	2	2	1
La Puente	4	3	1
Lakewood	2	2	0
Norwalk	4	3	2
Pico Rivera	104	124	36
Rosemead	23	28	4
Whittier	105	129	19
Duarte	1	2	1
Temple City	1	1	1
Montebello	62	88	1
El Monte	3	2	1
Compton	1	1	0
Glendora	1	0	1
La Mirada	6	5	3
South Gate	1	0	1
Long Beach	1	0	1
Total	385	469	81
Riverside County			
Riverside	7	7	3
Corona	16	19	9
Total	23	26	12
San Bernardino County			
San Bernardino	2	1	1
Montclair	4	4	0
Ontario	2	1	1
Colton	4	4	3
Total	12	10	5
Grand Total	1423	1964	306

Table 3. Annual tally of positive trees per city

Cities	2012	2015	2016	2017	2018	2019	July 2020	Total
Anaheim				132	109	90	14	345
Garden Grove				13	348	115	22	498
La Habra				1	0	2	0	3
Fullerton				1	0	0	0	1
Santa Ana					44	168	110	322
Westminster					15	175	3	193
Yorba Linda					1	0	0	1
Orange					31	14	14	59
Tustin					5	8	1	14
Huntington Beach						6	0	6
Placentia						7	0	7
Fountain Valley							10	10
Irvine								0
Hacienda Heights	1	0	1	0	0	0	0	2
San Gabriel		10	17	33	10	6	0	76
Cerritos			1	1	0	0	0	2
Pico Rivera				67	35	18	4	124
Whittier				18	80	23	8	129
La Puente					0	3	0	3
Lakewood					1	1	0	2
Norwalk					1	0	2	3
Rosemead					17	11	0	28
Duarte					2	0	0	2
Temple City						1	0	1
Montebello						84	4	88
El Monte						1	1	2
Compton						1	0	1
Alhambra						1	0	1
La Mirada							5	5
Glendora								0
South Gate								0
Long Beach								0
Riverside				3	0	4	0	7
Corona						15	4	19
Montclair						2	2	4
San Bernardino							1	1
Ontario							1	1
Colton							4	4
Total	1	10	19	269	699	756	210	1964

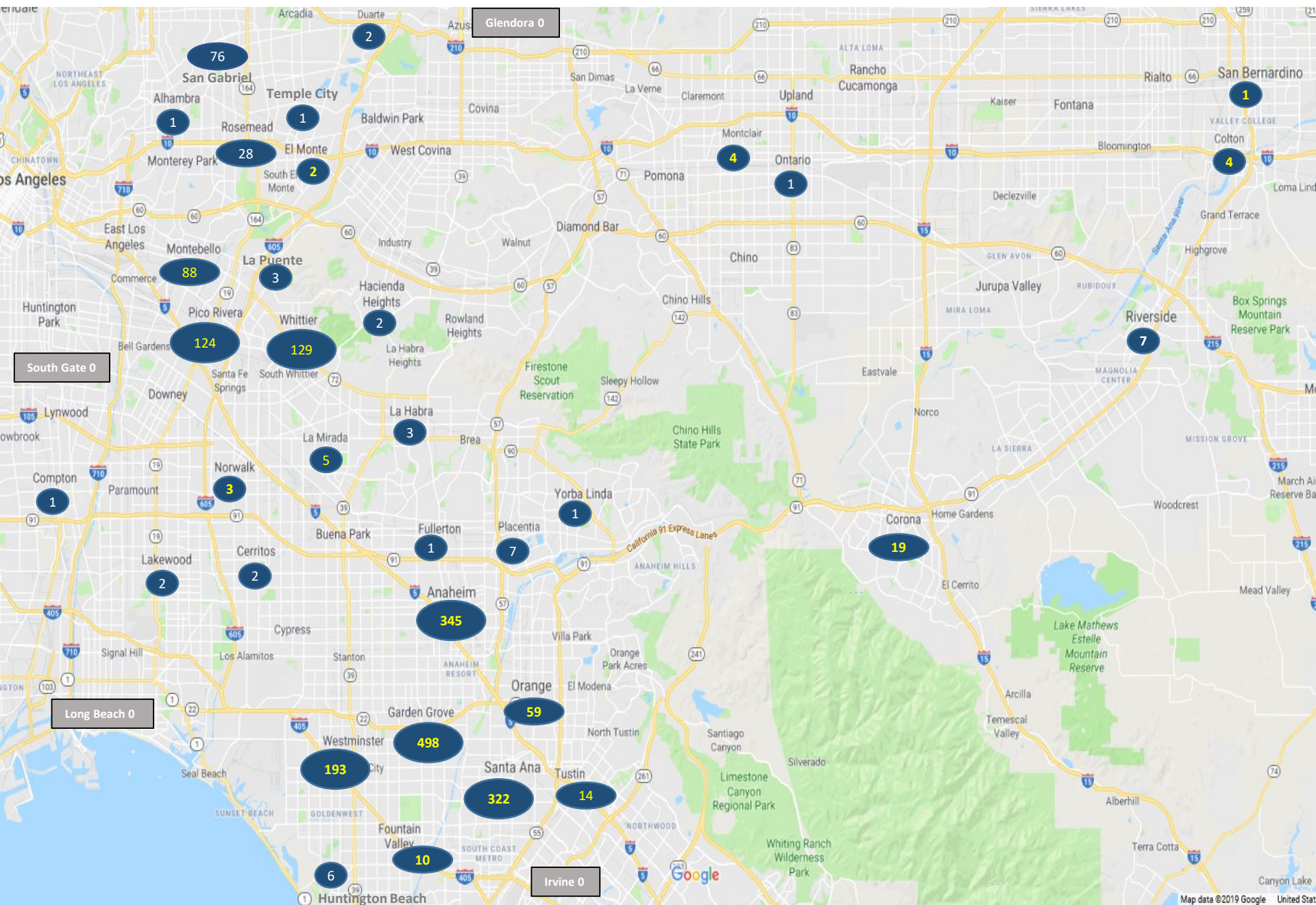
Orange

Los Angeles

Riverside

San Bernardino

Fig 3. HLB+ Trees. As of 7/27/2020, a total of **1,964 HLB+** trees have been detected and removed: **469** from Los Angeles Co, **1,459** from Orange Co, **26** from Riverside, and **10** from San Bernardino Co. Only CLas+ ACP detected in Glendora, South Gate, Long Beach and Irvine.





**HLB Detection, Delimitation, and Tree Removal Updates
Southern District
Aug 5, 2020**



HLB 400 M DELIMITATION (Active)

City	Total Number of properties	Properties Surveyed	Plant PDR	Ent. PDR	No Host	Survey Refusal/No-contacts	Number of Trees in the Area	Number of HLB Positives Trees	% Completed
Garden Grove (51 areas)	15,291	4,700	3,164	551	2,011	81/250	8,682	498	31%
Tustin (13 areas)	2,365	1,823	981	129	939	34/100	3,000	14	79%
Huntington Beach (6 areas)	1,378	411	295	12	138	4/2	640	6	30%
Santa Ana (50 areas)	11,953	3,626	2,690	406	1,241	94/355	6,933	322	30%

HLB 400 M DELIMITATION (Active)

City	Total Number of properties	Properties Surveyed	Plant PDR	Ent. PDR	No Host	Survey Refusal/No-contacts	Number of Trees in the Area	Number of HLB Positives Trees	% Completed
Montclair (5 areas)	1,050	835	610	232	312	33/0	2,308	4	80%
La Mirada (3 areas)	818	762	367	72	317	6/45	880	5	88%
Westminster (21 areas)	4,050	1,508	1,326	178	464	40/86	3,209	193	37%
Orange (27 areas)	5,866	3,808	1,988	297	1,906	59/91	5,102	59	65%
Anaheim (78 areas)	18,701	8,578	5,377	2,213	3,843	128/454	13,554	345	46%

Quadrant Samples (Find Sites , Adjacent, Inconclusives)

Year 2020	Los Angeles	Orange	Riverside	San Bernardino	San Diego	Imperial
January	63	172	92	239	192	4
February	334	236	221	509	-	-
March	29	398	190	47	-	-
April	0	178	0	0	-	-
May	12	157	0	0	-	-
June	35	108	0	0	-	-
July	33	365	371	0	-	-
TOTAL	506	1,614	874	795	192	4



HLB Positive Tree Removals (June & July)

As of July 24, 2020

County	Removed	Pending Removal	Cumulative Removed
Orange	56	23	1,427
Los Angeles	1	5	464
Riverside	0	1	25
San Bernardino	0	0	10
TOTAL	57	29	1,926



Pending Warrants

- **Orange County-** one Property in Santa Ana. Total HLB + trees = 4
- **Riverside County-** one property in Corona has one HLB Positive tree-
Received the signed warrant from the court. We are in the process of coordinating with CHP and scheduling the date of removal.
- **Los Angeles County-** one property each is Montebello, Pico Rivera, and La Mirada. Total HLB+ trees = 3

Summary of HLB Detections

- **TOTAL Properties: 1,423**
- **TOTAL +HLB Trees: 1,964**
- **TOTAL +ACP: 306**

As of July 24, 2020





HLB Border Risk Survey

County	Cycle 1-2020	Number of Sq. miles		Number of Sites Surveyed	Number of sites		Completed Sq. miles (%)
		Proposed	Completed		Ento. Samples	Plant Samples	
San Diego- (Tecate, Potrero, San Ysidro and San Diego)	Summer (June 21- Sept 3)	22	22	266	16	147	100%
Imperial- (Calexico, Holtville and Winterhaven)	Summer (June 21- Sept 3)	39	7	13	0	12	18%

HLBQ Certified Producers

CPDPC OPERATIONS SUBCOMMITTEE

8/5/2020

Goals

Minimize risk of spreading ACP/HLB on farmers market fruit

Minimize unmitigated harvested fruit (gunny sackers)

Enable regulatory staff to enforce requirements

Mitigations Requirements for HLBO

COMMERCIAL GROWERS

- Single mitigation for intra-quarantine movement
- Dual mitigation for movement out
- Move to packinghouse/processor

CP / FRUIT SELLERS

- Remove all stems and leaves prior to arrival at the market
- Completely safeguard in transit
- Maintain a copy of the compliance agreement and CPC
- Provide monthly email notification to CDFA of markets to be visited

Enforcement

Establish and maintain regulatory presence

- Prioritize fruit originating in HLBO

CDFA staff

- Continue conducting weekly market inspections within the HLBO
- Create and maintain a list of potential market locations
- Supplement CAC staff in ACPQ statewide

CAC staff

- Under cooperative agreement, inspect CFMs statewide

Proposed CP Mitigation

ADVANTAGES

- Smaller quantity of fruit
- Zero stems/leaves minimizes pest the risk
- Email notification enables regulatory oversight
- Feasible enforcement (CAC agree)

DISADVANTAGES

- Single mitigation for fruit moving out of the HLBQ

Discussion

Presented by: Keith Okasaki

Email contact: Keith.Okasaki@cdfa.ca.gov

Bulk Citru Fruit Moved Between Zones

July 1, 2020 - June 30, 2020

Origin County		Grate Cleaned / Field Cleaned Bins Moved To				Spray and Harvest Bins Moved To				Total
		Zone 2	Zone 4	Zone 5	Zone 6	Zone 2	Zone 4	Zone 5	Zone 6	
Zone 2	Fresno	-	0	3,715	730	-	5,481	0	0	9,926
	Kern	-	0	1,273	4,928	-	14,882	1,550	0	22,633
	Kings	-	0	0	344	-	0	0	0	344
	Tulare	-	0	8,498	0	-	78,893	2,784	0	90,175
	Zone 2 Totals	0	0	13,486	6,002	0	99,256	4,334	0	123,078
Zone 3	Monterey	1,600	27,952	0	0	18,112	0	0	0	47,664
	San Luis Obispo	2,166	312	0	0	13,210	7,140	0	0	22,828
	Zone 3 Totals	3,766	28,264	0	0	31,322	7,140	0	0	70,492
Zone 4	Santa Barbara	9,031	-	384	0	2,498	-	7,156	0	19,069
	Ventura	107,956	-	38,472	482	39,989	-	9,284	240	196,423
	Zone 4 Totals	116,987	0	38,856	482	42,487	0	16,440	240	215,492
Zone 5	Imperial	2,422	0	-	0	1,008	32,057	-	0	35,487
	Riverside	33,944	2,594	-	16,909	18,321	36,464	-	1,248	109,480
	San Bernardino	1,417	0	-	0	0	4,553	-	1,024	6,994
	San Diego	1,075	146	-	3,550	4,145	2,780	-	624	12,320
	Zone 5 Totals	38,858	2,740	0	20,459	23,474	75,854	0	2,896	164,281
Zone 6	Orange	0	0	0	0	4,404	12,113	480	0	16,997
	Riverside	196	138	72	0	196	0	72	1,388	2,062
	Zone 6 Totals	196	138	72	0	4,600	12,113	552	1,388	19,059
Grand Totals		159,807	31,142	52,414	26,943	101,883	194,363	21,326	4,524	592,402
		Field Cleaned: 270,306 45.63%				Spray and Harvest: 322,096 54.37%				

CPDPD Business Process Timelines

Paul Figueroa- SES Riverside/San Bernardino

General Timeline Delimitation

- Inconclusive site sampled(Day 1)
- Site confirmed(2-3 weeks)

Field Staff

- Treat Find And Adjacent Properties
 - Within 1-3 days site confirmed
- Schedule Removal
 - 3-7 days site confirmed
- Field staff receives block folders
3-5 days from site confirmed

Citrus HQ

- Time to get field staff block maps
 - 3-5 days from site confirmed
- Time to get NOT/PEP
 - signed by the secretary 2-4 weeks after confirmed
- Time Schedule Town Meeting:
 - 4-7 weeks after confirmed

General Timeline Delimitation

Pre - COVID

- Survey staff begins collecting samples within boundaries
 - 3-5 days after site confirmed
- In person Town Meeting
- Schedule properties for treatment
 - 1-3 Days after town meeting

During - COVID

- Virtual Town Meeting
- Schedule properties to make appointment
 - (within 3-5 days)
 - Treatment and Survey occur concurrently
- Second notice
 - (3 Weeks from 1st notice)
 - Treatment and Survey occur concurrently

General Timeline

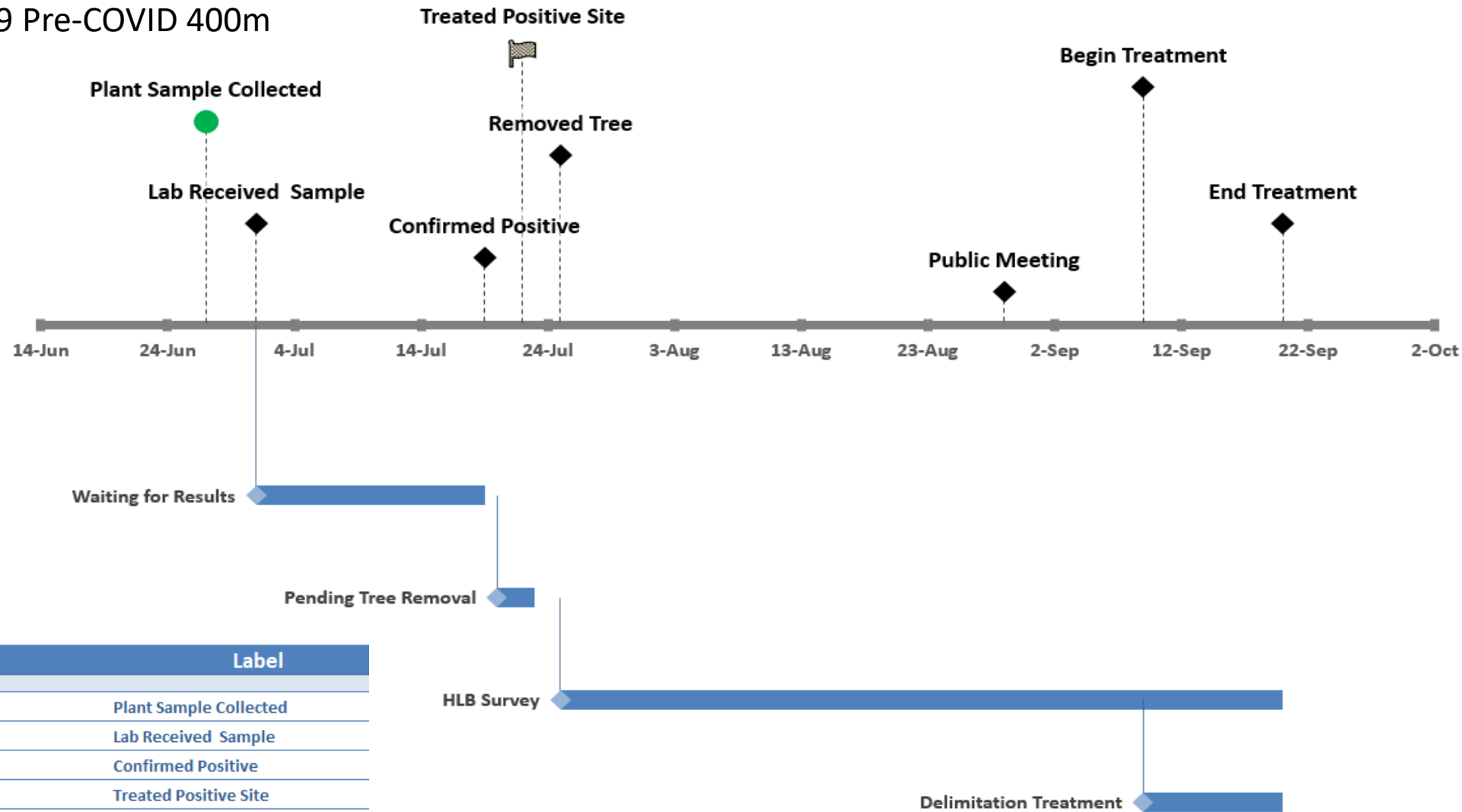
- How long an area will take depends heavily on how many properties are within the boundary

$$\text{General Treatment Timeline} = \frac{\text{Total Number of Properties in area}}{(\text{25-30 properties treated}) \times (\text{Number of Staff per day})}$$

$$\text{Example Treatment Timeline} = \frac{1550^* \text{ properties total}}{(\text{25-30 properties treated}) \times (\text{4 Staff per day})} \approx 15 \text{ days (working 4 – 10 hour days)}$$

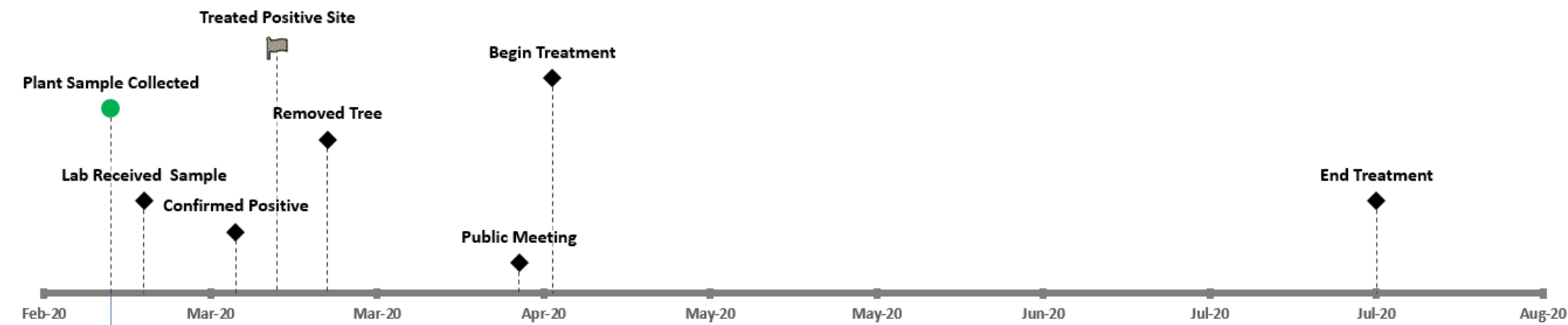
*Average number of parcels in a 250m buffer OC and LA county

LA Puente 4 – 2019 Pre-COVID 400m



Date	Label
27-Jun	Plant Sample Collected
1-Jul	Lab Received Sample
19-Jul	Confirmed Positive
22-Jul	Treated Positive Site
25-Jul	Removed Tree
29-Aug	Public Meeting
9-Sep	Begin Treatment
20-Sep	End Treatment

San Bernardino – 2020 – COVID 400m



Waiting for Results

Pending Tree Removal

HLB Survey

1st Treatment Notice

2nd Treatment Notice

Date	Label
2/27/2020	Plant Sample Collected
3/2/2020	Lab Received Sample
3/13/2020	Confirmed Positive
3/18/2020	Treated Positive Site
3/24/2020	Removed Tree
4/16/2020	Public Meeting
4/20/2020	Begin Treatment
7/28/2020	End Treatment

Area Wide Buffer Treatments

Timing for Area-Wide Buffer Treatment of Residential Citrus												
	Winter Tempo*						Summer/fall Merit-Tempo					
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Santa Barbara	Yes	Yes	Yes						Yes	Yes	Yes	Western Santa Barbara- Carpenteria/Montecito don't reach 90%
Ventura	Yes	Yes	Yes						Yes	Yes	Yes	Zones change almost every round
Riverside - city area/hemet	Yes	Yes	Yes					Yes	Yes	Yes	Yes	
Riverside - Coachella	Yes	Yes	Yes							skip**	skip**	Too hot in Coachella to start in August. (Treatment in Coachella, Hemet, UCR only)
San Bernardino	Yes	Yes	Yes					Yes	Yes	Yes		zone change every round
San Diego	Yes	Yes	Yes						Yes	Yes		Treatment in San Pasqual, Borrego, and border
San Diego - Borrego	Yes	Yes	Yes							skip**	skip**	
Imperial	Yes	Yes	Yes							skip**	skip**	Grove area wide can be completed in September but border will continue into October.
*The December-Feb treatment is more important than the summer/fall Merit-Tempo treatment almost all of the time.												
**Imperial, Coachella and Borrego are so hot that the fall treatment isn't necessary. Winter treatment is the critical one.												

Area Wide Buffer Treatments

- OCT 15th/June 15th : Deadline for psyllid collection/identification
- OCT 31st/July 30th : Signed by Secretary
- OCT 31st/July 30th : Begin town meetings
- Begin Treatment: August(Fall/Summer Cycle)/January (Winter Cycle)*
- End Treatment: OCT 31st (Summer/Fall Cycle/March 31st (Winter Cycle)

Buffer Treatment Working Plan

Summer/Fall 2020

Staff available and current treatment areas to be treated concurrently

Dedicated Staff

- LA – 15
- OC – 6
- SBRD/RIV - 8
- SD - 5

Buffer Treatments Areas

- Ventura
- Santa Barbara
- San Bernardino - 5,6,10
- Riverside-UCR, Hemet
- San Diego – San Pasqual, Tecate, San Ysidro

HLB Delimitations

- Lakewood
- Whittier
- Santa Ana
- La Mirada
- Pico Rivera
- EL Monte
- Anaheim
- Garden Grove
- Tustin
- Fullerton
- Yorba Linda
- Riverside

Southern California CDFA Treatment

Summer 2019

Area/zone	Start	End
Santa Barbara	8/5/2019	9/15/2019
Ventura	8/5/2019	10/31/2019
Hemet	9/23/2019	10/31/2019
UCR	8/5/2019	8/22/2019
SBD 5	8/21/2019	10/24/2019
SBD 10	8/13/2019	9/3/2019
San Ysidro	10/21/2019	11/19/2019
Tecate	10/21/2019	10/21/2019
San Pasqual	8/21/2019	8/21/2019

- Due to staggered start times(imidacloprid conflict)/COVID/Short Staffing will have to be creative

Current Working Plan

ALL AW

- Skip properties that were show to not have host in 2019
 - Will verify all properties in Winter 2021 cycle

Ventura/Santa Barbara Counties

- LA treatment staff will be routed to Ventura and Santa Barbara
 - Town meeting scheduled 7/28/2020
- Treatments to begin 8/5/2020-8/10/2020
 - Pending how many vendor trucks are available

Orange County

- Will cover LA and OC delimitation
- Number of staff will be reduced in each delimitation
- Once LA finishes in Ventura co. LA will move staff back to delimitation

San Bernardino/Riverside Counties

- Depending on Town meeting timing
 - Begin in UCR buffer
 - Split staff to San Bernardino 6, 10, 5
 - Last move people to Hemet buffer

Current working Plan

San Diego

- Staff will start in San Pasqual Aug 24 (1 -3 days)
- Tecate (1-3 Days)
- San Ysidro Begin Mid October
 - All staff finishing in Riverside/San Bernardino will drive daily to help out once finished w/ AW
 - All OC staff will drive daily to SD to help out once LA is finished with Ventura
 - LA staff will take over OC/LA HLB Delims

Current Working Plan

Pro

- May be able to get everything treated by deadline, if not will finish after deadline

Con

- Imidacloprid limitations
- longer daily driving distance
- HLB Areas will have very small crew presence

Possible remedies

Skip imidacloprid to reset for next year

- Will make it treatments go faster and can complete within Beth's time frame.
- Will get everything on a set schedule

Streamline suggestions

Delimitation-1 (Trial occurred - OC)

Staff will lead vendor and collect sample same time.

Pros:

- Less treatment staff in area
- Staff able to complete at one time
- Frees up staff to work on other delimitation

Cons:

- Takes more time per property
 - Normal: 25-30 properties daily(treatment)
 - Suggestion-1: 12-15 properties
- High samples submitted to lab
 - May cause back log

Streamline suggestions

Delimitation-2 (Trial RIV Delim 2020)

- Survey staff will conduct a more intensive survey
 - Map each property and location of each tree on the property
 - Collect treatment data
- After town meeting
 - Vendor will treat properties that have been 100% sampled
 - Survey will complete the rest of survey and once a property is complete will give vendor info to complete treatment

Pros:

- Less treatment staff needed after town meeting
- More intensive data
- Vendors can apply without waiting for State
- Know amount of Merit 2F(Imidacloprid) needed
- Can collect samples before town meeting

Cons:

- More Survey staff needed
- Tempo SC Ultra(Cyfluthrin) will not be a known amount
- Less oversight on vendors to ensure proper application at each property

Streamline suggestions

Area Wide Buffer - 1

- Treatment staff will collect more intensive data
 - Map each property and location of each tree on the property
 - Collect treatment data
 - Tag and label each tree
- Treatment leads will accompany vendors during imidacloprid cycle only
 - One lead will assigned to each area to oversee multiple vendors

Pros:

- Less treatment staff needed
- Vendor can treat without needing lead

Cons:

- Less oversight to ensure proper application during one cycle

Streamline suggestions

Area Wide Buffer - 2

- Treatment staff will collect more intensive data
 - Map each property and location of each tree on the property
 - Collect treatment data
 - Tag and label each tree
- Treatment leads will accompany vendors during imidacloprid cycle only
 - One lead will assigned to each area to oversee multiple vendors

Pros:

- Less treatment staff needed
- Vendor can treat without needing lead
- Staff verify each property and amount of product needed

Cons:

- Less oversight to ensure proper application during one cycle
- Time consuming



HLB Treatment Updates- Southern District

Aug 5, 2020



HLB Delimitation Treatment Areas

HLB AREA	TREATMENT DATES	TOTAL PROPERTIES	PROPERTIES TREATED	REFUSALS/ NO CONTACT	PERCENT COMPLETE	COMMENTS
Santa Ana (37, 38)	3/3 – 7/15	580	261	4/0	84%	Residents schedule the appointment after receiving the first notice. If we didn't receive any call for 2-3 weeks, then we schedule the treatment date using the second notice.
Tustin 10	7/7- 7/23	183	17	2/0	17%	
Anaheim (71-73, 75, 76)	3/17 - 7/23	359	177	3/0	78%	
Orange (21-23 & 26)	3/17 - 7/16	447	56	4/0	25%	
Garden Grove (43,46,47)	3/24 - 7/15	738	393	18/0	84%	



HLB Delimitation Treatment Areas

HLB AREA	TREATMENT DATES	TOTAL PROPERTIES	PROPERTIES TREATED	REFUSALS/ NO CONTACT	PERCENT COMPLETE	COMMENTS
Corona 5	4/27 – 6/25	311	109	3/72	100%	Residents schedule the appointment after receiving the first notice. If we didn't receive any call for 2-3 weeks, then we schedule the treatment date using the second notice.
San Bernardino 1	2/15 – 7/20	858	389	4/95	100%	
Montclair (2-5)	4/20 – 7/13	616	245	13/145	100%	
La Mirada (1-3)	5/11 - 7/20	685	357	25/3	97%	
Norwalk 4	5/19 – 7/20	672	316	12/0	76%	



Public Meetings

Orange County July 29, 2020	Ventura County July 28, 2020
Santa Ana, North Tustin, Orange, Tustin, and Anaheim	Areawide Buffer Treatment for Fall 2020
Retreatment areas in Fullerton and Yorba Linda	
This is the first batch of 250 meters delimitation areas.	
Due to COVID-19, all public meetings are being held via webinars only.	



Areawide Buffer Treatments - Summer/Fall Cycle 2020

Anticipated Treatment Time

- San Diego- San Pasqual- **End August**
- San Diego Border- Two mile border buffer along Tecate and San Ysidro- **Mid October**
- Riverside- UCR and Hemet – **Third week of August**
- San Bernardino- SBD 5, 6, & 10- **Third week of August**
- Ventura- **Second week of August**
- Santa Barbara- **First week of September**



Central District Operations Update

August 5, 2020

Central District Operations Update

- Trapping
 - Traps serviced by CDFA staff

County	Month	Deployed	Serviced
Fresno	July	780	352
Madera	July	517	517
San Luis Obispo	June	-59 (removed 6/3)	



County	Co. Ag Office Detection	Co. Ag Office Delim	CDFA Detection	CDFA Delim	Grove (serviced)	GWSS in Citrus	Area Wide	Total ACP Traps
Fresno	3039	76	781	0	1994	437	0	6327
Inyo	0	0	0	0	0	0	0	0
Kern	3889	145	0	53	2290	1047	0	7424
Kings	360	0	0	0	41	1	0	402
Madera	0	0	521	0	374	256	0	1151
Mariposa	0	0	0	0	0	0	0	0
Merced	619	0	0	0	0	0	0	619
Mono	0	0	0	0	0	0	0	0
Monterey	339	96	0	0	97	0	0	532
San Benito	410	0	0	0	0	0	0	410
San Luis Obispo	1592	271	0	0	220	0	0	2083
Santa Barbara	0	0	0	0	0	0	34	34
Tulare	3872	169	0	0	4812	3181	0	12034
Ventura	0	0	0	0	0	0	161	161
						Total Traps		31177



Central District Operations Update

- Current Delimitations
 - Strathmore (Tulare Co)- County is servicing the 169 delim traps
 - Monthly servicing starts in August
 - No additional finds
 - Arvin (Kern Co)- CDFA is servicing the 53 delim traps
 - Monthly servicing starts in August
 - No additional finds



Central District Operations Update

- Treatment
 - Area Wide treatment- Ventura
 - Preparing for treatment to begin in August on or near 8/3
 - Public Meeting held on 7/28

Data Department Update

Rick Dunn

CRB Director of Data and Information Management

8/5/2020

Data Management Department Activity,

August 5, 2020

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. Ventura county is in progress. Researching modern handheld hardware and software options to replace the NOMAD data collection system.
- 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.