

Ohio Fruit ICM News

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Comments from the Editor

Plasticulture strawberry harvest is completed at the South Centers and across most of southern Ohio. Matted row strawberries are still growing well. Our everbearing strawberry trial is starting to shut down due to the heat even though we are growing them on white plastic. Reports are coming in from bramble growers that canes are collapsing and this is most likely caused by winter injury that does not show up until moisture becomes limiting.

Don't miss the June 6 pre-registration deadline for the OPGMA summer tour. Extension Educators will have complementary registration.

Fruit Observations and Trap Reports Trap reports for Columbus are posted at least once per week on the internet at <http://bugs.osu.edu/welty/tree-traps.html>

North Central Tree Fruit IPM Program

Report Prepared by Zachary Rinkes (Erie County Extension Educator)

Jim Mutchler East District IPM Scout (Erie and Lorain Counties) 5/29-5/30/07

Apples

Spotted tentiform leafminer 13.3 (down from 81.0)

San Jose Scale 0 (down from 12.3)

Redbanded leafroller 0.1 (down from 1.0)

Codling Moth (average of 3) 9.6 (up from 5.1)

Oriental Fruit Moth 32.0 (up from 13.7)

Peaches

Redbanded leafroller- 0.3 (same as last week)

Oriental Fruit Moth 36.7 (up from 8.7)

Lesser peachtree borer 27.3 (first report)
Peachtree borer 0 (first report)

Ted Gastier West District IPM Scout (Sandusky, Ottawa, Huron and Richland Counties) 5/28/07

Apples

Spotted tentiform leafminer 4.5 (down from 62.5)
San Jose Scale 0 (same as last week)
Redbanded leafroller 0 (down from 0.25)
Codling Moth (average of 3) 8.8 (up from 2.8)
Oriental Fruit Moth 19.6 (down from 40.3)
Lesser appleworm 53.6 (up from 38.5)

Peaches

Redbanded leafroller- 0 (down from 0.3)
Oriental Fruit Moth 4.4 (down from 7.0)
Lesser peachtree borer 1.0 (first report)
Peachtree borer 0.6 (first report)
Lesser appleworm 68.5 (first report)

Waterman Lab Apple Orchards, Columbus - 5/24/07 - 5/30/07

Redbanded leafroller: 0 (same as last week)
Spotted tentiform leafminer: 169 (up from 0 last week)
San José scale (mean of 2): 0 (same as last week)
Codling moth (mean of 3): 28.3 (up from 18.3 last week)
Lesser appleworm (mean of 2): 136 (up from 72 last week)
Tufted apple budmoth: 15 (up from 3 last week)
Oblique-banded leafroller: 18 (up from 2 last week)
Variegated leafroller: 5 (up from 0 last week)
Apple maggot (mean of 3): set

Ron Becker (Wayne, Holmes, Medina County) 6/1/07

Aphid and European red mite numbers are beginning to increase in area orchards. One block of apples and one block of peaches have had to be sprayed for ERM. Apple scab has not increased on leaves, but we are finding up to 10% of the fruit with scab. Fireblight also started showing up on Thursday. Peaches are growing well with a few trees having to have the fruit thinned. Strawberries are starting to be picked. Trap counts are as follows:

Wayne:

Codling Moth - 10.5 (down from 18.6)
Oriental Fruit Moth - 31 (up from 10)
Lesser peachtree borer - 6 (down from 7)
Peachtree borer - 0 (same as last week)

Medina:

Codling Moth - 3.16 (up from 1.3)
Oriental Fruit Moth - 0 (same as last week)
Lesser peachtree borer - 1.5 (down from 2.0)

Peachtree borer - 0 (same as last week)
 Holmes:
 Codling Moth - 4.0 (up from 2.5)
 Oriental Fruit Moth - 4 (down from 5)
 Lesser peachtree borer - 23(down from 30.0)
 Peachtree borer - 0 (same as last week)

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

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

Redbanded leafroller 1st flight subsides	321-561
Codling moth 1st flight peak	325-581
Obliquebanded leafroller pupae present	328-482
Spotted tentiform leafminer 1st flight subsides	353-565
Rose leafhopper adults on multiflora rose	366-498
Lesser peach tree borer adult emergence	372
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	861-1217

flight peak	
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

Preliminary Monthly Climatologic Data for Selected Ohio Locations - May 2007

	May		Average Temperatures			
	Precip.	Normal	High	Low	Monthly	Normal
Akron-						
Canton	2.08	3.96	75.8	49.9	62.9	58.8
Cincinnati	0.91	4.59	79.9	55.3	67.6	63.7
Cleveland	0.66	3.50	72.8	51.0	61.9	58.5
Columbus	1.40	3.88	79.2	54.4	66.8	62.6
Dayton	2.93	4.17	77.7	53.5	65.6	61.2
Mansfield	1.68	4.42	75.5	50.2	62.8	58.0
Toledo	2.23	3.14	74.9	51.0	63.0	59.6
Youngstown	1.70	3.45	75.1	47.5	61.3	57.6

This data is from the National Weather Service. Temperature is Fahrenheit and precipitation is in inches.

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

June 13, OPGMA Summer Tour. Bauman Orchards, Rittman, Ohio. Complimentary registration will be offered to OSU Extension Educators. The separate lunch fee is \$9 by June 6 and \$12 on-site. Pre-registration is strongly encouraged. To register go online at www.opgma.org or call 614-487-1117

June 13-15, IFTA Summer Tour, Part 1, High Density Sweet Cherries, Yakima, Washington. For more information see the International Tree Fruit Association website ifruittree.org, or email pheasant@ifruittree.org.

June 17-19, IFTA Summer Tour, Part 2, Apples, Rootstocks, Intensive Systems, Yakima, Washington. For more information see the International Tree Fruit Association website ifruittree.org, or email pheasant@ifruittree.org.

June 21, Indiana Farm Sustainability Tours- Urban Fringe Marketing, Hancock County, Ind. (317) 462-1113

June 28, OSU Extension Honey Bee Field Day, OARDC - Wooster. 3:00-8:00, Fisher Auditorium. For more information please contact: Sherry Ferrell 330-263-3684 or by email at ferrel.6@osu.edu

July 7, Viticultural Field Day, University of Kentucky Horticultural Research Farm, Lexington. 10:00 a.m. - 5:00 p.m. Registration \$25 for KVS members; \$50 non KVS members, includes lunch and KVS wine glass. Contact Kate Edwards 859-527-6635.

July 10, Western Research Station Agronomy Field Day, South Charleston, Ohio. (937) 484-1526

July 14 -- Kentucky Nut Growers Association Summer Grafting Meeting, Don Compton's Farm, 387 W. Short St, Marengo, IN 47140; 812-365- 2278.

July 19, Crop, Soil, and Water Field Night, OSU South Centers, Piketon. For more information contact Dr. Rafiq Islam, 740-289-2071.

July 24, Farm Focus Field Day 2007, 8 a.m to 3 p.m Van Wert, Ohio. Rain date if needed- Thursday, July 26, 2007. Topics include GPS guidance and autosteering demonstrations, One pass fall tillage equipment demonstrations, OSU Entomology specialists covering corn rootworm scouting and root rating, plus other pests! There will be no charge for admission. For more information phone (419) 238-1214.

July 26, Beekeeping Workshop, OSU South Centers, Piketon. 3:00-8:00. More information to follow.

August 9, OSU South Centers Horticulture Field Night.

August 14-15, 2007. NASGA Summer Tour, Niagara Falls Canada and Niagara region of New York.

August 16, Ohio Grape & Wine Day, Ashtabula Agricultural Research Station, Kingsville. For more information contact Greg Johns (440/224-0273).

August 23, Northwest Michigan Horticultural Research Station Open House and Equipment Show, Traverse City, Michigan. For more information phone (231) 946-1510 or www.maes.msu.edu/nwmihort.

September 15 -16, Ninth Annual Ohio Pawpaw Festival, Lake Snowden. The Pawpaw will be celebrated with music, vendors, tastings, a cook-off, contests, kid's activities, and more for the whole family. To find out more visit www.pawpawfest.com or email info@pawpawfest.com.

October 5-6, US Highbush Blueberry Council Fall Meeting, Crowne Plaza Northstar Hotel, Minneapolis, Minnesota. For more information: <http://www.blueberry.org/calendar.htm>.

Oct. 27 -- Kentucky Nut Growers Association Fall Meeting, UK Research and Education

Center, Princeton. Contact Joe Masabni 270-365-7541 ext 247; e-mail
jmasabni@uky.edu.

Jan. 7-8, 2008 -- Kentucky Fruit and Vegetable Conference, Embassy Suites, Lexington,
KY. Contact John Strang 859-257-5685; e-mail: jstrang@uky.edu

Jan 14-16, 2008. Ohio Produce Growers and Marketers Association Congress, Kalahari
Resort & Conference Center, Sandusky Ohio

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