

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

<http://southcenters.osu.edu/hort/icmnews/index.htm>

<http://twitter.com/osuschort>

Volume 13 (11)

June 11, 2009

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Comments from the Editor

Dr. Welty will be reporting trap counts from Columbus for the near future but I want to give thanks to Gretchen Sutton for her service in the past and offer best wishes in her new career.

Summer continues to progress as the presence of fireflies indicates. The Bug Doc, AKA Dave Shetlar, said that the larvae of lightning beetles feed upon the eggs of snails and slugs in the soil. I always knew they were good for something besides having the kids chase them around.

Another indication of summer in southern Ohio is growers thinking about post-harvest strawberry weed control. I know a lot of you like to use Stinger after harvest and you must have a copy of the 24C label if you are going to use it. If you have questions about pesticides, or need copies of labels, make sure you visit the OSU Pesticide Safety Education Program web site at pested.osu.edu. Joanne Kick-Raack and Cindy Folk do an excellent job keeping that site current.

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

Growing Degree Days range from 540 at Ashtabula to 1025 at Piketon

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

Black cherry fruit fly 1st catch

380-576

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
San Jose scale 2nd flight begins	1013-1309
American plum borer 2nd flight begins	1020-1232

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 & Richland) – 6/8/09

Apples

- Spotted tentiform leafminer – 95.5 (up from 7.7)
- Redbanded leafroller – 0 (same)
- Codling Moth - 3.9 (down from 12.2)
- Oriental Fruit Moth – 10.85 (up from 9.2)
- Lesser appleworm – 2 (up from 0)
- San Jose scale – 0 (same)

Peaches

- Redbanded leafroller- 0 (same)
- Oriental Fruit Moth – 17.1 (up from 6)
- Lesser Peachtree Borer – 1.1 (down from 2)

Lois McDowell – East District IPM Scout (Erie and Lorain Counties) – 6/8-9

Apples

- Spotted tentiform leafminer – 176.8 (up from 22.2)
- Redbanded leafroller – 0 (same)
- San Jose scale – 1.6 (up from 0)
- Codling Moth – 6.1 (down from 14.9)

Oriental Fruit Moth – 10.1 (up from 3)
 Lesser Appleworm - 22.3 (up from 15.5)
 Peaches
 Redbanded Leafroller- 0 (same)
 Oriental Fruit Moth – 9.8 (up from 0)
 Lesser Peachtree Borer – 3.4 (up from 2)

OSU's Waterman Lab Apple Orchards, Columbus, 6/3/09 to 6/10/09

Spotted tentiform leafminer:	202 (down from 498 last week)
San Jose scale (mean of 2):	0.0 (same as last week)
Codling Moth (mean of 3):	5.0 (down from 5.7 last week)
Codling Moth DA/ Combo:	3 (same as last week)
Lesser appleworm (mean of 2):	52.0 (down from 95.5 last week)
Tufted apple budmoth:	1 (same as last week)
Redbanded leafroller:	42 (up from 5 last week)
Obliquebanded leafroller:	3 (down from 4 last week)
Variegated leafroller:	11 (down from 13 last week)

5/27/09 to 6/3/09

Spotted tentiform leafminer:	498 (down from 530 last week)
San Jose scale (mean of 2):	0.0 (down from 0.5 last week)
Codling Moth (mean of 3):	5.7 (down from 8.3 last week)
Codling Moth DA/ Combo:	3 (up from 2 last week)
Lesser appleworm (mean of 2):	95.5 (down from 141.0 last week)
Tufted apple budmoth:	1 (down from 7 last week)
Redbanded leafroller:	5 (up from 0 last week)
Obliquebanded leafroller:	4 (up from 0 last week)
Variegated leafroller:	13 (up from 4 last week)

Twilight Tree Fruit and Pumpkin Meeting at Branstool Orchards

OSU Extension Licking County and OSU Extension Muskingum County will be having a twilight meeting in Utica at [Branstool Orchards](#) on Thursday, July 9, from 6:00 p.m. - 9:30 p.m. Branstool Orchards is located on S.R. 62, 2 miles east of Utica.

Marshall and Edna Branstool began growing fruit in 1984 when they planted 1500 peach trees on 11 acres. As the young trees started to produce, Marshall realized growing fruit was his real passion and in 1993 a neighboring farm was purchased with 68 acres. 1200 more peach trees were planted along with 800 apple trees. In 1995 the farm market was built on the new farm along side the new orchards. Branstool Orchards now consist of over 6000 trees split among over 60 varieties of peaches, apples and pears. Branstool Orchards also has yearly pumpkin plantings.

This twilight tour will include a tour of the orchards and pumpkin fields as well as discussions of disease management, fruit thinning, summer pruning trees with no crop,

summer pruning apple trees, pest management of pumpkins in mid to late summer, assessing crop thinning practices & crop retention practices in tree fruit, and weed and insect management in tree fruits. Resource persons from OSU include Jozsef Racsco, Celeste Welty, and Douglas Doohan. David O'Brien, Fruit Crop Specialist, Crop Protection Services and Bill Haddad, Field Specialist, Valent Chemical Company will also be speaking.

Private recertification credits will be available for 3a and 4 categories and a light supper will be served at 6:30 p.m. courtesy of Crop Protection Services and Valent Chemical Company.

Reservations are encouraged. Make reservations by phoning 740-670-5315 or emailing Howard Siegrist (siegrist.1@cfaes.osu.edu) or Mark Mechling (mehling.1@cfaes.osu.edu).

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

June 17, MSU High Tunnel Twilight Meeting, Southwest Michigan Research & Extension Center, 1791 Hillandale Rd. Benton Harbor. 6:30-8:30 pm. See and discuss on-going research including: high density sweet cherry production systems, innovative tree training systems, raspberry and blackberry production systems, and vegetable and cut flower production systems. For more information phone 616-944-1447

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, 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. 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.

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

June 25, Organic Apple Field Day, Al-Mar Orchards, Flushing, Michigan. Sponsored by The Organic Tree Fruit Growers Association and hosted by Jim and Karen Koan of Al-Mar Orchards, the program begins at 9 AM. And will focus on the Orchard's high-density planting system and orchard equipment. Mr. Koan will show his three-year soil preparation program as well as orchard spacing, details of choosing disease-resistant varieties, and insect pest and disease control. The Koan's will provide a tour of their facilities to include their apple pressing operation, packing line, and discuss how to access newer, local markets that have increased their business. Advance registration is required by June 16 along with a \$20 registration fee. An on-farm lunch will be provided that features Al-Mar Orchards products and other local, organic foods. A late fee will apply. For more information contact Deirdre Birmingham at 608-967-2362 or Jim Koan at 810-659-6568.

June 29, OEFFA Organic Vineyard Farm Tour, Tarsitano Winery, 4871 Hatches Corners, Conneaut, OH 2:00 – 4:00 pm. For more information contact Mike Anderson at 614-421-2022.

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