



## **Vermont Apple IPM News**

**Lorraine P. Berkett, IPM Specialist**  
**January 2006**

### ***IPM News and Alerts are Faster by Email....***

IPM information will reach you faster electronically. Please send me your email address if you are not already receiving notifications of new IPM web-postings and the IPM Alerts over the internet. Not only will you receive information 1-3 days quicker, you will be saving the cost of photocopying, handling, and mailing.

Please send your email address if you have not done so already to:

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### ***The New England Apple Pest Management Guide ...***

Things are changing in regards to the publication of the Guide. It takes an *enormous* amount of time and effort to publish a new Guide every two years. It is a collaborative effort among all of the New England states. Unfortunately, the overall New England Extension effort in apple pest management has been reduced over the past few years to the point where we are now exploring a regional Tree Fruit Pest Management Guide with New York State. However, a regional publication will not be available for the 2006 growing season.

So, for 2006 —

(1) Biological and monitoring information which was included in the 2003-2004 New England Pest Management Guide will still be available on the web at:

<http://www.umass.edu/fruitadvisor/NEAPMG/index.htm>

(2) A source of pesticide information would be the 2006 Commercial Tree-Fruit Production Guide which can be ordered from the Cornell University Resource Center (607/255-2080; resctr@cornell.edu) or can be viewed on line at: <http://www.nysaes.cornell.edu/ent/treefruit/>

(3) This newsletter and the UVM Apple Website (<http://orchard.uvm.edu/uvmapple/pest/index.html>) will continue to provide pest management information.

## ***Expert Horticultural and Disease Advice Available at the VTFGA Annual Meeting on Feb. 9.....***

Dr. Terrence Robinson from Cornell University will be a featured speaker at the Vermont Tree Fruit Growers' Association Annual Meeting on February 9, 2006, at the American Legion Hall in Middlebury. He has an international reputation for his expertise in pomology. He will be presenting information on cultivars, rootstocks, and planting densities for the future. There will also be a Question & Answer session.

Also, a very timely presentation will be given by Dr. Dan Cooley, UMass plant pathologist about the biology and management of Sooty Blotch & Flyspeck — two diseases which growers reported an increase in incidence last year.

Don't miss this opportunity to hear these experts plus Steve Justis's update on state, regional, and national apple issues.

You should have received a registration form and a program in the mail last week. Please contact me if you did not receive the mailing and would like information about the meeting.

### ***Working in a Cloud of Uncertainty - - 2006 Apple Scab Management***

As mentioned above, Dr. Dan Cooley will talk about disease management at the 2006 VTFGA Annual Meeting in February. The following are some summary slides I pulled together for a presentation on apple scab management which I made in early January at the Minnesota Apple Growers Association's Annual Education and Trade Show. They are included here to initiate thought about the issues surrounding apple scab management.... details will be given at the VTFGA on Feb. 9th.

Hope to see you at the VTFGA meeting !!

## 2006 Apple Scab Management

*“Working in a Cloud of Uncertainty”*

Lorraine P. Berkett  
University of Vermont



## Fungicide Resistance ?



## “Rules of Thumb”

- Dodine (Cyprex, Syllit) – **60 sprays**
- Benzimidazole (Topsin M) – **20 sprays**
- SI's (Nova, Rubigan, Procure) - **??? sprays**
- Strobilurins (Sovran, Flint) - **25 sprays**
- APs (Vanguard, Scala) - **??? sprays**

Source: Koeller and Rosenberger. 2005. Managing Apple Scab Resistance to Fungicides. Scaffolds 14(2). March 28, 2005

## Thoughts on 2006 Scab Management

- ✓ Complete winter pruning and have drive rows clear before bud-break.
- ✓ Complete maintenance of sprayer to ensure top working order; calibrate sprayer.
- ✓ Conduct sanitation practices: urea application and leaf shredding
- ✓ Apply first scab fungicide protectant spray before first infection period (Green Tip). Rely on protectants using resistance-prone fungicides very judiciously.
- ✓ Calculate Degree-Days to estimate end of Primary Scab Season.

***Details to be presented at the VTFGA Meeting !***

## **Contact Information**

A Commitment to Excellence and Service:

If you have any questions or want to arrange for an orchard visit regarding your concerns, please call or write.

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