IPM Update – April 1, 2026

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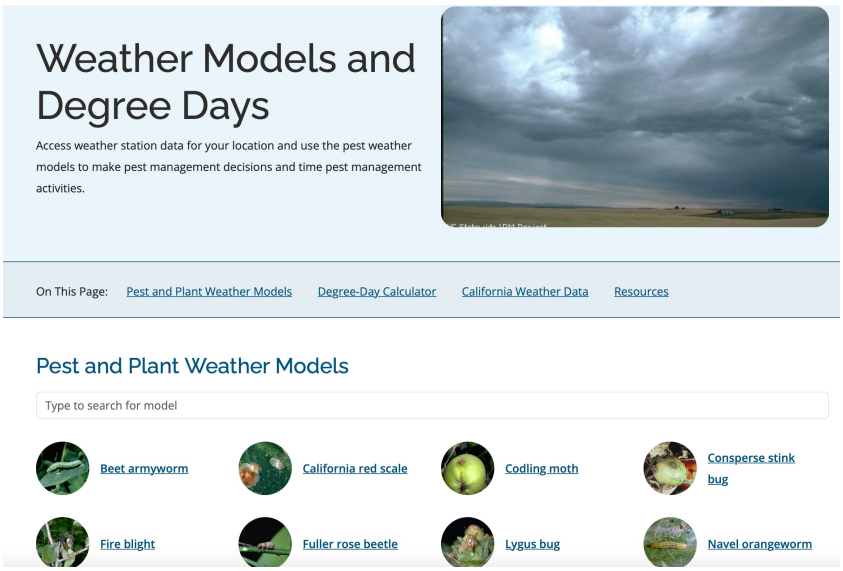
Degree days calculation from UCIPM website



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

2

Oriental Fruit Moth

- 1st biofix: 17 February
- DD (4/1): 651

- Projected 1st gen. spray timing (500 - 600DD): 23-28 March

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

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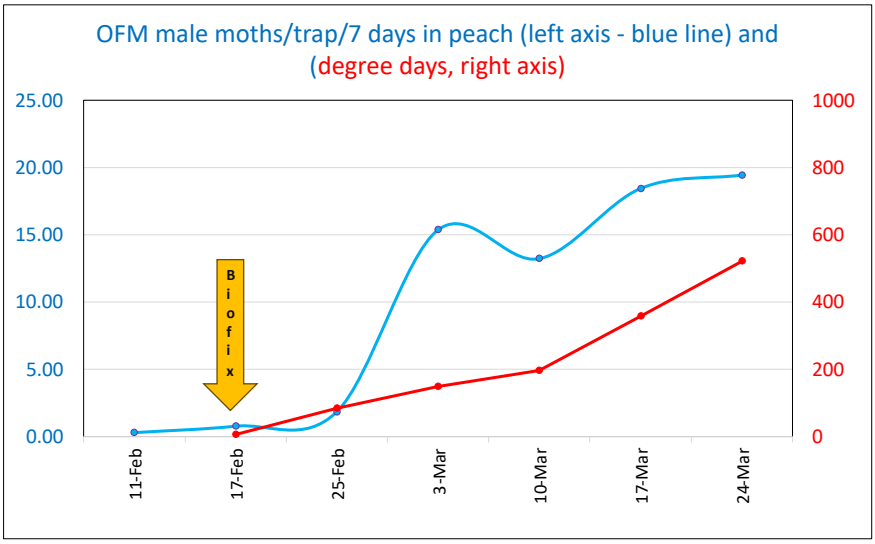
Oriental Fruit Moth



1st biofix: 17 February
DD (4/1): 651

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Peach Twig Borer (PTB)

- 1st biofix: **24 March**
- DD (4/1): 114

- Projected 1st gen. spray timing (300 - 400 DD): **21-29 April**

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

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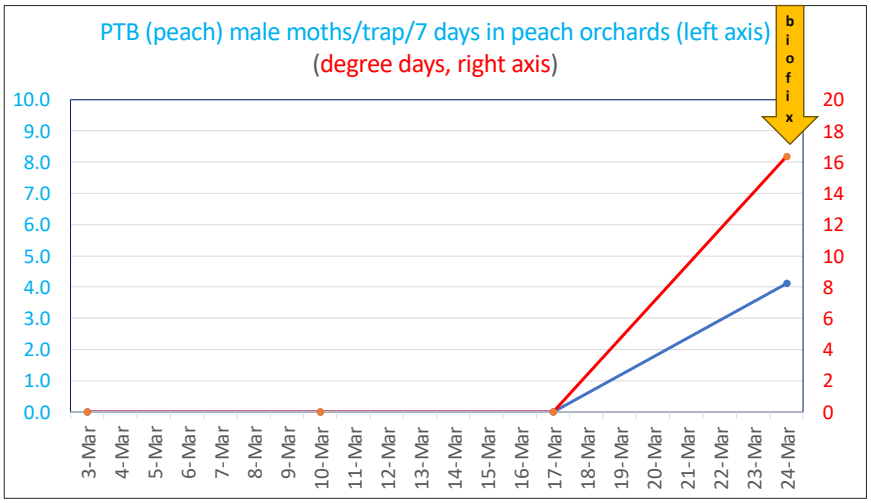
Peach Twig Borer (PTB)



- 1st biofix: **24 March;**
- DD (4/1): 114

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Codling Moth

- 1st biofix: **24 March**
- DD (4/1): 114

- Projected 1st gen. spray timing (250 – 300 DD): **April 17**

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

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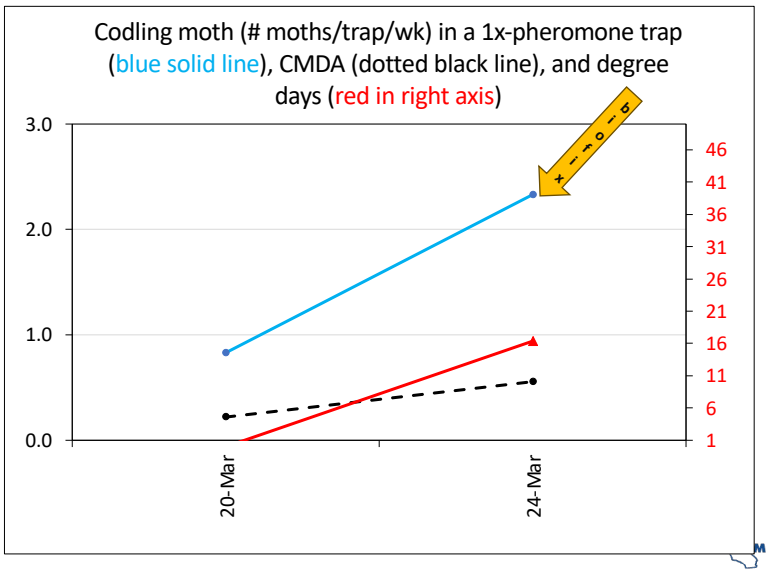
Codling Moth

- 1st biofix: **24 March**
- DD (4/1): 114



CM	Trap #	Yosemite	Tuolumne	East Ave	Avg.
20-Mar	#1	0	0	5	
	#2	0	0	0	
	#3	0	0	0	
					0.83
24-Mar	#1	6	0	7	
	#2	0	1	0	
	#3	0	2	2	
					2.33

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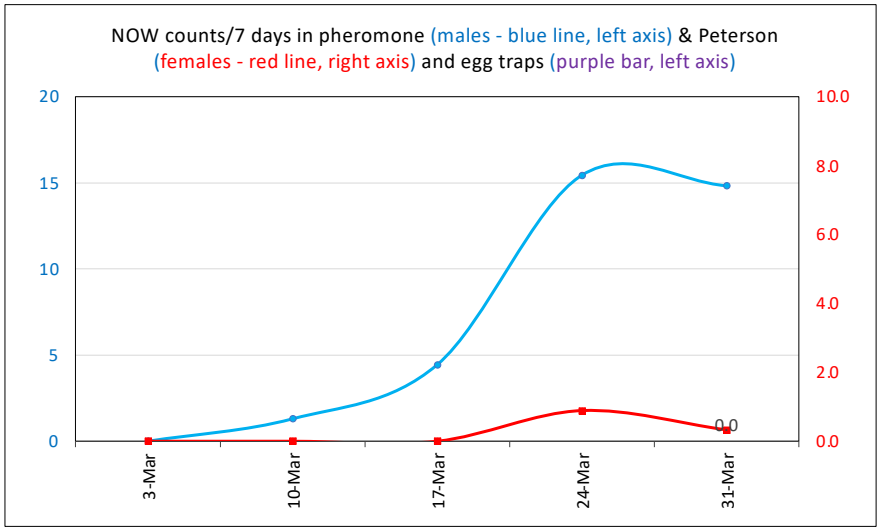
Navel Orangeworm in almonds



No eggs in egg traps yet

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AlphaScents Panel trap with AlphaScents lure (2-3 weeks)
Size: about 2 ft tall

Testing new new leaffooted bug traps

Trece Canopy trap with Trece lure (8-12 weeks)
Size: Same as delta or wing trap

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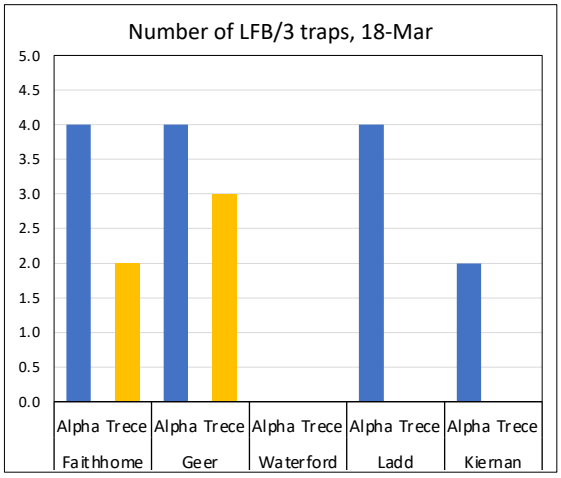

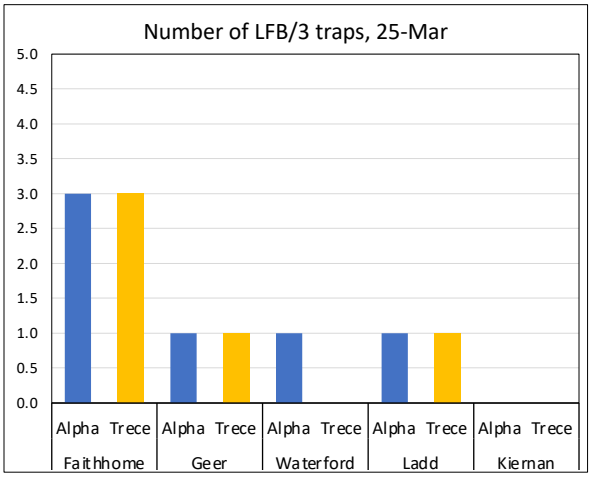

Preliminary study results show

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Brown Spot Damage in Orchards: Damage and timing

Before shell hardening (early season through mid-May)

Mid-season

Late-season

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Brown marmorated stink bug (BMSB) traps

Clear Panel Trap

Pyramid Trap

Experimental vibrational (Shindo) Trap

All baited with BMSB lure

First BMSB capture: March 3

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Brown marmorated stink bug (BMSB) damage

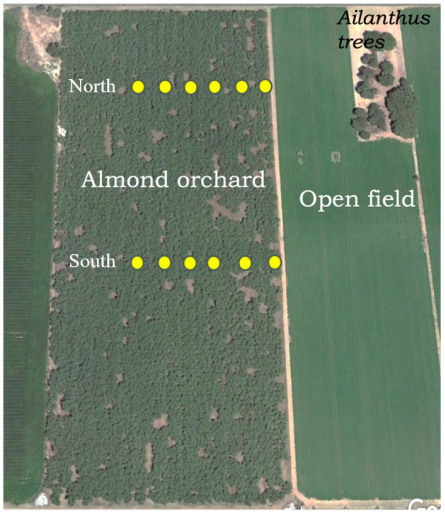

Table 3. Average almond kernel damage evaluated at different distances from the edge of the almond orchard, Stanislaus County, California.

Distance	Kernel damage by BMSB (%)		
	Gummy	Brown spot	Depressed/dimpled
Edge	$17.6^{a}\pm3.34$	$31.2^{a}\pm6.68$	$31.8^{a}\pm6.64$
12.2m	$8.4^{b}\pm0.93$	$11.0^{b}\pm1.00$	$11.0^{b}\pm0.95$
24.4m	$4.6^{bc}\pm1.16$	$5.2^{b}\pm0.90$	$6.2^{b}\pm1.21$
36.6m	$2.8^{bc}\pm1.12$	$5.0^{b}\pm1.16$	$4.4^{b}\pm1.15$
48.8m	$1.4^{c}\pm0.60$	$6.0^{b}\pm1.81$	$7.0^{b}\pm1.44$
61.0m	$2.6^{bc}\pm0.95$	$4.2^{b}\pm0.92$	$4.2^{b}\pm1.09$

Within each category, means followed by the same letters are not statistically different at P=0.05.

Highly edge-driven!

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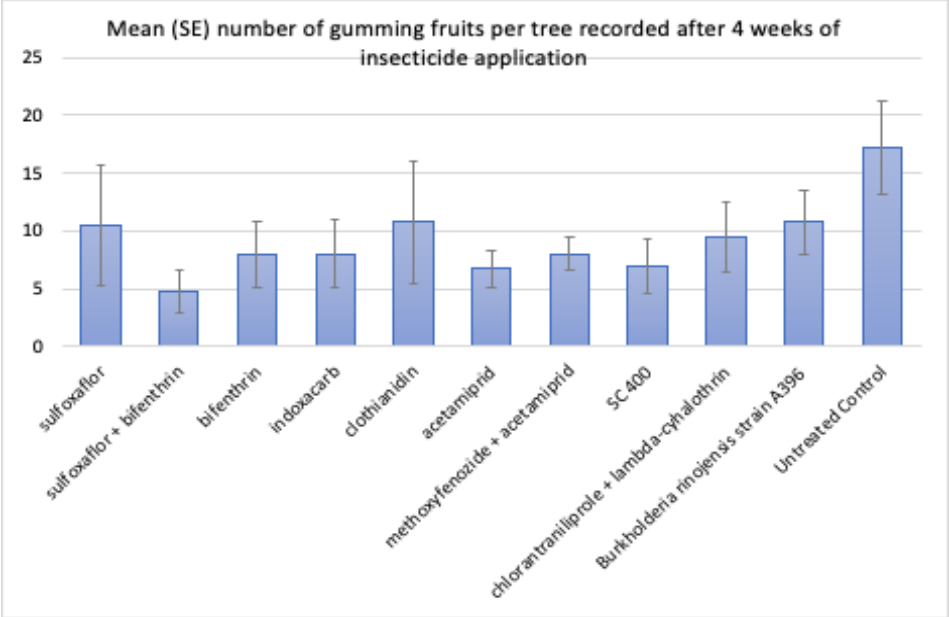
Insecticides against hemipterans



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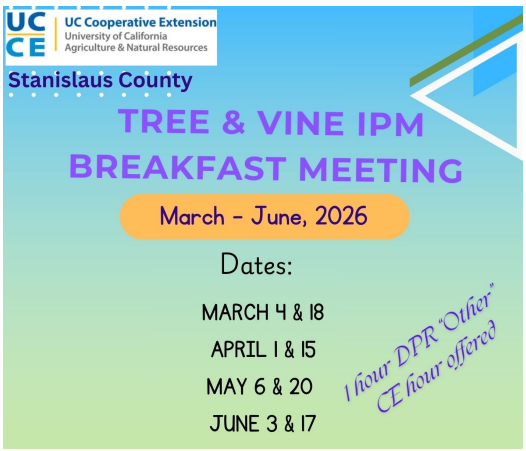
Next Meeting Speaker: April 15

Dr. Andreas Westphal
Topic: Nematode Control



Disclaimer: Mention of commercial insecticides/products in this presentation does not constitute product endorsement, nor does it suggest products not listed would not be suitable for use. Some research results included involve the use of chemicals which are currently registered for use, or may involve use which would be considered off label. These results are reported but are not a recommendation from the University of California for use. Consult the label and use it as the basis of all recommendations.

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