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Walnuts—Walnut Husk Fly and Egg Monitoring

Supplement to UC IPM Pest Management Guidelines: Walnuts

Grower/Orchard _____ Date of survey _____

Comments _____

How to monitor

1. Set out supercharged walnut husk fly traps high in the canopy by June 1 in coastal areas and by June 15 in inland areas. Check traps at least twice weekly.
2. When flies are counted in the traps, use a hand lens to determine the sex of each fly.
3. Use a blunt pencil to squeeze the abdomen of all females, especially fat females, to look for eggs.
4. Treatment may be warranted if economic damage has occurred in previous years and trapping shows a significant population.
 - a. Treatment timings vary with products. If using GF-120, start treatment when you find the first fly.
 - b. If you are not monitoring eggs, time conventional treatments when populations increase.
 - c. When you find eggs, spray within 1 week.
5. Continue to monitor traps weekly after treatment, and look for eggs in 2 to 3 weeks to determine the need for additional sprays.

	Trap #	Block			Block			Block			Block		
		#males	#unmated females (no eggs)	# females (w/eggs)	#males	#unmated females (no eggs)	# females (w/eggs)	#males	#unmated females (no eggs)	# females (w/eggs)	#males	#unmated females (no eggs)	# females (w/eggs)
Date	1												
	2												
	3												
	4												
	Total												
Date	1												
	2												
	3												
	4												
	Total												
Date	1												
	2												
	3												
	4												
	Total												
Date	1												
	2												
	3												
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	Total												

Grower/Orchard _____ Date _____

Date	1												
	2												
	3												
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	Total												
Date	1												
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	3												
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