

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	7/14	7/21	7/28	8/4
Allegan 1	Niagara	57	24	13	9	16	14	15	20	Allegan 1	0	0	0.3	0.3
Allegan 2	Chardonnay	11	4	3	2	5	4	10	6	Allegan 2	0.5	0.5	1.0	1.0
Van Buren 1	Concord	30	23	17	12	13	4	2	3	Van Buren 1	6.8	10	10.3	8.3
Van Buren 2	Niagara	18	8	3	3	4	5	7	5	Van Buren 2	0	0.3	0.0	0.0
Berrien 1	Vignoles	7	6	12	7	6	0	1	7	Berrien 1	6	4.5	2.0	3.5
Berrien 2	Concord	41	26	28	5	1	4	3	11	Berrien 2	1.5	0	0.5	0.0
Berrien 3	Merlot, etc.	9	4	23	3	5	8	13	11	Berrien 3	0	1	0.8	0.8
Average		25	13	14	6	7	6	7	9	Average	2.1	2.3	2.1	2.0
2004 Average		12	5	2	4	2	4	2	4		0.3	0.7	1.0	0.7

GBM Infested Clusters (#/25 Clusters)

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

Farm	Variety	7/28	8/4	Japanese Beetle Notes:	Grape Berry Moth Notes:
Allegan 1	Niagara	13	6	<p>** Most sites continue to experience low levels of JB's. Van Buren 2 has more JB's than the other sites, but the numbers haven't increased for 2 weeks. Make sure to scout your own vineyards for any isolated JB hot spots that may still show up.</p> <p><i>JBs mating on defoliated leaf at Van Buren 2.</i></p>	<p>** GBM trap catches are up again, indicating the next adult flight is under-way. GBM infestation remained the same but should potentially increase as eggs laid now begin to hatch.</p> <p>Insecticide sprays for this generation should be applied now.</p> <p><i>GBM infested berry at Van Buren 1.</i></p>
Allegan 2	Chardonnay	0	0		
Van Buren 1	Concord	0	0		
Van Buren 2	Niagara	17	16		
Berrien 1	Vignoles	2	7		
Berrien 2	Concord	3	1		
Berrien 3	Merlot, etc.	5	5		
Average		5	5		
2004 Average		2.3	6.0		

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

Disease Notes:
<p>** Even though disease levels remain fairly low, make sure to keep an eye on your vineyards as hot spots may still show up before harvest.</p> <p><i>Black rot berry at Van Buren 1.</i></p>

Current Growth Stages:

Growing Degree Days (Base 50)

Starting March 1:

SITE	7/14	7/21	7/28	8/4
Fennville	1296	1478	1636	1809
Gd. Junction	1451	1639	1808	1989
Hartford	1306	1473	1627	1789
SWMREC	1423	1606	1771	1947
Watervliet	1460	1645	1814	1903

Starting April 1:

7/28	8/4
1616	1789
1784	1965
1607	1769
1750	1926
1791	1880

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

Previous Year GDDs on August 4 (March 1 Start):

2004	2003	2002	2001
1478	1367	1678	1593
1769	1627	1900	1689
1606	NA	NA	NA
1704	1576	1883	1761
1750	1602	1889	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

All photos: Steve Van Timmeren