

## Crop Reports

By Brad Bergefurd, Hal Kneen and B. Precheur

### SOUTHEAST

Wet and colder weather has delayed additional plantings of tomatoes and sweet corn. Over two inches of rain fell on Sunday April 21 and an additional 1 inch Wednesday night

April 24. Cool temperatures of high 30's and lower 40's has delayed tomato plantings. Most tomato growers have a portion of total production out as they planted 10-14 days ago. Tomato roots (2-4 inches out of initial root ball) are growing especially under black plastic raised beds. Adult potato beetles have already started to lay eggs on tomato plant leaves.

Cabbage is growing well and growers expect to have some on the market by Memorial Day.

Expect to be back planting into the fields this Saturday, April 27, before the next showers expected on Sunday April 28.

### SOUTHWEST

Many areas received 4 inches of rain over the weekend. Golf ball sized hail and heavy downpours caused some damage and flooding.

This put most field work to a halt.

Monday night was spent applying row covers to early planted tomatoes for frost protection. Temperature readings at 3:30 am on Tuesday 4/23 in Hillsboro were at 44 degrees F but at 6:30 am air temperature dropped to 33 degrees F with ice crystal formation on the tops of row covers. Under single layer .9 mil and 1.5 mil row covers temps were from 34 - 38 degrees F Under a double layer row cover .9 mil cover over hoops with a 1.5 mil cover layered over top, the temperature under these covers was at 46 degrees F.

We are getting prepared for Thursday night with another forecast in the low 30's for the area.

Until the rains hit, growers were planting sweet corn, potatoes, green beans, spraying herbicides on sweet corn plantings, fertigating tomatoes on plastic. The first of the sweet corn plantings are at 3 to 4 inches in height where most are at or just beyond spike stage. First planted tomatoes are beginning to show bloom. The first cucumbers were direct seeded to the field on Friday 4/19.

Asparagus harvest is underway. Wholesale prices received at the Bainbridge Produce Auction last Friday 4/19 were at \$2 a pound. Storage sweet potatoes were bringing \$5 for a 10 pound bag. White potatoes were bringing 1.40-1.65 per 10 lb. bag.

The 7 Day Outlook\*

By Robert Precheur

AKRON-CANTON

DAY DATE | SUN 28| MON 29| TUE 30| WED 01| THU 02| FRI 03|  
TEMP  
MIN/MAX | 48 62| 42 60| 43 65| 46 61| 42 61| 39 63|  
WIND | 12 16| 7 10| 6 10| 7 11| 7 10| 7 10|  
PREC.  
PROB. 24| 97 | 36 | 48 | 37 | 43 | 37 |

CLEVELAND

DAY DATE | SUN 28| MON 29| TUE 30| WED 01| THU 02| FRI 03|  
TEMP  
MIN/MAX | 47 61| 43 59| 43 62| 45 64| 45 61| 40 62|  
WIND | 9 11| 8 8| 6 9| 7 10| 7 8| 6 8|  
PREC.  
PROB. 24 | 99 | 36 | 49 | 36 | 43 | 36 |

COLUMBUS

DAY DATE | SUN 28| MON 29| TUE 30| WED 01| THU 02| FRI 03|  
TEMP  
MIN/MAX | 51 64| 44 61| 46 66| 48 63| 46 64| 42 65|  
WIND | 8 11| 6 8| 5 7| 5 8| 5 8| 4 7|  
PREC.  
PROB. 24 | 93 | 33 | 48 | 39 | 43 | 34 |

CINCINNATI

DAY DATE | SUN 28| MON 29| TUE 30| WED 01| THU 02| FRI 03|  
TEMP  
MIN/MAX | 54 69| 50 65| 50 69| 52 70| 48 66| 45 70|  
WIND | 12 14| 8 9| 7 10| 6 10| 8 10| 7 9|  
PREC.  
PROB. 24 | 85 | 28 | 50 | 41 | 43 | 33 |

DAYTON

DAY DATE | SUN 28| MON 29| TUE 30| WED 01| THU 02| FRI 03|  
TEMP  
MIN/MAX | 50 63| 45 63| 47 65| 49 62| 45 64| 42 65|  
WIND | 11 14| 6 10| 6 9| 6 10| 6 9| 6 8|  
PREC.  
PROB. 24 | 91 | 31 | 50 | 39 | 43 | 33 |

## TOLEDO

DAY DATE | SUN 28| MON 29| TUE 30| WED 01| THU 02| FRI 03|

TEMP

MIN/MAX | 47 61| 41 62| 43 63| 44 63| 44 62| 39 63|

WIND | 13 15| 10 10| 8 11| 9 11| 9 11| 7 10|

PREC.

PROB. 24 | 100 | 36 | 50 | 36 | 43 | 35 |

## YOUNGSTOWN

DAY DATE | SUN 28| MON 29| TUE 30| WED 01| THU 02| FRI 03|

TEMP

MIN/MAX | 47 61| 40 59| 41 64| 43 62| 43 61| 36 62|

WIND | 9 13| 7 9| 6 10| 6 9| 6 10| 7 8|

PREC.

PROB. 24 | 98 | 37 | 47 | 37 | 43 | 37 |

### \* 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.

NORMAL - The normals for Monday, April 29.

### 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 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](http://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 ]

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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](mailto: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.

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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.

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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