

VegNet Vol. 13, No. 12. July 20, 2006

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**Crop Reports** by Hal Kneen and Brad Bergefurd

Southeast Ohio Update Wednesday July 19, 2006

Substantial rainfall last week from 2 1/2 inch to 4 3/4 inch depending upon region with heavy winds. Stirred up disease especially septoria leaf blight and early blight on tomatoes. Prevented some much needed fungicide sprays as soil too wet to drive spray tanks through and temperatures climbed into the mid to high nineties. Several fields of tomatoes have buckeye rot and gray wall. Tomatoes on black plastic seem to withstand poorer weather conditions due to improved drainage by plant and less rainfall right by the plant. Flooding occurring in lower lying tomato fields especially along the Ohio River as it is flooding as drainage in Pittsburgh area still coming into the county.

Peppers in low lying areas are being affected by Phytophthora blight especially on bareground. Raised beds

under black plastic grown peppers less likely to be affected.

Remember that some pepper varieties are resistant like Paladin. Keep peppers on at least a three year rotation before planting new solanaceous or vine crops

Sweet corn continues to fill out with the additional natural rainfall. So much better than irrigation. Will be picking Incredible corn next week.

Melons are sizing up, still one to two weeks from harvest.

Southern Ohio Report Harvest of sweet corn, cucumbers, pickles, tomatoes, bell peppers, new potatoes, summer squash, beans, cabbage, Acorn , Butternut and Spaghetti squash is in full swing.

0.87 to 2.1 inches of rain fell on most southern Ohio production areas July 11 and 12, with some areas receiving less than 1/2 inch and some areas getting more than 4 plus inches. Tornadoes and high winds hit the Clinton and Warren county growing areas.

Sun scald on melons, tomatoes (especially high tunnel tomatoes), bell peppers is being detected due to the high temps and intense sun. Early blight on potato and tomato is very prevalent. Powdery Mildew has been detected on transplanted winter squash. Gray wall disease is being reported by Ohio river tomato growers.

Planting of sweet corn, beans, cauliflower, cabbage, broccoli, summer squash, pickles and cucumbers

continues. OSU South Centers/ Ross County Pickle Project Field Night/Mechanical Harvester Demonstration HUGE Success Harvest began on the southern Ohio Pickling Cucumber project on Thursday June 29 with harvest continuing for 7 straight days and nights. Over 100 local and area farmers, neighbors and industry personnel participated in the July 5 OSU South Centers Field Night or who had visited the fields with Brad Bergefurd, the farmers or landowners throughout the 7 day project harvest. The traffic on the main road along the fields was so congested with visitors and Field day participants on Sunday July 2 that the highway patrol had to direct traffic to keep things moving. Weather throughout the 7 day period was great for pickle harvest, except for a inch rain that settled in on the field around 11 am on the 4th of July and continued until the trucks were full at 11:30 pm, playing havoc with mudding up the harvesters and pickles which slowed harvest speed.



Three FMC Brand Mechanical Pickle Harvesters used for this project  
Yield data is still being tabulated, but yields and grades were at or above the Ohio average. Stay tuned for complete results from trial plantings which included plant spacing, date of planting observation, variety trials and

fertility observations.

## Muck Crops Day, Thursday, July 27

10 AM to Noon, Muck Crops Research Station. 4875 SR 103 S., Willard, OH

Topics: Radishes biorational and traditional fungicides to control clubroot and rhizoctonia.

Broccoli efficacy studies to control clubroot

Mustard Greens and winter squash fungicide evaluations to control downy mildew and other diseases.

Sweet Corn seed treatments to control flea beetle.

IR4 residue trials

Fertility management in parsley, radish, green onion and cilantro.

Weed control studies

Guest Speakers: Sally Miller Plant Pathology, Casey Hoy; Celeste Welty Entomology; Matt Kleinhenz, Doug Doohan Hort & Crop Science; Michele Giovannini IR4.

For more specific information, contact: Rick Callendar: 419-935-1201 or email: [calendar.1@osu.edu](mailto:calendar.1@osu.edu)

### The 7 Day Outlook

Cleveland

Day Date| FRI 21| SAT 22| SUN 23| MON 24| TUE 25| WED 26| THU 27

Min Max

Temp| 70 79| 64 75| 57 79| 59 81| 64 85| 68 86| 67 85

Wind12h| 6 11| 10 13| 8 9| 7 10| 7 13| 8 10| 7 12

POP24 | 86| 35| 25| 25| 28| 38| 46

Q24 | 3| 0| 0| 0| 0| |

Cincinnati

Day Date| FRI 21| SAT 22| SUN 23| MON 24| TUE 25| WED 26| THU 27

Min Max

Temp| 70 86| 66 81| 59 81| 59 83| 63 87| 65 90| 67 88  
Wind12h | 5 8| 8 7| 6 6| 5 7| 5 7| 5 7| 5 10  
POP 24 | 77| 42| 28| 24| 26| 35| 46  
Q24 | 3| 1| 0| 0| 0| |

Dayton

Day Date| FRI 21| SAT 22| SUN 23| MON 24| TUE 25| WED  
26| THU 27

Min Max

Temp| 70 81| 62 79| 59 79| 61 82| 66 86| 68 87| 67 83  
Wind12h | 8 11| 11 10| 8 9| 7 9| 7 8| 7 9| 7 10  
POP 24 | 77| 34| 26| 25| 26| 34| 45  
Q24 | 3| 0| 0| 0| 0| |

Columbus

Day Date| FRI 21| SAT 22| SUN 23| MON 24| TUE 25| WED  
26| THU 27

Min Max

Temp| 70 83| 64 79| 60 80| 61 84| 65 85| 67 88| 67 86  
Wind12h | 6 10| 10 8| 7 8| 8 8| 7 10| 7 8| 7 10  
POP 24 | 83| 43| 28| 25| 26| 34| 46  
Q24 | 4| 1| 0| 0| 0| |

Toledo

Day Date| FRI 21| SAT 22| SUN 23| MON 24| TUE 25| WED  
26| THU 27

Min Max

Temp | 68 81| 64 81| 56 80| 58 83| 64 90| 66 88| 67 87  
Wind12h | 6 10| 9 9| 6 7| 6 9| 6 12| 7 9| 6 11  
POP 24 | 77| 21| 24| 24| 31| 38| 44  
Q 24 | 2| 0| 0| 0| 0| |

Parkersburg, WV for SE Ohio

Day Date| FRI 21| SAT 22| SUN 23| MON 24| TUE 25| WED  
26| THU 27

Min Max

Temp| 70 83| 67 76| 57 81| 58 84| 61 88| 65 87| 66 88  
Wind 12h| 4 6| 6 7| 4 6| 5 6| 3 7| 3 6| 3 8  
POP 24 | 80| 75| 41| 30| 26| 34| 47  
Q24 | 4| 1| 0| 0| 0| |

Key

Min Max = daytime max and night minimum temperature for  
24 hour period

Wind 12h = maximum sustained surface wind during 12  
hour period.

POP24 = probability of precipitation for 24 hour period  
Q24 = quantity of precipitation, QPF, for 24 hr period,  
see below:

QPF Categories: 0 = no precipitation; 1 = 0.01 to 0.09  
inches; 2 = 0.10 to 0.24 inches; 3 = 0.25 to 0.49  
inches; 4 = 0.50 to 0.99 inches; 5 = 1.00 to 1.99  
inches; 6 = 2.00 inches or greater