

Navel Orangeworm Program 2026 – Weekly Report

Weeks Ending – January 2, January 9, and January 16, 2026

California Department of Food & Agriculture
Plant Health and Pest Prevention Services
Integrated Pest Control Branch
5100 Douglas Avenue
Shafter, CA 93263
Phone: (661) 395-2914
Fax: (661) 399-1601

I. Program Updates

Navel Orangeworm Area Wide Program – Multi-Phase Approach

Phase 1 – 2018-2022

Phase 1 was the Initial Phase of the Navel Orangeworm (NOW) Program (Program) with a focus on developing NOW sterile insect technique (SIT) moths, determining their viability during cold storage transfer, performing quality control (QC) on mating propensity and survivability of the sterile moths, developing a trap monitoring program, and collecting preliminary damage data from the orchards participating in the Program's project site.

Phase 2 – 2023-2026

Phase 2 is the Data Phase of the NOW Program. The focus of this phase is controlling variables within the orchards participating in the Program's project site to increase the integrity of the field data being collected.

Navel Orangeworm Sterile Insect Technique

The Navel Orangeworm Program utilizes NOW SIT moths obtained from the United States Department of Agriculture (USDA) and California Department of Food and Agriculture's (CDFA) Phoenix, Arizona Rearing Facility. QC tests are performed on every shipment of NOW SIT moths used for aerial releases.

Releases of sterile NOW moths are anticipated to begin in March 2026 over select sites in Fresno, Kings, and Kern Counties. Prior to releases, the Navel Orangeworm Action Committee (NOWAC) will meet to discuss plans for the 2026 NOW SIT season.

Navel Orangeworm Trapping

The Phase 2 Area Wide Project Site for 2026 currently includes 32 orchards: 16 pistachio and 16 almond, located within Fresno, Kings, and Kern counties. All 32 orchards, designated as Zones 2-3, 5-34, are approximately 160 acres each with 9 trap sites placed per zone. Trapping is conducted weekly year-round in all zones.

Listed below are any circumstances which prevented regular trap servicing in 2026:

- Week of January 2: No traps were serviced in all zones due to excessive rain and muddy conditions preventing access to trap sites
- Week of January 9: No traps were serviced in all zones due to excessive rain and muddy conditions preventing access to trap sites
- Week of January 16: No traps were serviced in Zones 14, 26, and 31 due to dense fog preventing safe travel to trap sites; no traps were serviced in Zones 20 and 21 due to pesticide applications on site; trap numbers 5 and 6 were not serviced in Zone 28 due to farm equipment and livestock preventing access to trap sites

II. Project Design

The 2026 Area Wide Project Site currently includes 32 orchards located in Fresno, Kings, and Kern counties. Listed below is information related to each orchard within the Program's project site for 2026:

Zone #	Crop Type	Acres	Release/Non-release Site	Date Added to Area Wide Project
Zone 2	Pistachio	160	TBD	February 2023
Zone 3	Almond	160	TBD	February 2023
Zone 5	Pistachio	160	TBD	March 2023
Zone 6	Pistachio	160	TBD	March 2023
Zone 7	Almond	160	TBD	April 2023
Zone 8	Almond	160	TBD	April 2023
Zone 9	Almond	160	TBD	May 2024
Zone 10	Almond	160	TBD	May 2025
Zone 11	Almond	160	TBD	May 2025
Zone 12	Almond	160	TBD	May 2025
Zone 13	Almond	160	TBD	May 2025
Zone 14	Almond	160	TBD	May 2025
Zone 15	Almond	160	TBD	May 2025
Zone 16	Almond	150	TBD	May 2025
Zone 17	Almond	173	TBD	May 2025
Zone 18	Almond	150	TBD	May 2025
Zone 19	Almond	183	TBD	May 2025
Zone 20	Almond	150	TBD	May 2025
Zone 21	Almond	155	TBD	May 2025
Zone 22	Pistachio	180	TBD	June 2025
Zone 23	Pistachio	155	TBD	July 2025
Zone 24	Pistachio	155	TBD	July 2025
Zone 25	Pistachio	160	TBD	July 2025
Zone 26	Pistachio	155	TBD	July 2025
Zone 27	Pistachio	150	TBD	June 2025
Zone 28	Pistachio	160	TBD	July 2025
Zone 29	Pistachio	170	TBD	July 2025
Zone 30	Pistachio	160	TBD	July 2025
Zone 31	Pistachio	155	TBD	July 2025
Zone 32	Pistachio	160	TBD	July 2025
Zone 33	Pistachio	160	TBD	July 2025
Zone 34	Pistachio	160	TBD	July 2025

Each zone has a trap site ratio of approximately one trap site per 18 acres for a total of 9 trap sites for each 160-acre zone. Each trap site has one trap baited with NOW pheromone/PPO lures. All traps are serviced on a weekly basis. Servicing includes collecting trap bottoms and replacing them with new trap bottoms. Bait/lure changes occur once a month, and trap tops are replaced as needed. Counts are performed on each trap collected to determine number of wild versus sterile captures and male versus female captures.

III. Trap Results for Weeks Ending on January 2, January 9, and January 16, 2026

Zone 2 – Pistachio Orchard

No traps were collected from Zone 2 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 2 on Monday, January 12.

Zone 2 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 2 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 3 – Almond Orchard

No traps were collected from Zone 3 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 3 on Wednesday, January 14.

Zone 3 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 3 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 5 – Pistachio Orchard

No traps were collected from Zone 5 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of 9 pheromone/PPO lure-baited traps were collected from Zone 5 on Monday, January 12.

Zone 5 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 5 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 6 – Pistachio Orchard

No traps were collected from Zone 6 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of 9 pheromone/PPO lure-baited traps were collected from Zone 6 on Wednesday, January 14.

Zone 6 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 17 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 6 during the week of December 26 due to pesticide applications on site; no traps were serviced in Zone 6 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 7 – Almond Orchard

No traps were collected from Zone 7 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 7 on Monday, January 12.

Zone 7 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 7 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 8 – Almond Orchard

No traps were collected from Zone 8 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 8 on Wednesday, January 14.

Zone 8 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 8 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 9 – Almond Orchard

No traps were collected from Zone 9 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 9 on Wednesday, January 14.

Zone 9 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 9 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 10 – Almond Orchard

No traps were collected from Zone 10 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 10 on Tuesday, January 13.

Zone 10 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 10 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 11 – Almond Orchard

No traps were collected from Zone 11 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 11 on Monday, January 12.

Zone 11 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 11 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 12 – Almond Orchard

No traps were collected from Zone 12 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 12 on Monday, January 12.

Zone 12 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 12 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 13 – Almond Orchard

No traps were collected from Zone 13 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of 9 pheromone/PPO lure-baited traps were collected from Zone 13 on Wednesday, January 14.

Zone 13 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 13 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 14 – Almond Orchard

No traps were collected from Zone 14 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

No traps were collected from Zone 14 during the week of January 16 due to dense fog preventing safe travel to trap sites.

Zone 14 – Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 -								
¹ No traps were serviced in Zone 14 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access; no traps were serviced in Zone 14 during the week of January 16 due to dense fog preventing safe travel to trap sites								

Zone 15 – Almond Orchard

No traps were collected from Zone 15 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 15 on Monday, January 12.

Zone 15 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 15 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 16 – Almond Orchard

No traps were collected from Zone 16 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 16 on Monday, January 12.

Zone 16 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 16 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 17 – Almond Orchard

No traps were collected from Zone 17 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 17 on Tuesday, January 13.

Zone 17 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 13	0	0	1	1	0	0	0	0
¹ No traps were serviced in Zone 17 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 18 – Almond Orchard

No traps were collected from Zone 18 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 18 on Wednesday, January 14.

Zone 18 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 18 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 19 – Almond Orchard

No traps were collected from Zone 19 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 19 on Tuesday, January 13.

Zone 19 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 19 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 20 – Almond Orchard

No traps were collected from Zone 20 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

No traps were collected from Zone 20 during the week of January 16 due to pesticide applications on site.

Zone 20 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 -								
¹ No traps were serviced in Zone 20 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access; no traps were serviced in Zone 20 during the week of January 16 due to pesticide applications on site								

Zone 21 – Almond Orchard

No traps were collected from Zone 21 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

No traps were collected from Zone 21 during the week of January 16 due to pesticide applications on site.

Zone 21 - Almond								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 -								
¹ No traps were serviced in Zone 21 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access; no traps were serviced in Zone 21 during the week of January 16 due to pesticide applications on site								

Zone 22 – Pistachio Orchard

No traps were collected from Zone 22 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of 9 pheromone/PPO lure-baited traps were collected from Zone 22 on Tuesday, January 13.

Zone 22 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 22 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 23 – Pistachio Orchard

No traps were collected from Zone 23 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 23 on Tuesday, January 13.

Zone 23 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 23 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 24 – Pistachio Orchard

No traps were collected from Zone 24 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 24 on Monday, January 12.

Zone 24 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 12	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 24 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 25 – Pistachio Orchard

No traps were collected from Zone 25 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 25 on Tuesday, January 13.

Zone 25 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 25 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 26 – Pistachio Orchard

No traps were collected from Zone 26 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

No traps were collected from Zone 26 during the week of January 16 due to dense fog preventing safe travel to trap sites.

Zone 26 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 -								
¹ No traps were serviced in Zone 26 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access; no traps were serviced in Zone 26 during the week of January 16 due to dense fog preventing safe travel to trap sites								

Zone 27 – Pistachio Orchard

No traps were collected from Zone 27 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 27 on Tuesday, January 13.

Zone 27 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 27 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 28 – Pistachio Orchard

No traps were collected from Zone 28 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **7** pheromone/PPO lure-baited traps were collected from Zone 28 on Wednesday, January 14. Trap numbers 5 and 6 were not serviced due to farm equipment and livestock preventing access to the trap sites.

Zone 28 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 28 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access; trap numbers 5 and 6 not serviced in Zone 28 during the week of January 16 due to farm equipment and livestock preventing access								

Zone 29 – Pistachio Orchard

No traps were collected from Zone 29 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 29 on Wednesday, January 14.

Zone 29 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 29 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 30 – Pistachio Orchard

No traps were collected from Zone 30 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 30 on Wednesday, January 14.

Zone 30 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 – Jan 14	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 30 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 31 – Pistachio Orchard

No traps were collected from Zone 31 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

No traps were collected from Zone 31 during the week of January 16 due to dense fog preventing safe travel to trap sites.

Zone 31 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 22 -								
¹ No traps were serviced in Zone 31 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access; no traps were serviced in Zone 31 during the week of January 16 due to dense fog preventing safe travel to trap sites								

Zone 32 – Pistachio Orchard

No traps were collected from Zone 32 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of 9 pheromone/PPO lure-baited traps were collected from Zone 32 on Tuesday, January 13.

Zone 32 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 32 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 33 – Pistachio Orchard

No traps were collected from Zone 33 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 33 on Tuesday, January 13.

Zone 33 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 33 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

Zone 34 – Pistachio Orchard

No traps were collected from Zone 34 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 34 on Tuesday, January 13.

Zone 34 - Pistachio								
Pheromone/PPO Lure Baited Traps								
Dates Traps in Field	# of Releases During Trap Period	Male Sterile	Male Wild	Male Total	Female Sterile	Female Wild	Female Total	Non-ID Total
¹ Dec 23 – Jan 13	0	0	0	0	0	0	0	0
¹ No traps were serviced in Zone 34 during the weeks of January 2 and January 9 due to excessive rain and muddy conditions preventing access								

IV. NOW Degree Days

NOW Degree days begin to accumulate when ambient temperatures remain between the lower threshold of 55° F and the upper threshold of 93.9° F. Using data from weather stations nearest to the trap sites, courtesy of the UC IPM website - https://ipm.ucanr.edu/PHENOLOGY/ma-navel_orangeworm.html, the chart below shows daily and total accumulated degree days starting on January 1, 2026. The model uses a double triangle and vertical cutoff method of calculating degree days.

Weather Station Location: Five Points, Fresno

Date	Air Temperatures (°F)		Degree Days	
	Min	Max	Daily	Accumulated
01/01/2026	48.80	66.10	3.14	3.14
01/02/2026	43.50	69.10	4.88	8.02
01/03/2026	52.20	62.80	2.50	10.52
01/04/2026	48.50	58.90	0.64	11.16
01/05/2026	45.10	61.60	1.27	12.43
01/06/2026	43.60	65.90	2.52	14.95
01/07/2026	40.80	60.10	0.65	15.60
01/08/2026	39.10	55.20	0.00	15.60
01/09/2026	30.60	55.70	0.01	15.61
01/10/2026	28.70	57.00	0.07	15.68
01/11/2026	30.80	61.40	0.68	16.36
01/12/2026	31.70	63.50	1.13	17.49
01/13/2026	31.50	63.90	1.48	18.97
01/14/2026	41.10	63.00	1.26	20.23
01/15/2026	32.90	60.20	0.51	20.74
01/16/2026	34.50	59.10	0.37	21.11

The complete degree day chart for 2025 can be found on the NOW webpage here:

<https://www.cdfa.ca.gov/plant/ipc/nowp/index.html>

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