



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	7/7	7/14	7/21	7/28	
Allegan 1	Niagara	57	24	13	9	16	14	15		Allegan 1	0.3	0	0	0.3	
Allegan 2	Chardonnay	11	4	3	2	5	4	10		Allegan 2	0.3	0.5	0.5	1.0	
Van Buren 1	Concord	30	23	17	12	13	4	2		Van Buren 1	5	6.8	10	10.3	
Van Buren 2	Niagara	18	8	3	3	4	5	7		Van Buren 2	0	0	0.3	0.0	
Berrien 1	Vignoles	7	6	12	7	6	0	1		Berrien 1	2	6	4.5	2.0	
Berrien 2	Concord	41	26	28	5	1	4	3		Berrien 2	0.3	1.5	0	0.5	
Berrien 3	Merlot, etc.	9	4	23	3	5	8	13		Berrien 3	0	0	1	0.8	
Average		25	13	14	6	7	6	7		Average		1.1	2.1	2.3	2.1
2004 Average		12	5	2	4	2	4	2	4			0.1	0.3	0.7	1.0

GBM Infested Clusters (#/25 Clusters)

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

Farm	Variety	7/21	7/28	Japanese Beetle Notes:	Grape Berry Moth Notes:
Allegan 1	Niagara	5	13	<p>** Most sites maintained low numbers of JB's. A couple of sites had slightly higher numbers that may or may not develop into problem spots. This emphasizes the importance of keeping an eye on your vineyards to prevent major damage.</p>  <p><i>JBs mating and feeding on leaf at Van Buren 2.</i></p>	<p>** GBM trap captures were up slightly indicating the next generation of adults are flying. Growers with higher pressure sites should be applying an insecticide within the next week or two to provide some control.</p>  <p><i>GBM infested berry at Berrien 1.</i></p>
Allegan 2	Chardonnay	15	0		
Van Buren 1	Concord	10	0		
Van Buren 2	Niagara	58	17		
Berrien 1	Vignoles	1	2		
Berrien 2	Concord	3	3		
Berrien 3	Merlot, etc.	1	5		
Average		13	5		
2004 Average		4.6	2.3		

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	Trace	None	None	None
Allegan 2	Chardonnay	None	None	Trace	None
Van Buren 1	Concord	None	None	None	None
Van Buren 2	Niagara	None	None	None	Trace
Berrien 1	Vignoles	None	None	Trace	None
Berrien 2	Concord	None	None	None	None
Berrien 3	Merlot, etc.	None	None	None	None

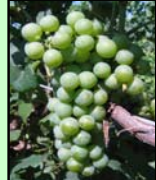

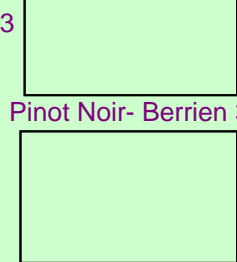
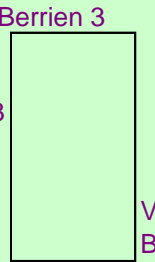

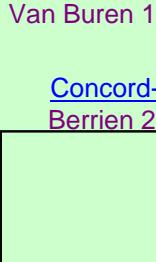
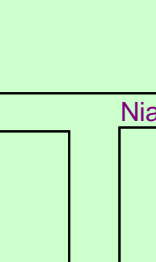
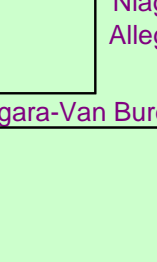
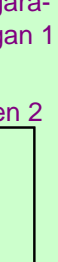
Disease Notes:

**Disease levels remain low with all the dry weather. Keep an eye on your vineyards, though, just in case something begins to show up.

Powdery mildew cluster infection.



Current Growth Stages:

 Chardonnay-Allegan 2	 Merlot-Berrien 3	 Pinot Noir-Berrien 3	 Riesling-Berrien 3	 Vignoles-Berrien 1	 Concord-Van Buren 1	 Concord-Berrien 2	 Niagara-Allegan 1	 Niagara-Van Buren 2
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Growing Degree Days (Base 50)

Starting March 1:

SITE	7/7	7/14	7/21	7/28
Fennville	1131	1296	1478	1636
Gd. Junction	1278	1451	1639	1808
Hartford	1151	1306	1473	1627
SWMREC	1250	1423	1606	1771
Watervliet	1291	1460	1645	1814

Starting April 1:

7/21	7/28
1458	1616
1614	1784
1454	1607
1584	1750
1622	1791

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

Previous Year GDDs on July 28 (March 1 Start):

2004	2003	2002	2001
1340	1231	1500	1416
1621	1484	1706	1509
1471	NA	NA	NA
1540	1434	1690	1573
1604	1457	1693	NA