2025 Invasive Fruit Fly
Annual Accomplishment Report
FAIN: AP25PPQFO000C448

Year:	2025
State:	California
Cooperative Agreement Name:	Invasive Fruit Fly
FAIN:	**AP25PPQFO000C448**
Project Funding Period:	January 1, 2025 – December 31, 2025
Project Report:	**Survey Report**
Project Document Date:	January 1, 2025– December 31, 2025
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Quarterly Report	☐
Semi-Annual Accomplishment Report	☐
Final Accomplishment Report	☒

A. Purpose

California is susceptible to the introduction of invasive species due to factors such as weather, host availability, pathways of introduction, and past introductions. Additionally, there are increased risks associated with the number of international travelers and the amount of cargo entering the state. California's moderate, Mediterranean climate, coupled with the state's fertile soil and diverse land resources, allows year-round production of many commodities. A great number of crops in California would be threatened by the introduction of invasive pests.

Tephritid fruit flies are among the most destructive and well-publicized pests of fruits and vegetables around the world. The genera *Anastrepha, Bactrocera, Ceratitis* and *Zeugodacus* pose the greatest risk to agriculture. These genera have worldwide notoriety for their destructive impact on the fruits and vegetables that they attack, many of which are specialty crops. These fruit flies are serious pests in countries in which they are established, attacking over 400 hosts. The damage is caused when the adult female deposits eggs in the fruit. The larvae that hatch from the eggs tunnel their way through the flesh of the fruit making it unfit for human consumption.

In California, there are no natural enemies to keep invasive fruit flies (IFF) under control. These fruit flies are 'A' rated[1] pests and as such the California Department of Food and Agriculture (CDFA) is mandated to take eradication action. Food and Agriculture Code, Sections 24.5, 403, 5006, 5301, 5322 and 5721 direct the Department to "protect California from the damage caused by the introduction or spread of harmful plant pests."

Through the early detection of invasive fruit flies, the Pest Detection and Emergency Projects (PD/EP) Branch increases the potential that these pests, if introduced, can be successfully eradicated. Moreover, early detection of IFF and rapid response to detections minimizes the size and scope of eradication projects and reduces emergency response activity costs. The detection system is designed to find insect pests before they infest one square mile. This approach also reduces the impact on the public and natural resources by avoiding large area treatment programs.

The eradication of IFF protects the state's commercial and backyard production of a wide variety of fruits and vegetables. Immediate eradication of these fruit flies will eliminate the need for the additional use of pesticides in the environment due to a permanent, statewide presence of these fruit flies. The 2024 gross production

[1] An organism of known economic importance subject to state enforced action involving eradications, quarantine regulation, containment, rejection or other holding actions.

value of California commodities that would be potentially impacted by IFF alone, represents a $25.82 billion dollar industry. This is a significant portion of California's $61.2 billion dollar total crop cash receipts for 2024.The permanent establishment of invasive fruit flies in California would not only result in costly crop losses but also increased pesticide use and detrimental quarantine requirements directed against California host commodities by the United States Department of Agriculture (USDA) and our international trade partners.

The PD/EP branch's role in the CDFA's pest prevention system is to detect invasive insects as soon as possible after their introduction into the state. The branch operates a statewide invasive fruit fly detection trapping program to achieve this goal.

B. Activities

1. Survey methodology (trapping protocol):

The statewide detection trapping program encompasses 47 counties in California. The PD/EP Branch oversees the trapping in ten counties and maintains trapping contracts with 37 county departments of agriculture (Table 1).

Table 1. Counties with Invasive Fruit Fly Traps

Number of Counties:	**47**
Counties:	Alameda, Amador, Butte, Calaveras, Colusa, Contra Costa, El Dorado, Fresno, Glenn, Imperial, Kern, Kings, Lake, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Monterey, Napa, Nevada, Orange, Placer, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Solano, Sonoma, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Ventura, Yolo, Yuba

The statewide pest detection trapping program is outlined in the CDFA's Insect Trapping Guide (www.cdfa.ca.gov/go/ITG). The Insect Trapping Guide (ITG) details the trapping seasons and the statewide trap densities for the pests listed in Table 2. Trapping guidelines including the protocols for placement, inspection and maintenance of the traps and lures are included. The ITG also contains pictures of the target pests and lists of their preferred hosts to aid trap placement.

The PD/EP Branch's Environmental Scientists (district entomologists) provided training to each county prior to the start of the trapping season. The training covered trap assembly and placement, survey techniques, insect identification and

sample submission procedures. To ensure that the trapping programs are biologically sound and follow the ITG protocols, quality control (QC) inspections are conducted by the Environmental Scientists. During these QC inspections, the Environmental Scientists review trap placement, host selection, servicing schedule, record keeping and trappers' ability to identify target insects. In 2025, all but six county and state trapping programs were inspected for adherence to approved protocols. As part of these inspections 991 marked IFF specimens were planted in the traps to see if inspectors would correctly detect and recover the specimens. A total of 94% percent of the marked specimens were successfully recovered by inspectors. No county audits were conducted during the agreement period.

2. Survey dates:

January - December- Conducted survey site selection, made initial contacts to arrange for survey activities; trained permanent personnel; obtained supplies needed for field activities; solicited and evaluated prospective seasonal employees, hired and provided training to seasonal personnel. Deployed traps statewide and serviced traps. Serviced traps weekly to monthly, depending on trap type and region. Processed samples, curated specimens and completed identifications. Wrote reports, cleaned and repaired equipment, laid off seasonal personnel as appropriate by region.

The information in this report includes January 1 – December 31, 2025. Different regions of the state are trapped during all or part of the year depending on regional ecosystems, suitable habitat, and host availability.

Table 2. Common and Scientific Names of Targeted Invasive Fruit Flies

Common Name	Scientific Name
Mediterranean fruit fly	*Ceratitis capitata*
Mexican fruit fly, Sapote fruit fly, Caribbean fruit fly, etc.	*Anastrepha* spp.
Oriental fruit fly, Guava fruit fly, Peach fruit fly, Queensland fruit fly, etc.	*Bactrocera* spp.
Melon fly, Tau fly	*Zeugodacus* spp.

Table 3. Invasive fruit fly traps deployed[2]

Trap Type	Jackson	Jackson	Jackson	McPhail	ChamP
Lure	Trimedlure	Methyl Eugenol	Cuelure	Torula Yeast	Ammonium bicarbonate
Target Pest	Mediterranean fruit fly	Oriental, guava, peach fruit flies	Melon, Tau, Queensland fruit flies	Mexican, Sapote, Caribbean, Mediterranean fruit flies and other Invasive fruit flies	Mediterranean and other invasive fruit flies
Number of Traps Deployed	26,737	31,340	20,444	20,932	3,817

Table 4. Invasive fruit fly trap statistics

Targeted Pests	Number of Flies Trapped
Mediterranean FF	97
Mexican FF	0
Sapote FF	0
Caribbean FF	4
Oriental FF	52
Guava FF	6
Peach FF	9
Melon Fly	0
Tau Fly	1
Queensland FF	0

3. Benefits and results of survey:

From January 1, 2025, through December 31, 2025, a total of 169 invasive fruit fly adults representing six species were trapped in twelve California counties. These detections triggered 39 delimitation (trapping only) projects, with an additional 13 projects expanding to eradication. Of these projects, three new quarantines were established. A total of 15 projects initiated in 2024 continued into 2025 including two quarantine projects (Table 5). Thirty-eight delimitation projects and two quarantine projects were successfully completed during the reporting period.

[2] Trap placement is ongoing with the trap count fluctuating daily. The table represents a snapshot in time.

The Oriental fruit fly (OFF) quarantine in the Garden Grove/Santa Ana area of Orange County encompassed 88 square miles. The last OFF was detected on October 29, 2024, and the quarantine was successfully completed on June 8, 2025.

The Oriental fruit fly (OFF) quarantine in the Jurupa Valley/Ontario area of Riverside and San Bernardino counties encompasses 131 square miles. The last OFF was detected on September 17, 2025, and the quarantine is projected to end March 21, 2026.

The Mediterranean fruit fly (Medfly) quarantine in the Fremont area of Alameda County encompassed 213 square miles. The last Medfly detection was on January 27, 2025, and the quarantine was successfully completed on July 31, 2025.

The Medfly quarantine in the San Jose area of Santa Clara County encompasses 241 square miles and is currently ongoing. The last Medfly detection was on December 17, 2025, which extended the quarantine and is now projected to end on July 10, 2026.

The Caribbean fruit fly (CFF) quarantine in the Los Angeles area of Los Angeles County encompasses 75 square miles and is currently ongoing. The last CFF adult detection was on September 29, 2025, which extended the quarantine which is now projected to end on May 25, 2026.

Project end dates described above were determined by fruit fly lifecycle projections which are regularly generated.

Table 5. Invasive fruit flies detected and project status as of December 31, 2025. The gray shading denotes that the project has ended.

Pest County - City	Detection Date(s)	Detections	DNA	Project Status	PDR
Caribbean Fruit Fly ***Anastrepha suspensa***					
Los Angeles – Los Angeles Los Angeles – Los Angeles Los Angeles – Los Angeles Los Angeles – Los Angeles Los Angeles – Los Angeles	09/19/25 09/27/25 09/29/25 09/29/25 09/30/25	3 females (unmated), 1 male, 1 larva (1 site)	N/A	Quarantine ongoing 75 sq miles	CE2P06506334 CE2P06506335 CE2P06506336 CE2P06506337 LH0P50020264
Orange – Santa Ana	08/19/24	1 female (unmated)	N/A	Delimitation completed 01/28/25	AH0P06298621
Guava Fruit Fly ***Bactrocera correcta***					

Los Angeles – Granada Hills	08/12/25	1 male	BcT036	Delimitation completed 10/30/25	LH0P50020261
Riverside – Corona	08/04/25	1 male	BcT035	Delimitation completed 10/13/25	RS0P70005307
San Diego – Escondido	07/02/25	1 male	BcT002	Delimitation completed 09/09/25	SM0P06202144
Santa Clara – San Jose Santa Clara – San Jose	07/21/25 07/22/25	3 males	N/A	Delimitation ongoing	SJ0P06743182 SJ0P06743183
Oriental Fruit Fly Group *Bactrocera dorsalis* group					
Alameda – Fremont Alameda – Fremont	08/05/25 08/28/25	2 males	C3pX315 C3pX-BDC26	Delimitation ongoing	010P06809618 010P06809622
Alameda – Oakland	08/11/25	1 male	C3pX356	Delimitation ongoing	010P06809619
Contra Costa – Pleasant Hill	06/13/25	1 male	C3pX444	Delimitation completed 09/12/25	070P50001325
Contra Costa – San Ramon	06/10/25	1 male	C3p02	Delimitation completed 09/09/25	070P50001821
Los Angeles – Hacienda Heights	11/13/25	1 male	C3p01	Delimitation ongoing	CE2P50070682
Los Angeles – Inglewood	08/21/25	1 male	C3pX345	Delimitation completed 12/05/25	CE2P06506326
Los Angeles – La Cañada Flintridge	06/17/25	1 male	C3pX352	Delimitation completed 09/03/25	CE2P06848301
Los Angeles – Long Beach Los Angeles – Long Beach Los Angeles – Long Beach	08/11/25 08/18/25 08/26/25	3 males	C3pX345 C3p02 C3pX382	Delimitation ongoing	CE2P06506323 CE2P06506325 CE2P06506330
Los Angeles – Long Beach	09/05/25	1 male	C3pX322	Delimitation ongoing	CE2P06506332
Los Angeles – Los Angeles	10/16/25	1 male	C3pMS086	Delimitation ongoing	CE2P50070681
Los Angeles – Maywood	05/13/25	1 male	C3pX443	Delimitation completed 08/10/25	CE2P06848299
Los Angeles – Monterey Park Los Angeles - Alhambra	06/10/25 06/24/25	2 males	C3pX322 C3pX345	Delimitation completed 10/15/25	CE2P06848300 CE2P06848303
Los Angeles – Pasadena	01/22/25	1 female (unmated)	C3p02	Delimitation completed 06/15/25	190P06626437

Los Angeles – San Dimas	10/30/24	1 male	C3p01	Delimitation completed 05/06/25	CE2P06848298
Los Angeles – South El Monte Los Angeles – El Monte	06/20/25 06/30/25	2 males	C3pX445 C3pX445	Delimitation completed 10/22/25	CE2P06848302 CE2P06506318
Los Angeles – West Hills Los Angeles – West Hills	07/30/25 08/12/25	1 female (unmated), 1 male	C3pX-BDC25 C3pX-BDC25	Delimitation ongoing	CE2P06506321 CE2P06506324
Los Angeles – Wilmington Los Angeles – Wilmington	08/05/25 09/08/25	2 males	C3pMS492 C3p01	Delimitation ongoing	CE2P06506322 CE2P06506333
Orange – Buena Park	08/05/25	1 male	C3pMS474	Delimitation completed 11/03/25	AH0P50000105
Orange – Fullerton	07/09/25	1 male	C3p01	Delimitation completed 09/24/25	AH0P50000042
Orange – Garden Grove Orange – Santa Ana Orange – Garden Grove Orange – Santa Ana Orange – Santa Ana Orange – Santa Ana Orange – Santa Ana	10/22/24 10/23/24 10/24/24 10/24/24 10/25/24 10/28/24 10/29/24	8 males	C3pX441 C3pI160 C3pX441 C3pI160 C3pI160 C3pI160 C3pI160	2024 Quarantine completed 06/08/25 88 square miles	AH0P06298531 AH0P06298532 AH0P06298533 AH0P06298534 AH0P06298535 AH0P06298536 AH0P06298537
Orange – Irvine Orange – Santa Ana	10/09/24 10/22/24	1 male, 1 female (unmated)	C3pX438 C3pI009	Delimitation completed 06/25/25	AH0P06298547 AH0P06298530
Orange – Irvine	09/29/25	1 male	C3pX449	Delimitation ongoing	AH0P50000109
Orange – La Habra	06/02/25	1 male	C3pI040	Delimitation completed 08/25/25	AH0P50000102
Orange – Orange	9/12/24	1 male	C3p01	Delimitation completed 01/22/25	AH0P06298527
Orange – Santa Ana	06/03/25	1 male	C3pI040	Delimitation completed 08/26/25	AH0P50000101
Orange – Santa Ana	10/28/25	1 male	C3p01	Delimitation ongoing	AH0P50000110
Orange – Villa Park Orange – Orange	06/25/25 07/17/25	2 males	C3p02 C3pX-BDC24	Delimitation completed 11/26/25	AH0P50000103 AH0P50000104
Orange – Yorba Linda	06/04/25	1 male	C3pX339	Delimitation completed 08/27/25	AH0P50000121
Riverside – Jurupa Valley	11/12/24	2 males	C3p01	Delimitation completed 06/19/25	RS0P70005302

Riverside – Riverside Riverside – Jurupa Valley	11/12/24 11/20/24	2 males	C3p01 C3p02	Delimitation completed 06/23/25	RS0P70005301 RS0P70005303
Riverside – Jurupa Valley	11/13/25	1 male	C3p01	Delimitation ongoing	RS0P70005383
San Bernardino – Ontario Riverside – Jurupa Valley San Bernardino – Ontario Riverside – Jurupa Valley Riverside – Jurupa Valley	08/19/25 08/25/25 09/08/25 09/10/25 09/17/25	7 males	C3p01 C3p01 C3p01 C3p02 C3p01 C3p01 C3p01	Quarantine ongoing 131 sq miles	AH0P50000124 RS0P50040681 AH0P50000108 RS0P70005308 RS0P70005309
San Bernardino – Fontana	05/27/25	1 male	C3pI073	Delimitation completed 08/11/25	RS0P70005305
San Bernardino – Highland	09/10/25	1 male	C3pMS127	Delimitation ongoing	RS0P70005382
San Diego – San Diego	09/26/24	1 male	C3pX440	Delimitation completed 02/22/25	SDAP50006265
San Diego – San Diego	08/28/25	1 male	C3pX446	Delimitation completed 12/24/25	SDAP50016482
San Diego – Vista	09/26/25	1 male	C3p01	Delimitation ongoing	SDAP50016061
Santa Barbara – Santa Barbara	09/15/25	1 male	C3pX447	Delimitation ongoing	LM0P50000507
Santa Clara – Gilroy	10/17/24	1 male	C3pX324	Delimitation completed 05/31/25	SJ0P06501722
Santa Clara – Gilroy	11/05/25	1 male	N/A	Delimitation ongoing	SJ0P06743250
Santa Clara – Milpitas Santa Clara – Milpitas	10/13/25 10/29/25	2 males	C3pX450 N/A	Delimitation ongoing	SJ0P06501727 SJ0P06743229
Santa Clara – Mountain View	09/04/25	1 male	C3pX324	Delimitation ongoing	SJ0P06743188
Santa Clara – San Jose	05/21/25	1 male	C3pX311	Delimitation completed 09/01/25	SJ0P06501723
Santa Clara – San Jose	06/18/25	1 male	C3pMS592	Delimitation completed 09/18/25	SJ0P06501724
Sonoma – Sonoma	08/06/24	1 male	C3pX437	Delimitation completed 02/28/25	490P50001228
Ventura – Simi Valley	09/22/25	1 male	C3pX448	Delimitation ongoing	CR0P06226124

Peach Fruit Fly ***Bactrocera zonata***					
Fresno – Fresno	08/22/25	1 male	N/A	Delimitation ongoing	100P50007689
Los Angeles – Los Angeles	08/22/24	1 male	N/A	Delimitation completed 02/11/25	CE2P06848297
Los Angeles – Culver City Los Angeles – Los Angeles Los Angeles – Beverly Hills	07/30/25 08/21/25 08/26/25	3 males	N/A	Delimitation ongoing	CE2P06506320 CE2P06506327 CE2P06506328
Los Angeles – Los Angeles	08/26/25	1 male	N/A	Delimitation completed 12/05/25	CE2P06506329
Orange – Irvine	08/06/25	1 male	N/A	Delimitation completed 11/30/25	AH0P50000106
Orange – Mission Viejo	09/18/24	1 male	N/A	Delimitation completed 05/02/25	AH0P06298529
Placer – Lincoln	05/29/25	1 male	N/A	Delimitation completed 08/18/25	310P06929693
San Bernardino – Colton	05/27/25	1 male	N/A	Delimitation completed 08/17/25	RS0P70005306
Ventura – Ventura	07/29/25	1 male	N/A	Delimitation ongoing	CR0P06226123
Mediterranean Fruit Fly ***Ceratitis capitata***					
Alameda – Fremont Alameda – Fremont	08/28/24 09/03/24 09/04/24 09/05/24 09/30/24 09/30/24 10/03/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/07/24 10/09/24 10/14/24 10/14/24 10/14/24	<u>2024 Totals</u> 17 males, 35 females (mated), 17 females (unmated), 2 females (mating status indeterminate), 16 larvae (3 sites)	AAAB AAAB N/A N/A N/A N/A N/A N/A AAAB AAAB N/A AAAB N/A AAAB N/A N/A N/A N/A N/A N/A AAAB AAAB N/A N/A N/A	2024 Quarantine completed 07/31/25 213 sq miles	010P06809553 SJ0P06743173 SJ0P06743174 SJ0P06743175 AM0P50055531 AM0P50055532 AM0P50055534 AM0P50055535 AM0P50055536 AM0P50055537 AM0P50055543 AM0P50055544 AM0P50055545 AM0P50055546 AM0P50055547 AM0P50055548 AM0P50055549 AM0P50055550 AM0P50055551 AM0P50055552 AM0P50055553 AM0P50055001 AM0P50055002 AM0P50055003 AM0P50055004

Alameda – Fremont	10/14/24		N/A		AM0P50055005
Alameda – Fremont	10/14/24		N/A		AM0P50055006
Alameda – Fremont	10/15/24		N/A		AM0P50055007
Alameda – Fremont	10/16/24		N/A		SJ0P06743198
Alameda – Fremont	10/17/24		N/A		AM0P50055008
Alameda – Fremont	10/17/24		N/A		AM0P50055009
Alameda – Fremont	10/17/24		N/A		AM0P50055010
Alameda – Fremont	10/21/24		N/A		AM0P50055011
Alameda – Fremont	10/21/24		N/A		AM0P50055012
Alameda – Newark	10/21/24		AAAB		AM0P50055555
Alameda – Fremont	10/22/24		N/A		AM0P50055013
Alameda – Fremont	10/22/24		AAAB		AM0P50055014
Alameda – Fremont	10/22/24		N/A		AM0P50055015
Alameda – Fremont	10/22/24		N/A		AM0P50055016
Alameda – Fremont	10/22/24		N/A		AM0P50055538
Alameda – Fremont	10/22/24		AAAB		AM0P50055539
Alameda – Fremont	10/22/24		N/A		AM0P50055540
Alameda – Fremont	10/22/24		N/A		AM0P50055556
Alameda – Fremont	10/23/24		N/A		AM0P50055554
Alameda – Fremont	10/24/24		N/A		SJ0P06743200
Alameda – Fremont	10/28/24		N/A		AM0P50055557
Alameda – Newark	10/28/24		AAAB		AM0P50055558
Alameda – Fremont	11/06/24		N/A		AM0P06255449
Alameda – Fremont	11/06/24		N/A		AM0P50055017
Alameda – Fremont	11/06/24		N/A		AM0P50055018
Alameda – Fremont	11/14/24		N/A		AM0P50055021
Alameda – Fremont	11/14/24		N/A		AM0P50055022
Alameda – Union City	11/22/24		N/A		AM0P50055023
Alameda – Fremont	11/27/24		N/A		AM0P50055025
Alameda – Fremont	12/02/24		N/A		AM0P50055024
Alameda – Fremont	12/05/24		N/A		SJ0P06743179
Alameda – Fremont	12/12/24	2025 Totals	N/A		AM0P50055027
Alameda – Fremont	12/18/24	1 male and	N/A		AM0P50055028
Alameda – Fremont	01/22/25	1 female	N/A		AM0P50055029
Alameda – Fremont	01/27/25	(mated)	N/A		AM0P50055030
San Bernardino – Mentone	12/10/25	1 male	BBBB	Delimitation ongoing	AM0P50033085
Santa Clara – San Jose	08/11/25		AAAB		SJ0P06743185
Santa Clara – San Jose	08/12/25		AAAB		SJ0P06743186
Santa Clara – San Jose	08/14/25		AAAB		SJ0P06501725
Santa Clara – San Jose	09/02/25		AAAB		SJ0P06743187
Santa Clara – San Jose	09/05/25		AAAB		AM0P50051665
Santa Clara – San Jose	09/06/25	3 females	AAAB		AM0P50051666
Santa Clara – San Jose	09/06/25	(mating	AAAB		AM0P50051667
Santa Clara – San Jose	09/08/25	status	AAAB		AM0P80000210
Santa Clara – San Jose	09/09/25	indetermina	AAAB	2025	AM0P50051668
Santa Clara – San Jose	09/09/25	te),	AAAB	Quarantine	AM0P50051669
Santa Clara – San Jose	09/12/25	32 females	AAAB	ongoing	AM0P50051670
Santa Clara – San Jose	09/16/25	(unmated),	N/A	241 sq	AM0P50051671
Santa Clara – San Jose	09/17/25	25 females	AAAB	miles	SJ0P06501726
Santa Clara – San Jose	09/17/25	(mated),	N/A		AM0P50051672
Santa Clara – San Jose	09/17/25	34 males,	N/A		AM0P50051673
Santa Clara – San Jose	09/23/25	4 larvae	AAAB		AM0P50051674
Santa Clara – San Jose	09/25/25	(2 sites)	N/A		AM0P50051675
Santa Clara – San Jose	09/26/25		N/A		AM0P50051676

Santa Clara – San Jose	09/29/25	(Total: 94 adults)	AAAB		AM0P50051677
Santa Clara – San Jose	09/30/25		AAAB		AM0P50051678
Santa Clara – San Jose	09/30/25		N/A		AM0P50051679
Santa Clara – San Jose	10/01/25		N/A		AM0P50051680
Santa Clara – San Jose	10/02/25		N/A		AM0P50055061
Santa Clara – San Jose	10/03/25		N/A		SA0P06618441
Santa Clara – San Jose	10/06/25		N/A		AM0P50055062
Santa Clara – San Jose	10/06/25		N/A		AM0P50055063
Santa Clara – San Jose	10/07/25		AAAB		AM0P50055064
Santa Clara – San Jose	10/07/25		AAAB		AM0P50055065
Santa Clara – San Jose	10/07/25		N/A		AM0P50055066
Santa Clara – San Jose	10/07/25		N/A		AM0P50055067
Santa Clara – San Jose	10/07/25		N/A		AM0P50055068
Santa Clara – San Jose	10/08/25		N/A		AM0P50055069
Santa Clara – San Jose	10/08/25		N/A		AM0P50055070
Santa Clara – San Jose	10/08/25		N/A		AM0P50055071
Santa Clara – San Jose	10/08/25		N/A		AM0P50055072
Santa Clara – San Jose	10/08/25		N/A		AM0P50055073
Santa Clara – San Jose	10/09/25		AAAB		AM0P50055074
Santa Clara – San Jose	10/09/25		N/A		AM0P50055075
Santa Clara – San Jose	10/13/25		AAAB		AM0P50055076
Santa Clara – San Jose	10/14/25		N/A		AM0P50055033
Santa Clara – San Jose	10/14/25		N/A		AM0P50055034
Santa Clara – San Jose	10/14/25		N/A		AM0P50055035
Santa Clara – San Jose	10/14/25		N/A		AM0P50055077
Santa Clara – San Jose	10/14/25		N/A		AM0P50055078
Santa Clara – San Jose	10/14/25		N/A		AM0P50055079
Santa Clara – San Jose	10/14/25		N/A		AM0P50055080
Santa Clara – San Jose	10/15/25		AAAB		AM0P50055036
Santa Clara – San Jose	10/21/25		N/A		AM0P50055082
Santa Clara – San Jose	10/21/25		N/A		AM0P50055083
Santa Clara – San Jose	10/21/25		N/A		AM0P50055084
Santa Clara – San Jose	10/21/25		AAAB		AM0P50055085
Santa Clara – San Jose	10/21/25		N/A		AM0P50055086
Santa Clara – San Jose	10/22/25		N/A		AM0P50055038
Santa Clara – San Jose	10/22/25		AAAB		AM0P50055081
Santa Clara – San Jose	10/23/25		Unknown		AM0P50055037
Santa Clara – San Jose	10/23/25		N/A		AM0P50055039
Santa Clara – San Jose	10/24/25		AAAB		AM0P50055040
Santa Clara – San Jose	10/24/25		AAAB		AM0P50055087
Santa Clara – San Jose	10/28/25		N/A		AM0P50055088
Santa Clara – San Jose	10/29/25		N/A		SJ0P06743230
Santa Clara – San Jose	11/04/25		AAAB		AM0P50055089
Santa Clara – San Jose	11/05/25		AAAB		AM0P50055090
Santa Clara – San Jose	11/05/25		N/A		AM0P50055091
Santa Clara – San Jose	11/05/25		N/A		AM0P50055092
Santa Clara – San Jose	11/11/25		N/A		AM0P50055094
Santa Clara – San Jose	11/14/25		N/A		AM0P50055095
Santa Clara – San Jose	11/14/25		AAAB		AM0P50055096
Santa Clara – San Jose	11/25/25		AAAB		AM0P50055097
Santa Clara – Milpitas	12/17/25		BBBB		AM0P50055099
Melon Fly ***Zeugodacus cucurbitae***					
Alameda – Livermore	04/29/24	1 female (unmated)	N/A	Delimitation completed 01/02/25	010P06809550

Los Angeles – Castaic	09/03/24	1 male	N/A	Delimitation completed 06/20/25	LH0P50020201
Tau Fly ***Zeugodacus tau***					
Los Angeles – El Segundo	12/16/25	1 female (unmated)	N/A	Delimitation ongoing	CE2P50070683

4. Data collection and maintenance:

The CDFA will provide the USDA with trapping data for California trapping programs as requested. The CDFA is working on an electronic trapping app which will be undergoing testing in 2026. Once this trapping app is implemented, USDA will be given access to the data. The CDFA will provide the APHIS with trap data pertaining to positive IFF detections as needed.

Approved and signed by:

Andrew Cline Digitally signed by Andrew Cline Date: 2026.04.16 08:41:09 -07'00'

Victoria Hornbaker, ROAR Date
California Department of Food & Agriculture
Plant Health & Pest Prevention Services

BETH STONE SMITH Digitally signed by BETH STONE SMITH Date: 2026.04.17 08:06:23 -07'00'

Beth Stone-Smith, ADODR Date
United States Department of Agriculture
AHPIS, Plant Protection & Quarantine