

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	6/23	6/30	7/7	7/14	7/21	7/28	8/4	8/11	Farm	7/21	7/28	8/4	8/11
Allegan 1	Niagara	24	13	9	16	14	15	20	7	Allegan 1	0	0.3	0.3	1.8
Allegan 2	Chardonnay	4	3	2	5	4	10	6	2	Allegan 2	0.5	1.0	1.0	2.5
Van Buren 1	Concord	23	17	12	13	4	2	3	8	Van Buren 1	10	10.3	8.3	12.8
Van Buren 2	Niagara	8	3	3	4	5	7	5	3	Van Buren 2	0.3	0.0	0.0	0.0
Berrien 1	Vignoles	6	12	7	6	0	1	7	1	Berrien 1	4.5	2.0	3.5	8.8
Berrien 2	Concord	26	28	5	1	4	3	11	3	Berrien 2	0	0.5	0.0	0.8
Berrien 3	Merlot, etc.	4	23	3	5	8	13	11	5	Berrien 3	1	0.8	0.8	1.8
Average		13	14	6	7	6	7	9	4	Average	2.3	2.1	2.0	4.0
2004 Average		5	2	4	2	4	2	4	4		0.7	1.0	0.7	1.5

GBM Infested Clusters (#/25 Clusters)

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

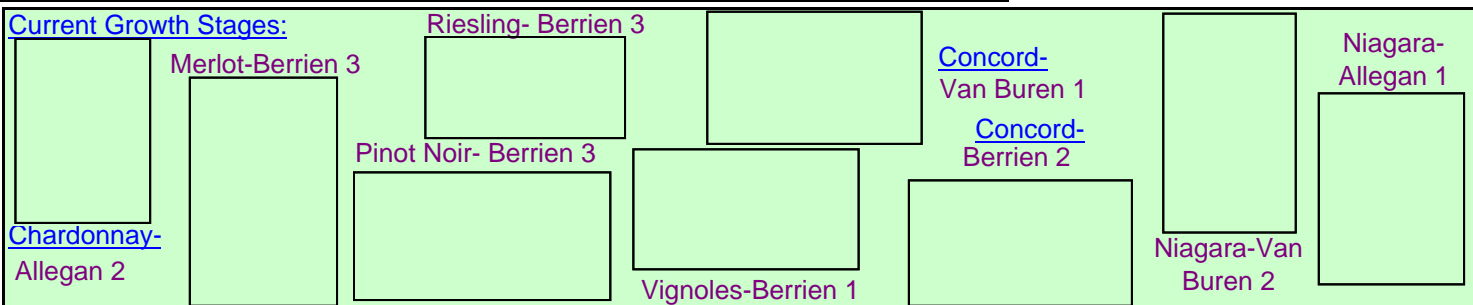
Farm	Variety	8/4	8/11	Japanese Beetle Notes:
Allegan 1	Niagara	6	0	<p>** JB's dropped down to near zero at all of the sites. While isolated hot spots of JB's could still pop up, populations should remain low for the rest of the season.</p> <p><i>JBs mating on defoliated leaf at Van Buren 2.</i></p>
Allegan 2	Chardonnay	0	0	
Van Buren 1	Concord	0	2	
Van Buren 2	Niagara	16	2	
Berrien 1	Vignoles	7	0	
Berrien 2	Concord	1	2	
Berrien 3	Merlot, etc.	5	0	
Average		5	1	
2004 Average		6.0	1.7	

Grape Berry Moth Notes:
<p>** GBM infestation increased quite a bit this week as eggs began to hatch. Keep a close eye on your vineyards, especially if you have later-ripening varieties, as infestation could become a problem as we move into September.</p> <p><i>GBM infested berry at Van Buren 1.</i></p>

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>** Disease levels are still very low, but keep an eye on your vineyards as the recent rain may increase disease levels.</p> <p><i>Black rot berry at Van Buren 1.</i></p>



Growing Degree Days (Base 50)

SITE	Starting March 1:			
	7/21	7/28	8/4	8/11
Fennville	1478	1636	1809	1969
Gd. Junction	1639	1808	1989	2159
Hartford	1473	1627	1789	1943
SWMREC	1606	1771	1947	2118
Watervliet	1645	1814	1903	2165

Starting April 1: [Click here for more information on GDDs](#)

8/4	8/11
1789	1949
1965	2135
1769	1924
1926	2096
1880	2142

Previous Year GDDs on August 11 (March 1 Start):

2004	2003	2002	2001
1553	1499	1806	1768
1871	1766	2038	1859
1698	NA	NA	NA
1806	1708	2010	1949
1852	1739	2029	NA