

# Ohio Fruit ICM News

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## Comments from the Editor

It looks like we will make it past our frost free date (May 15) safely this year in Piketon. I am talking to more growers reporting winter injury on blackberries. Triple Crown has been particularly hard hit and reports of damage to Chester Thornless are scattered. Our 'Blue Ray' blueberries are about BB size and growing well.

While we haven had to frost protect the strawberries as much this year as in past, it has still been a challenging spring. Since April 1 we have only had 2 intervals of more than 48 hours with no measurable rainfall, 4/16-4/18 and 4/23-4/27. Total precipitation since April 1 at Piketon is 6.04 inches and normal for that time period is 4.3 inches. Note our Third Thursday Horticulture program will focus on Strawberry Production this month.

Eastern tent caterpillars have been heavy in ornamental crabapple planting, but we are going to have peaches this year at Piketon! We had one 'Reliance' peach tree donated for our edible landscape planting last year and it is doing well. Bloom is heavy in the pawpaws in the woodlot as well.

We will be including the North Central Ohio Tree Fruit Program IPM Reports again this year for the interest of those in other regions of the state. Thanks to Cindy Crawford for preparing the report and the program for allowing us to reprint it for those not enrolled in the program.

**OPGMA 2009 Summer Tour & Field Day - June 24**

See and learn about:

- Insect and mite management
- Apple thinning
- Food safety
- Plasticulture strawberries
- Sweet corn production
- Farm market operation
- Marketing tips and tricks

OPGMA Summer Tour and Field Day will be hosted by, Bachman's Sunny Hill Fruit Farm and Schacht Family Farm Market. The day begins at Bachman's and will conclude at Schacht's, approximately 5 miles away. Don't lose your car keys you'll need them to get to Schacht's, and home of course! OPGMA will host a brief session focusing on food safety during lunch.

Tour Stop #1 - Bachman's Sunny Hill Fruit Farm, Carroll, Ohio

8:30 a.m.– 12 p.m.

Bachman's Sunny Hill Fruit Farm is a fourth generation family apple orchard. Dick and Joann Bachman, along with their son and daughter-in-law, Gregg and Christi, raise 160 acres of apples for the wholesale market which are all sold through Fruit Growers Marketing Association. The Bachman's focus on growing eight apple varieties. Tours at Bachman's Sunny Hill Fruit Farm will be from Speakers along the farm tour will discuss equipment, including post drivers and mobil platforms, apple varieties and tree thinning, pathology, and entomology.

Tour Stop #2 - Schacht Family Farm Market, Canal Winchester, Ohio

1 p.m. - 3 p.m.

Schacht Family Farm Market raises and markets small fruits and vegetables for the local community. The farm has grown from 11 acres with 3 different vegetables to 60 acres of 15-20 home-grown products and numerous other items. David and Lisa Schacht, the fifth generation of the Schacht family, have expanded their vegetable operation into high tunnel and plasticulture- produced strawberries. See their farm market, no-till pumpkins (on rye mulch), sweet corn planted under clear plastic, a sweet corn variety trial, and strawberries under high tunnel and plasticulture production.

[Register Online](#)

[Download Registration Form](#)

[Schedule](#) (including education)

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

Growing Degree Days range from 210 near Kingsville to 490 at Piketon

GDD Ranges (Mod. Sine Wave) Base Temp.50F (Normal +/- Std Dev)

Eastern Redbud First bloom	191
European red mite 1st summer eggs present	237-309
Mirid bugs 90% hatch	240-322
Mirid bugs hatch complete	252-350
Plum curculio oviposition scars present	256-310
Flowering Dogwood first bloom	263
Pear psylla hardshells present	271-361
American plum borer peak catch	279-495
Common lilac full bloom	315
San Jose scale 1st flight peak	319-413
Redbanded leafroller 1st flight subsides	321-561
Codling moth 1st flight peak	325-581
Obliquebanded leafroller pupae present	328-482
Spotted tentiform leafminer 1st flight subsides	353-565
Rose leafhopper adults on multiflora rose	366-498
Lesser peach tree borer adult emergence	372
Black cherry fruit fly 1st catch	380-576
Pandemis leafroller first catch	420-508
European red mite summer egg hatch	424-572
Peachtree borer 1st catch	439-841
Obliquebanded leafroller 1st catch	479-605
Multiflora rose first bloom	548
Spotted tentiform leafminer 2nd flight begins	560-740
Obliquebanded leafroller 1st flight peak	565-827
Lesser appleworm 1st flight subsides	570-920
Pear psylla 2nd brood nymphs hatch	584-750

## **Fruit Observations and Trap Reports**

**North Central Ohio Tree Fruit IPM Program** -Report Prepared by Cindy Crawford  
(Erie County Adm Assoc.)

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

5/4/09

### Apples

Spotted tentiform leafminer – 121.625 (up from 202)

Redbanded leafroller – 7 (up from 6)

Oriental Fruit Moth – 8.33 (up from 3.2)

Lesser appleworm – 0 (same as last week)

San Jose scale – 0 (first report)

### Peaches

Redbanded leafroller- 13 (up from 5.2)

Oriental Fruit Moth – 7.5(up from 2.5)

4/27/09

Apples

Spotted tentiform leafminer – 202 (up from 49.8)  
Redbanded leafroller – 6 (down from 12)  
Oriental Fruit Moth – 3.2 (up from 0)  
Lesser appleworm – 0 (same as last week)

Peaches

Redbanded leafroller- 5.2 (down from 7)  
Oriental Fruit Moth – 2.5 (up from 0)

4/20/09

Apples

Spotted tentiform leafminer – 49.8 (first report)  
Redbanded leafroller – 12 (first report)  
Oriental Fruit Moth – 0 (first report)  
Lesser appleworm – 0 (first report)

Peaches

Redbanded leafroller- 7 (first report)  
Oriental Fruit Moth – 0 (first report)

Lois McDowell – East District IPM Scout (Erie & Lorain Co.)

5/4-5/09

Apples

Spotted tentiform leafminer – 355 (down from 735)  
Redbanded leafroller – 13.3 (down from 18.1)  
San Jose scale – 0 (same)  
Codling Moth - .3 (first report)  
Oriental Fruit Moth – 1.375 (first report)  
Lesser Appleworm - 2.0 (first report)

Peaches

Redbanded leafroller- 2 (down from 5.7)  
Oriental Fruit Moth – .8 (up from 0)

4/27-28/09

Apples

Spotted tentiform leafminer – 735 (first report)  
Redbanded leafroller – 18.1 (first report)  
San Jose scale – 0 (first report)

Peaches

Redbanded leafroller- 5.7 (first report)  
Oriental Fruit Moth – 0 (first report)

**Columbus Trap Report** – Reported by Gretchen Sutton

Waterman Lab apple orchards, Columbus, Ohio

\*Note: codling moth biofix is 5/6/09

4/29/09 (petal fall) to 5/6/09 (fruit set)

Pests:

Redbanded leafroller: 0 (down from 3 last week)  
 Spotted tentiform leafminer: 3 (down from 9 last week)  
 San Jose scale(mean of 2): 5.5 (up from 0 last week)  
 Codling Moth (mean of 3) : 0.3 (up from 0 last week)  
 Codling Moth DA/ Combo : 0 (same as last week)  
 Lesser appleworm (mean of 2): 3 (up from 1.5 last week)  
 Tufted apple budmoth: 0 ( same as last week)

4/22/09 (early bloom) to 4/29/09 (petal fall)

Pests:

Redbanded leafroller: 3 (down from 9 last week)  
 Spotted tentiform leafminer: 9 (down from 26 last week)  
 San Jose scale: 0 (same as last week)  
 Codling Moth (mean of 3) : 0 (first week)  
 Codling Moth DA/ Combo : 0 (first week)  
 Lesser appleworm (mean of 2): 1.5 (first week)  
 Tufted apple budmoth: 0 (first week)

4/15/09 (pink) to 4/22/09 (early bloom)

Pests:

Redbanded leafroller: 9 (up from 7 last week)  
 Spotted tentiform leafminer: 26 (down from 91 last week)  
 San Jose scale: 0 (first week)

## **Roadmap for Agricultural Research, Education, and Extension**

Notice of public comment period for written stakeholder input.

### Background and Purpose

The Roadmap will identify current trends and constraints and major opportunities and gaps that no single entity within the Department of Agriculture would be able to address individually. Stakeholder input is encouraged on any and all aspects of the development and implementation of the Roadmap, including responses to the following questions:

1. What types of current and future critical issues (including those affecting citizens, communities and natural resources) does agriculture face that no USDA entity could address individually?
2. What criteria should USDA use to prioritize agricultural science (i.e., research, education, and extension) investments to address these issues?
3. How might USDA better coordinate agricultural sciences among its various agencies and with its partners?
4. What are some examples where agricultural sciences are successfully coordinated for maximum benefit? Why are they successful?
5. What are some examples where agricultural sciences are not coordinated effectively? Why is coordination lacking? What are the barriers?
6. What else might USDA do to improve coordination of science; enhance USDA's ability to identify issues and prioritize investments; and elevate its role in science implementation and coordination?

Dates: All written comments must be received by 5 p.m. EST, May 31, 2009, to be considered.

Addresses: You may submit comments, identified by REE-2009-0001, by any of the following methods:

Federal eRulemaking Portal: <http://www.regulations.gov>. Follow the instructions for submitting comments.

E-mail: [Roadmap@osec.usda.gov](mailto:Roadmap@osec.usda.gov). Include REE-2009-0001 in the subject line of the message.

Fax: (202) 690-1677.

Mail: Paper, disk or CD-ROM submissions should be submitted to: Michele Simmons; Research, Education, and Extension Office (REEO); U.S. Department of Agriculture; Mail Stop 0114; 1400 Independence Avenue, SW.; Washington, DC 20250-0114.

All submissions received must include the title ``Roadmap" and REE-2009-0001. All comments received will be posted to <http://www.regulations.gov>, including any personal information provided.

FOR FURTHER INFORMATION CONTACT: Michele Simmons, (202) 720-1777 (phone), (202) 690-1677 (fax), or [Roadmap@osec.usda.gov](mailto:Roadmap@osec.usda.gov).

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

***May 19 Mid-Mississippi Valley OrchardTour***, Reid's Orchard, Owensboro, KY. This is a cooperative tour between the Missouri, Illinois and Kentucky. This is Kentucky's year to host the tour. For more information Contact Annette Heisdorffer 270-685-8480 or JohnStrang 859-257-5685

***May 21, High Tunnel Strawberry Production Workshop***, Ohio State University South Centers, Piketon, 6-8 p.m., \$5 registration fee, (740) 289-2071.

***June 6 Summer KY State Beekeepers Assoc. Field Day***, Walter T. Kelley Company, Letchfield. Pre- registration is required. For more information contact Joe Taylor,KSBA at (270) 879-8654, [shopteacher@gmail.com](mailto:shopteacher@gmail.com) or [shop\\_teacher@yahoo.com](mailto:shop_teacher@yahoo.com).

***June 17, Beekeeping Field Day***, OARDC (start at Fisher Auditorium), Wooster, 3-7 p.m., registration fee (TBD), (330) 263-3684.

***June 18, New Crop Opportunities Workshop***, OSU South Centers, Piketon, 6-8 p.m., \$5 registration fee, (740) 289-2071.

June 22-26, The 10th International Rubus and Ribes Symposium. Zlatibor, Serbia.

***June 23, National Pollinator Week Celebration***, Secrest Arboretum, OARDC, Wooster, 2-4 p.m., free, (330) 263-3761.

**June 23-24 Southern Indiana Fruit Tour**, Engelbrecht Orchards, Evansville, IN on June 23 and Reid's Orchard in Owensboro, KY on June 24. More information to follow.

June 24, OPGMA Summer tour. More information in this issue.

**June 25, Organic Farming Education and Research (OFFER) Program Field Day**, West Badger Farm, OARDC, Wooster, 1:30 p.m., free, (330) 202-3528.

**July 14 U.K. Nursery Crops Program –Air Blast Sprayer Calibration**, Green Ridge Tree Farm, 6100 Bardstown, Rd., Elizabethtown, KY. Pre-registration is required. For more information contact Amy Fulcher at 859-257-1273 or [afulcher@uky.edu](mailto:afulcher@uky.edu).

**July 16, Irrigation Management Workshop**, OSU South Centers, Piketon, 6-8 p.m., \$5 registration fee, (740) 289-2071.

**July 23 University of Kentucky Research and Education Center All-Commodity Field Day**, Princeton, KY. For more information contact: Win Dunwell (270)365.7541 ext 209 or [wdunwell@uky.edu](mailto:wdunwell@uky.edu)

**Aug. 1 U.K. & KVS Grape Summer Field Day**, Lover's Leap Vineyards and Winery, Lawrenceburg. For more information contact Chris Smigell 859-257-3598.

**Aug. 13, Horticulture Field Day**, OSU South Centers, Piketon, 6-9 p.m., \$10 registration fee, (740) 289-2071.

**Aug. 19, Ohio Grape and Wine Field Day**, OARDC's Ashtabula County Agricultural Research Station, Kingsville, 1-4 p.m., free, (440) 224-0273.

**Aug. 19, OSU Extension Grape Twilight Tour**, locations and program TBD, 5 p.m., registration fee (TBD); for details call OSU Extension's Ashtabula County office, (440) 576-9008.

**Sept. 17, Growing Winegrapes Workshop**, OSU South Centers, Piketon, 6-8 p.m., \$5 registration fee, (740) 289-2071.

**Sept. 22-24, Farm Science Review**, Molly Caren Agricultural Center, London; 8 a.m.-5 p.m., Sept. 22-23; 8 a.m.-4 p.m., Sept. 24; tickets \$5 in advance from most Ohio agribusinesses and all county offices of Ohio State University Extension, \$8 at the gate, children 5 and under free; (614) 292-4278.

**Nov. 19, Wildlife Control Workshop**, OSU South Centers, Piketon, 6-8 p.m., \$5 registration fee, (740) 289-2071.

Jan. 4-5, 2010 Kentucky Fruit and Vegetable Conference and Trade Show. Embassy Suites Hotel, Lexington, KY. Contact John Strang 859-257-5685.

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