

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:

** Infested clusters are showing up at all sites, especially along woods edges. The Van Buren site, which is receiving minimal sprays because of frost

damage, saw a sharp increase in infested clusters. Scouting for infested clusters is getting easier, especially in Concord vineyards where infested berries turn color prematurely. Make sure to watch for GBM infested clusters so you aren't surprised later on in the season.



Infested Concord cluster at the Berrien 2 site.

Site	Average Number of GBM in Traps (Average of 4 Traps Per Site)				
	6/8	6/15	6/22	6/30	7/7
Allegan	0.3	1	3	1	1
Berrien 1	3	2	10	6	8
Berrien 2	33	51	22	22	3
Van Buren	7.5	19	63	29	24

Site	Percent Clusters Infested With GBM (25 Clusters Scouted at 4 Locations at Each Site)		
	6/22	6/30	7/7
Allegan	0	0	1
Berrien 1	0	1	3
Berrien 2	0	2	5
Van Buren	0	5	28

Japanese Beetle Notes:

** Japanese beetles were seen in decent numbers at all sites except the Allegan site. Don't be afraid to let the beetles eat some foliage, as established vines can usually handle some feeding damage. Scouting can help you determine the best time to spray.

Site	Avg. # JB's Per Vine (Out of 5 vines scouted at 4 Locations at Each Site)		
	6/22	6/30	7/7
Allegan	0	0	0
Berrien 1	0	3.7	4.7
Berrien 2	0	0.1	3.2
Van Buren	0	0	4.2



Japanese beetle feeding on Concord leaf at Berrien 2

Leafhopper Notes:

** Leafhopper numbers remain low, 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.

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	Trace	None	Low	None
Berrien 2	Concord	None	None	Trace	None
Van Buren	Concord	None	None	Trace	None

Disease Notes:

** Phomopsis lesions are being found on clusters. Downy mildew has been seen on clusters around the region, although none has shown up in scouting at the four sites scouted for this report.



Phomopsis rachis infection at Van Buren site.

Other Notes:

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

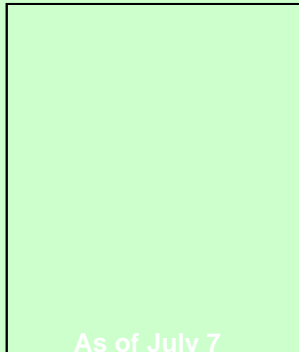
Current Growth Stages:

Concord-Berrien 2

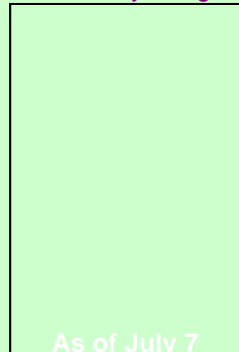
Chardonnay-Allegan



As of July 7
Concord- Van Buren



As of July 7



As of July 7



As of July 7
Vignoles- Berrien 1

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

Growing Degree Days (Base 50)

Starting March 1:

SITE	7/2	7/9
Fennville	902	1031
Gd. Junction	1098	1237
Hartford	943	1067
Lawton	NA	NA
St. Joseph	1059	1196
SWMREC	1003	1140
Watervliet	1063	1181

Starting April 1:

7/2	7/9
874	1003
1060	1198
912	1036
1033	1172
1018	1160
970	1105
1027	1144

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

Previous Year GDDs on July 9 (March 1 Start):

2005	2004	2003	2002
1168	1011	895	1070
1317	1246	1113	1240
1184	1131	NA	NA
NA	NA	NA	NA
NA	NA	NA	NA
1290	1191	1069	1232
1331	1233	1088	1227

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