**Weekly Vineyard IPM Scouting Summary**

**Report for the week of August 31, 2006**

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**Grape Berry Moth Notes:**
**Very few ladybeetles were seen during scouting this past week.**

**Keep a close eye out for some to begin showing up as berries continue to ripen.**

**Other Insect Notes:**
**Fruit flies** have begun to show up in berries damaged by GBM and diseases. **Ants** and **yellow jackets** are beginning to feed on damaged berries.

**Other Disease Notes:**
**Black rot berries are mostly shriveled up by now.**
**Phomopsis infections are beginning to cause severe damage to some clusters. Berries with rachis infections are beginning to fall off the clusters.**
**Look for rots to begin showing up as berries continue to soften up and more damage occurs to the berries.**

**For pictures of other insects that may show up in your vineyard** click here.

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

- **Black Rot**
  - Cluster-Berry:
    - Allegan: None
    - Berrien 1: None
    - Berrien 2: None
    - Van Buren: None
  - **Bunch Rot**
    - Allegan: Trace
    - Berrien 1: Trace
    - Berrien 2: Trace
    - Van Buren: Trace
  - **Botrytis**
    - Cluster-Rachis:
      - Allegan: None
      - Berrien 1: Low
      - Berrien 2: Low
      - Van Buren: Low
    - **Phomopsis**
      - Cluster-Berries:
        - Allegan: None
        - Berrien 1: Trace
        - Berrien 2: Trace
        - Van Buren: Trace
      - **Powdery Mildew**
        - Cluster-Leaf:
          - Allegan: None
          - Berrien 1: None
          - Berrien 2: None
          - Van Buren: None
  - **Downy Mildew**
    - Cluster-Berry:
      - Allegan: None
      - Berrien 1: None
      - Berrien 2: None
      - Van Buren: None
    - **Leaf**:
      - Allegan: None
      - Berrien 1: None
      - Berrien 2: None
      - Van Buren: None

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**Current Growth Stages:**
- **Concord-Berrien 2**
  - As of September 1
  - As of August 31
- **Chardonnay-Allegan**
  - As of September 1
  - As of August 31
- **Vignoles-Berrien 1**
  - As of September 1
  - As of August 31

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**Growing Degree Days (Base 50)**

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<tr>
<th>SITE</th>
<th>8/27</th>
<th>9/4</th>
<th>8/27</th>
<th>9/4</th>
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<td>Allegan</td>
<td>2129</td>
<td>2241</td>
<td>2011</td>
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<td>2521</td>
<td>2360</td>
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<td>Van Buren</td>
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</table>

**Previous Year GDDs on September 4 (March 1 Start):**

- 2005: 2414, 1959, 1982, 2278, 2170
- 2004: 2514
- 2003: 1959
- 2002: 1982
- 2001: 2278

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**Click here for more information on GDDs**

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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.

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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](http://www.grapes.msu.edu)

All photos: Steven Van Timmeren