PHENOLOGY INDICATORS FOR PESTS AT SELECTED LOCATIONS

2009

Latest Update: 28-Aug

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1ST FLIGHT

Pest/Location	°Ds Since Last Biofix	Actual Start	Treatment Interval Onset	Treatment Interval End
Peach Twig Borer			400 °Ds	500 °Ds
KAC Nectarine	570	2-Apr	5-May	10-May
Fowler Peach	562	17-Apr	11-May	16-May
Laton Almond	531	27-Mar	1-May	6-May
Tulare Almond	731	10-Apr	10-May	16-May
3 Rocks Almond	788	10-Apr	9-May	14-May
Firebaugh Almond	582	2-Apr	6-May	11-May
Oriental Fruit Moth			500 °Ds	600 °Ds
KAC Nectarine	472			
Fowler Peach	253	20-Feb	7-Apr	16-Apr
Laton Almond	446			
Tulare Almond	674	25-Mar	28-Apr	4-May
3 Rocks Almond	479			
Codling Moth			200 °Ds	300 °Ds	400 °Ds
KAC Nectarine	957	23-Apr	7-May	12-May	17-May
KAC Walnut	957	9-Apr	25-Apr	3-May	9-May
Fowler Peach	941	3-Apr	21-Apr	29-Apr	5-May
Laton Walnut	875	3-Apr	21-Apr	28-Apr	5-May
Omnivorous Leafroller			500 °Ds	700 °Ds	900 °Ds
KAC Nectarine	836	20-Mar	1-May	11-May	19-May
Fowler Grapes	1193	27-Mar	4-May	13-May	21-May
Laton Grapes	963	27-Feb	20-Apr	2-May	11-May
Mendota Grapes	1071	20-Mar	29-Apr	10-May	18-May
San Jose Scale			600 °Ds	700 °Ds
KAC Nectarine	1153	20-Mar	12-May	17-May
KAC Walnut	3267	20-Mar	12-May	17-May
Fowler Peach	205			
Laton Walnut	695	5-Mar	6-May	11-May
Laton Almond	220	19-Mar	10-May	15-May
Tulare Almond	1084	20-Mar	14-May	18-May
3 Rocks Almond	2447	27-Mar	14-May	18-May
Firebaugh Almond	928			
Navel Orangeworm			100 °Ds	200 °Ds
KAC Walnut	23	2-Apr	19-Apr	26-Apr
Laton Walnut				
Laton Almond	976	3-Apr	19-Apr	25-Apr
Tulare Almond	22	24-Apr	6-May	14-May
3 Rocks Almond	1063	27-Mar	12-Apr	21-Apr
Firebaugh Almond				
Oblique-Banded Leafroller			600 °Ds	1000 °Ds
Laton Almond	965	1-May	30-May	15-Jun
Tulare Almond	763	15-May	12-Jun	4-Jul
3 Rocks Almond	703	30-Apr	31-May	16-Jun
Firebaugh Almond	775	14-May	11-Jun	1-Jul

2ND FLIGHT

Pest/Location	Projected Start	Actual Start	Treatment Interval Onset	Treatment Interval End
Peach Twig Borer	1060		300 °Ds	400 °Ds	500 °Ds
KAC Nectarine	3-Jun	11-Jun	24-Jun	28-Jun	1-Jul
Fowler Peach	10-Jun	12-Jun	25-Jun	29-Jun	2-Jul
Laton Almond	1-Jun	12-Jun	26-Jun	30-Jun	3-Jul
Tulare Almond	9-Jun	11-Jun	25-Jun	29-Jun	2-Jul
3 Rocks Almond	7-Jun	11-Jun	25-Jun	29-Jun	2-Jul
Firebaugh Almond	5-Jun	11-Jun	25-Jun	29-Jun	2-Jul
Oriental Fruit Moth	960		500 °Ds	600 °Ds
KAC Nectarine		8-May	26-May	29-May
Fowler Peach	5-May	8-May	26-May	29-May
Laton Almond		15-May	1-Jun	5-Jun
Tulare Almond	20-May	15-May	1-Jun	4-Jun
3 Rocks Almond		7-May	25-May	28-May
Codling Moth	1050		200 °Ds	300 °Ds	400 °Ds
KAC Nectarine	15-Jun	26-Jun	3-Jul	6-Jul	10-Jul
KAC Walnut	7-Jun	14-Jun	23-Jun	27-Jun	30-Jun
Fowler Peach	3-Jun	14-Jun	23-Jun	27-Jun	30-Jun
Laton Walnut	4-Jun	12-Jun	21-Jun	26-Jun	30-Jun
Omnivorous Leafroller	1200		500 °Ds	700 °Ds	900 °Ds
KAC Nectarine	31-May	22-May	12-Jun	20-Jun	28-Jun
Fowler Grapes	2-Jun	25-May	15-Jun	23-Jun	30-Jun
Laton Grapes	24-May	5-Jun	27-Jun	4-Jul	11-Jul
Mendota Grapes	29-May	28-May	18-Jun	26-Jun	2-Jul
San Jose Scale	1050		600 °Ds	700 °Ds
KAC Nectarine	1-Jun	22-May	20-Jun	24-Jun
KAC Walnut	31-May			
Fowler Peach		22-May	19-Jun	24-Jun
Laton Walnut	28-May	29-May	28-Jun	1-Jul
Laton Almond	31-May	22-May	21-Jun	26-Jun
Tulare Almond	3-Jun	15-May	12-Jun	18-Jun
3 Rocks Almond	3-Jun	21-May	19-Jun	24-Jun
Firebaugh Almond				
Navel Orangeworm	1056		100 °Ds	200 °Ds
KAC Walnut	18-Jun	*11-Jun	17-Jun	23-Jun
Laton Walnut				
Laton Almond	20-Jun			
Tulare Almond	30-Jun	25-Jun	29-Jun	2-Jul
3 Rocks Almond	15-Jun	11-Jun	17-Jun	22-Jun
Firebaugh Almond				
Oblique-Banded Leafroller	1300		600 °Ds	1000 °Ds
Laton Almond	2-Jul	2-Jul	6-Aug	31-Aug
Tulare Almond	22-Jul	16-Jul	19-Aug	12-Sep
3 Rocks Almond	5-Jul	16-Jul	22-Aug	13-Sep
Firebaugh Almond	18-Jul	16-Jul	18-Aug	9-Sep

3RD FLIGHT

Pest/Location	Projected Start	Actual Start	Treatment Interval Onset	Treatment Interval End
Peach Twig Borer	1060		300 °Ds	400 °Ds	500 °Ds
KAC Nectarine	22-Jul	7-Aug	18-Aug	22-Aug	26-Aug
Fowler Peach	23-Jul	7-Aug	18-Aug	22-Aug	26-Aug
Laton Almond	24-Jul	7-Aug	19-Aug	23-Aug	27-Aug
Tulare Almond	22-Jul	31-Jul	12-Aug	16-Aug	20-Aug
3 Rocks Almond	22-Jul	30-Jul	10-Aug	14-Aug	18-Aug
Firebaugh Almond	23-Jul	6-Aug	18-Aug	22-Aug	25-Aug
Oriental Fruit Moth	960		400 °Ds	500 °Ds
KAC Nectarine	12-Jun			
Fowler Peach	12-Jun	14-Jun	28-Jun	30-Jun
Laton Almond	19-Jun			
Tulare Almond	19-Jun			
3 Rocks Almond	12-Jun	14-Jun	28-Jun	1-Jul
Codling Moth	1100		200 °Ds	300 °Ds	400 °Ds
KAC Nectarine	5-Aug	24-Jul	30-Jul	3-Aug	7-Aug
KAC Walnut	26-Jul	24-Jul	30-Jul	3-Aug	7-Aug
Fowler Peach	26-Jul	24-Jul	31-Jul	3-Aug	8-Aug
Laton Walnut	25-Jul	* 25-Jul	1-Aug	5-Aug	9-Aug
Omnivorous Leafroller	1200		500 °Ds	700 °Ds	900 °Ds
KAC Nectarine	8-Jul	30-Jul	17-Aug	23-Aug	31-Aug
Fowler Grapes	11-Jul	18-Jul	3-Aug	11-Aug	18-Aug
Laton Grapes	23-Jul	24-Jul	11-Aug	19-Aug	26-Aug
Mendota Grapes	13-Jul	23-Jul	9-Aug	16-Aug	22-Aug
San Jose Scale	1050		600 °Ds	700 °Ds
KAC Nectarine	7-Jul	17-Jul	7-Aug	11-Aug
KAC Walnut				
Fowler Peach	7-Jul	17-Jul	7-Aug	11-Aug
Laton Walnut	16-Jul	31-Jul	24-Aug	29-Aug
Laton Almond	10-Jul	17-Jul	8-Aug	12-Aug
Tulare Almond	1-Jul	17-Jul	8-Aug	11-Aug
3 Rocks Almond	7-Jul			
Firebaugh Almond		*23-Jul	16-Aug	20-Aug
Navel Orangeworm	750		100 °Ds	200 °Ds
KAC Walnut	16-Jul	*Jul-24	27-Jul	31-Jul
Laton Walnut				
Laton Almond		*Jul-16	19-Jul	23-Jul
Tulare Almond	26-Jul	*Jul-31	4-Aug	10-Aug
3 Rocks Almond	17-Jul	*Jul-16	19-Jul	23-Jul
Firebaugh Almond				
Oblique-Banded Leafroller			600 °Ds	1000 °Ds
Laton Almond				
Tulare Almond				
3 Rocks Almond				
Firebaugh Almond				

4TH FLIGHT

Pest/Location	Projected Start	Actual Start	Treatment Interval Onset	Treatment Interval End
Peach Twig Borer	1060		400 °Ds	500 °Ds
KAC Nectarine	18-Sep			
Fowler Peach	19-Sep			
Laton Almond	19-Sep			
Tulare Almond	11-Sep			
3 Rocks Almond	8-Sep			
Firebaugh Almond	19-Sep			
Oriental Fruit Moth	960		400 °Ds	500 °Ds
KAC Nectarine		10-Jul	21-Jul	24-Jul
Fowler Peach	15-Jul	10-Jul	21-Jul	24-Jul
Laton Almond				
Tulare Almond		17-Jul	28-Jul	31-Jul
3 Rocks Almond	15-Jul	16-Jul	27-Jul	30-Jul
Codling Moth	1200		200 °Ds	300 °Ds
KAC Nectarine	7-Sep			
KAC Walnut	7-Sep			
Fowler Peach	8-Sep			
Laton Walnut	10-Sep			
Omnivorous Leafroller	1200		500 °Ds	700 °Ds
KAC Nectarine	11-Sep			
Fowler Grapes	29-Aug			
Laton Grapes	6-Sep			
Mendota Grapes	2-Sep			
San Jose Scale	1050		600 °Ds	700 °Ds
KAC Nectarine	24-Aug			
KAC Walnut				
Fowler Peach	25-Aug	21-Aug	15-Sep	20-Sep
Laton Walnut	12-Sep			
Laton Almond	27-Aug	20-Aug	13-Sep	17-Sep
Tulare Almond	25-Aug			
3 Rocks Almond				
Firebaugh Almond	3-Sep			
Navel Orangeworm	750		100 °Ds	200 °Ds
KAC Walnut	25-Aug	28-Aug	1-Sep	6-Sep
Laton Walnut				
Laton Almond	18-Aug			
Tulare Almond	4-Sep	28-Aug	1-Sep	6-Sep
3 Rocks Almond	15-Aug			
Firebaugh Almond				
Oblique-Banded Leafroller			600 °Ds	1000 °Ds
Laton Almond				
Tulare Almond				
3 Rocks Almond				
Firebaugh Almond				

5TH FLIGHT

Pest/Location	Projected Start	Actual Start	Treatment Interval Onset	Treatment Interval End	Projected Start
Peach Twig Borer	1060				
KAC Nectarine					
Fowler Peach					
Laton Almond					
Tulare Almond					
3 Rocks Almond					
Firebaugh Almond					
Oriental Fruit Moth	960		400 °Ds	500 °Ds	960
KAC Nectarine	7-Aug	14-Aug	26-Aug	29-Aug	14-Sep
Fowler Peach	7-Aug	21-Aug	2-Sep	6-Sep	23-Sep
Laton Almond		14-Aug	27-Aug	30-Aug	14-Sep
Tulare Almond	15-Aug	7-Aug	20-Aug	23-Aug	7-Sep
3 Rocks Almond	13-Aug	14-Aug	26-Aug	29-Aug	14-Sep
Codling Moth	1200				
KAC Nectarine					
KAC Walnut					
Fowler Peach					
Laton Walnut					
Omnivorous Leafroller	1200				
KAC Nectarine					
Fowler Grapes					
Laton Grapes					
Mendota Grapes					
San Jose Scale	1050				
KAC Nectarine					
KAC Walnut					
Fowler Peach	8-Oct				
Laton Walnut					
Laton Almond	5-Oct				
Tulare Almond					
3 Rocks Almond					
Firebaugh Almond					
Navel Orangeworm	750				
KAC Walnut	11-Oct				
Laton Walnut					
Laton Almond					
Tulare Almond	9-Oct				
3 Rocks Almond					
Firebaugh Almond					
Oblique-Banded Leafroller					
Laton Almond					
Tulare Almond					
3 Rocks Almond					
Firebaugh Almond					

Red numbers and dates are changes from the last update. *** Estimated start date**

Note: Information on this page is site specific and for comparative purposes. These observations are not recommendations; calculate treatment times for your fields at: www.ipm.ucdavis.edu

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