



VegNet Vol. 10, No. 15, August 14, 2003



Sweet corn and pepper pest Update

C. Welty

During the past week, corn earworm moths have been caught at some northern Ohio farms as well as in southern Ohio. Although moth numbers are not very high, any sweet corn plantings in the silking stages should be treated with insecticide if worms are to be prevented from invading ears. The number of earworm moths caught in pheromone traps was 4 in Washington County, 1 in Franklin County, 2 in Clark County, 0 in Wayne County, 6 in Huron County, 4 in Sandusky County, and 0 in Wood County. Details of spray schedules based on trap catch are found in the sweet corn chapter of the Ohio Veg Production Guide. If current moth catches and temperatures remain about the same as they have been this week, a 4-day spray schedule is needed during silking.

The second generation of European corn borer is well underway but has probably not yet reached peak activity. Peppers and silking sweet corn require insecticide treatment if they are to be protected from borer infestation. The number of borer moths caught in pheromone traps in the past week was 26 in Washington County, 43 in Franklin County, 7 in Clark County, 103 in Wayne County, and 16 in Sandusky County. The number of borer moths in blacklight traps was 3 in Franklin County and 157 in Wood County.



Crop Reports

Hal Kneen

Southeast: Majority of growers finishing with the tomato crop- price good, quantity good, but late to harvest. Sweet corn yields were good, a few growers are still picking later plantings- Argent, Silver King for late august and early September. Muskmelons are being harvested, watermelons were few and far between- too wet.



The 7 Day Outlook

R. Precheur

August 14, 2003; THE HIGH WILL WEAKEN AND RETREAT SOUTHWARD ALLOWING A WEAK WAVE OF LOW PRESSURE TO DEVELOP ACROSS THE STATE. THIS IN TURN MAY SET OFF AN ISOLATED SHOWER OR THUNDERSTORM ON FRIDAY.

THE THREAT OF SHOWERS AND THUNDERSTORMS WILL CONTINUE INTO SATURDAY AS A WEAK COLD FRONT DROPS DOWN FROM THE NORTH INTO THE STATE SATURDAY AFTERNOON AND EVENING. HIGHS WILL AGAIN REACH INTO THE MID AND UPPER 80S AHEAD OF THE FRONT.

MORE PLEASANT WEATHER RETURNS ON SUNDAY AS COOLER LESS HUMID AIR FILTERS IN BEHIND THE COLD FRONTAL PASSAGE. HIGHS DROP BACK TO THE UPPER 70S TO MID 80S.

MORE HIGH PRESSURE BUILDS IN MONDAY AND REMAINS THROUGH MUCH OF NEXT WEEK. TEMPERATURES WILL CONTINUE NEAR THE NORMALS.

Akron Canton

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	70 73	65 67	60 71	61 73	64 73	64 73
POP 24 hrs	74	47	17	27	37	37

Cincinnati-

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	73 80	71 74	63 75	64 78	65 78	67 78
POP 24 hrs	65	40	6	19	28	27

Cleveland

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21							
Temp Min Max	72 72	66 67	60 70	62 73	65 73	66 75	POP 24 hrs	72	41	13	25	33	35

Columbus

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	73 79	68 74	61 76	62 79	65 79	67 77
POP 24 hrs	71	44	11	23	34	32

Dayton

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	70 78	65 71	59 74	60 76	64 76	66 77
POP 24 hrs	63	37	6	16	25	25

Findlay

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	71 73	64 70	57 72	59 76	62 76	64 74
POP 24 hrs	64	30	5	17	25	27

Mansfield

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	70 71	63 67	57 69	60 73	63 73	65 72
POP 24 hrs	84	54	26	39	50	51

Toledo

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	71 77	65 69	60 70	62 73	65 76	67 74
POP 24 hrs	69	32	11	23	31	34

Wilmington

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	70 76	66 72	59 72	61 74	63 74	65 74
POP 24 hrs	65	40	7	18	27	26

Zanesville

Day/Date	SAT 16	SUN 17	MON 18	TUE 19	WED 20	THU 21
Temp Min Max	71 76	67 72	60 75	61 77	64 76	64 76
POP 24 hrs	68	44	12	21	31	28

* POP = probability of precipitation for the 24 hour period.



What's New At The VegNet Web Site

Problem Of The Week

A pictorial comparison of Squash Vine borer damage and Bacterial Wilt in pumpkins. While the symptoms are similar, there are some key differences. Check it out. Click on the 'Problem of the Week' button of the left side.

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. We have presentations on cover crops for disease control and pumpkin fungicide use.

- **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.

Sweet Corn 101

Presently only Powerpoint presentations available. 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]



[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".

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Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Keith L. Smith, Director, Ohio State University Extension.

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