

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 Moth Notes:
** GBM adult flight appears to be decreasing at the same time that larvae are starting to show up in clusters. High pressure sites are seeing quite a few infested clusters

showing up, especially along woods edges. Many berries are large enough now that the larvae are burrowing into them, making infestations a little bit harder to see. Scouting for infested clusters now can give you a good idea where your problem areas will be later on.



Infested Concord berry at the Van Buren site.

Leafhopper Notes:
** Leafhopper numbers are low right now, but keep a close eye on your vineyards as populations can increase in a hurry. Look for nymphs under leaves or look for leaves that are yellowing or cupping.

Site	Average Number of GBM in Traps (Average of 4 Traps Per Site)				
	6/1	6/8	6/15	6/22	6/30
Allegan	3	0.3	1	3	1
Berrien 1	2.3	3	2	10	6
Berrien 2	13	33	51	22	22
Van Buren	4.5	7.5	19	63	29

Site	Percent GBM Infested Clusters (25 Clusters Scouted at 4 Locations at Each Site)	
	6/22	6/30
Allegan	0	0
Berrien 1	0	1
Berrien 2	0	2
Van Buren	0	5

Japanese Beetle Notes:
** Japanese beetles are emerging right now, especially at the Berrien 1 site. Look for populations to keep increasing, especially if we get a good rain. Regular scouting can help you keep track of how much damage the beetles are doing in your vineyards and

can help you time your sprays better.

Site	Avg. # JB's Per Vine (Out of 5 vines scouted at 4 Locations at Each Site)	
	6/22	6/30
Allegan	0	0
Berrien 1	0	3.7
Berrien 2	0	0.1
Van Buren	0	0



Japanese beetle feeding on grape leaf at Berrien 1.



Phomopsis leaf spots at Berrien 1.

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

Farm	Variety	Black Rot	Downy Mildew	Phomopsis	Powdery Mildew
		Leaf	Leaf	Leaf	Leaf
Allegan	Chardonnay	None	None	None	None
Berrien 1	Vignoles	None	None	Low	None
Berrien 2	Concord	None	None	Trace	None
Van Buren	Concord	None	None	Trace	None

Disease Notes:
** Phomopsis leaf spots are declining as the leaf canopy increases. You should begin looking for diseases on clusters soon to see what problems you may have closer to harvest

Other Notes:

** For pictures of some of the other insects that may show up in your vineyard [click here](#).

Current Growth Stages:

Concord-Berrien 2	Chardonnay-Allegan	Vignoles-Berrien 1
<p>As of June 30</p>	<p>As of June 30</p>	<p>As of June 30</p>

Concord- Van Buren

[Click Here](#) for more detailed growth information from the sites.

Growing Degree Days (Base 50)

Starting March 1:

SITE	6/27	7/2
Fennville	810	902
Gd. Junction	994	1098
Hartford	850	943
Lawton	NA	NA
St. Joseph	954	1059
SWMREC	882	1003
Watervliet	962	1063

Starting April 1:

6/27	7/2
782	874
955	1060
819	912
931	1033
913	1018
848	970
925	1027

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

Previous Year GDDs on July 2 (March 1 Start):

2005	2004	2003
1039	907	742
1201	1116	945
1054	1013	NA
NA	NA	NA
NA	NA	NA
1149	1060	899
1184	1103	919

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: Steven Van Timmeren