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## **A SUMMARY OF RECENT PESTICIDE REGISTRATIONS AND OTHER UPDATES (EXTRACTED FROM THE VIRGINIA CROP PEST ADVISORY NEWSLETTER)**

Tom Kuhar, Assistant Professor, Dept. of Entomology Eastern Shore AREC, Virginia Tech - Tomato Disease Update - Section 18 Label for Topsin M  
Christine Waldenmaier (ESAREC)

The EPA has granted a Section 18 registration again this year for Topsin M WSB fungicide manufactured by Cerexagri, Inc. for the control of white mold or timber rot (*Sclerotinia sclerotiorum*) in tomato. Topsin M WSB may be applied only by ground application at a maximum rate of 1 lb product per acre per application. A maximum of 4 applications per crop may be made at 7-14 day intervals, not to exceed 3.5 lb per acre. Applications through irrigation are prohibited. The pre-harvest interval is 2 days and worker re-entry interval is 12 hours. This specific exemption will expire on September 30, 2004.

Cucurbit Re-entry Notice  
Tom Kuhar (ESAREC)

Please note in the Commercial Vegetable Recommendations book VCE Publication No. 456-420, that the restricted re-entry interval (REI) for Danitol 2.4 EC is listed incorrectly for all cucurbits (including cucumbers, muskmelons, pumpkins, squash and watermelons). The correct REI is 24 hours.

Zeal - New Miticide for Fruit Crops  
Information provided by John Cranmer (Valent)

Zeal - This new material (Valent) is now available for mite control in apples, pears and strawberries. It is also labeled for lygus bug and spittle bug control on strawberries. It is a reduced risk insecticide which acts as an insect growth regulator against all stages of spider mites and European red mites. The active ingredient is etoxazole, which is a molting inhibitor. It also has translaminar activity. The use rate is 2-3 oz/acre. The days to harvest after an application to strawberries is one day.

Reflex Herbicide Receives Section 18 Registration for Snap Beans in Virginia  
(Henry Wilson & Jason Sanders, ESAREC)

We are pleased to announce that we have received approval from the EPA for the use of Reflex for post-emergence weed control in snap beans in Virginia. This registration pertains to the 2004 crop. Our research indicates that Reflex effectively controls numerous broadleaf weeds in snap beans when mixed with 1 qt of non-ionic surfactant per 100 gallons of water. Since Reflex is not highly effective on common lambsquarters, our data support reducing the Reflex rate to 0.5 pt/A and adding 1 pt/A of Basagran herbicide. Some temporary snap bean response may occur with the use of Reflex, but snap beans recover rapidly and weed control has been good. Plan to time the application between the one and three trifoliolate growth stages. A copy of the supplemental label can be obtained by e-mailing Dr. Henry Wilson at [hwilson@vt.edu](mailto:hwilson@vt.edu).

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