

Ohio Fruit ICM News

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Comments from the Editor - Farm Science Review is coming up next month and many of you have made it an annual event to attend at some point. Because there has been some confusion about the use of special needs vehicles, I have included a summary here and there is more information on the website

Fruit Observations and Trap Reports

Waterman Lab Apple Orchards, Columbus: 7/24/08 to 7/30/08

Redbanded leafroller:	16 (up from 0 last week)
Spotted tentiform leafminer:	204 (down from 406 last week)
San Jose Scale (mean of 2):	1.5 (down from 4 last week)
Codling moth (mean of 3):	1 (up from 0 last week)
Codling moth DA/combo:	2 (up from 0 last week)
Lesser appleworm (mean of 2):	1 (up from 0 last week)
Tufted apple budmoth:	8 (up from 0 last week)
Variegated leafroller:	0 (down from 5 last week)
Oblique-banded leafroller:	26 (down from 36 last week)
Apple maggot (mean of 3):	0 (same as last week)

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

We are at 1600 GDD in northern Ohio to just over 2000 GDD in southern Ohio through July 31.

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

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
San Jose scale 2nd flight peak	1432-1790
Apple maggot flight peak	1455-1763
Redbanded leafroller 2nd flight subsides	1469-1855
Lesser appleworm 2nd flight peak	1473-2263
Comstock mealybug 2nd gen. crawlers emerging	1505-1781
Spotted tentiform leafminer 3rd flight begins	1522-1864
Obliquebanded leafroller 2nd flight begins	1528-1836
Oriental fruit moth 3rd flight begins	1597-1893
Comstock mealybug 2nd gen. crawlers peak	1658-1737
Spotted tentiform leafminer 3rd flight peak	1775-2121
Obliquebanded leafroller 2nd flight peak	1784-2108
San Jose scale 2nd flight subsides	1785-2371
Oriental fruit moth 3rd flight peak	1821-2257
Redbanded leafroller 3rd flight peak	1881-2327
Apple maggot flight subsides	1908-2368
Codling moth 2nd flight subsides	1944-2536
Lesser appleworm 2nd flight subsides	1973-2387
Oriental fruit moth 3rd flight subsides	2000-2288
Lesser peachtree borer flight subsides	2017-2433
Obliquebanded leafroller 2nd flight subsides	2036-2458
Redbanded leafroller 3rd flight subsides	2142-2422
American plum borer 2nd flight subsides	2184-2544
Spotted tentiform leafminer 3rd flight subsides	2246-2432

Preliminary Monthly Climatologic Data for Selected Ohio Locations -
 July 2008. This data is from the National Weather Service Preliminary Climatology
 Data.

	Temperature (F)		Precipitation (inches)	
	Average	Departure From Normal	Monthly	Departure From Normal
Akron/Canton	72.0	1.6	3.30	-1.45
Cincinnati	74.3	-2.0	3.39	-0.36
Cleveland	73.5	1.6	3.02	-0.50
Columbus	75.4	0.3	1.65	-2.97
Dayton	73.2	-1.1	5.89	2.14
Mansfield	71.6	0.6	3.30	-0.93
Toledo	73.4	0.4	5.37	2.57
Youngstown	71.5	1.6	6.67	2.57

Farm Science Review Special Needs Vehicles

NEW FOR 2008!!!! Golf cart, electric scooter, segway or approved disabled unit will be the only mode of transportation allowed for the 2008 FSR visitor. No other types of vehicles will be allowed into the FSR exhibit area.

As the Farm Science is a pedestrian show, it is important to limit the use of golf cars to those individuals who require this type of vehicle to use at the show. An expressed need for the use of a special need vehicle should be apparent, whether the vehicle is rented or brought by the individual. It is also the policy of the Farm Science Review to limit all vehicular traffic inside the exhibit area to a minimum and to maintain the area as a primary pedestrian facility.

If a FSR visitor operator brings his/her own golf car, he/she must pay a \$10.00 fee prior to the issuance of a disabled permit.

Individuals that bring a golf cart need to register the vehicle at the FSR Headquarters located at the west end of the exhibit area or at the special need vehicle registration area on the east end of the exhibit area inside Gate C. Vehicle registration is \$10.00 for the 2008 show. A current copy of the rules and regulations will be issued for each Permit.

For more information on this policy please visit the Farm Science Review website at <http://fsr.osu.edu/golfcar.html>

SW Michigan Fruit Update July 29 by Mark Longstroth, Bill Shane

Leaf sampling for nutrient analysis is done in Southern Michigan, from the end of July to early August. We are seeing continued new damage due to San Jose crawlers. We are seeing this pest in more orchards this year. Mite numbers continue to increase. Japanese beetles are still active. Pheromone dispensers in insect traps need to be changed for many of the common types used.

Peach fruit are about 2.5 inches in diameter. Harvest of PF 7 is nearly done. Garnet Beauty, Summer Serenade, and Rising Star being picked now. First pick of Starfire and PF14 New Jersey later this week on sandy sites. Red Haven started coloring several days ago and will start harvest next week in most southern locations. Peach size has been good, bacterial spot is common on leaves of many varieties. No real problem with western flower thrips or rusty spot. Watch for western flower thrip damage to peach and nectarine fruit with this hot weather. Delegate offers a new option for thrip control. Oriental fruit moth adult catches continue to be high for the second generation. Seeing continued new shoot tip flagging due to oriental fruit moth.

Tart Cherry harvesting is ended with Balaton harvest for wineries.

Plum varieties being harvested are Early Magic with Shiro at the end of week. Growers should scout for apple maggot, white apple and potato leafhoppers.

Apples are 2.2 to 3 inches in diameter. Fire blight infections are still moving and growers report lots of oozing from cankers. Streptomycin is recommended following severe storms in the summertime but there is no good material where strep resistance is a problem. Sooty blotch and flyspeck fungicides should be included in cover sprays. Trap catch for codling moth is up in some orchards indicating the beginning of the second-generation flight. Few codling moth larvae can be found in the fruit. Small numbers of Apple maggots have been caught for several weeks in SW Michigan. Apple maggot emerges following rain, about ¼ of an inch is considered the trigger amount.

Obliquebanded leafroller larvae are becoming easier to find but still feeding mainly on leaves for now. The new insecticides Delegate and Altacor seem to be doing a good job controlling this insect. Spotted tentiform leafminer trap catches are declining and new mines can be found. Green apple aphids are common in growing shoot tips. White apple leafhopper leaf stippling can be found in some orchards but is generally scarce. Leaf bronzing due to European red mites and apple rust mites is easier to find. San Jose scale adult trap catch is very low and red spots on apple fruit due to crawlers are showing up in a few orchards. Young trees should be examined for potato leafhopper. Dogwood borer moth began emerging in mid June, indicating the need for trunk sprays in orchards with burr knots attractive to the insect. .

Pears are about 2 inches in diameter. Pear psylla numbers are generally low. Sooty blotch and flyspeck are a concern; fungicides should be included in cover sprays. Both codling moth and oriental fruit moth can damage pear fruit at this time.

Blueberry harvest of all midseason varieties is underway with heavy harvest volumes. Many growers are handpicking large volumes for the fresh market because of low process fruit prices. Japanese beetles and blueberry maggot flies are out. Preharvest sprays primarily target the diseases alternaria and anthracnose, as well as Japanese beetle and blueberry maggot.

Grapes are at nearing veraison and some early varieties have begun to change color. Grape berry moth trap catches are up indicating the start of the second generation. Larval stings and split berries are easy to find in vineyards with light crop and minimum sprays. Grape leafhoppers are scarce. Wine grapes need to be protected from potato leafhoppers. Japanese beetles are easy to find. Fungicides at this time should target all four major fruit diseases; powdery mildew, downy mildew, black rot and phomopsis. Black rot berry symptoms have been found in unsprayed vineyards as well as downy mildew. Berry susceptibility decreases as veraison begins. Phomopsis lesions in the fruit clusters can be found. The fruit becomes resistant but the cluster rachis is always susceptible to this disease. With the frequent heavy rains recently we expect significant losses to this disease.

Strawberry regrowth is underway from renovation. Growers should protect against potato leafhoppers to prevent hopper burn and stunting of new growth.

Raspberry and Blackberry harvest is continues. Growers should be prepared to protect against Japanese beetles.

Senior Farmers' Market Nutrition Program

WASHINGTON, July 30, 2008 - Agriculture Secretary Ed Schafer today announced \$21 million in final Fiscal Year 2008 grant awards to 49 state agencies and tribal organizations for the Senior Farmers' Market Nutrition Program. These senior's markets provide low-income seniors with coupons exchanged for fresh produce at farmers' markets, roadside stands and community-supported agriculture programs.

"The Senior Farmers' Market Nutrition Program provides low-income seniors with improved nutrition choices while also helping local farmers gain new customers who will eat more fresh fruits and vegetables," said Schafer. These grants will serve more than 900,000 low-income senior citizens nationwide this season. This year, coupons for fresh produce will be accepted by over 14,000 farmers at more than 5,100 markets, roadside stands and/or community-supported agriculture programs.

The new Farm Bill provides \$20.6 million to operate the seniors' market grants this year, an increase of \$5.6 million in appropriated funds. An additional \$1.2 million in FY 2007 unspent funds are also available for use. All 46 State agencies that received funding in 2007 will receive funding in 2008. In addition, 2 new State agencies - Arizona and New Mexico - and one new Indian Tribal Organization - Standing Rock Sioux in North Dakota- will receive funding.

FY 2008 SFMNP FINAL GRANT LEVELS (*edited - SW*)

Indiana	\$59,604
Kentucky	\$316,371
New York	\$1,906,553
Ohio	\$1,719,840
Pennsylvania	\$1,907,481
West Virginia	\$544,630
NATIONAL TOTAL	\$21,835,982

USDA's nutrition assistance reaches one in five Americans every year, serving as the nation's first line of defense against hunger. USDA's 15 assistance programs include the Food Stamp Program, Senior Farmers' Market Nutrition Program, school meals programs and the Special Supplemental Nutrition Program for Women, Infants and Children, known as WIC.

EPA Acts to Address Carbofuran Residues in Food

EPA press release date: 07/24/2008

Due to considerable risks associated with the pesticide carbofuran in food and drinking water, EPA is revoking the regulations that allow carbofuran residues in food. Even

though carbofuran is used on a small percentage of the U.S. food supply and therefore the likelihood of exposure through food is low, EPA has identified risks that do not meet our rigorous food safety standards. EPA is taking the necessary steps to address these risks to ensure we have the safest food supply possible. The United States has a safe and abundant food supply, and children and others should continue to eat a variety of foods, as recommended by the federal government and nutritional experts.

In addition, EPA is proceeding on the path toward cancellation of the pesticide registration, which will address the risks to pesticide applicators and birds in treated fields. As part of this effort, EPA is also releasing its response to the peer review conducted by the independent Scientific Advisory Panel and the agency's response to the U.S. Department of Agriculture's comments on the effect of the cancellation of carbofuran on the agricultural economy.

EPA will accept public comments on the proposed tolerance revocation for 60 days. For additional information, visit:
epa.gov/pesticides/reregistration/carbofuran/carbofuran_noic.htm

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

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 19, Wind Machine Information Day & Tour, Ontario. For more information contact Ken Slingerland (OMAFRA) at ken.slingerland@ontario.ca.

August 20-21, NASGA Summer Tour. Based out of Columbus, Ohio. For more information contact Kevin Schooley 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>> begins May 15.

August 28, OFFER Field Day, OARDC West Badger Farm, Wooster OH. For more information phone 330.202.3528 or bielek.4@osu.edu.

Sept. 6 The Kentucky State University/Ohio Pawpaw Growers Association/Pawpaw Foundation Pawpaw Workshop, Frankfort, KY For registration information,

go to <http://www.pawpaw.kysu.edu/pawpaw/2008workshop.htm> or write Dr. Kirk Pomper, Kentucky State University, 129 Atwood Research Facility, Frankfort, KY 40601, or call 502-597-6174.

September 16-18, Farm Science Review, Molly Caren Agricultural Center, London. For more information contact Chuck Gamble 614.292.4278 or gamble.19@osu.edu

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) 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

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.

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

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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

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