

This report is a summary of weekly scouting from winegrape and juicegrape vineyards in southwest Michigan. It should be used only as a general guide, because pests vary greatly in their abundance from site to site. Scouting your own vineyards is the best way to know whether pest problems are developing in your farm.

Grape Berry Moths in Pheromone Traps (Average # Per Trap)

| Farm | Variety | 6/16 | 6/23 | 6/30 | 7/7 | 7/14 | 7/21 | 7/28 | 8/4 | Farm | 6/30 | 7/7 | 7/14 | 7/21 | |
|--------------|--------------|------|------|------|-----|------|------|------|-----|--------------|------|-----|------|------|------|
| Allegan 1 | Niagara | 57 | 24 | 13 | 9 | 16 | | | | Allegan 1 | 0 | 0.3 | 0 | | |
| Allegan 2 | Chardonnay | 11 | 4 | 3 | 2 | 5 | | | | Allegan 2 | 0.3 | 0.3 | 0.5 | | |
| Van Buren 1 | Concord | 30 | 23 | 17 | 12 | 13 | | | | Van Buren 1 | 3.3 | 5.0 | 6.75 | | |
| Van Buren 2 | Niagara | 18 | 8 | 3 | 3 | 4 | | | | Van Buren 2 | 0 | 0 | 0 | | |
| Berrien 1 | Vignoles | 7 | 6 | 12 | 7 | 6 | | | | Berrien 1 | 1.0 | 2.0 | 6 | | |
| Berrien 2 | Concord | 41 | 26 | 28 | 5 | 1 | | | | Berrien 2 | 0.5 | 0.3 | 1.5 | | |
| Berrien 3 | Merlot, etc. | 9 | 4 | 23 | 3 | 5 | | | | Berrien 3 | 0.3 | 0 | 0 | | |
| Average | | 25 | 13 | 14 | 6 | 7 | | | | Average | | 0.8 | 1.1 | 2.1 | |
| 2004 Average | | 12 | 5 | 2 | 4 | 2.43 | 4 | 2 | 4 | 2004 Average | | 0.1 | 0.1 | 0.3 | 0.73 |

GBM Infested Clusters (#/25 Clusters)

Japanese Beetles (Average # JB's on Five Vines)

| Farm | Variety | 7/7 | 7/14 |
|--------------|--------------|-----|------|
| Allegan 1 | Niagara | 0 | 1 |
| Allegan 2 | Chardonnay | 4 | 3 |
| Van Buren 1 | Concord | 8 | 9 |
| Van Buren 2 | Niagara | 34 | 30 |
| Berrien 1 | Vignoles | 64 | 120 |
| Berrien 2 | Concord | 2 | 1 |
| Berrien 3 | Merlot, etc. | 50 | 10 |
| Average | | 23 | 25 |
| 2004 Average | | 8.5 | 15.8 |

Japanese Beetle Notes:
** JB's remained high this week as adults continued to emerge. Growers with high populations are starting to put on insecticides to prevent defoliation. Take a close look at your own vineyards for any signs of excessive defoliation.



JBs feeding on Riesling leaves at Berrien 3.

Grape Berry Moth Notes:
** GBM infested clusters continue to increase at a faster rate than last year, especially at the high pressure sites. Keep a close eye on high pressure sites as late season GBM could be quite a problem this year.



GBM infested berry at Berrien 1.

Disease Level Rankings: None, Trace, Low, Moderate, High, Very High

| Farm | Variety | Black Rot | Downy Mildew | Phomopsis | Powdery |
|-------------|--------------|-----------|--------------|-----------|---------|
| | | Leaf | Leaf | Leaf | Leaf |
| Allegan 1 | Niagara | None | None | None | None |
| Allegan 2 | Chardonnay | None | None | Trace | None |
| Van Buren 1 | Concord | None | None | Trace | None |
| Van Buren 2 | Niagara | None | None | Trace | None |
| Berrien 1 | Vignoles | None | None | Low | None |
| Berrien 2 | Concord | None | None | Trace | None |
| Berrien 3 | Merlot, etc. | None | None | Trace | None |

Disease Notes:
** Disease levels remain where they have for the past month, with only trace amounts of phomopsis showing up in scouting.

Current Growth Stages:

Growing Degree Days (Base 50)

Starting March 1:

| SITE | 6/23 | 6/30 | 7/7 | 7/14 |
|------------------------------|------|------|------|------|
| Fennville | 814 | 1008 | 1131 | 1296 |
| Gd. Junction | 961 | 1140 | 1278 | 1451 |
| Hartford | 835 | 1026 | 1151 | 1306 |
| SWMREC | 901 | 1114 | 1250 | 1423 |
| Watervliet | 941 | 1153 | 1291 | 1460 |

Starting April 1:

| 7/7 | 7/14 |
|------|------|
| 1111 | 1276 |
| 1253 | 1426 |
| 1131 | 1286 |
| 1228 | 1402 |
| 1268 | 1437 |

[Click here for more information on GDDs](#)

Previous Year GDDs on July 14 (March 1 Start):

| 2004 | 2003 | 2002 | 2001 |
|------|------|------|------|
| 1097 | 976 | 1159 | 1102 |
| 1359 | 1205 | 1338 | 1190 |
| 1233 | NA | NA | NA |
| 1300 | 1162 | 1329 | 1226 |
| 1344 | 1181 | 1323 | NA |