

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)

### GBM Infested Clusters (#/25 Clusters)

Farm	Variety	7/14	7/21	7/28	8/4	8/11	8/18	Farm	7/14	7/21	7/28	8/4	8/11	8/18
Allegan 1	Niagara	16	14	15	20	7	10	Allegan 1	0	0	0.3	0.3	1.8	2.8
Allegan 2	Chardonnay	5	4	10	6	2	9	Allegan 2	0.5	0.5	1.0	1.0	2.5	3.0
Van Buren 1	Concord	13	4	2	3	8	6	Van Buren 1	6.8	10	10.3	8.3	12.8	13.0
Van Buren 2	Niagara	4	5	7	5	3	4	Van Buren 2	0	0.3	0.0	0.0	0.0	0.0
Berrien 1	Vignoles	6	0	1	7	1	1	Berrien 1	6	4.5	2.0	3.5	8.8	12.0
Berrien 2	Concord	1	4	3	11	3	1	Berrien 2	1.5	0	0.5	0.0	0.8	0.3
Berrien 3	Merlot, etc.	5	8	13	11	5	4	Berrien 3	0	1	0.8	0.8	1.8	1.0
Average		7.1	5.7	7.2	9.0	4.0	4.7	Average	2.1	2.3	2.1	2.0	4.0	4.6
2004 Average		2.4	3.6	2.3	3.8	4.2	9.7		0.3	0.7	1.0	0.7	1.5	2.1

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

Farm	Variety	8/4	8/11	8/18	Japanese Beetle Notes:
Allegan 1	Niagara	6	0	0	<p>** JB's are only present in low numbers and shouldn't be a problem anymore.</p> <p><i>JB feeding on grape leaf at Van Buren 1.</i></p>
Allegan 2	Chardonnay	0	0	2	
Van Buren 1	Concord	0	2	0	
Van Buren 2	Niagara	16	2	3	
Berrien 1	Vignoles	7	0	0	
Berrien 2	Concord	1	2	0	
Berrien 3	Merlot, etc.	5	0	0	
Average		5.0	1.0	0.7	
2004 Average		6.0	1.7	1.5	

**Grape Berry Moth Notes:**

\*\* GBM infested clusters increased slightly at most sites. Many of the infestations are older and should be dropping to the ground soon. However, new infestations are starting to show up and should continue to increase as more eggs hatch.

*GBM infested berry at Van Buren 1.*

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

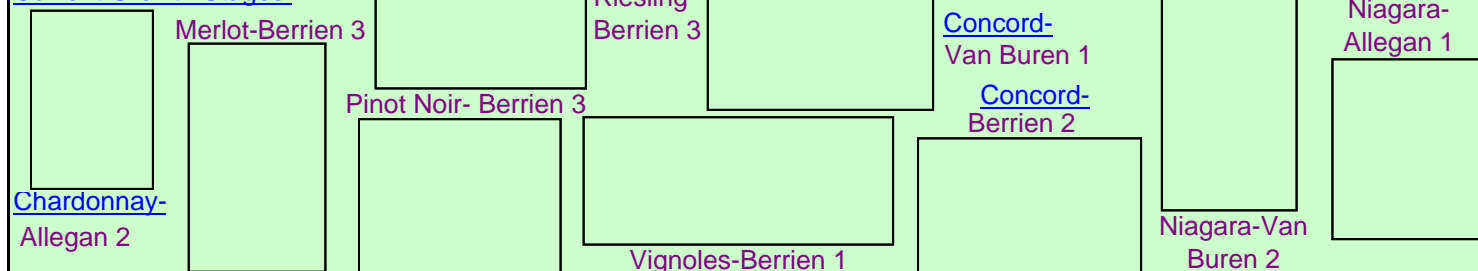
Farm	Variety	Black Rot	Downy Mildew	Phomopsis	Powdery
		Cluster	Cluster	Cluster	Cluster
Allegan 1	Niagara	None	None	None	None
Allegan 2	Chardonnay	None	None	Low	None
Van Buren 1	Concord	Trace	None	Trace	None
Van Buren 2	Niagara	Trace	None	None	None
Berrien 1	Vignoles	None	None	Trace	None
Berrien 2	Concord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

**Disease Notes:**

\*\* A little black rot and phomopsis is showing up at a few sites but otherwise everything is very low.

*Black rot berry at Van Buren 1.*

### Current Growth Stages:



### Growing Degree Days (Base 50)

#### Starting March 1:

SITE	7/28	8/4	8/11	8/18
<a href="#">Fennville</a>	1636	1809	1969	2114
<a href="#">Gd. Junction</a>	1808	1989	2159	2316
<a href="#">Hartford</a>	1627	1789	1943	2081
<a href="#">SWMREC</a>	1771	1947	2118	2267
<a href="#">Watervliet</a>	1814	1903	2165	2316

#### Starting April 1:

8/11	8/18
1949	2094
2135	2291
1924	2062
2096	2246
2142	2293

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

### Previous Year GDDs on August 18 (March 1 Start):

2004	2003	2002	2001
1632	1637	1961	1879
1958	1933	2204	1967
1772	NA	NA	NA
1892	1877	2174	2071
1936	1909	2192	NA

For more information on this project, contact Steve at (517) 242 1282

More information on Vineyard IPM is available online at: [www.grapes.msu.edu](http://www.grapes.msu.edu)

All photos: Steve Van Timmeren