

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.

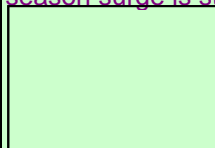
Grape Berry Moths in Pheromone Traps (Average # Per Trap)

GBM Infested Clusters (#/25 Clusters)

Farm	Variety	7/21	7/28	8/4	8/11	8/18	8/25	Farm	7/21	7/28	8/4	8/11	8/18	8/25
Allegan 1	Niagara	14	15	20	7	10	4	Allegan 1	0	0.3	0.3	1.8	2.8	4.3
Allegan 2	Chardonnay	4	10	6	2	9	1	Allegan 2	0.5	1.0	1.0	2.5	3.0	1.5
Van Buren 1	Concord	4	2	3	8	6	2	Van Buren 1	10	10.3	8.3	12.8	13.0	13.0
Van Buren 2	Niagara	5	7	5	3	4	1	Van Buren 2	0.3	0.0	0.0	0.0	0.0	0.0
Berrien 1	Vignoles	0	1	7	1	1	3	Berrien 1	4.5	2.0	3.5	8.8	12.0	12.5
Berrien 2	Concord	4	3	11	3	1	1	Berrien 2	0	0.5	0.0	0.8	0.3	0.5
Berrien 3	Merlot, etc.	8	13	11	5	4	1	Berrien 3	1	0.8	0.8	1.8	1.0	0.5
Average		5.7	7.2	9.0	4.0	4.7	1.8	Average	2.3	2.1	2.0	4.0	4.6	4.6
2004 Average		3.6	2.3	3.8	4.2	9.7	7.8		0.7	1.0	0.7	1.5	2.1	2.2

Grape Berry Moth Notes:

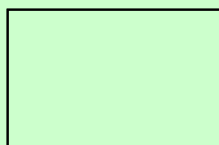
**GBM infested clusters stayed the same on average this week as older clusters continue to fall off and new infestations continue to show up. Keep a close eye on late-harvested varieties as a late season surge is still possible.



Old GBM infested cluster at Van Buren 1.

Japanese Beetle Notes:

** Only a few straggler JB's were seen at a couple of sites. The danger from JB's is over for the season.



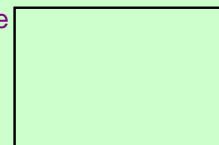
JB feeding on grape leaf at Van Buren 1.

Ladybeetle Notes:

** Only a few multi-colored Asian ladybeetles were seen during scouting. Keep a close eye on your vineyards as we head into September and the beetles begin to congregate in larger numbers.

[Click here](#)

for more information



Asian ladybeetles feeding on this insect. Niagara grape.

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 still very low.

Black rot berry at Van Buren 1.

Current Growth Stages:

Growing Degree Days (Base 50)

Starting March 1:

SITE	8/4	8/11	8/18	8/25
Fennville	1809	1969	2114	2234
Gd. Junction	1989	2159	2316	2541
Hartford	1789	1943	2081	2193
SWMREC	1947	2118	2267	2397
Watervliet	1903	2165	2316	2442

Starting April 1:

8/18	8/25
2094	2214
2291	2517
2062	2174
2246	2376
2293	2420

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

Previous Year GDDs on August 25 (March 1 Start):

2004	2003	2002	2001
1740	1796	2087	2004
2172	2209	2339	2091
1878	NA	NA	NA
2004	2049	2309	2205
2050	2081	2326	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