

#### Powdery Mildew Reported on Muskmelons

A grower in east, central OH reported finding powdery mildew on his muskmelons. It looks like it might be arriving a little early this year so growers should keep an eye out for early development. The last week in July is usually when we see powdery mildew on vine crops such as pumpkins. The first signs are pale yellow spots on leaves, vines or petioles. These spots enlarge and become covered with white spores that appear powdery. Consult the OH Vegetable Production Guide for recommended fungicides.

#### Bacterial Spot on Peppers.

This disease has been observed on fresh market peppers in southern OH. The symptoms are occurring on varieties with known resistance to certain races. Leaf lesions begin as circular, watersoaked spots that become necrotic with brown centers and thin chlorotic borders. Severely infected leaves turn yellow and drop off. The disease is easily spread by overhead irrigation and thunderstorms. A copper-maneb mixture may help reduce disease spread to some extent but there are copper resistant strains. (See VegNet #16 or the OH Vegetable Guide).

#### TOMCAST and BLITECAST Update

DSV Hotline 800-228-2905

Jim Jasinski

#### TOMCAST DSV, BLITECAST SV, Report.

As of July 15, information concerning TOMCAST DSV, BLITECAST SV, and rainfall for the previous 7 days will be given in that order for each station below:

Ohio Freshmarket:

Claridon-41, 40, 0.23"

Hillsboro-57, 61, 0.06"

Racine-93, 58\*, 0.05"

Ohio Processing: Fremont-63, 33\*\*\*, 0.83"

Tipp City- 64, 35\*\*, 0.92"

Napoleon- 80 DSV as of July 10

Pandora- 73 DSV as of July 10

Indiana Processing:

Hobbs- 60, 38\*, 1.57"

Kokomo- 55, 27, 1.26"

LaCrosse- 55 DSV as of July 14, 37, .61"

Union City- 63, 22, 0.63"

Michigan Processing:

Constantine- 44, 14, 0.97"

Petersburg- 57, 47, 0.07"

\* Stations currently under a Late Blight warning. If fields have not been treated in previous 7-10 days, scout for the presence of the fungus and treat if necessary.

\*\* Stations under 1 Severity Value away from Late Blight warning.

\*\*\* Stations under 3 Severity Values away from Late Blight warning.

To this date, Late Blight has not been detected in OH, IN, or MI. It has been found in Wisconsin recently. The field in Adams county emerged on May 27. Eighteen SV's were surpassed on June 6. Late Blight appeared 14 days later on June 19.

Insect Trap Reports

Tipp City, OH -

7 Variegated Cutworm Moths captured in pheromone traps as of July 16.

Petersburg, MI Monroe County,(P. Marks),

European corn borer pheromone traps, 3 traps,

July 15: 0, 0, 2;

July 8: 2, 0, 1;

July 1: 3, 22, 11;

June 24: 89, 127, 78;

June 17: 53, 62, 52

Variegated cutworm pheromone

July 15: 9;

July 8: 6;

July 1 5;

June 24: 2;

June 17: 4

Information concerning TOMCAST DSV and BLITECAST SV can be found on DTN & FarmDayta networks under both the Ag and Produce sections

Crop Reports

W. Evans

Crop Reports ( Evans ) North Central. Sweet corn is in tassel in many areas with some fields already silking. They are plenty of aphids around and thrips are now in onions. The annual Muck Crops Day is July 31 from 10 to noon. Call Bill Evans at 419-935-1201 for details and directions. In southern OH, this is the third week of sweet corn harvest and fields not under plastic are coming into production. Sweet corn harvest has started in central OH.

What's New At The VegNet Web Site

In Problem Of The Week, see:

Bacterial Wilt in Pumpkins.

Foliar Bacterial Diseases On Pumpkin leaves  
Tour of Vegetable Production in the OHIO River Valley  
The Washington/Meigs County Vegetable Tour  
Piketon Horticultural Field Day  
Cuke beetle damage in: "Problem Of The Week"  
Visit: "The Talk Between The Rows"  
More On TOMCAST and Early Blight Visit TOMCAST

Return to Vegetable Crops Homepage Ohio State University Extension  
We appreciate very much the financial support for this series of vegetable reports which we have received from the board of growers responsible for the Ohio Vegetable and Small Fruit research and Development Program. This is an example of use of Funds from the "Assessment Program".

Where trade names are used, no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely and accurate, the pesticide user bears the responsibility of consulting the pesticide label and adhering to those directions.

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