

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:

** No grape berry moth adults were caught in traps this week. Emergence should begin sometime in the next couple of weeks, so if you want to set up your own monitoring traps you should do so now. Traps and pheromones can be obtained from companies such as [Great Lakes IPM*](#) and [Suterra*](#).

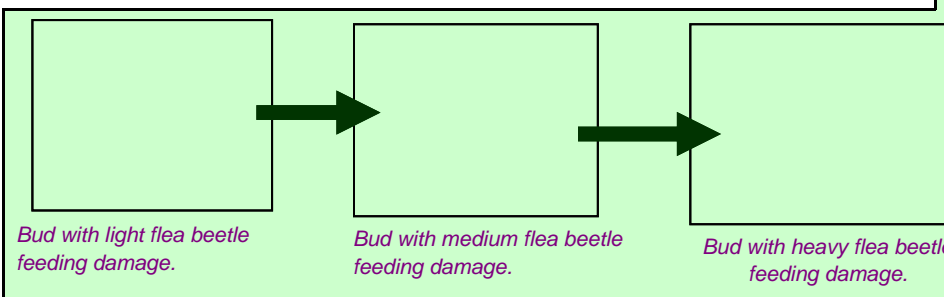


Grape berry moth monitoring trap set up at vineyard edge.

*Mention of companies is for informational purposes only and not meant as an endorsement of particular companies.

Grape Flea Beetle Notes:

** Flea beetle damage has been seen to some extent at all sites. You need to scout your vineyards to determine whether a spray is necessary. Whether you spray should depend both on how much feeding damage is on the buds and how severe the damage is (see pictures below left). Buds with light feeding damage will push through with no harm to the clusters, while heavily damaged clusters probably won't. Early varieties are almost past the danger point while later varieties are still very vulnerable.



Grape Flea Beetle Damaged Bud Scouting Data

Site	Percent Buds Damaged	
	Border	Interior
Allegan	2%	2%
Berrien 1	0%	2%
Berrien 2	12%	14%
Van Buren	44%	5%

Climbing Cutworm Notes:

** Cutworm damage has been reported in the region, but no damage was seen at the four sites scouted for this report. It's important to take a look in your vineyards because when cutworms are present damage can be severe.

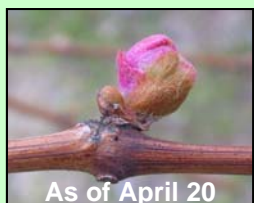


Cutworm-damaged bud (left) and undamaged bud (right) from 2005.

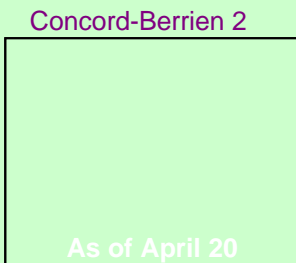
Other Notes:

** [Dormant sprays](#) of sulfur or copper need to be applied now before any foliage comes out.

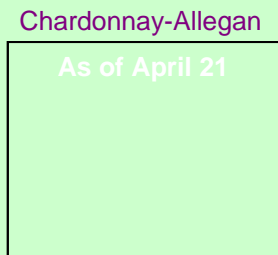
Current Growth Stages:



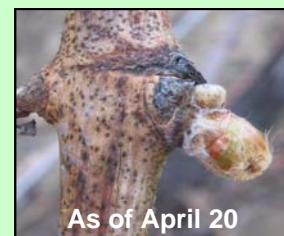
As of April 20
Concord-Van Buren



As of April 20



As of April 21



As of April 20
Vignoles- Berrien 1

Growing Degree Days (Base 50)

Starting March 1:

SITE	4/13	4/20
Fennville	66	119
Gd. Junction	89	159
Hartford	73	133
Lawton	NA	NA
St. Joseph	87	152
SWMREC	83	147
Watervliet	87	156

Starting April 1:

4/13	4/20
38	90
50	120
42	102
47	115
50	115
48	112
50	119

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

Previous Year GDDs on April 17 (March 1 Start):

2005	2004	2004
154	112	103
205	155	148
171	141	NA
NA	NA	NA
NA	NA	NA
180	140	155
192	146	147

For more information on this project, contact Steve at (517) 242 1282

More information on Vineyard IPM is available online www.grapes.msu.edu

All photos: Steve Van Timmeren