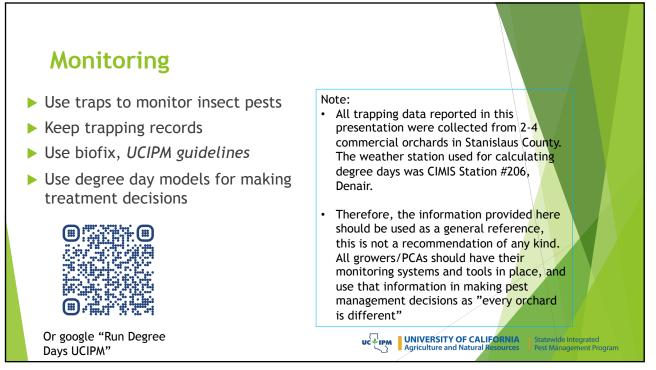
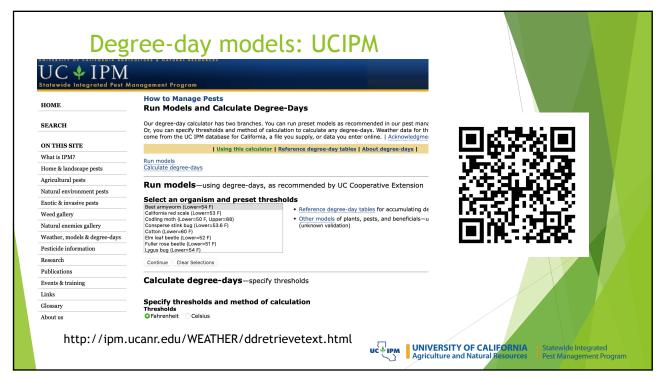
2024 IPM Update -26 June

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

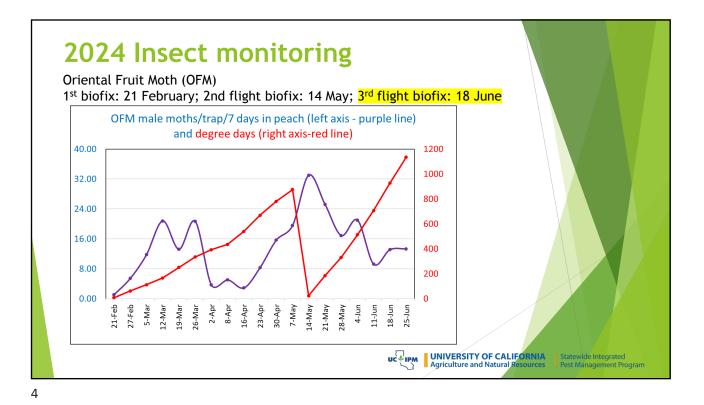
UNIVERSITY OF CALIFORNIA

Statewide Integrated Pest Management Program

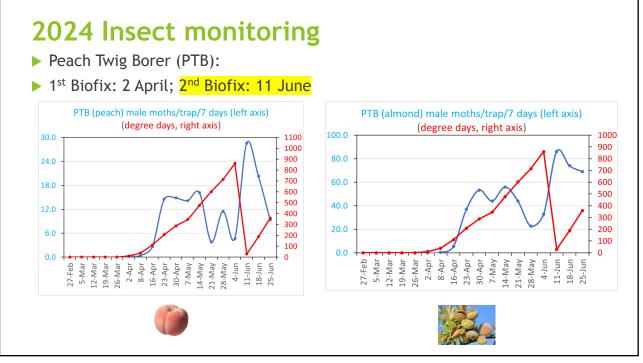


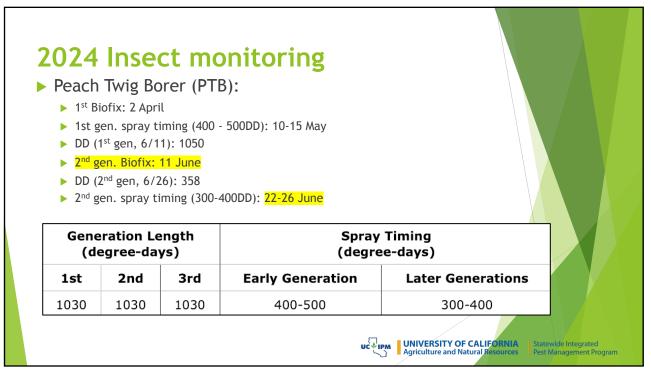


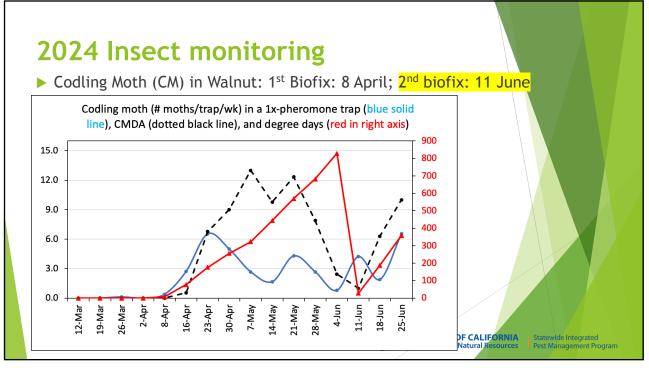


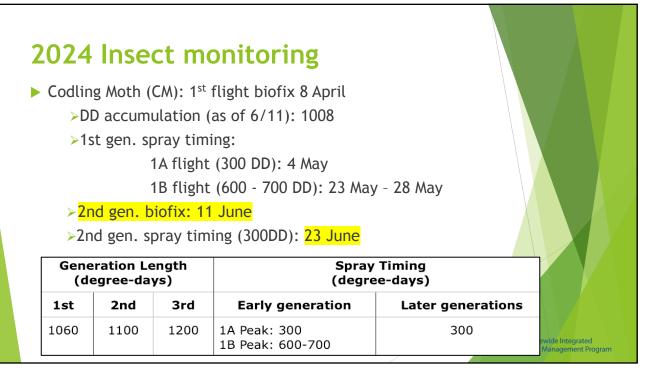


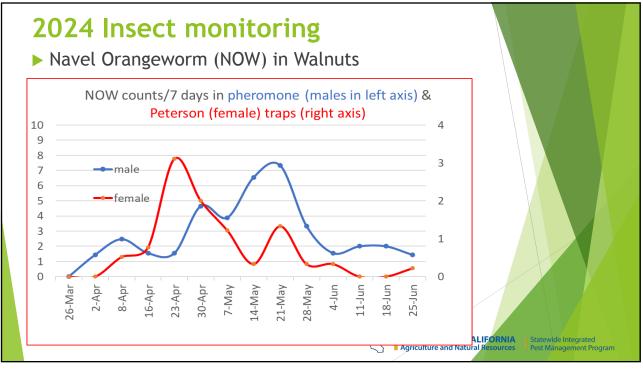
 Oriental Fru 1st biofix 1st gen. 2nd gen. DD accur 2nd gen s 3rd gen b 	nsect n uit Moth (OFM): x 21 February spray timing (500 biofix: 14 May mulated (as of 6/ pray timing (400- iofix: 18 June spray timing: 30	1st Biofix 21 Fe - 600DD): 12-197 18): 920 500): 30 May - 3 、	ebruary April				
	eration Len degree-days	-	Spray Timing (degree-days)				
1st	2nd	3rd	Early generation	Later generations			
920-1010	920-1010	920-1010	500-600	400-500			
Agriculture and Natural Resources Pest Management Program							

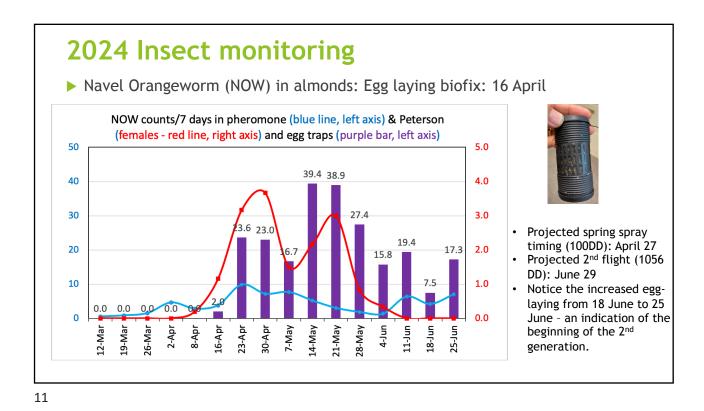


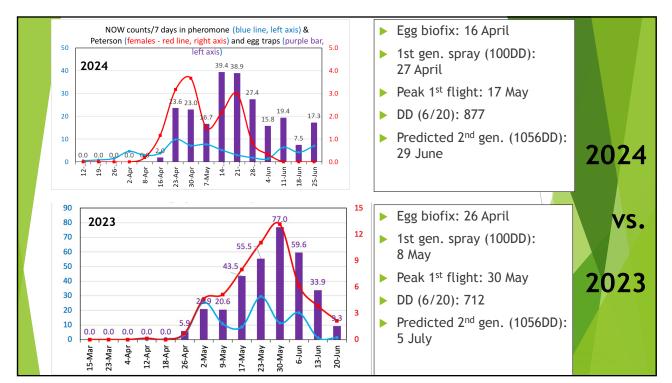












(b	loom	date 2/	,			
Г	Hull Split Calculator					
	Please Select a Station			12 ×	Carlos and a second	
Fu	ull Bloom D	ate 2/24/2024		ana.		
CI	IMIS Station	n 206 Denair	\odot	No. Conservation		Stages of hull split
		View Data			and the second s	
Cu	ultivar	2024 2023 2022 2	021 2020 2019 2018	And the second second second second	MAN REPRESENT	a. unsplit hull; b1. initial separation;
No	onPareil	07/1407/1907/110	7/1307/1207/1207/15	b1	d	b2. deep V split; b3. deep V
So	onora	07/2908/0507/250	7/2807/2607/2607/31			split, but nut pops when
Pr	rice	08/0108/0807/290	7/3107/3007/3008/03			squeezed;
W	/ood Colony	08/1208/1708/090	8/1108/1008/1008/13	AN A	Che State	c. split, but less than 1 cm;
W	/inters	08/1208/1908/090	8/1108/1008/1008/14			d. split, more than 1 cm;
Al	ldrich	08/1308/1808/100	8/1208/1108/1108/14	Constanting	all all and all all all all all all all all all al	e. initial drying stages;
Po	adre	08/1508/2208/120	8/1408/1308/1308/17			f. completely dry
В	utte	08/1808/2308/160	8/18 08/17 08/17 08/20	b2	e	
Rı	uby	08/2308/2808/200	8/2208/2108/2108/24			
Co	armel	08/2408/2908/220	8/2408/2308/2308/26		ALL ENDER	
M	onterey	08/2509/0108/220	8/2408/2308/2308/27	A Call Martin	All the Aller	
М	lission		8/2608/2508/2508/28			
	You must	wait until 90 days c	ifter bloom for this calcula	b3	f	A Statewide Integrated Pest Management Program

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

	July ~ 2024	l v					DAILY \rightarrow
	S	М	Т	W	Т	F	s
	30	1	2	3	4	5	6
	-ờ.	-ờ	ŀ	₿	ŀ	ŀ	ŀ
Weather Outlook	98° 66°	102° 71°	108° 72°	108° 71°	108° 69°	106° 70°	110° 73°
	7	8	9	10	11	12	13
July 2024	ŀ	ŀ	-ờ-	-\ <u>\</u> -	-\c	-\ <u>\</u> -	-ờ́-
July 2024	108° 73°	107° 70°	101° 66°	102° 63°	102° 64°	101° 65°	102° 71°
	14	15	16	17	18	19	20
	-\ <u>\</u> -	- <u>\</u>	-ờ-	-Ò	-\\	-Ò	-ờ:
	98° 65°	96° 63°	94° 62°	92° 61°	96° 63°	97° 64°	97° 64°
	21	22	23	24	25	26	27
🍥 AccuWeather	-\\	-ờ	-ờ-	-ờ-	-\\.	-\\.	-ờ:
	96° 63°	97° 64°	97° 65°	96° 65°	97° 64°	98° 66°	98° 65°

Updated information is also available in www.IPMCorner.com website as well. Disclaimer/Note All trapping data reported in this • presentation were collected from 2-4 An educational blog in addressing arthropod pest issues of tree & nuts, and other crops of the Central Valley of California commercial orchards in Stanislaus ATIVE EXTENSION 8 County. The weather station used for calculating degree days was CIMIS RESOURCES LINKS ABOUT Station #206, Denair. Therefore, the information provided • here should be taken as a general 🔤 f У 🗖 in 🔮 reference; this is not a ubscribe recommendation. All growers/PCAs should have their monitoring systems ee days models for pests: <u>click her</u> and tools in place and use that Pest Management Educational Courses Laws & Regulations All articles information in making pest management decisions as "every orchard is different" UNIVERSITY OF CALIFORNIA Agriculture and Natural Resources Statewide Integrated Pest Management Program