

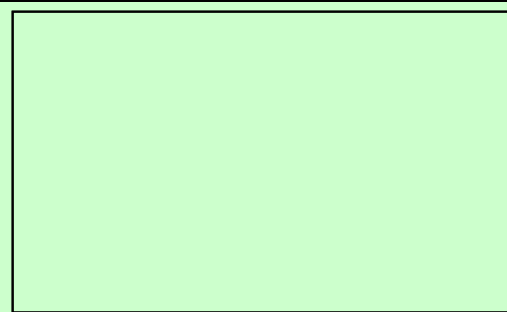
This report is a summary of weekly scouting from winegrape and juicegrape vineyards in southwest Michigan. It should be used only as a general guide, because pests vary greatly in their abundance from site to site. Scouting your own vineyards is the best way to know whether pest problems are developing in your farm.

Grape Berry Moth notes:

** Grape berry moth pheromone traps were set up this week at each of the four sites scouted for this report. Adult moth emergence is expected to begin within the next couple of weeks, depending on the temperatures. If you would like to set up your own monitoring traps you should do so soon. Delta traps and grape berry moth pheromone lures can be obtained from various companies such as [Great Lakes IPM*](#) and [Suterra*](#).

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

Grape berry moth monitoring trap set up at Berrien 1 site.



Grape Flea Beetle Notes:

** Flea beetles have been seen in a couple of vineyards. Numbers have been low and very little feeding damage has been seen. As long as the weather remains warm and the buds push out fast enough, they should not become a problem. It's worth looking along the borders of your vineyard, though, in case you have any hot spots.

Bud with flea beetle damage from 2005.



Mating flea beetles at Van Buren site.



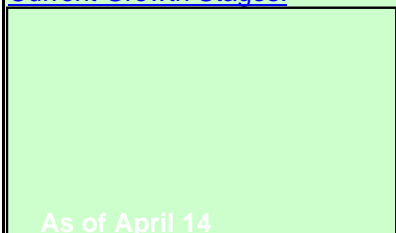
Climbing Cutworm Notes:

** Cutworm damage has been reported in the region, but no damage was seen at the four sites scouted for this report. Keep a close eye out for buds that are completely missing, as this is usually an indication cutworms have been feeding. If you find buds with holes chewed in them, this is most likely an indication of grape flea beetle feeding damage (see above).



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

Current Growth Stages:



As of April 14

Concord-Van Buren



As of April 17

Vignoles- Berrien 1

Other Notes:

** Any [dormant sprays](#) for phomopsis control should be applied now.

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

Growing Degree Days (Base 50)

Starting March 1:

SITE	4/13	4/17
Fennville	66	93
Gd. Junction	89	126
Hartford	73	107
Lawton	NA	NA
St. Joseph	87	122
SWMREC	83	117
Watervliet	87	125

Starting April 1:

4/13	4/17
38	65
50	87
42	76
47	86
50	85
48	83
50	88

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

2005	2004
96	78
157	113
128	102
NA	NA
NA	NA
114	101
145	106