

# Navel Orangeworm Program 2026 – Weekly Report

Weeks Ending – January 23 and January 30, 2026

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## 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
- Week of January 23: No traps were serviced in Zones 5, 13, and 14 due to pesticide applications on site; trap numbers 4-9 not serviced in Zone 20 due to pesticide applications on site; trap number 5 not serviced in Zone 28 due to farm equipment and livestock preventing access to trap sites

- Week of January 30: Zones 13 and 14 not serviced due to pesticide applications on site; trap numbers 3, 4, 5, 8, and 9 not serviced in Zone 10 due to pesticide applications on site

## 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
<a href="#">Zone 2</a>	Pistachio	160	TBD	February 2023
<a href="#">Zone 3</a>	Almond	160	TBD	February 2023
<a href="#">Zone 5</a>	Pistachio	160	TBD	March 2023
<a href="#">Zone 6</a>	Pistachio	160	TBD	March 2023
<a href="#">Zone 7</a>	Almond	160	TBD	April 2023
<a href="#">Zone 8</a>	Almond	160	TBD	April 2023
<a href="#">Zone 9</a>	Almond	160	TBD	May 2024
<a href="#">Zone 10</a>	Almond	160	TBD	May 2025
<a href="#">Zone 11</a>	Almond	160	TBD	May 2025
<a href="#">Zone 12</a>	Almond	160	TBD	May 2025
<a href="#">Zone 13</a>	Almond	160	TBD	May 2025
<a href="#">Zone 14</a>	Almond	160	TBD	May 2025
<a href="#">Zone 15</a>	Almond	160	TBD	May 2025
<a href="#">Zone 16</a>	Almond	150	TBD	May 2025
<a href="#">Zone 17</a>	Almond	173	TBD	May 2025
<a href="#">Zone 18</a>	Almond	150	TBD	May 2025
<a href="#">Zone 19</a>	Almond	183	TBD	May 2025
<a href="#">Zone 20</a>	Almond	150	TBD	May 2025
<a href="#">Zone 21</a>	Almond	155	TBD	May 2025
<a href="#">Zone 22</a>	Pistachio	180	TBD	June 2025
<a href="#">Zone 23</a>	Pistachio	155	TBD	July 2025
<a href="#">Zone 24</a>	Pistachio	155	TBD	July 2025
<a href="#">Zone 25</a>	Pistachio	160	TBD	July 2025
<a href="#">Zone 26</a>	Pistachio	155	TBD	July 2025
<a href="#">Zone 27</a>	Pistachio	150	TBD	June 2025
<a href="#">Zone 28</a>	Pistachio	160	TBD	July 2025
<a href="#">Zone 29</a>	Pistachio	170	TBD	July 2025
<a href="#">Zone 30</a>	Pistachio	160	TBD	July 2025
<a href="#">Zone 31</a>	Pistachio	155	TBD	July 2025
<a href="#">Zone 32</a>	Pistachio	160	TBD	July 2025
<a href="#">Zone 33</a>	Pistachio	160	TBD	July 2025
<a href="#">Zone 34</a>	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 January 23 and January 30, 2026**

#### **Zone 2 – Pistachio Orchard**

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 2 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 2 on Monday, January 26.

<b>Zone 2 - Pistachio</b>								
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
<sup>1</sup> Dec 23 – Jan 12	0	0	0	0	0	0	0	0
<b>Jan 12 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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**

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 3 on Thursday, January 22.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 3 on Tuesday, January 27.

<b>Zone 3 - Almond</b>								
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
<sup>1</sup> Dec 23 – Jan 14	0	0	0	0	0	0	0	0
<b>Jan 14 – Jan 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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 week of January 23 due to pesticide applications on site.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 5 on Monday, January 26.

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
<sup>1</sup> Dec 23 – Jan 12	0	0	0	0	0	0	0	0
<sup>2</sup> Jan 12 – Jan 26	0	0	0	0	0	0	0	0

<sup>1</sup>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

<sup>2</sup>No traps were serviced in Zone 5 during the week of January 23 due to pesticide applications on site

## Zone 6 – Pistachio Orchard

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 6 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 6 on Monday, January 26.

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
<sup>1</sup> Dec 17 – Jan 14	0	0	0	0	0	0	0	0
<b>Jan 14 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 7 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 7 on Monday, January 26.

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
<sup>1</sup> Dec 22 – Jan 12	0	0	0	0	0	0	0	0
<b>Jan 12 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 8 on Thursday, January 22.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 8 on Wednesday, January 28.

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
<sup>1</sup> Dec 23 – Jan 14	0	0	0	0	0	0	0	0
<b>Jan 14 – Jan 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 9 on Wednesday, January 28.

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
<sup>1</sup> Dec 23 – Jan 14	0	0	0	0	0	0	0	0
<b>Jan 14 – Jan 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 10 on Thursday, January 22.

A total of **4** pheromone/PPO lure-baited traps were collected from Zone 10 on Tuesday, January 27. Trap numbers 3, 4, 5, 8, and 9 not serviced due to pesticide applications on site.

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
<sup>1</sup> Dec 23 – Jan 13	0	0	0	0	0	0	0	0
<b>Jan 13 – Jan 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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								
<sup>2</sup> Trap numbers 3, 4, 5, 8, and 9 not serviced in Zone 10 during the week of January 30 due to pesticide applications on site								

## Zone 11 – Almond Orchard

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 11 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 11 on Monday, January 26.

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
<sup>1</sup> Dec 22 – Jan 12	0	0	0	0	0	0	0	0
<b>Jan 12 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 12 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 12 on Tuesday, January 27.

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
<sup>1</sup> Dec 23 – Jan 12	0	0	0	0	0	0	0	0
<b>Jan 12 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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 23 and January 30 due to pesticide applications on site.

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
<sup>1</sup> Dec 23 – Jan 14	0	0	0	0	0	0	0	0
<sup>2</sup> Jan 14 -								
<sup>1</sup> 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								
<sup>2</sup> No traps were serviced in Zone 13 during the weeks of January 23 and January 30 due to pesticide applications on site								

## Zone 14 – Almond Orchard

No traps were collected from Zone 14 during the weeks of January 23 and January 30 due to pesticide applications on site.

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
<sup>1</sup> Dec 23 -								
<sup>1</sup> 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; no traps were serviced in Zone 14 during the weeks of January 23 and January 30 due to pesticide applications on site								

## Zone 15 – Almond Orchard

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 15 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 15 on Monday, January 26.

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
<sup>1</sup> Dec 23 – Jan 12	0	0	0	0	0	0	0	0
<b>Jan 12 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 16 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 16 on Monday, January 26.

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
<sup>1</sup> Dec 22 – Jan 12	0	0	0	0	0	0	0	0
<b>Jan 12 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 17 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 17 on Monday, January 26.

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
<u>Dec 22 – Jan 13</u>	0	0	1	1	0	0	0	0
<b>Jan 13 – Jan 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
^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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 18 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 18 on Wednesday, January 28.

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
<u>Dec 23 – Jan 14</u>	0	0	0	0	0	0	0	0
<b>Jan 14 – Jan 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
^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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 19 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 19 on Tuesday, January 27.

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
<sup>1</sup> Dec 22 – Jan 13	0	0	0	0	0	0	0	0
<b>Jan 13 – Jan 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **3** pheromone/PPO lure-baited traps were collected from Zone 20 on Thursday, January 22. Trap numbers 4-9 not serviced due to pesticide applications on site.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 20 on Thursday, January 29.

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
<sup>1</sup> Dec 23 – Jan 22	0	0	0	0	0	0	0	0
<b>Jan 22 – Jan 29</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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; <b>trap numbers 4-9 not serviced during the week of January 23 due to pesticide applications on site</b>								

## Zone 21 – Almond Orchard

A total of **8** pheromone/PPO lure-baited traps were collected from Zone 21 on Thursday, January 22. Trap number 7 was missing.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 21 on Thursday, January 29.

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
<b><sup>1</sup>Dec 23 – Jan 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 29</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 22 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 22 on Wednesday, January 28.

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
<b><sup>1</sup>Dec 23 – Jan 13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 13 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 23 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 23 on Wednesday, January 28.

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
<b>Dec 23 – Jan 13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 13 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 24 on Tuesday, January 20.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 24 on Monday, January 26.

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
<b>Dec 23 – Jan 12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 12 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **6** pheromone/PPO lure-baited traps were collected from Zone 25 on Tuesday, January 20. Trap numbers 1-3 were missing.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 25 on Wednesday, January 28.

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
<sup>1</sup> Dec 23 – Jan 13	0	0	0	0	0	0	0	0
<b>Jan 13 – Jan 20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 20 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 26 on Thursday, January 22.

A total of **8** pheromone/PPO lure-baited traps were collected from Zone 26 on Wednesday, January 28. Trap number 4 was missing.

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
<sup>1</sup> Dec 23 – Jan 22	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 27 on Thursday, January 22.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 27 on Monday, January 26.

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
<sup>1</sup> Dec 23 – Jan 13	0	0	0	0	0	0	0	0
<b>Jan 13 – Jan 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **8** pheromone/PPO lure-baited traps were collected from Zone 28 on Wednesday, January 21. Trap number 5 not serviced due to farm equipment and livestock preventing access to the trap sites.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 28 on Wednesday, January 28.

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
<sup>1</sup> Dec 22 – Jan 14	0	0	0	0	0	0	0	0
<sup>2</sup> Jan 14 – Jan 21	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

<sup>2</sup>Trap number 5 not serviced in Zone 28 during the week of January 23 due to farm equipment and livestock preventing access

## Zone 29 – Pistachio Orchard

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 29 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 29 on Wednesday, January 28.

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
<b>Dec 22 – Jan 14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 14 – Jan 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 30 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 30 on Wednesday, January 28.

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
<b>Dec 22 – Jan 14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 14 – Jan 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 31 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 31 on Tuesday, January 27.

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
<b>1</b> Dec 22 – Jan 21	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 32 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 32 on Tuesday, January 27.

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
<b>1</b> Dec 23 – Jan 13	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 13 – Jan 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup>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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 33 on Wednesday, January 21.

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 33 on Tuesday, January 27.

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
<b><sup>1</sup>Dec 23 – Jan 13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 13 – Jan 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 21 – Jan 27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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

A total of **9** pheromone/PPO lure-baited traps were collected from Zone 34 on Thursday, January 22.

A total of **6** pheromone/PPO lure-baited traps were collected from Zone 34 on Wednesday, January 28. Trap numbers 3, 4, and 9 were missing.

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
<b><sup>1</sup>Dec 23 – Jan 13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 13 – Jan 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Jan 22 – Jan 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>1</sup> 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](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
01/17/2026	37.80	51.90	0.00	21.11
01/18/2026	40.80	49.60	0.00	21.11
01/19/2026	41.80	51.80	0.00	21.11
01/20/2026	40.20	45.50	0.00	21.11
01/21/2026	42.60	50.20	0.00	21.11
01/22/2026	40.90	61.20	0.90	22.01
01/23/2026	38.80	52.50	0.00	22.01
01/24/2026	38.40	48.20	0.00	22.01
01/25/2026	34.70	53.50	0.00	22.01
01/26/2026	35.00	60.30	0.53	22.54
01/27/2026	32.90	61.70	0.83	23.37
01/28/2026	36.40	65.30	1.82	25.19
01/29/2026	35.80	64.80	1.62	26.81
<b>01/30/2026</b>	<b>34.60</b>	<b>64.90</b>	<b>1.72</b>	<b>28.53</b>

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