

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

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Comments from the Editor

'Bristol' and 'Jewel' are beginning to slow down with 'Mac Black' harvest ready to begin late next week if the weather holds. Summer red raspberries are winding down and the first of the fall reds are beginning. 'Blue Ray' blueberry harvest has begun and plasticulture strawberry growers will be placing orders for runner tips in the next couple of weeks.

For those of you in Eastern Ohio that want to keep bees and never have a unique opportunity has come up but you must act before July 1st. Read the article on the Don Myers Eastern Ohio Apiculture Project and act quickly.

Fruit Observations and Trap Reports

Gretchen Sutton, Waterman Lab Apple Orchards, Columbus 6/19/08 to 6/25/08

Redbanded leafroller:	20 (down from 24 last week)
Spotted tentiform leafminer:	142 (up from 93 last week)
San Jose Scale (mean of 2):	2 (up from 0.5 last week)
Codling moth (mean of 3):	0 (down from 1.3 last week)
Codling moth DA/combo:	0 (same as last week)
Lesser appleworm (mean of 2):	0 (down from 1.5 last week)
Tufted apple budmoth:	0 (same as last week)
Variegated leafroller:	1 (down from 2 last week)
Oblique-banded leafroller:	0 (down from 12 last week)
Apple maggot (mean of 3):	0.3 (set last week)

North Central Ohio Tree Fruit IPM Program, prepared by Cindy Crawford
Ted Gastier – West District Scout (Sandusky, Ottawa, Huron and Richland Co.) 6/23/08

Apples

Spotted tentiform leafminer – 308.2 (up from 205.9)
Redbanded leafroller – 2 (up from 0)
Oriental Fruit Moth – 1.25 (down from 2.6)
San Jose Scale – 0 (same)
Codling Moth – 6.1 (down from 8.5)
Lesser Apple Worms – 0 (same)
Apple Maggot - 0

Peaches

Redbanded leafroller- 3 (up from 0)
Oriental Fruit Moth – 0 (down from 0.3)
Lesser Peach Tree Borer – 8.6 (down from 20)
Peach Tree Borer – 0.7 (down from 1.6)

Lois McDowell – East District IPM Scout (Erie & Lorain Co.) 6/23-24/08

Apples

Spotted tentiform leafminer – 1 (down from 428.4)
Redbanded leafroller – 4.2 (up from 0.5)
San Jose scale – 0 (same as last week)
Oriental Fruit Moth – 5 (down from 20.5)
Codling Moth – 21.9 (down from 22.7)
Apple Maggot - 0

Peaches

Redbanded leafroller- 2.5 (up from 0.8)
Oriental Fruit Moth – 0.4 (down from 1)
Lesser Peach Tree Borer – 10.5 (down from 51)
Peach Tree Borer – 1 (same)

Ron Becker (Holmes, Medina, and Wayne Co.)

Holmes: 6/25

Codling moth - 0.1 down from 1.4
Oriental fruit moth - 1.3 down from 4.6

Wayne: 6/20

Codling moth - 12.6 down from 24.2
Oriental fruit moth - 0 same as last week
Peachtree borer - 0 same as last week
Lesser peach tree borer - 3 down from 11

Wayne: 6/27

Codling moth - 3.1 down from 12.6
Oriental fruit moth - 3 up from 0
Peachtree bore - 3 up from 0
Lesser peach tree borer LPTB - 0 down from 3

Medina: 6/26

Codling moth - .58 down from 2.2
Oriental fruit moth - 0 down from 0.3

Peachtree borer- 0 (same)
Lesser peach tree borer - 0 (same)

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

GDD accumulations in Ohio range from the mid-800's's in the northern Ohio to low 1200's at Piketon through June 26.

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

Obliquebanded leafroller 1st flight peak	565-827
Lesser appleworm 1st flight subsides	570-920
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
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

Clean Sweep Program Locations

The Ohio Department of Agriculture has announced the dates and locations for the Clean Sweep Program. The program collects farm pesticides for disposal. The program is for farm pesticides ONLY. No household or non-farm pesticides will be accepted. No pesticides will be accepted from commercial companies.

The dates and locations are:

Fayette County August 13, 10:30 - 2:30
Fayette County Demonstration Farm
(next to Fayette County Airport)
2770 S.R. 38
Washington Courthouse, OH 43160

Wayne County August 18, 10:30 - 2:30
OARDC
1680 Madison Ave.
Wooster, OH 44691

Miami County September 3, 10:30 - 2:30
Miami County Fairgrounds
650 N. County Road 25-A
Troy, OH 45373
(event will be held at the grandstand)

All collections will run from 10:30 A.M. to 2:30 P.M. For more information, contact Ohio Department of Agriculture, Pesticide Regulation Section, (800) 282-1955, ext. 31.

The Don Myers Eastern Ohio Apiculture Project (source: *Bee Culture, The Magazine Of American Beekeeping*)

A new beekeeping initiative is being offered to 12 eastern Ohio counties., including Muskingum County. The program is called The Don Myers Eastern Ohio Apiculture Project, funded by the Governor's Office of Appalachia, Ohio Farm Bureau Foundation, and USDA Rural Development. Successful applicants will receive approximately \$500 in bees and beekeeping equipment if selected, including two bee hives, honeybees, hat/veil, smoker and other related hive tools.

Now you are probably wondering, "What's the catch?" I contacted the Crossroads Resource Conservation and Development office in New Philadelphia, and received the following:

The Don Myers Eastern Ohio Apiculture Project has the goal of assisting and establishing 100 new beekeepers with two complete colonies of honey bees plus the necessary material and basic supplies needed to maintain the beehives. Selected participants will be required to attend four three-hour sessions of classroom training, spend a day in an apiary working with honey bees, and join a local beekeeper association in their area. A small investment of \$70 which includes membership in the Ohio State Beekeepers Association is required; plus there will be a minimal fee to join the local beekeeper association. A mentor or advisor will be assigned to each new beekeeper. The project value to each beekeeper is in excess of \$500.

The purpose of the program is to promote beekeeping as a small business to those interested in learning about caring for and maintaining colonies of honeybees. Along with a primary focus of pollination, the sale of honey and other hive products such as pollen or soaps, lotions and candle making from the wax are benefits of beekeeping and can help increase household income.

Recent losses to Ohio honeybees leave many orchards and small gardens without adequate pollinators. Although common pollinators such as native bees, butterflies, birds,

etc. contribute to pollination, studies have shown the honey bees to be the most efficient due to the large number of bees in a colony. Honeybees will pollinate within a two mile range of where they are located.

Project sponsors include the Ohio Mid-Eastern Governments Association (OMEGA), The Ohio State Beekeepers Association, and Crossroads Resource Conservation and Development (RC&D) Council. Counties in the project area are limited to Belmont, Carroll, Columbiana, Coshocton, Guernsey, Harrison, Holmes, Jefferson, Monroe, Muskingum, Noble, and Tuscarawas.

This program applies only to participants that have never been a beekeeper, but are truly interested in the opportunity. Applications must be completed and returned no later than 4 p.m. July 1, to be considered. Contact Crossroads RC&D at 330-339-9317 if you have specific questions about the application process.

For more information or to pickup an application and fact sheet, stop by the Muskingum SWCD or OSU-Extension-Muskingum County offices located at 225 Underwood Street in Zanesville. We are both located in the Rural Services Building. If you would like to further discuss this initiative, you may contact me at 740 454-2027.

Richard E. Sorg is district program administrator for the Muskingum Soil & Water Conservation District and can be reached at 740-454-2027.

The IR-4 Project: Filling A Needed Role by Ric Bessin, U.K. Extension Entomologist (Source: Kentucky Fruit Facts, June 2008)

Since the early 1960's, the IR-4 Project has been the major resource for supplying pest management tools for specialty crop growers by developing research data to support new EPA tolerances and labeled product uses. The IR-4 Project is a cooperative program of the USDA, and Land Grant Universities, with the principle goal of developing data to support and to expedite regulatory clearances of newer, reduced risk pest control products for specialty crop growers. The IR-4 Project provides the field trial and laboratory residue data necessary for EPA clearance of minor crop tolerances, and approval of new uses for pesticide labels. By securing tolerance clearances and label registrations for pesticides, the IR-4 Project is filling the gaps in pest management tools for specialty crop growers. The IR-4 Project has provided the necessary field and residue data to account for about 50% of EPA's annual work plan and new clearances in recent years.

The IR-4 Project has proven instrumental in helping curtail substantial economic losses to the agricultural sector when stricter standards of food safety were imposed with the passage of the Food Quality Protection Act of 1996 (FQPA). This act imposed added protections from pesticide exposure on food, especially for infants and children, and forced several critical pesticides off the market or substantially restricted their use. The IR-4 Project proactively established an operating strategic plan to facilitate registering new, safer alternatives for minor use pest management prior to the passage of FQPA; reducing the impact of FQPA on the farm community. Working closely with growers and

commodity groups, university extension and researchers, USDA scientists, the agrichemical industry, and EPA, the IR-4 Project assures that alternative pest control products are available that are safer and more efficient than existing products. To be sure, over 80 percent of IR-4 Projects support registration of reduced-risk pesticides that substantially reduce the risk to human and environmental health relative to existing or recently de-registered products. Since its inception, the IR-4 Project has achieved over 10,000 pest control clearances on food crops and over 10,000 clearances on ornamental crops.

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

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

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 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.

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.

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