

IPM Update – 15 July 2026

Jhalendra Rijal

UC Cooperative Extension, Stanislaus County

irijal@ucanr.edu
209-525-6800



UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

Statewide Integrated
Pest Management Program

1

Degree days calculation from UCIPM website

Weather Models and Degree Days

Access weather station data for your location and use the pest weather models to make pest management decisions and time pest management activities.



On This Page: [Pest and Plant Weather Models](#) [Degree-Day Calculator](#) [California Weather Data](#) [Resources](#)

Pest and Plant Weather Models

Type to search for model



[Beet armyworm](#)



[California red scale](#)



[Codling moth](#)



[Conspire stink bug](#)



[Fire blight](#)



[Fuller rose beetle](#)



[Lygus bug](#)



[Navel orangeworm](#)

<https://ipm.ucanr.edu/weather/#gsc.tab=0>

2

Oriental Fruit Moth

- 1st biofix: 17 February
- 2nd biofix: 22 April
- 3rd biofix: **10 June**
- DD (7/14): 979



- Projected 1st gen. spray timing (500 - 600DD): 23-28 March
- Projected 2nd gen. spray timing (400 - 500DD): 16-21 May
- Projected 3rd gen. spray timing (400 - 500DD): **24-28 June**

Generation Length (degree-days)			Spray Timing (degree-days)	
1st	2nd	3rd	Early generation	Later generations
920-1010	920-1010	920-1010	500-600	400-500

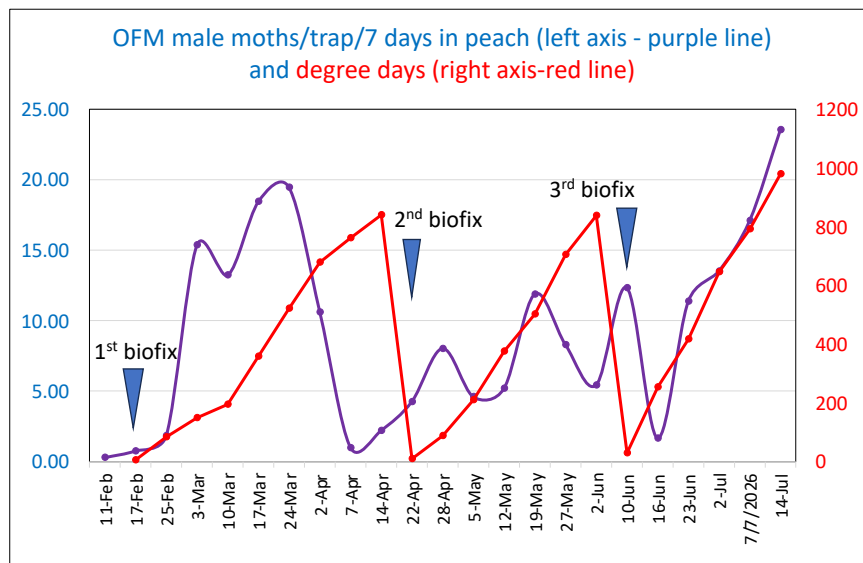


UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

Statewide Integrated
Pest Management Program

3

Oriental Fruit Moth



UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

Statewide Integrated
Pest Management Program

1st biofix: 17 February
2nd biofix: 22 April
3rd biofix: **10 June**
DD (7/14): 979

4

Peach Twig Borer (PTB)

- 1st biofix: 24 March
- 2nd biofix: **10 June**
- DD (7/14): 842
- Projected 1st gen. spray timing (300 - 400 DD): **21-29 April**
- Projected 2nd gen. spray timing (300 - 400 DD): **23-27 June**

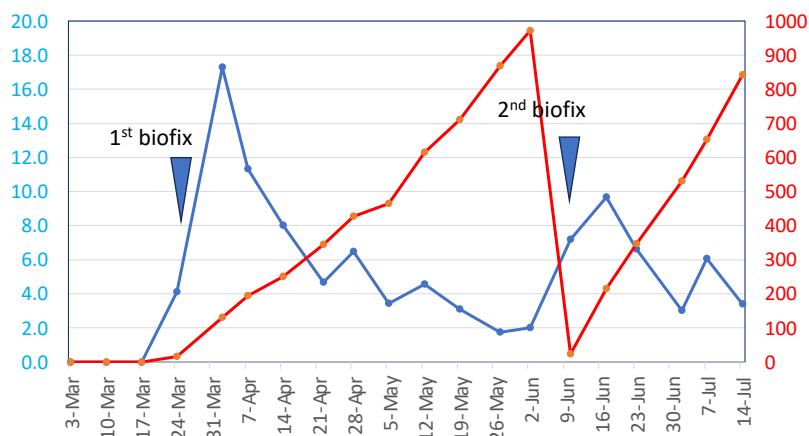


Generation Length (degree-days)			Spray Timing (degree-days)	
1st	2nd	3rd	Early Generation	Later Generations
1030	1030	1030	400-500	300-400

5

Peach Twig Borer (PTB)

PTB (peach) male moths/trap/7 days (left axis)
(degree days, right axis)



- 1st biofix: 24 March
- 2nd biofix: **10 June**
- DD (7/14): 842



6

Codling Moth

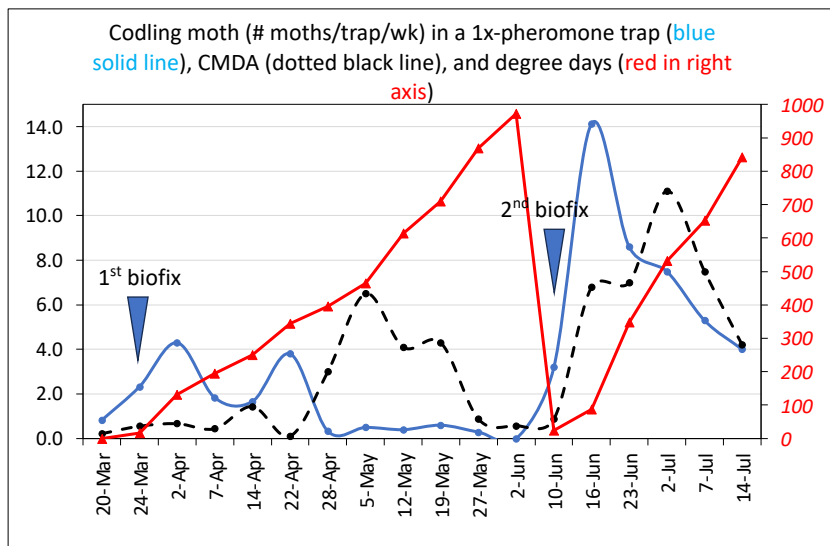
- 1st biofix: 24 March
- 2nd biofix: **10 June**
- DD (7/14): 842
- Projected 1st gen. 1A spray timing (250 – 300 DD): **April 17**
- Projected 1st gen. 1B spray timing (600 DD): **May 14**
- Projected 2nd gen. spray timing (250 DD): **June 21**



Generation Length (degree-days)			Spray Timing (degree-days)	
1st	2nd	3rd	Early generation	Later generations
1060	1100	1200	250-300	250

7

Codling Moth



- 1st biofix: 24 March
- 2nd biofix: **10 June**
- DD (7/14): 842

We captured 2 adults in 3 traps in one of the three orchards on March 20, but all the orchards had moths on March 24. So, March 24 was our 1st flight biofix.



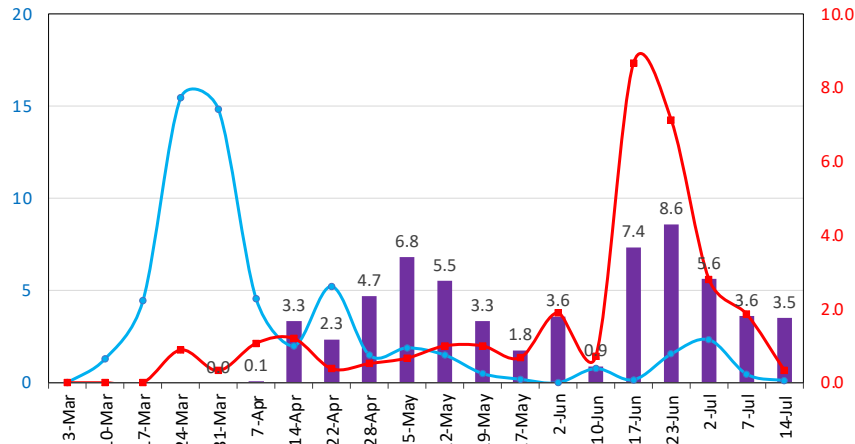
UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

Statewide Integrated
Pest Management Program

8

Navel Orangeworm in almonds, 2026

NOW counts/7 days in pheromone (blue line, left axis) & Peterson (females - red line, right axis) and egg traps (purple bar, left axis)



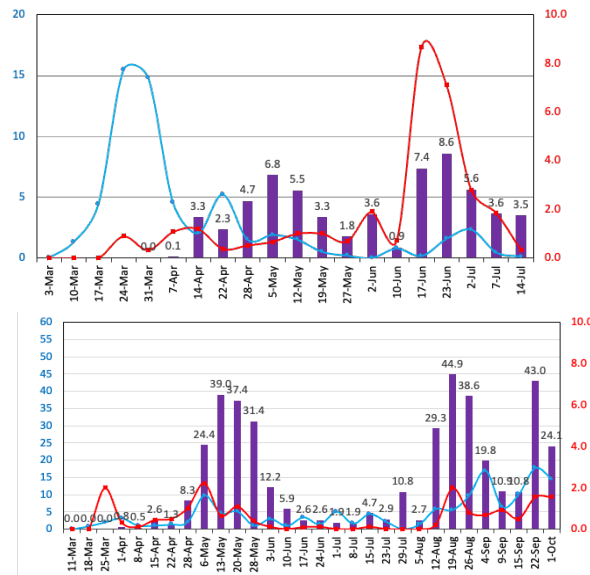
- Egg laying biofix: 7 April
- 2nd Flight (1056 DD): 3 July

UC IPM UNIVERSITY OF CALIFORNIA Agriculture and Natural Resources Statewide Integrated Pest Management Program

9

Navel Orangeworm activity in almonds 2025 vs. 2026 comparison

NOW counts/7 days in pheromone (blue line, left axis) & Peterson (females - red line, right axis) and egg traps (purple bar, left axis)



Year 2026
(March to mid-July)

Year 2025
(March to October)

10