

PHENOLOGY INDICATORS FOR PESTS AT SELECTED LOCATIONS

2008

Latest Update: 15-Aug

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| Pest/Location                    | °Ds Since Last Biofix | 1ST FLIGHT   |         |                        | Projected Start | 2ND FLIGHT   |         |                        |              | Projected Start | 3RD FLIGHT |                        |              |         | Projected Start | 4TH FLIGHT             |              |          | Projected Start | 5TH FLIGHT             |              |  |
|----------------------------------|-----------------------|--------------|---------|------------------------|-----------------|--------------|---------|------------------------|--------------|-----------------|------------|------------------------|--------------|---------|-----------------|------------------------|--------------|----------|-----------------|------------------------|--------------|--|
|                                  |                       | Actual Start | Onset   | Treatment Interval End |                 | Actual Start | Onset   | Treatment Interval End | Actual Start |                 | Onset      | Treatment Interval End | Actual Start | Onset   |                 | Treatment Interval End | Actual Start | Onset    |                 | Treatment Interval End | Actual Start |  |
| <b>Peach Twig Borer</b>          |                       |              | 400 °Ds | 500 °Ds                | 1060            |              | 300 °Ds | 400 °Ds                | 500 °Ds      | 1060            |            | 300 °Ds                | 400 °Ds      | 500 °Ds | 1060            |                        | 400 °Ds      | 500 °Ds  | 1060            |                        |              |  |
| KAC Mixed Fruit                  | 596                   | 10-Apr       | 10-May  | 15-May                 | 14-Jun          | 13-Jun       | 24-Jun  | 28-Jun                 | 2-Jul        | 21-Jul          | 25-Jul     | 5-Aug                  | 8-Aug        | 12-Aug  | 3-Sep           |                        |              |          |                 |                        |              |  |
| Fowler Peach                     | 431                   | 21-Apr       | 16-May  | 20-May                 | 20-Jun          | 19-Jun       | 30-Jun  | 4-Jul                  | 7-Jul        | 27-Jul          | 31-Jul     | 11-Aug                 | 14-Aug       | 18-Aug  | 10-Sep          |                        |              |          |                 |                        |              |  |
| Laton Almond                     | 406                   | 4-Apr        | 7-May   | 13-May                 | 13-Jun          | 1-Jul        | 11-Jul  | 15-Jul                 | 18-Jul       | 8-Aug           | 31-Jul     | 12-Aug                 | 15-Aug       | 19-Aug  | 10-Sep          |                        |              |          |                 |                        |              |  |
| Hwy 33 & I-5 Almond              | 433                   | 4-Apr        | 8-May   | 14-May                 | 14-Jun          | 1-Jul        | 11-Jul  | 15-Jul                 | 18-Jul       | 9-Aug           | 31-Jul     | 11-Aug                 | 14-Aug       | 18-Aug  | 9-Sep           |                        |              |          |                 |                        |              |  |
| Firebaugh Almond                 | 429                   | 14-Apr       | 15-May  | 18-May                 | 18-Jun          | 19-Jun       | 30-Jun  | 4-Jul                  | 8-Jul        | 29-Jul          | 31-Jul     | 11-Aug                 | 15-Aug       | 18-Aug  | 11-Sep          |                        |              |          |                 |                        |              |  |
| <b>Oriental Fruit Moth</b>       |                       |              | 500 °Ds | 600 °Ds                | 960             |              | 500 °Ds | 600 °Ds                |              | 960             |            | 400 °Ds                | 500 °Ds      |         | 960             |                        | 400 °Ds      | 500 °Ds  | 960             |                        |              |  |
| KAC Mixed Fruit                  | 265                   | 4-Mar        | 14-Apr  | 21-Apr                 | 10-May          | 16-May       | 6-Jun   | 10-Jun                 |              | 22-Jun          | 19-Jun     | 1-Jul                  | 4-Jul        |         | 17-Jul          | 8-Aug                  | 20-Aug       | 23-Aug   | 7-Sep           |                        |              |  |
| Fowler Peach                     | 710                   | 4-Mar        | 13-Apr  | 19-Apr                 | 10-May          | 23-May       | 14-Jun  | 17-Jun                 |              | 29-Jun          | 4-Jul      | 15-Jul                 | 18-Jul       |         | 1-Aug           | 25-Jul                 | 6-Aug        | 9-Aug    | 24-Aug          |                        |              |  |
| Laton Almond                     | 1367                  |              |         |                        |                 | *23-May      | 14-Jun  | 18-Jun                 |              | 29-Jun          | 4-Jul      | 15-Jul                 | 18-Jul       |         | 2-Aug           |                        |              |          |                 |                        |              |  |
| Hwy 33 & I-5 Almond              | 743                   | 4-Mar        | 14-Apr  | 22-Apr                 | 12-May          | 15-May       | 6-Jun   | 10-Jun                 |              | 22-Jun          | 19-Jun     | 1-Jul                  | 5-Jul        |         | 18-Jul          | 24-Jul                 | 5-Aug        | 8-Aug    | 22-Aug          |                        |              |  |
| <b>Codling Moth</b>              |                       |              | 200 °Ds | 300 °Ds                | 400 °Ds         | 1050         |         | 200 °Ds                | 300 °Ds      | 400 °Ds         | 1100       |                        | 200 °Ds      | 300 °Ds | 400 °Ds         | 1200                   |              | 200 °Ds  | 300 °Ds         | 1200                   |              |  |
| KAC Walnut                       | 596                   | 10-Apr       | 27-Apr  | 4-May                  | 10-May          | 13-Jun       | 13-Jun  | 20-Jun                 | 24-Jun       | 28-Jun          | 22-Jul     | 25-Jul                 | 1-Aug        | 5-Aug   | 8-Aug           | 8-Sep                  |              |          |                 |                        |              |  |
| KAC Mixed Fruit                  | 596                   | 10-Apr       | 27-Apr  | 4-May                  | 10-May          | 13-Jun       | 13-Jun  | 20-Jun                 | 24-Jun       | 28-Jun          | 22-Jul     | 25-Jul                 | 1-Aug        | 5-Aug   | 8-Aug           | 8-Sep                  |              |          |                 |                        |              |  |
| Fowler Peach                     | 431                   | 10-Apr       | 27-Apr  | 4-May                  | 10-May          | 13-Jun       | 13-Jun  | 20-Jun                 | 24-Jun       | 28-Jun          | 23-Jul     | 31-Jul                 | 7-Aug        | 11-Aug  | 14-Aug          | 16-Sep                 |              |          |                 |                        |              |  |
| Laton Walnut                     | 551                   | 8-Apr        | 26-Apr  | 3-May                  | 9-May           | 13-Jun       | 6-Jun   | 15-Jun                 | 19-Jun       | 22-Jun          | 18-Jul     | 25-Jul                 | 2-Aug        | 6-Aug   | 10-Aug          | 9-Sep                  |              |          |                 |                        |              |  |
| <b>Omnivorous Leafroller</b>     |                       |              | 500 °Ds | 700 °Ds                | 900 °Ds         | 1200         |         | 500 °Ds                | 700 °Ds      | 900 °Ds         | 1200       |                        | 500 °Ds      | 700 °Ds | 900 °Ds         | 1200                   |              | 500 °Ds  | 700 °Ds         | 1200                   |              |  |
| KAC Mixed Fruit                  | 632                   | 20-Mar       | 2-May   | 13-May                 | 20-May          | 6-Jun        | 5-Jun   | 24-Jun                 | 1-Jul        | 8-Jul           | 17-Jul     | *25-Jul                | 11-Aug       | 18-Aug  | 25-Aug          | 6-Sep                  |              |          |                 |                        |              |  |
| Fowler Grapes                    | 817                   | 20-Mar       | 1-May   | 12-May                 | 20-May          | 6-Jun        | 5-Jun   | 24-Jun                 | 2-Jul        | 8-Jul           | 18-Jul     | 18-Jul                 | 5-Aug        | 12-Aug  | 18-Aug          | 30-Aug                 |              |          |                 |                        |              |  |
| Laton Grapes                     | 772                   | 20-Mar       | 1-May   | 12-May                 | 20-May          | 7-Jun        | 5-Jun   | 25-Jun                 | 2-Jul        | 9-Jul           | 18-Jul     | 18-Jul                 | 6-Aug        | 13-Aug  | 20-Aug          | 31-Aug                 |              |          |                 |                        |              |  |
| Mendota Grapes                   | 859                   | 18-Mar       | 30-Apr  | 12-May                 | 20-May          | 6-Jun        | 5-Jun   | 23-Jun                 | 30-Jun       | 8-Jul           | 17-Jul     | 17-Jul                 | 3-Aug        | 10-Aug  | 17-Aug          | 28-Aug                 |              |          |                 |                        |              |  |
| <b>San Jose Scale</b>            |                       |              | 600 °Ds | 700 °Ds                | 1050            |              | 600 °Ds | 700 °Ds                |              | 1050            |            | 600 °Ds                | 700 °Ds      |         | 1050            |                        | 600 °Ds      | 700 °Ds  | 1050            |                        |              |  |
| KAC Mixed Fruit                  | 717                   | 27-Mar       | 17-May  | 20-May                 |                 | 11-Jun       | 5-Jun   | 30-Jun                 | 4-Jul        |                 | 15-Jul     | *20-Jul                | 11-Aug       | 15-Aug  |                 | 29-Aug                 |              |          |                 |                        |              |  |
| Fowler Peach                     | 577                   | 27-Mar       | 16-May  | 20-May                 |                 | 12-Jun       | 13-Jun  | 6-Jul                  | 9-Jul        |                 | 21-Jul     | *25-Jul                | 16-Aug       | 20-Aug  |                 | 4-Sep                  |              |          |                 |                        |              |  |
| Laton Walnut                     | 941                   | 13-Mar       | 11-May  | 16-May                 |                 | 6-Jun        | 5-Jun   | 30-Jun                 | 4-Jul        |                 | 16-Jul     | 10-Jul                 | 2-Aug        | 6-Aug   |                 | 20-Aug                 |              |          |                 |                        |              |  |
| Laton Almond                     | 707                   | 27-Mar       | 16-May  | 20-May                 |                 | 12-Jun       | 5-Jun   | 30-Jun                 | 4-Jul        |                 | 16-Jul     | 18-Jul                 | 11-Jun       | 15-Aug  |                 | 29-Aug                 |              |          |                 |                        |              |  |
| Hwy 33 & I-5 Almond              |                       |              |         |                        |                 |              |         |                        |              |                 |            |                        |              |         |                 |                        |              |          |                 |                        |              |  |
| Firebaugh Almond                 | 1350                  | 27-Mar       | 17-May  | 21-May                 |                 | 13-Jun       | 25-Jun  | 17-Jul                 | 21-Jul       |                 | 4-Aug      |                        |              |         |                 |                        |              |          |                 |                        |              |  |
| <b>Navel Orangeworm</b>          |                       |              | 100 °Ds | 200 °Ds                | 1056            |              | 100 °Ds | 200 °Ds                |              | 750             |            | 100 °Ds                | 200 °Ds      |         | 750             |                        | 100 °Ds      | 200 °Ds  |                 |                        |              |  |
| KAC Walnut                       | 127                   | 8-Apr        | 19-Apr  | 2-May                  |                 | 25-Jun       |         |                        |              |                 |            | 11-Aug                 | 15-Aug       | 19-Aug  |                 | 16-Sep                 |              |          |                 |                        |              |  |
| Laton Walnut                     | 51                    |              |         |                        |                 |              |         |                        |              |                 |            | 14-Aug                 | 17-Aug       | 22-Aug  |                 | 18-Sep                 |              |          |                 |                        |              |  |
| Laton Almond                     | 246                   | 14-Apr       | 27-Apr  | 6-May                  |                 | 28-Jun       |         |                        |              |                 |            | 5-Aug                  | 9-Aug        | 14-Aug  |                 | 8-Sep                  |              |          |                 |                        |              |  |
| Firebaugh Almond                 | 810                   |              |         |                        |                 |              | *11-Jul | 15-Jul                 | 19-Jul       |                 | 13-Aug     |                        |              |         |                 |                        |              |          |                 |                        |              |  |
| Hwy 33 & I-5 Almond              | 469                   | 24-Mar       | 11-Apr  | 24-Apr                 |                 | 22-Jun       | *26-Jun | 30-Jun                 | 5-Jul        |                 | 27-Jul     | 27-Jul                 | 31-Jul       | 4-Aug   |                 | 28-Aug                 |              |          |                 |                        |              |  |
| <b>Oblique-Banded Leafroller</b> |                       |              | 600 °Ds | 1000 °Ds               | 1300            |              | 600 °Ds | 1000 °Ds               |              |                 |            | 600 °Ds                | 1000 °Ds     |         |                 |                        | 600 °Ds      | 1000 °Ds |                 |                        |              |  |
| Laton Almond                     | 736                   | 24-Apr       | 26-May  | 14-Jun                 |                 | 2-Jul        | 4-Jul   | 7-Aug                  | 30-Aug       |                 |            |                        |              |         |                 |                        |              |          |                 |                        |              |  |
| Hwy 33 & I-5 Almond              | 570                   | 24-Apr       | 29-May  | 20-Jun                 |                 | 8-Jul        | 11-Jul  | 17-Aug                 | 8-Sep        |                 |            |                        |              |         |                 |                        |              |          |                 |                        |              |  |
| Firebaugh Almond                 | 390                   | 1-May        | 31-May  | 21-Jun                 |                 | 8-Jul        | 24-Jul  | 27-Aug                 | 16-Sep       |                 |            |                        |              |         |                 |                        |              |          |                 |                        |              |  |

\* estimated start

Red numbers and dates are changes from the last update.

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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