

# Ohio Fruit ICM News

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## Comments from the Editor

It has been a long process, but we hope to have our new website up and functional any day now. We think you will like the new format. For older archived copies of the newsletter you can go to <http://ipm.osu.edu/fruit/index.html>.

For those in central Ohio, there will be a twilight tour and update meeting at Lynd's Fruit Farm on July 8<sup>th</sup>. Details are in the calendar section. Also the OPGMA Summer Tour is next week in Wooster, so don't forget to get your registrations turned in.

## Fruit Observations and Trap Reports

North Central Ohio Tree Fruit IPM Program, report prepared by Cindy Crawford  
Ted Gastier – West District IPM Scout (Sandusky, Ottawa, Huron and Richland Counties) – 6/9/08

### Apples

Spotted tentiform leafminer – 1.3 (down from 4.8)  
Redbanded leafroller – 0 (same)  
Oriental Fruit Moth – 2.5 (down from 6)  
San Jose Scale – 0 (same)  
Codling Moth – 11.1 (up from 10.3)  
Lesser Apple Worms – 0 (same)

### Peaches

Redbanded leafroller- 0 (same)  
Oriental Fruit Moth – 0.6 (down from 2.1)  
Lesser Peach Tree Borer – 9.3 (up from 6.3)  
Peach Tree Borer – 0 (same)

Lois McDowell – East District IPM Scout (Erie and Lorain Counties) – 6/9-10/08

Apples

Spotted tentiform leafminer – 13.4 (up from 2.6)  
Redbanded leafroller – 0 (down from 0.1)  
San Jose scale – 0 (same as last week)  
Oriental Fruit Moth – 17 (up from 6.5)  
Codling Moth – 26.4 (up from 21.9)

Peaches

Redbanded leafroller- 0 (same as last week)  
Oriental Fruit Moth – .6 (down from .4)  
Lesser Peach Tree Borer – 16.8 (up from 6.2)  
Peach Tree Borer – 0 (same)

Waterman Lab Apple Orchards, Columbus 6/5/08 to 6/11/08

Redbanded leafroller:	3 (up from 0 last week)
Spotted tentiform leafminer:	128 (up from 12 last week)
San Jose Scale (mean of 2):	0 (same as last week)
Codling moth (mean of 3):	0.3 (down from 1.3 last week)
Codling moth DA/combo:	0 (down from 1 last week)
Lesser appleworm (mean of 2):	3 (down from 6.5 last week)
Tufted apple budmoth:	10 (up from 0 last week)
Variegated leafroller:	5 (up from 4 last week)
Oblique-banded leafroller:	26 (down from 56 last week)

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

GDD accumulations in Ohio range from the low 700's's in the northern Ohio to low 1048 at Piketon as of June 15.

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

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
San Jose scale 1st generation crawlers present	619-757
Arrowwood viburnum full bloom	621
Obliquebanded leafroller summer larvae hatch	625-957
American plum borer 1st flight subsides	698-1032
Apple maggot first catch	750-1034
Redbanded leafroller 2nd flight begins	770-1070
Greater Peach tree borer adult emergence	775
Oriental fruit moth 2nd flight begins	784-1020

Codling moth 1st flight subsides	808-1252
Pandemis leafroller flight subsides	861-1053
Spotted tentiform leafminer 2nd flight peak	861-1217
Lesser appleworm 2nd flight begins	889-1305
Comstock mealybug 1st flight peak	931-1143
Redbanded leafroller 2nd flight peak	965-1353
San Jose scale 2nd flight begins	1013-1309
American plum borer 2nd flight begins	1020-1232
American plum borer 2nd flight peak	1310-1676
Spotted tentiform leafminer 2nd flight subsides	1328-1672
Codling moth 2nd flight peak	1337-1977
Rose-of-Sharon first bloom	1347

**Phylloxera in Ohio Vineyards** by [Roger N. Williams](#) & [Dan S. Fickle](#), Dept. of Entomology, OARDC/OSU (Source: OGEN 13 June 2008)

We have noted the first foliar phylloxera galls in our experimental planting in Wooster. With this in mind those of you who in the past have experienced a problem with this pest should be scouting for its presence and consider making an application of insecticide to prevent it from building up to economically damaging levels. Applications should be made when the foliage is dry and not during the hottest part of the day in order to lessen the chances of phytotoxicity occurring especially if you're using a product like endosulfan. The pyrethroids Danitol, Capture and Baythroid may also be used for control of this pest. If phylloxera galls are present in isolated areas of your vineyard spot treatments may be all that is necessary. If allowed to go unchecked phylloxera populations can cause severe loss of foliage especially on highly susceptible cultivars.

Walk the perimeter of your vineyard, and also check a few areas within, looking for galls on the underside of the new foliage. At this time of the year there may only be a single gall on a leaf, which may have a reddish cast to it. More than one application of insecticide may be required. See the small fruit spray recommendations at: [http://www.hort.purdue.edu/hort/ext/sfg/sfg\\_sprayguide.html](http://www.hort.purdue.edu/hort/ext/sfg/sfg_sprayguide.html)

In Ohio we have what we refer to as two biotypes of phylloxera. One will cause foliar damage to French hybrids and some vinifera cultivars while the other is capable of forming galls on Labrusca cultivars. The later biotype seldom develops to economically damaging levels on Labrusca vines. If you have phylloxera in your vineyard we are interested in knowing what cultivars are affected. Recently the department of Entomology has acquired a population geneticist, Dr. Andrew Michel who will be working with us on a project to look at the genetic diversity of phylloxera in Ohio. This information will help us to better understand how this pest is adapting to grape cultivars grown in Ohio and may in the future help in the development of resistant cultivars. Please let us know if phylloxera is present, particularly on American cultivars such as: Concord, Catawba, Delaware, Elvira, and Niagara. You can contact us at: The Dept. of Entomology, 1680 Madison Ave., Wooster, OH 44691 or by phone at 330-263-3731, or 330-263-3623.

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

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 20-21, Ohio State Beekeepers Association Summer Meeting, Athens High School, Athens, Ohio. Registration is \$10.00 for members, \$20.00 for non-members - \$20.00. Lunch is an additional \$8.00.

June 22-25, International Fruit Tree Association summer tour. South Carolina and North Carolina. For more information: <http://www.ifruittree.org/>

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

***July 8, Lynd's Fruit Farm Twilight Tour and Update***, 9090 Morse Road, SW, Pataskala. 6:30 PM Wagon tour of brambles, apples, pears, plums and peaches. Mike Ellis, OSU Plant Pathologist, Celeste Welty, OSU Fruit and Vegetable Entomologist. David O'Brien, UAP, Bill Haddad, Valent, will be discussing management practices, disease control, insect control, weed control. Light supper and drinks - Compliments of UAP and Valent Chemical. Reservations are appreciated however, they are not essential. Phone reservations to 740-670-5315 or email [siegrist.1@cfaes.osu.edu](mailto:siegrist.1@cfaes.osu.edu)

***Aug. 6, Currant Growing Workshop***, Walnut Grove Farm, 59 Walnut Lane, Staatsburg, NY 12580. Dr. Kerik Cox, Steven McKay and Greg Quinn, will discuss growing currants for the commercial market. Registration is free, but please call 518-828-3346 before August 4th so we can plan appropriately. This program is being sponsored by Cornell Cooperative Extension, NY Farm Viability Institute and the NYS Berry Growers Association.

August 20-21, NASGA Summer Tour. Based out of Columbus, Ohio. For more information contact Kevin Schooley [kconsult@allstream.net](mailto:kconsult@allstream.net) Telephone (Canada) 613 258-4587. The hotel will be the Drury Inn and Convention Center <http://www.druryhotels.com/properties/columbuscvc.cfm>

August 21-22, Apple Crop Outlook and Marketing Conference, Chicago. In addition to the annual crop projections (from both USDA and USApple), the conference will feature presentations from several consumer marketing experts, roundtable discussions, networking opportunities and awards presentations. Online registration at [www.usapple.org](http://www.usapple.org) <<http://www.usapple.org>> begins May 15.

Oct. 5-9, High Tunnel Tour of England. A 5-day bus tour of high tunnel culture in England for growers, Extension folks, or any other interested people. Cost is \$800 per person (\$700 double), which includes most meals and all lodging (flight to London not included). We will tour cherries, raspberries, and strawberries and possibly other crops under tunnels. Deadline for registration is August 22. Full details and registration forms are posted at: <http://www.hrt.msu.edu/TUNNELTOUR/>. Contact Eric Hanson at MSU (517-355-5191 x1386, [hansone@msu.edu](mailto:hansone@msu.edu)) with any questions.

Nov. 6-8, Southeast Strawberry Expo, Hilton Charlotte University Place, Charlotte, NC. Includes Strawberry Plasticulture Workshop for New Growers, farm tour, educational sessions, and trade show. For more information, email [info@ncstrawberry.com](mailto:info@ncstrawberry.com)

Dec 8-10, North American Raspberry & Blackberry Conference. DeVos Place Convention Center, Grand Rapids, MI, as part of the Great Lakes Expo. For more information, email [info@raspberryblackberry.com](mailto:info@raspberryblackberry.com).

Dec. 9-11, Great Lakes Fruit, Vegetable and Farm Market Expo, DeVos Place Convention Center, Grand Rapids, <http://www.glexpo.com/>.

## **2009**

Jan. 5-6, 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)

January 12-14, OPGMA Congress, The Nia Center at the Kalahari Resort Sandusky, Ohio

Jan 19-21, Indiana Horticultural Congress, Adam's Mark Hotel, Indianapolis.

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