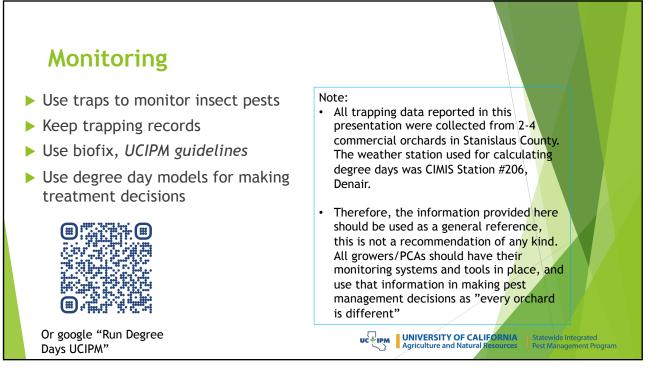
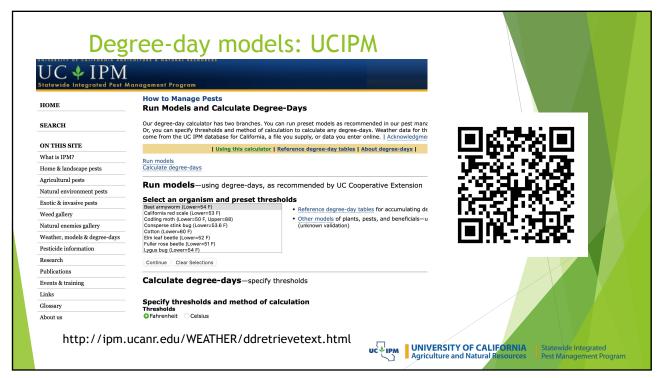
2024 IPM Update -16 July

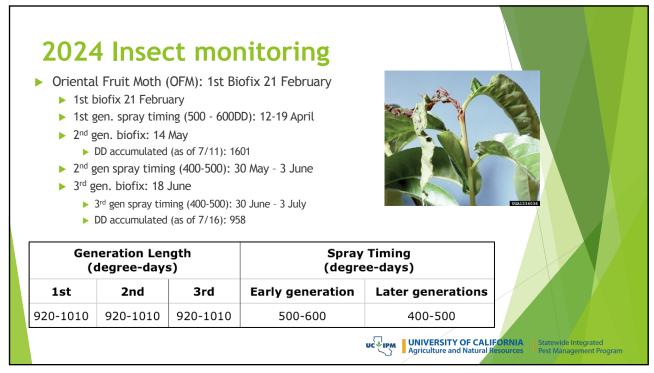
Jhalendra Rijal, Ph.D. Area IPM Advisor UC Cooperative Extension - San Joaquin, Stanislaus, Merced

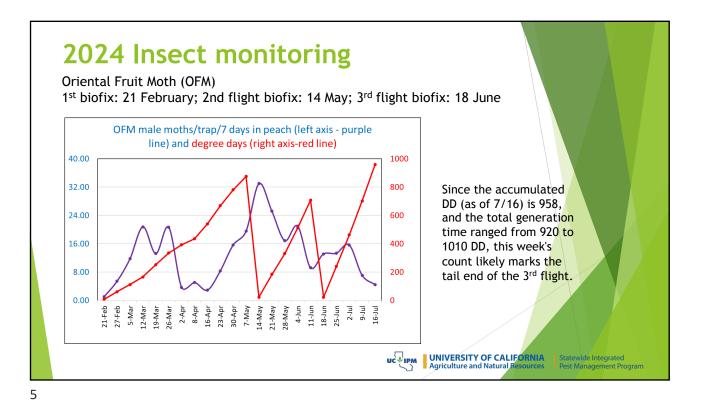
UNIVERSITY OF CALIFORNIA

Statewide Integrated Pest Management Program

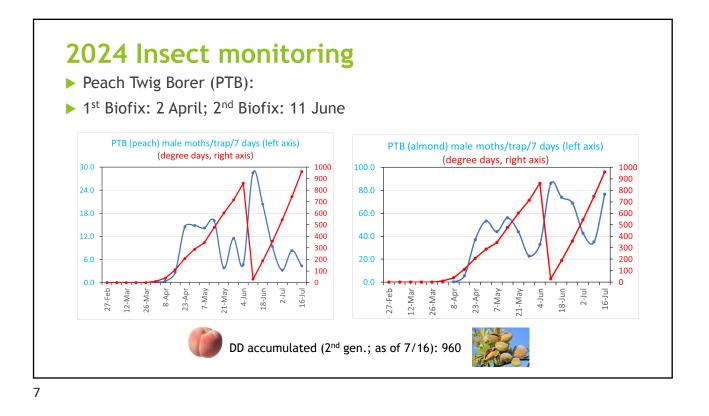




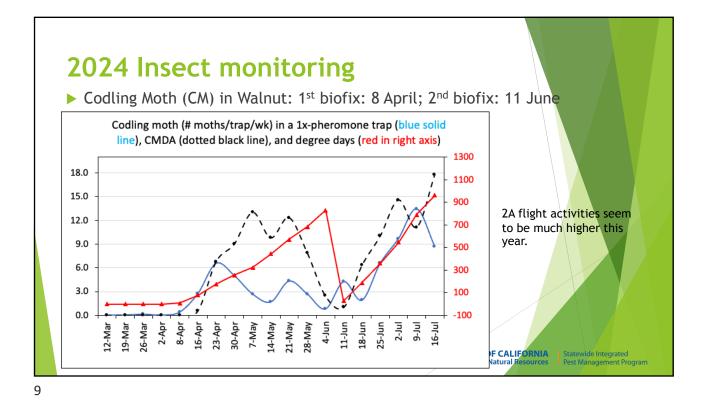


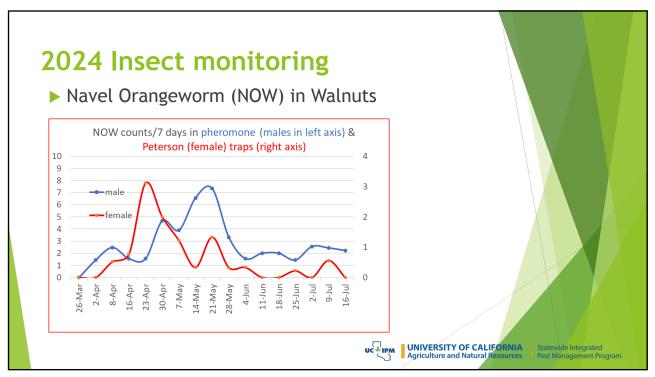


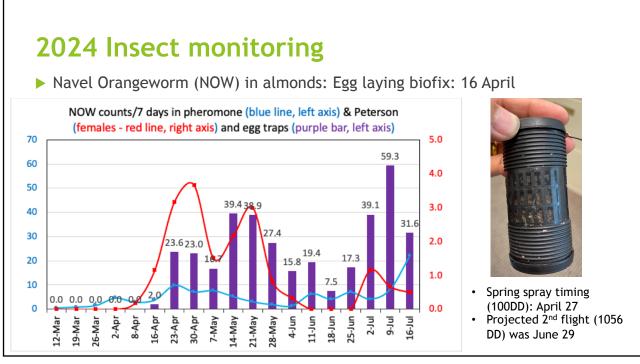
| .024 | | | | |
|------------------------------------|---------------------------|----------------|---------------------|----------------------|
| Peach | Twig Bo | orer (PTI | B): | |
| ► 1 st B | iofix: 2 Apr | il | | |
| - | | | - 500DD): 10-15 May | |
| | 1 st gen, 6/1 | | | |
| ► 2 nd § | gen. Biofix: | 11 June | | |
| ▶ 1 | 2 nd gen. spra | y timing (300 | -400DD): 22-26 June | |
| • | DD accumula | ted (as of 7/1 | 16): 960 | |
| | | | | |
| | | | | |
| Generation Length (degree-days) | | - | | / Timing ee-days) |
| (d | | 2 | Early Generation | Later Generations |
| (de 1st | 2nd | 3rd | Larry Generation | Eater Generations |

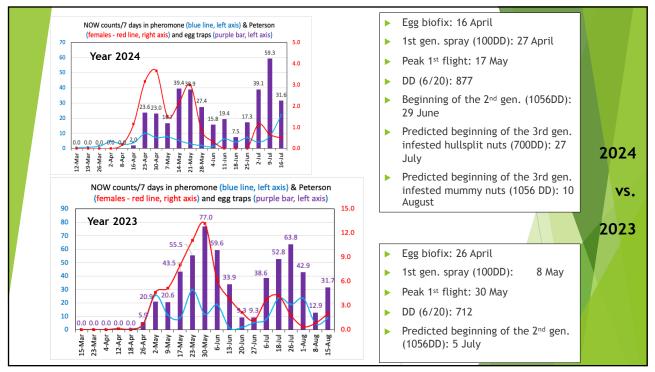


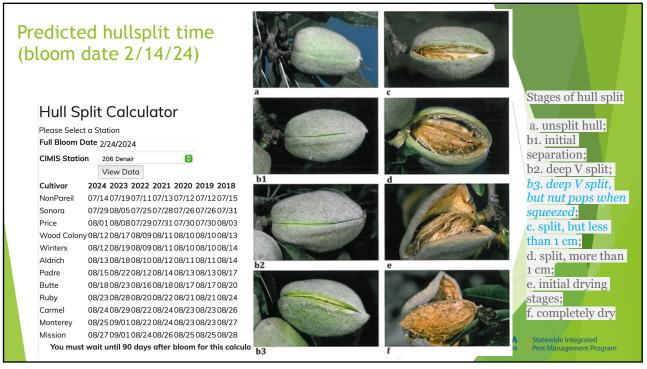
| 2024 | Inse | ct m | onitoring | | |
|------------------------------------|------------|----------------------|----------------------------------|----------------------|--|
| Codlir | ng Moth (| CM): 1 st | flight biofix 8 April | | |
| ≻1: | st gen. sp | oray tim | ing: | | |
| | 1A fligh | t (300 DD |): 4 May | | |
| | 1B fligh | nt (600 - 7 | 00 DD): 23 May - 28 May | | |
| ≻2r | nd gen. b | oiofix: 11 | June | | |
| 1 | 2nd gen | . spray tir | ning (2A timing: 300DD): 23 | June | |
| 1 | DD accu | imulation | (as of 7/16): 960 | | |
| Generation Length (degree-days) | | | | 7 Timing ee-days) | |
| 1st | 2nd | 3rd | Early generation | Later generations | |
| 1060 | 1100 | 1200 | 1A Peak: 300 1B Peak: 600-700 | 300 | ewide Integrated Management Progran |











Factors affecting insecticide efficacy for NOW -2022

Timing of Application:

•Aligning insecticide application with the most vulnerable stages of the crop and NOW life cycle

Coverage and Application Method:

•Using appropriate equipment and techniques, speed, etc., ensure thorough tree coverage, including nuts.

Resistance Management:

•Rotating insecticides with different modes of action. Do not apply insecticide with documented resistance

Environmental Conditions:

•Considering weather factors like temperature, humidity, wind to prevent rapid degradation

Integration with Other Pest Management Practices:

•Combining insecticide use with cultural (mummy sanitation) and biological (mating disruption) practices

| | S | М | Т | W | Т | F | S |
|-----------------|--------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| | 30 | 1 | 2 | 3 | 4 | 5 | 6 |
| | 98° 71° | 101° 69° | 105° 71° | 106° 71° | 107° 73° | 108° 72° | 110° 74° |
| Weather Outlook | 71 | 8 | 9 | 10 | 15 | 12 | 13 |
| | | | | | ŀ | ŀ | -> |
| July, 2024 | 107° 76° | 104° 68° | 100° 69° | 104° 65° | 110° 75° | 110° 75° | 103° 71° |
| | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | -\\ | -ờ: | -\̈́Ċ- | | -\ <u>\</u> - | -ờ: | -ờ: |
| | 101° 66° | 98° 63° | 98° 61° | 96° 60° | 99° 65° | 100° 68° | 97° 66° |
| | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| AccuWeather | -\\- | -ờ: | - <u>\</u> | -ờ: | -ờ: | -ờ: | -ඤ |
| | 98° 64° | 97° 64° | 99° 67° | 101° 73° | 97° 66° | 98° 67° | 97° 67° |
| | | | | | | | |

