

# Ohio Fruit ICM News

Editor: Shawn R. Wright  
Ohio State University South Centers  
1864 Shyville Rd., Piketon, OH 45661  
Phone (740) 289-2071 extension 120  
E-mail: [wright.705@osu.edu](mailto:wright.705@osu.edu)

<http://southcenters.osu.edu/hort/icmnews/index.htm>

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## In This Issue

Comments from the Editor  
Pest Development  
Fruit Observations and Trap Reports  
OPGMA Summer Tour and Field Day  
Calendar  
Ohio Poison Control Phone Number

## Comments from the Editor

Our ornamental crabapples at the South Centers are at full bloom to petal fall other than 'Prairie Rose' our one late variety. Soil temperatures are averaging in the upper 50's. Redbud is in full bloom and pawpaws are beginning to flower.

We have started receiving our trap reports and I want to thank Gretchen Sutton, Zachary Rinkes, and Ron Becker who get them to me.

**Pest Development** - (Based on Scaffolds Fruit Newsletter, Coming Events (D. Kain & A. Agnello), NYSAES, Geneva)

GDD accumulations in Ohio range from the low-100's in the northern Ohio to mid-200's's in southern Ohio as of April 25.

### Growing Degree Day Ranges Base Temp. 50F (Normal +/- Std Dev)

Pear psylla 1st oviposition	1-72
Green fruitworm 1st catch	12-54
McIntosh at silver tip	15-41
McIntosh at green tip	36-62
Green apple aphids present	38-134
Spotted tentiform leafminer 1st catch	39-113
Pear thrips in pear buds	50-98
Rosy apple aphid nymphs present	56-116
Spotted tentiform leafminer 1st oviposition	58-130
Pear psylla 1st egg hatch	60-166
Obliquebanded leafroller larvae active	64-160

McIntosh at half-inch green	65-91
Comstock mealybug 1st gen crawlers in pear buds	80-254
Oriental fruit moth 1st catch	81-205
McIntosh at tight cluster	84-122
Rose leafhopper on multiflora rose - 1st nymph	96-198
European red mite egg hatch	100-168
Green fruitworm flight subsides	102-242
Redbanded leafroller 1st flight peak	104-192
Lesser appleworm 1st catch	108-292
Spotted tentiform leafminer 1st flight peak	113-209
American plum borer 1st catch	140-280
Mirid bugs 1st hatch	163-239
Spotted tentiform leafminer sap-feeders present	165-317
McIntosh at bloom	170-220
San Jose scale 1st catch	186-324
Lesser appleworm 1st flight peak	189-387
Eastern Redbud First bloom	191
common flowering quince, full bloom,	214
Common chokecherry, full bloom,	221
European red mite 1st summer eggs present	237-309
Mirid bugs 90% hatch	240-322
Mirid bugs hatch complete	252-350

## Fruit Observations and Trap Reports

### Waterman Lab Apple Orchards, Columbus

The RBLR and STLM traps were set on 4/2/08

#### Development

4/2 - 4/8 - silver tip  
4/9 - 4/14 - half inch green  
4/15 - 4/18 - tight cluster  
4/18 - 4/20 - early pink  
4/21 - pink

Dates: 4/3/08 to 4/9/08

Pests: Redbanded leafroller: 4  
Spotted tentiform leafminer: 2

Dates: 4/10/08 to 4/16/08

Pests: Redbanded leafroller: 8  
Spotted tentiform leafminer: 6

### North Central Tree Fruit IPM Program

Report Prepared by Zachary Rinkes (Erie County Extension Educator)

Ted Gastier West District IPM Scout (Sandusky, Ottawa, Huron and Richland Counties)

Date 4/21/08

#### Apples

Spotted tentiform leafminer 78.5 (first report)

Redbanded leafroller 23 (first report)

Oriental Fruit Moth 0.5 (first report)

Lesser appleworm 0 (first report)

#### Peaches

Redbanded leafroller- 33.5 (first report)

Oriental Fruit Moth 0.2 (first report)

## OPGMA Summer Tour & Field Day

This year's Ohio Produce Growers & Marketers Association (OPGMA) Summer Tour & Field Day will focus on research being done at OARDC in Wooster. Held Wednesday, June 25, the half-day event will provide abundant networking opportunities with both other attendees and industry experts.

The event begins at 8 a.m. at the Fisher Auditorium where leading allied vendors will be on hand to demonstrate their newest equipment, packaging, chemicals, seeds, and services. In addition, there will be MarketMaker demonstrations and a diagnostic clinic by The Ohio State University vegetable and fruit disease, insect, and weed management specialists. They will help you diagnose plant diseases and identify insect and weed pests, so bring your samples and questions!

Participants will visit three of OARDC's campus farms. The presentations at the first stop, Hort 1: High Tunnels, will focus on tomato production. Dr. Matt Kleinhenz will speak on Tomato Grafting: Its Potential and Status, explaining the basics of grafting and how the increasingly popular technique could benefit tomato producers. In the second presentation, Dr. Sally Miller will discuss organic disease management of tomatoes produced in high tunnels. She will offer ways to control diseases such as botrytis, leaf mold, and white mold using compost amendments, biofumigants, and foliar-applied products.

At the second stop, Snyder Farm Orchard, fruit production will be the focus, with a presentation on beekeeping and a chance to evaluate an on-going apple fungicide trial. Dr. Jim Tew will discuss the challenges facing Ohio's beekeepers and information about the need for more bee colonies in Ohio. Afterward, Dr. Mike Ellis will explain the experimental use of dormant applications of the phosphite fungicide AGRI-FOS and the bark-penetrating adjuvant Pentra Bark for controlling early season apple scab without the use of additional fungicides.

The last tour stop, Snyder Farm High Tunnels, features one presentation on Polyculture System for Use by the Small Urban Farmer. Joe Kovach will show the optimal layout in terms of economics, pest density, and efficiency of a polyculture system for small urban farmers of perennial fruit crops such as apples, peaches, blueberries, raspberries, and strawberries as well as annual plantings of tomatoes, beans, soybeans, and other crops.

Following the tour at OARDC, lunch and a brief OPGMA session will be held. Attendees may then drive to and tour Secrest Arboretum.

The June 18 pre-registration price is \$25 for the first company attendee; \$10 for each additional attendee. Lunch is an additional \$9.

For additional information about the tour or registering, visit [www.opgma.org](http://www.opgma.org), e-mail [opgma@ofa.org](mailto:opgma@ofa.org), or call 614-487-1117.

### **Calendar** - Newly added in ***Bold***

April 26, 2008 Mid-Ohio Valley Agriculture Opportunities Conference. 9 a.m. until 4 p.m. at Washington State Community College in Marietta. Registration is \$30 and includes lunch and all conference materials. For more information on the conference, contact Eric Barrett at (740) 376-7431 or e-mail [barrett.90@osu.edu](mailto:barrett.90@osu.edu)

May 24, Ohio Pawpaw Grower's Association Annual Spring Workshop and Meeting, 351 Hale Rd. Wilmington. Registration is \$12 for OPGA members and \$15 for nonmembers. Registration fee includes lunch and a potted "u"-graft pawpaw. For more information contact Richard Glaser at phone 937-382-5960 or [glaser1971@earthlink.net](mailto:glaser1971@earthlink.net)

***June 18, Grape and Wine Clinic, Rainbow Hills Vineyards, Newcomerstown. 5:30 - 8 p.m*** Registration: \$20 (includes dinner at Rainbow Hills and resource materials). Space is limited.. Visit [coshocton.osu.edu](http://coshocton.osu.edu) to download a registration form or call Marissa Mullett, Extension Educator at 740-622-2265.

***June 25, OPGMA Summer Tour and Field Day, Wooster.*** The June 18 pre-registration price is \$25 for the first company attendee; \$10 for each additional attendee. Lunch is an additional \$9. For additional information about the tour or registering, visit [www.opgma.org](http://www.opgma.org), e-mail [opgma@ofa.org](mailto:opgma@ofa.org), or call 614-487-1117

Jan. 5-6, 2009 Kentucky Fruit & Vegetable Conference & Trade Show, Embassy Suites Hotel, Lexington, KY. For more information contact John Strang at phone 859-257-5685 or email: [jstrang@uky.edu](mailto:jstrang@uky.edu)

NOTE: Disclaimer - This publication may contain pesticide recommendations that are subject to change at any time. These recommendations are provided only as a guide. It is always the pesticide applicator's responsibility, by law, to read and follow all current label directions for the specific pesticide being used. Due to constantly changing labels and product registrations, some of the recommendations given in this writing may no longer be legal by the time you read them. If any information in these recommendations disagrees with the label, the recommendation must be disregarded. No endorsement is intended for products mentioned, nor is criticism meant for products not mentioned. The author and Ohio State University Extension assume no liability resulting from the use of these recommendations.

## **Ohio Poison Control Number**

(800) 222-1222  
TDD # is (614) 228-2272