Weekly Vineyard IPM Scouting Summary
Report for the week of September 7, 2006

Grape Berry Moth Notes:
** GBM infestation levels decreased this week. Decreases at the two Concord sites are probably due to increased difficulty in spotting infested berries because of the berry color changes. Decreases at the Berrien 1 site are probably due to increased botryls hiding the infestations, while decreases at the Allegan site appear to be a natural decline as several old infestations were spotted during scouting. Now is a good time to make notes on where your GBM hot spots are so that you can watch them closely next year.

** Powdery mildew leaf spots increased slightly at the Berrien 2 site and stayed about the same at the Van Buren site. Leaf spots also showed up for the first time at the Berrien 1 site. Keep a close eye on your leaves so the vines don't defoliate too soon.

Downy Mildew Notes:
** Downy mildew leaf spots increased slightly at the Berrien 2 site and stayed about the same at the Van Buren site.

Other Disease Notes:
** Phomopsis on berries increased quite a bit at the Berrien 1 site this past week. Rachis infections are causing berries to fall off clusters. Make a note of problem areas so you can increase protection next year.

Other Insect Notes:
** Ants are causing berries to fall off clusters. Make a note of problem areas so you can increase protection next year.

Disease Level Rankings: None, Trace, Low, Moderate, High, Very High

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Current Growth Stages:

As of September 7
Concord- Van Buren

As of September 8
Concord-Berrien 2

As of September 8
Chardonnay-Allegan

As of September 7
Vignoles- Berrien 1

Growing Degree Days (Base 50)

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Click here for more Information on GDDs

5 Year Avg.:
2005: 2540 2053 2072 2403 2277 2269
2004: 2784 2363 2367 2665 2364 2509
2003: 2474 2138 NA NA NA NA
2002: NA NA NA NA NA NA
2001: NA NA NA NA NA NA
1996: 2727 2291 2326 2672 2567 2517
1997: 2769 2342 2358 2663 NA 2533

Other Notes:
** For pictures of other insects that may be found in your vineyard click here.

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