

Insect News
C. Welty

European corn borer:

Corn borer flight is in progress. In blacklight traps over the past 7 days, 64 corn borer moths were caught at Fremont and 5 at Columbus. In pheromone traps with the corn borer lure, 21 corn borer moths were caught at Fremont in the past week.

Insecticide news:

'Confirm' received its Ohio registration late last week for use on cole crops, leafy vegetables, and fruiting vegetables. As detailed in VegNet on 5 May, Confirm is an insect growth regulator made by Rohm & Haas, for caterpillar control.

Stink bug observations:

In our efforts to find out where stink bugs come from before they infest tomatoes, we have found them in alfalfa since late April using sweep net sampling, and in wheat for the past couple of weeks. The first immatures are now being found by shaking plants over a white tray.

Crop Reports

Hal Kneen, Ron Becker, William. Evans

North Central:

Dry weather continued this week in Celeryville. Only 0.34 inches of rain fell at the Muck Crops Branch through Wednesday at 10 a.m. Farmers continue to irrigate. Crop growth is good and harvests are picking up. Radishes, lettuces, greens, and some herbs are being harvested. Pepper planting continues, as it does for squash and sweet corn. Variagated and black cutworms are being trapped, as are European corn borers. Aster leaf hopper numbers have increased in the last week on lettuce. From Wayne County,

As cold as things were last week we had little insect activity. Today (Tuesday) cutworms were found in sweet corn with one field showing 15% of the plants being cut. Most other fields are in the .5 to 1.5% range. Aphids are becoming numerous on many of the crops. One planting of zucchini had enough to warrant a pestitide application. Flea beetle populations are much lower in sweet corn as well as on cabbage, eggplant and potatoes than they were two weeks ago. Tomatoes and peppers are still going in the ground. Most damage we have had to plants has been from excessive dryness.

SouthEast:

Earliest sweet corn is beginning to tassle. Sweet corn initially started under clear plastic 4 1/2 to 5 feet tall, sweet corn grown without plastic 2 1/2- 3 feet tall. Side

dressing younger sweet corn. Irrigation a must this year. Irrigated fields have better stands and developing better.

!! Corn earworm moths have been caught in helio traps in racine Ohio. Five caught from May 25 to May 31, 13 caught from May 31 to early a.m. June 2, 1999. European corn borer moths numbers are 5 caught between may 25 to May 31 and 3 caught between May 31 and early June 2.

Aphids and potato beetles are showing up in large numbers on tomato transplants. Tomatoes are half dollar size and smaller. Growers are trellising and side dressing tomatoes.

Some tomatoes are showing symptoms of herbicide carry over. Pumpkin grown in 1998 sprayed with Command was planted into tomatoes in 1999. Nine month interval observed however local weather conditions have been extremely dry since June 26, 1998.

Early cabbage (Heads Up) is being harvested.

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 1 the total TOMCAST DSV, are given for each station below:

The current stations and DSV counts as of June 1, 1999:

If you have further questions, please contact: J. Jasinski
at 937-454-5002 or
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The 7-10 Day Outlook*

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Temperature:

From 02 Jun to 07 Jun, the mean surface temperature will be 60 - 70 degrees F for all of of OH.

From 07 Jun to 12 Jun, the mean surface temperature will be 70-80 degrees F for all of OH.

Precipitation:

From 02 Jun to 07 Jun, expect about 0.5 inches for all of OH.

From 07 Jun to 12 Jun, expect about 0.5 inches for most of OH except in the extreme western and southwestern counties where rain totals will be less than 0.3 inches.

What's New At The VegNet Web Site

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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