

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:**

*Assessment of state of growth of grape vine buds.*

\*\* New buds are just starting to push out in the two Concord vineyards (Berrien 2 and Van Buren), indicating that the tertiary buds are probably beginning to come out. The few primary shoots that survived in the Concord vineyards are almost a foot long by now, while the wine grape vineyard primaries are around four inches long. We are getting close to the point where more accurate cluster estimates can be made. Getting out in your vineyard and counting the number of clusters you have left can help with management decisions this year. For an article on insect and disease management in a frost damage year [click here.](#)

Site	% Bud Swell	% Bud Burst	% 1-8" Shoots	% Dead Buds
Allegan	9	10	39	43
Berrien 1	5	17	41	39
Berrien 2	10	5	4	82
Van Buren	7	9	11	72



*Frost damaged bud (left) and new bud (right) starting to push out at Van Buren site.*

**Grape Berry Moth Notes:**

Site	Average Number of GBM Per Trap			
	4/30	5/9	5/16	5/19
Allegan	0	0.5	0.5	0
Berrien 1	0	3	2	0.3
Berrien 2	0	0.3	0.3	0
Van Buren	0	4	4	0.5

\*\* Grape berry moth trap numbers were quite low this week as the cold wet weather kept them from coming out. Look for many more to come out with the warm weather later this week.

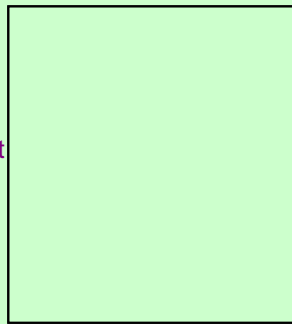


*Grape berry moth caught in monitoring trap.*

**Grape Flea Beetle Notes:**

\*\* Flea beetles are still around but the danger from them is decreasing as the primary and secondary shoots continue to grow. Most damage on the primaries and secondaries is on the leaves. Damage to young buds is still being seen, but as most of these are probably non-fruiting shoots, the damage isn't as much of an issue.

*Flea beetle feeding on young shoot at Van Buren site.*

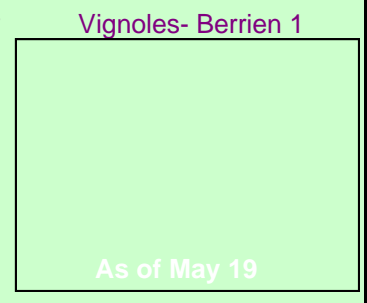
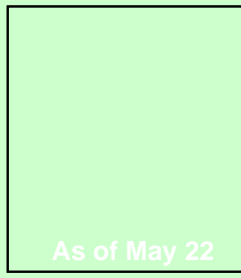
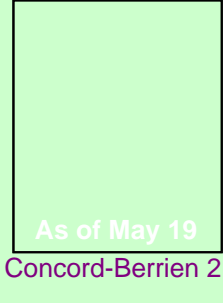
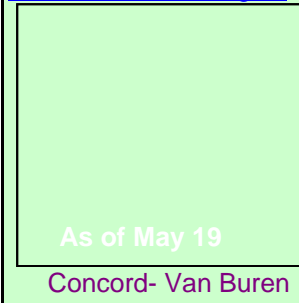


**Disease Notes:**

\*\* Leaf spots seen at the Berrien 1 site are most likely phomopsis spots. Even if your vineyard has suffered heavy frost damage you should still keep a close eye on diseases, as letting them get out of control this season could potentially cause problems for next year's crop.

**Current Growth Stages:**

*Note: growth stage pictures only show where the majority of shoots are at. There are shoots that are longer and shorter than the ones pictured here.*



**Growing Degree Days (Base 50)**

**Starting March 1:**

SITE	5/17	5/23
<a href="#">Fennville</a>	241	256
<a href="#">Gd. Junction</a>	324	349
<a href="#">Hartford</a>	259	278
<a href="#">Lawton</a>	NA	NA
<a href="#">St. Joseph</a>	297	328
<a href="#">SWMREC</a>	280	300
<a href="#">Watervliet</a>	303	327

**Starting April 1:**

5/17	5/23
213	228
285	309
228	246
266	290
254	288
245	265
266	290

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

**Previous Year GDDs on May 23 (March 1 Start):**

2005	2004	2003
305	394	270
400	515	378
333	482	NA
NA	NA	NA
NA	NA	NA
365	479	349
384	500	348