

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 Growth Notes:

** Cluster estimates show a slight increase as more secondary clusters become visible. If you suffered frost damage this year, make sure to get out and estimate your crop, especially once we get past bloom, as the crop load will affect your management decisions. For an article on management in a frost year [click here.](#)

Site	Average Number of Clusters Per Vine	
	5/25	6/1
Allegan	36	58
Berrien 1	46	45
Berrien 2	15	21
Van Buren	26	42

Leafhopper Notes:

** Potato leafhoppers have begun showing up on leaves in all four vineyards and grape leafhoppers have begun to show up at the Berrien 2 site. This is a couple of weeks earlier than when they began showing up last year and about the same time they began showing up in 2004. Keep a close eye on your vineyards so you'll know how many leafhoppers you have and whether they may begin to cause damage. If you would like to see any of the scouting reports from earlier this year or from 2004 or 2005 [click here.](#)

Grape Berry Moth Notes:

Site	Average Number of GBM Per Trap			
	5/16	5/19	5/25	6/1
Allegan	0.5	0	1	3
Berrien 1	2	0.3	3.5	2.3
Berrien 2	0.3	0	2	13
Van Buren	4	0.5	0.3	4.5

** Grape berry moth adult trap catches were up last week as more adults emerged with the warm weather. Egg laying should begin within the next couple of weeks, so keep a close eye out in your vineyards.



Grape berry moth caught in monitoring trap.

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 showing up at 3 of the 4 sites, with most spots being fairly small. However, at the Berrien 1 site most of the leaves had at least a few leaf spots.



Phomopsis leaf spots at Berrien 1.

Current Growth Stages:



As of June 1
Concord- Van Buren



As of June 1
Concord-Berrien 2



As of June 2
Chardonnay-Allegan



As of June 1
Vignoles- Berrien 1

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

Growing Degree Days (Base 50)

Starting March 1:

SITE	5/30	6/6
Fennville	385	483
Gd. Junction	500	615
Hartford	417	516
Lawton	NA	NA
St. Joseph	471	581
SWMREC	445	549
Watervliet	477	589

Starting April 1:

5/30	6/6
357	455
461	576
386	485
438	556
435	544
410	514
440	552

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

Previous Year GDDs on June 6 (March 1 Start):

2005	2004	2003
365	441	303
457	570	426
379	524	NA
NA	NA	NA
NA	NA	NA
421	527	385
439	550	392

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