

Ohio Fruit ICM News

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Comments from the Editor

Heavy scattered rains have made it difficult for growers to keep up with sprays, but excellent quality fruit is still seen in the local farmer's markets. Prices are staying firm.

We are in our last week of plasticulture strawberry picking and will be getting final data over the next week. A quick look at early data indicates that we should hit our target of 20,000 lbs to the acre in our control plots.

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

Growing Degree Days range from around 550 in northern Ohio to almost 900 at Piketon

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

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
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

Fruit Observations and Trap Reports

North Central Ohio Tree Fruit IPM Program prepared by Cindy Crawford (Erie County Adm Assoc.)

Ted Gastier – West District IPM Scout (Sandusky, Ottawa, Huron & Richland) – 5/26/09

Apples

- Spotted tentiform leafminer – 22.9 (up from 9.3)
- Redbanded leafroller – 0 (down from 1)
- Codling Moth - 11 (up from .7)
- Oriental Fruit Moth – 23.2 (up from 11)
- Lesser appleworm – 0 (same as last week)
- San Jose scale – 0 (same as last week)

Peaches

- Redbanded leafroller- 0 (down from 4)
- Oriental Fruit Moth – 4 (up from 1.8)

Lois McDowell – East District IPM Scout (Erie and Lorain Counties) – 5/26-27

Apples

- Spotted tentiform leafminer – 53.4 (down from 83.7)
- Redbanded leafroller – .1 (down from .8)
- San Jose scale – 1.33 (up from 0)
- Codling Moth – 13.3 (up from .8)
- Oriental Fruit Moth – 5.88 (up from .3)
- Lesser Appleworm - 10.5 (up from 1.3)

Peaches

- Redbanded Leafroller- 0 (down from 1)
- Oriental Fruit Moth – 10.8 (up from 2.2)
- Lesser Peachtree Borer – 11 (up from 5.3)

Ohio State University's 2009 Beekeeping Field Day by Kurt Knebusch, OSU Media Services

This year's event takes place on Wednesday, June 17, 3-8 p.m., at the Ohio Agricultural Research and Development Center (OARDC) in Wooster.

Speaking will be commercial beekeeper Roy Hendrickson; Eastern Apicultural Society (EAS) master beekeeper Jim Thompson; Joe Kovaleski, EAS master beekeeper and vice president of the Tri-County Beekeepers Association; and Jim Tew, apiculture specialist with Ohio State University Extension.

They'll cover such topics as the queen, wintering nucs, colony increase and moving bees safely.

Registration costs \$30 per person, includes dinner and is due by June 15.

Register by calling 330-263-3684 (credit cards accepted) or by sending your name, address and registration payment to Sherry Ferrell, OSU Honey Bee Laboratory, 1680 Madison Ave., Wooster, OH 44691. Make checks payable to OSU Honey Bee Lab.

Call 330-263-3684, e-mail ferrell.6@osu.edu or go to <http://www.honeybeelab.com/> (click on the "Events" blog) for more information.

Sessions will be in Fisher Auditorium on the OARDC campus, 1680 Madison Ave.

The schedule:

- 3-3:30 p.m.: registration.
- 3:30 -3:45 p.m.: welcome, introductions.
- 3:45-4 p.m.: "A Brief Review of the Beekeeping Industry's Status in Ohio," Tew.
- 4:15-5 p.m. (concurrent): "Wintering Nucs in Ohio," Hendrickson; "Colony Increase," Thompson; "Moving Bees Safely," Tew.
- 5-6 p.m.: dinner (Gerber's barbecue chicken, side dishes, dessert, beverage).
- 6-6:45 p.m. (concurrent): "Wintering Nucs in Ohio," Hendrickson; "The Queen," Kovaleski; "Observation Hives," Tew.

- 7-7:45 p.m. (concurrent): “Colony Increase,” Thompson; “The Queen,” Kovaleski; “Moving Bees Safely,” Tew.
- 7:45-8 p.m.: wrap up.

The OSU Honey Bee Lab is administered by OARDC (<http://www.oardc.ohio-state.edu>) and by OSU Extension (<http://extension.osu.edu/>), the research and outreach arms, respectively, of Ohio State’s College of Food, Agricultural, and Environmental Sciences.

Chile launches Berry Committee by Gill McShane (*Source:fruitnet.com*)

The new organization is designed to support the positioning of Chile’s rapidly expanding blueberry offer on the world market

The Chilean Exporters Association (Asoex) has established a Berry Committee (El Comité de Berries) in an attempt to boost Chile’s competitive edge on the global blueberry market in light of the country’s burgeoning offer.

The launch took place at a special Blueberry Seminar held in Santiago, Chile, on 26-27 May, where Asoex chairman Ronald Bown urged Chilean berry producers and exporters to join the new organization, citing its creation as a way in which to face head on current challenges.

Following the rapid growth in blueberry consumption around the world, South America’s blueberry offer has now grown faster than the rate of demand, according to Asoex, which has put increasing pressure on prices.

“Since last season we’ve seen an increase in blueberry production of around 40 per cent in Chile and 60 per cent in Argentina,” explained Mr Bown. “The Berry Committee will serve to establish voluntary standards and generate a solid competitive edge for Chile’s blueberry industry in an effort to stave off the negative effects we are currently witnessing.”

In terms of structure, the Committee counts on a temporary board of directors, comprising figureheads from Chile’s leading berry exporters, including: Agroberries, Driscoll’s Chile, Hortifrut, Sunbelle Berries and Vitalberry Marketing.

The Committee is presided over by Felipe Juillerat of Vitalberry Marketing and will initially focus on establishing strategies for the short, medium and long-term.

Such initiatives include placing greater emphasis on opening up new export destinations and further tapping the US market, as well as increased efforts and support for international promotional campaigns and the provision of market intelligence.

OPGMA Summer Tour

Held June 24, attendees will have abundant opportunities to tour both of the host sites: Bachman's Sunny Hill Fruit Farm, featuring apple production, and Schacht Family Farm Market, showcasing plasticulture strawberries as well as a variety of summer crops.

There will also be available a number of speakers from each facility and from the industry. The sessions at this year's tour include:

- An overview of new apple thinning trails currently being held at several grower sites around the state. Speaker Jozsef Racsko.
- New approaches to apple insect and mite management (Celeste Welty) will explain how codling moths are being controlled with a new chemistry and pheromone mating disruption product, Isomate-CTT.
- An update on the Ohio Apple Marketing Program from Mitch Lynd.
- Identifying crop disease and insect issues with a panel of experts from the Plant and Pest Diagnostic Clinic.
- Understanding and managing tree and small fruit disease problems (Mike Ellis).
- A discussion of maximizing food safety and handling procedures with Bob Jones.
- Marketing techniques from the managers of a 30-year-old farm market and pick-your-own farm.
- Production techniques for strawberries (Brad Bergefurd) and sweet corn (Bob Precheur), including ideas to extend the corn season into late June.
- Examples of watermelon, cucumber, summer squash, peas, stringless green beans, white half-runner beans, and tomatoes, including sorting lines, mechanical harvester, and drip irrigation.

To register or to learn more about the stops and education on 2009 OPGMA Summer Tour & Field Day, go to www.opgma.org/events.

EPA Strengthens Safety Measures for Soil Fumigant Pesticides (*source: EPA Pesticide Program Updates 5/27/09*)

The Environmental Protection Agency is strengthening safety measures for soil fumigant pesticides. The safety measures will reduce fumigant exposures to bystanders—people who live, work, attend school, or spend time near agricultural fields that are fumigated—and increase overall safety of fumigant use by requiring greater planning and compliance.

"With new restrictions, we're allowing the continued use of fumigant pesticides without risking human health and the environment," said EPA Administrator Lisa P. Jackson. "Full transparency and the best science shaped a plan to protect the economic interests of agricultural communities and the public health of farm workers and consumers."

Soil fumigants are pesticides that, when injected or incorporated into soil, form a gas that permeates the soil and kills a wide array of soil-borne pests. The gas can migrate from the soil into the air. Off-site workers or bystanders exposed to these pesticides may experience eye, nose, throat, or respiratory irritation, or more severe poisonings, depending on the fumigant and level of exposure. Some of the new safety measures include creating buffer zones, enforcing posting requirements, adding measures to protect agricultural workers and strengthening training programs, among other practices.

EPA took extensive public comments on the safety measures, announced initially in July 2008, to refine the measures as needed and develop an implementation strategy. This included many public meetings and visits with state agencies and agricultural, farm worker, and public health constituents. Adjustments to the 2008 proposal have been made based upon new scientific data and improved information on certain technological capabilities. EPA will continue to work with state agencies, growers, farm workers, and public health officials to achieve the new protections while minimizing costs and burdens on growers. The measures will be implemented starting in the 2010 and 2011 growing seasons.

Fumigants are used on a wide range of crops, primarily potatoes, tomatoes, strawberries, carrots, and peppers. The soil fumigants methyl bromide, chloropicrin, dazomet, metam sodium, metam potassium, and iodomethane are all subject to the new requirements.

More information on fumigants:

http://www.epa.gov/oppsrrd1/reregistration/soil_fumigants/

SW Michigan Fruit Report, June 2 by Mark Longstroth, Bill Shane, Diane Brown-Rytlewski (MSU Email Update)

Tree fruit:

Apricot fruit are 18 to 24 mm in diameter.

Peach fruits are 14 to 18 mm in diameter. Generally the crop looks good. We are seeing some symptoms of winter injury. In trees that were damaged by the cold, we are seeing the oldest leaves on the shoot yellow and fall off. Peach leaf curl symptoms remain scarce.

Sweet cherry fruits are 16 to 18 mm in diameter, and beginning to color. Birds are already a problem feeding on early cherry varieties. Harvest of cherries in high tunnels may start this weekend

Tart cherries are 12 to 14 mm in diameter. The cherry crop appears light and spotty. Some growers report a good crop. Spurs are collapsing in 'Montmorency' orchards. The wet season and bacterial canker leaf lesions hint that this may be bacterial canker.

Plums, European plums are 10 to 12 mm in diameter. Oriental plums are 16 to 20 mm. Shoot holing symptoms similar to bacterial canker or prunus necrotic leaf spot have been found in Japanese plums.

Apple fruitlets are 15 to 20 mm in diameter with a few varieties such as 'Zestar!' over 25 mm. Generally the crop looks good, but some orchards may require more thinning.

Pear fruit are 12 to 14 mm in diameter. Pear Psylla are hard to find.

Small fruit

Blueberries fruit are pea sized and bloom is finished. Mummyberry shoot strikes are severe in some fields where more than half the shoots have been killed. Many growers have mistaken these severe symptoms for frost injury, phomopsis or herbicide injury. There is a Blueberry weed control demonstration tour at the Getzoff Farm, 7093 116th St. near Fennville. The Michigan Blueberry IPM Newsletter is posted at the Dr Rufus Isaac's [Berry Entomology Lab](#).

Grape shoots are 12 to 16 inches long; flower buds are separating in the cluster. Bloom should begin late this week of early next. Wild grape bloom began last Thursday in southern Berrien County. Wild grape bloom is used to start the [grape berry moth model](#) on the Enviroweather website. We expect grape growth to move slowly during this cool weather. This week is the time for growers to apply their prebloom fungicides to suppress grape disease development, especially phomopsis. An SI material such as Rally or Elite should be included to control powdery mildew. Downy mildew lesions are on wild grape. A few grape berry moths have been trapped but sprays should wait until the end of bloom. Grape Leafhopper adults can be found and we expect to see rose chafer soon. See the most recent copy of Grape IPM Newsletter at the [MSU Grape current conditions webpage](#). Here is a link a table of SW Michigan's [Grape Growing Degree-Days from April 1 to May 25, 2009](#).

Strawberry bloom is winding down and the largest fruit are coloring. Early harvest has begun and general harvest is expected this weekend.

Raspberry bloom is underway. Avoid using insecticides during bloom. We expect to see the first Japanese beetle this week. Large numbers of this pest generally emerge during raspberry harvest. Primocanes are 12 to 24 inches tall.

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

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 or shop_teacher@yahoo.com.

June 11, Illinois Summer Horticulture Field Day, Royal Oak Farm Orchard, Harvard, Ill. For more information call 309-530-7678.

June 17, Beekeeping Field Day, OARDC (start at Fisher Auditorium), Wooster, 3-7 p.m., registration fee \$30 due by June 15. For more information contact Sherry Ferrell, OSU Honey Bee Laboratory, ferrel.6@osu.edu, or phone 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, Secest 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. 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. OPGMA will host a brief session focusing on food safety during lunch. For more information contact OPGMA, 614-487-1117, opgma.org, or opgma@ofa.org.

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 4-11, 83rd National Cherry Festival, Traverse City, MI. For more information www.cherryfestival.org.

July 12-15 North American Farmers Direct Marketing Associations Advanced Learning Retreat, Hubers Orchard and Winery, Starlight, Ind. For more information www.nafdma.com.

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.

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

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. 2-5, IFTA Annual Orchard Short Tour, Nova Scotia, Canada. For more information www.ifruittree.org.

Aug. 6-9, 46th Annual National Blueberry Festival, South Haven, MI. For more information www.blueberryfestival.com.

Aug. 11-12 NASGA 2009 Summer Strawberry Tour. Chicago, IL. For more information contact Kevin Schooley, 613-258-4587, or www.nasga.org.

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.

Aug. 20-21, Apple Crop Outlook and Marketing Conference, Ritz-Carlton Hotel, Chicago, IL. For more information www.usapple.org.

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. 8-10, Southeast Strawberry Expo. Sheraton Imperial Hotel, Durham NC. More information to follow.

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

Dec. 8-10 Great Lakes Fruit Vegetable and Farm Market Expo. DeVos Place Convention Center, Grand Rapids, MI. For more information www.gleexpo.com.

2010

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

Jan 6-8, Illinois Specialty Crops and Agritourism Conference. Crowne Plaza Hotel and Convention Center, Springfield, Ill. For more information contact Diane Handley 309-557-2107, or handley@ilbf.org.

Jan18-20, OPGMA Congress, The Nia Center at the Kalahari Resort, Sandusky, OH. For more information www.opgma.org or opgma@ofa.org

Feb 5-12, NAFDMA's 25th Anniversary Convention, Lancaster PA. more information to follow.

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