



2009 Insect Phenology Indicators

Selected sites in Kern County

ID Services, LLC is a dealer for Suterra and Trece products

FINAL UPDATE: Thursday August 27, 2009

Pest/Location	'Ds since last biofix	Biofix	1ST FLIGHT				2ND FLIGHT				3RD FLIGHT				Comments		
			Treatment Interval				Treatment Interval				Treatment Interval						
			Onset	End	Peak	Biofix	Onset	End	Peak	Biofix	Onset	End	Peak	Biofix			
Peach Twig Borer			400 'Ds	500 'Ds			400 'Ds	500 'Ds			400 'Ds	500 'Ds		1060'D/generation			
Delano Almond		9-Apr	8-May	13-May	23-Apr	25-May	11-Jun	16-Jun	15-Jun					Traps Removed			
McFarland Almond		9-Apr	8-May	13-May	23-Apr	1-Jun	19-Jun	23-Jun	4-Jun					Traps Removed			
McFarland Cherry		6-Apr	6-May	11-May	27-Apr	25-May	11-Jun	16-Jun	1-Jun					Traps Removed			
Mettler Almond		15-Apr	10-May	15-May		17-Jun	1-Jul	4-Jul	10-Jun	15-Jul				Traps Removed			
Wasco Fruit		20-Apr	13-May	18-May	23-Apr	1-Jun	20-Jun	24-Jun	1-Jun	15-Jul				Traps Removed			
Oriental Fruit Moth			500 'Ds	600 'Ds			500 'Ds	600 'Ds			400 'Ds	500 'Ds		920 - 1010'D/generation			
McFarland Fruit	2344.84	4-May	22-May	26-May			Inconsistent catches		22-Jun	15-Jun	28-Jun	1-Jul		Biofix of 4h generation in wasco is 7/20			
Wasco Fruit	1242.75	2-Mar	13-Apr	20-Apr	23-Apr	4-May	23-May	26-May	22-Jun	6-Jun	21-Jun	25-Jun					
Coddling Moth			200 'Ds	300 'Ds	400 'Ds		200 'Ds	300 'Ds	400 'Ds		200 'Ds	300 'Ds	400 'Ds	1320'D/generation			
McFarland Fruit		6-Apr	21-Apr	30-Apr	6-May	13-Apr	22-Jun	29-Jun	2-Jul	6-Jul	29-Jun			Inconsistent catches			
Wasco Fruit		9-Apr	23-Apr	2-May	8-May	23-Apr	22-Jun	28-Jun	2-Jul	6-Jul	29-Jun			Traps Removed			
Omniverous Leafroller			500 'Ds	700 'Ds	900 'Ds		500 'Ds	700 'Ds	900 'Ds		500 'Ds	700 'Ds	900 'Ds	1240'D/generation			
Arvin Grape	1330.05	3-Mar	20-Apr	3-May	12-May	8-Apr	21-May	10-Jun	18-Jun	26-Jun	10-Jun	15-Jul	29-Jul	4-Aug	10-Aug	22-Jul	
Delano Grape	218.58	2-Mar	19-Apr	2-May	12-May	13-Apr	25-May	14-Jun	22-Jun	29-Jun	8-Jun	13-Jul	21-Jul	1-Aug	7-Aug		
McFarland Raisin	1497.42	16-Mar	23-Apr	7-May	16-May	6-Apr	26-May	16-Jun	23-Jun	30-Jun	6-Jul	6-Jul	22-Jul	29-Jul	4-Aug	27-Jul	
Shafter Grape	105.33	2-Mar	20-Apr	3-May	12-May	13-Apr	18-May	7-Jun	16-Jun	24-Jun	4-Jun	20-Jul	5-Aug	12-Aug	19-Aug	23-Jul	
Wasco Persimmon	1310.25	9-Mar	22-Apr	5-May	14-May	28-Apr	26-May	16-Jun	24-Jun	1-Jul	15-Jun	13-Jul	28-Jul	4-Aug	10-Aug		
San Jose Scale			600 'Ds	700 'Ds			600 'Ds	700 'Ds			600 'Ds	700 'Ds		1050'D/generation			
Delano Almond	1212.5	27-Mar	13-May	17-May	27-Mar	1-Jun	28-Jun	2-Jul	22-Jun	13-Jul	2-Aug	6-Aug					
McFarland Almond	1212.5	19-Mar	9-May	14-May	23-Mar	26-May	23-Jun	26-Jun	15-Jun	13-Jul	2-Aug	5-Aug					
Mettler Almond			Inconsistent catches			21-May	17-Jun	22-Jun	21-May		Inconsistent catches						
Wasco Fruit	1210.57	17-Mar	8-May	14-May	23-Mar	26-May	23-Jun	27-Jun	1-Jun	13-Jul	2-Aug	5-Aug					
Navel Orangeworm			Treat 100 degree days				Treat 100 degree days				Treat 100 degree days				1050'D/generation	NOW bait available for \$12/lb	
Delano Almond	693.35	9-Apr	after the start of consistent				after the start of consistent				after the start of consistent						
McFarland Almond	611.66	13-Apr	egg laying.				egg laying.				egg laying.						
Mettler Almond	651.01	22-Apr															
California Red Scale			Crawler Start				2nd flight start				3rd flight start				1145'D/first generation		
			550 'D				550 'D				550 'D						
Delano Citrus							15-Jun				6-Jul				25-Jun		
McFarland Lemons	498	23-Mar	12-May				8-Jun				2-Jul				25-Jun		
											28-Aug						
Vine Mealybug			235 'D	Generation complete			235 'D	Generation complete			235 'D				Thresholds 60-94'		
Arvin Grape	887.7	6-May	6-Jun				25-Jun				5-Jul				1-Jul	15-Jul	25-Jul
Delano/McFarland Grape																	
Shafter Grape																	