



Grape IPM Update

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The thunderstorms and all the rain this week have impeded vineyard visits. Suffice to say that all of the rain and humid conditions are very favorable for disease development (and, unfortunately, wash-off of surface residue of fungicides). Between the rain drops, I did observe **downy mildew** this week. A good article on downy mildew which includes a review of management options was written recently by Dr. Annemiek Schilder of Michigan State University. It has a very useful chart of options. It can be viewed at:

<http://www.isaacslab.ent.msu.edu/grapescout/3july08.pdf>

As mentioned in the Grape IPM Update on June 27, 2008, a **risk assessment method for Grape Berry Moth (GMB)** was developed by T. E. Martinson and others and can be found at: <http://www.nysaes.cornell.edu/pubs/fls/OCRPDF/138a.pdf>.

I mention this because we have seen **Grape Berry Moth larvae** in berries at the UVM vineyard. It is important to check your vineyard during the third week in July using the procedure outlined in the publication to determine if you are at the threshold of 6% damaged clusters.

If you are not familiar with the damage the larvae cause, please see:

<http://www.nysipm.cornell.edu/factsheets/grapes/pests/gbm/gbm.pdf>

Table 4.2.1 in the **2008 New York and Pennsylvania Pest Management Guidelines for Grapes** lists various insecticides and rates their effectiveness. The table can be found at the end of Chapter 4: http://ipmguidelines.org/grapes/content/CH04/default.asp#_Toc195339278

Where trade names or commercial products are used for identification, no discrimination is intended and no endorsement is implied. Always read the label before using any pesticide. **The label is the legal document for the product use. Disregard any information in this newsletter if it is in conflict with the label.**

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