

Insecticide Registration News:
C. Welty

Dow AgroSciences has announced federal registration of SpinTor on potato and sweet corn. State registration should be completed soon. SpinTor contains the active ingredient spinosad. Target pests are caterpillars and Colorado potato beetle. Other crops already registered for SpinTor since April 1998 are cole crops, fruiting veg crops (tomato, pepper, etc), and leafy vegetables.

Pest News:

Squash vine borer

adults were sighted buzzing zucchini plants in a Columbus garden on 12 June. Their first sighting is usually in late June so they are a bit earlier than usual this year.

Cuke beetles

Keep checking vine crop fields for cucumber beetle damage on a daily basis since they can move in quickly and can do significant damage. For example, last week, several fields were checked both on Tuesday and Wednesday and showed no presence or damage from cucumber beetles. The same fields by Thursday afternoon were infested with beetles and had feeding damage on the cotyledons and first true leaves.

Stewart's Wilt in Sweet Corn:

This bacterial wilt in sweet corn has been reported from several areas of the state and some samples have also been sent into the Plant and Pest Clinic. Plants appear to be suffering from drought, nutritional deficiency or insect injury. Leaves show pale yellow streaks with wavy margins that parallel veins and may extend the length of the leaf. These streaks turn brown and become dry.

Crop Reports

Hal Kneen, William. Evans

North Central:

The Celeryville area received just over 0.75 inches of rain through Monday. Some wind accompanied the rain, but we escaped hail and serious damage. Some called the rain a million dollar rain because of its timeliness for some corn and bean growers. Crops now look very good but weeds have taken off. The warm weather

has also led to significant bolting of the cilantro, lettuces and some other greens. Overall, though, crop quality is very good and harvests continue. Leafhoppers, some cutworms, and aphids are being seen. Onion thrips have reached threshold levels on onions and leeks at the Muck Crops Branch this week. Corn borers have declined this week.

SouthEast:

Water continues to be needed for growers without irrigation. The weekly county rainfall was only 1/4 of an inch received on Monday. Cooler temperatures arrived in on the rain front Monday morning.

Helio-trap counts have reduced dramatically this past week only 5 European Corn Borer caught and 4 Corn earworm. Sweet corn in full tassel and silks have been out 7-10 days. Irrigation is being applied as rainfall is extremely short in the region. Tomatoes are continuing to grow. Growers are finishing up on the second trellising. Tomatoes slowly sizing up, still looking at the end of June for the first Ohio River Grown Tomatoes.

Cabbage continues to be cut and sold, pricing pressure due to Carolina cabbage being brought onto local markets. Muskmelons and watermelons vines are continuing to run, some cantaloupe fruit are forming approximately 3-4 inches.

TOMCAST Report

J. Jasinski

DSV Hotline -1-800-228-2905

TOMCAST is a tomato disease forecasting network which many growers find aids in their timing of fungicide applications. As of June 14, the total TOMCAST DSV, are given for each station below:

The current stations and DSV counts as of June 14, 1999:

If you have further questions, please contact: J. Jasinski
at 937-454-5002 or
jasinski.4@osu.edu

The 7-10 Day Outlook*

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Temperature:

From 16 Jun to 21 Jun, the mean surface temperature will be 60 - 70 degrees F for all of OH except the northwest quarter of OH the mean will be below 60 degrees or lower.

From 21 Jun to 26 Jun, the mean surface temperature will be 70 - 80 degrees F for all of OH.

Precipitation:

From 16 Jun to 21 Jun, expect about 1.0 to 1.5 inches in northwest OH, expect about 1.0 inches in a narrow band from northeast to southwest OH and expect 0.5 inches or less in far east, southeast and southcentral OH.

From 21 Jun to 26 Jun, expect about 1.0 to 1.5 inches for northeastern OH and expect 2.0 to 2.5 inches for the rest of OH. Precipitation levels will tend to be higher in central and southeast OH. From 21 Jun to 26 Jun, most of the precipitation will come from thunderstorms and rainfall levels can vary widely in the affected areas. [Editors Note: Long term precipitation forecasts (5 days or more) are much less accurate than short term (the next 4 to 5 days). Let's hope this long term forecast holds together.]

What's New At The VegNet Web Site

>> Impatiens Necrotic Spot on Pepper Transplants

Research Reports

1998 se Sweet Corn Variety Trial

1998 Fresh Market Cabbage Cultivar Evaluation

1998 Fresh Market Vegetable Reports from the Enterprise Center at Piketon.

1998 Colored Pepper Cultivar Trial

1998 Fresh Market Tomato Cultivar Evaluation

Evaluation of Eastern Style Muskmelons for Southern Ohio, 1998

Mechanical Harvesting Regimes for Processing Bell Pepper Production in Ohio

From The Vegetable Crops Planner: Links now provided to the National Weather Service Offices in Cleveland and Wilmington, OH. Provides Agricultural Observations, soil temperatures, climate summaries, growing degree days and much more.

1999 Ohio Vegetable Production Guide - Online. Visit: "The Library

>> 1998 Pumpkin Yield Data is Here!...Plus the First Set of Pumpkin Pictures

See how your favorite varieties performed.

Check out new varieties.

View Powdery Mildew Tolerance ratings

plus the effects of spray programs on pumpkin production. More pumpkin pictures coming.

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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