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Insect Trap Report

C. Welty

There are reports of European corn borer young larvae feeding in sweet corn this week. Larvae will continue to feed and grow but few new larvae are likely to appear because activity of adult moths is now tapering off, and egg laying is thus likely to be finished. The number of European corn borer moths caught in blacklight traps in the past week was 22 in Franklin County and at least 25 at Sandusky County. In pheromone traps for European corn borer, cooperators reported 1 moth in Meigs County, 7 moths in Highland County, 10 in Montgomery County, 28 in Clark County, 46 in Miami County, 77 in Franklin County, 0 in Wayne County, and 31 in Sandusky County.

Corn earworm moths have been reported at several locations. Any farms with fresh-silking sweet corn should beware of whether or not this pest is present in the area. In pheromone traps for corn earworm in the past week, cooperators reported 12 moths in Meigs County, 6 in Highland County, 0 in Montgomery County, 0 in Clark County, 1 in Miami County, 0 in Franklin County, 8 in Wayne County, and 0 in Sandusky County. Specific guidelines for spray intervals during silking if corn earworm moths are present is found in the sweet corn chapter of the 2002 Ohio Veg Production Guide.

Squash vine borer moths continue to emerge and they will be seeking squash or pumpkin stems on which to lay eggs. In pheromone traps for squash vine borer, cooperators reported 1 moth in Clark County (S. Charleston), 6 moths in Clark County (Springfield), 8 in Franklin County (Grandview), and 0 in Franklin County (OSU campus).

Variegated cutworm moths are on the increase. Pheromone traps for this pest caught 10 moths in Franklin County and 58 moths in Huron County this week. Black cutworm traps caught 6 moths in Huron County.

Starting this week, trap reports are now posted on the web and can be accessed via the VegNet site.

within the Vegetable IPM section.



Crop Reports

Hal Kneen

SOUTHEAST:

Southeast Ohio is hot and dry. Growers with irrigation capability are irrigating tomatoes, peppers, melons and sweet corn. We are seeing blossom end rot in tomatoes and early blight. Mornings have been foggy and sunlight has not burnt away the fog until nine or ten a.m. with warm temperatures ideal early blight weather.

Still harvesting cabbage, lettuce, beans, squash. Beginning to harvest sweet corn, cherry tomatoes, and a few slicing tomatoes for locals.

Finishing up late plantings of tomatoes and sweet corn.



Highlights From The Meigs/Washington County Vegetable Tour.

The Meigs/Washington county vegetable tour was held June 12.

If you were unable to attend but want to see how these crops looked as of June 12, go to the VegNet website at: <http://vegnet.osu.edu> and click on "The Talk Between The Rows" to see highlights from the tour.

Plastic sweet corn had silks just starting to dry down. Harvest began about June 21 or 22. Sweet corn on bare ground was in the tassel stage.

Temperatures ranged from 28 to 30 degrees during the May freeze but the OH river fogged over and protected most crops. Fields away from the river and on higher ground saw the most damage.

Cabbage is being harvested. Tomatoes are looking nice and with small fruit. About 300 acres of fresh market tomatoes this year. Also some nice looking peppers with about 70 acres of peppers are in the region.



The 7 Day Outlook*

By Robert Precheur

The jet stream is north of the lower 48 and temperatures will be in the upper 80's to low 90's for the next few days. Cooler less humid weather is expected for Friday and Saturday but warmer by next week.

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With the sun high in the sky, dry air and warm temperatures, evapotranspiration rates will be high. Despite excess water just a few weeks ago, growers should be prepared to provide necessary irrigation on short notice.

AKRON-CANTON

DAY DATE	SAT 29	SUN 30	MON 01	TUE 02	WED 03	THU 04
TEMP						
MIN/MAX	62 85	66 89	67 89	69 87	68 88	65 90
WIND	3 6	4 6	5 7	5 7	5 7	5 7
PREC.						
PROB. 24	5	18	26	33	35	32

CLEVELAND

DAY DATE	SAT 29	SUN 30	MON 01	TUE 02	WED 03	THU 04
TEMP						
MIN/MAX	63 83	67 88	68 91	68 89	67 87	67 88
WIND	3 6	4 7	5 7	5 7	5 7	5 8
PREC.						
PROB. 24	4	16	25	32	34	32

COLUMBUS

DAY DATE	SAT 29	SUN 30	MON 01	TUE 02	WED 03	THU 04
TEMP						
MIN/MAX	62 84	65 91	68 89	68 89	68 90	69 91
WIND	1 4	2 5	2 5	2 5	3 5	3 6
PREC.						
PROB. 24	10	24	31	37	36	34

CINCINNATI

DAY DATE	SAT 29	SUN 30	MON 01	TUE 02	WED 03	THU 04
TEMP						
MIN/MAX	63 83	67 90	71 90	70 89	71 89	72 90
WIND	3 6	4 7	5 8	5 8	6 7	6 8
PREC.						
PROB. 24	21	33	37	41	37	35

DAYTON

DAY DATE	SAT 29	SUN 30	MON 01	TUE 02	WED 03	THU 04
TEMP						
MIN/MAX	61 85	68 91	70 90	70 89	71 90	69 90
WIND	2 5	3 6	4 6	4 6	4 5	4 6
PREC.						
PROB. 24	13	25	32	39	36	33

TOLEDO

DAY DATE	SAT 29	SUN 30	MON 01	TUE 02	WED 03	THU 04
TEMP						
MIN/MAX	61 87	66 88	68 91	69 88	67 88	66 88
WIND	2 6	2 6	3 7	5 7	6 7	5 7
PREC.						
PROB. 24	5	16	26	33	35	31

YOUNGSTOWN

DAY DATE	SAT 29	SUN 30	MON 01	TUE 02	WED 03	THU 04
TEMP						
MIN/MAX	54 85	64 88	65 90	65 89	65 88	64 87
WIND	3 5	3 5	4 6	5 6	5 6	5 6
PREC.						
PROB. 24	4	16	24	32	34	32

* LEGEND:

TEMP MIN/MAX - forecasted minimum and maximum temperature for time periods midnight to noon and noon to midnight.

WIND - MEAN WIND SPEED (KTS) FOR TIME PERIODS midnight to noon and noon to midnight.

PREC. PROB. 24 - probability of precipitation for the 24 hour period.



What's New At The VegNet Web Site

Slide Presentations

Pepper Variety Slides 2001 | HTML Slide Show
Pumpkin Variety Slides 2001 | HTML Slide Show
 Go to the VegNet homepage.

VegNet Vegetable Schools

A series of slide presentations are now available in order to update you on the latest pumpkin and sweet corn research. We begin with 6 pumpkin topics in Pumpkins 101 and have 10 slide presentations available in Sweet Corn 101. In sweet corn. Powerpoint presentations and html online slide shows are available now. Go to the VegNet homepage.

Pumpkins 101

The use of trap crops and Admire for cucumber beetle control and New varieties for 2001. In coming weeks, we will have presentations on cover crops for disease control and pumpkin fungicide use. Check back often.

- **Perimeter Trap Cropping. Online html slide show | Perimeter Trap Cropping. PPT, 7 Mbytes**
See also the Research Results section on the home page for text version of the report.
- **Pumpkin Variety Slides 2001 | HTML Slide Show**

Sweet Corn 101

Presently only Powerpoint presentations availabe. Coming Soon: Online HTML slide shows. Check back

often Nine topics including:

- **Aspects of Variety Selection based on Disease Control [ppt 40 KB]**
 - **Internet Link To "Reactions of Sweet Corn Hybrids to Prevalent Diseases" Dr. Jerald Pataky
www.sweetcorn.uiuc.edu**
 - **Producing Early Sweet Corn [ppt 3.5 Mbytes]**
 - **Managing Weeds in Sweet Corn [ppt, 9 Mbytes]**
 - **Sweet Corn Herbicides & Variety Sensitivity. [ppt 2Mbytes]**
 - **Sweet Corn Development and Critical Periods for Irrigation Management [ppt 1.6 Mbytes]**
 - **Flea Beetle Management in Sweet Corn [ppt 510 KB]**
 - **How To Keep Worms Out of Sweet Corn Ears [ppt 8.3 Mbytes]**
 - **Role of Bt Transgenic Hybrids in Sweet Corn Pest Management. [ppt 21.2 Mbytes]**
- Bt Sweet Corn Efficacy in OH, 1999-2000 [ppt, 208 KB]**

● **[Online Edition of the 2001 Ohio Vegetable Production Guide - Now Available](#)**

● **Sweet Corn Disease Resistance Ratings**

The following are summarized lists of Dr. Pataky's work at the Univ. of IL on disease reactions of sweet corn. In these summaries, all experimental and processing varieties have been removed and only named varieties which were rated for common rust or MDM are included. The first list are those named varieties rated for common rust. The second list are only those named varieties rated for Maize Dwarf Mosaic virus (MDM). For a complete report, E-mail: Bob Precheur: precheur.1@osu.edu

[Common Rust of Sweet Corn](#)
[MDM of Sweet Corn](#)

● **Do You Know Us?**

Find out what we've been up to. The OSU Vegetable Team Report is available in PDF file format for downloading from the VegNet homepage.

● **Sources of Pheromone Traps Used in Vegetable Pest Management.**

Do you need to find traps, lures or suppliers, click on the Vegetable IPM button on the left side of the homepage, then click on the 'Sources' document in the Vegetable IPM section.

IR-4 News

Also in the Vegetable IPM section, you can link to the IR-4 website. Read the results of the 2000 food use workshop, monthly and quarterly newsletters. Find out the latest on pesticide registrations for minor crops. Learn about biopesticides plus much more. Click on the Vegetable IPM button on the VegNet homepage and then click on the IR4 link in the Vegetable IPM section.



[University Extension](#)

[Return to Vegetable Crops Homepage | Ohio State](#)

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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