

Ohio Fruit ICM News

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Comments from the Editor

We are getting ready for our field night which will kick off in under 3 hours so this is just a quick update. I just talked with the Wayne County Extension office today, and Ron had called them this morning. He still has a long way to go, but is making improvements daily.

Things are relatively quiet out there. Markets still are strong for high quality crops. A few growers are reporting that they have reached the point where consumers are looking hard at the price so this is a reminder to have more than one market to move your crops.

Fruit Observations and Trap Reports

North Central Ohio Tree Fruit IPM Program

Report Prepared by Cindy Crawford, Administrative Associate

Ted Gastier – West District IPM Scout (Sandusky, Ottawa, Huron and Richland Counties)

Date – 8/3/09

Apples

Spotted tentiform leafminer – 74.7 (down from 174.2)
Redbanded leafroller – 0 (same)
Codling Moth - 2.5 (up from 1.1)
Oriental Fruit Moth – 3.6 (down from 6.7)
Lesser appleworm – 0 (same)
San Jose scale – 0 (same)

Peaches

Redbanded leafroller- 0 (down from 2)
Oriental Fruit Moth – 6.8 (up from 0.4)
Lesser Peachtree Borer – 1.5 (same)
Peachtree Borer – 10.1 (up from 1.3)

Lois McDowell – East District IPM Scout (Erie and Lorain Counties)

Date – 8/3/09 & 8/4/09

Apples

Spotted tentiform leafminer – 490.4 (up from 431.8)
Redbanded leafroller – 1 (same)
San Jose scale – 182.71 (up from 44.47)
Codling Moth – 2.8 (up from 1.0)
Oriental Fruit Moth – 0.15 (down from 0.35)
Lesser Appleworm - 8.4 (up from 5.4)
Apple Maggot – 8.21

Peaches

Redbanded Leafroller- 2 (up from 0)
Oriental Fruit Moth – 0 (same)
Lesser Peachtree Borer – 2.0 (up from 0.5)
Peachtree Borer – 2.0 (up from 0.3)

Pests Development - (Based on Scaffolds Fruit Newsletter, Coming Events (D. Kain & A. Agnello), NYSAES, Geneva) GDD range from 1600 in northern Ohio to almost 2400 in southern Ohio.

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

Ohio Vegetable and Small Fruit Update-August 12 2009 by Brad Bergesford,
Extension Educator, OSU South Centers

Rains continue to fall with many areas receiving 1 to 3 inches the past week. High temperatures were welcomed and brought on the tomato, watermelon and melon harvest. Harvest of all summer produce continues and planting of peas, onions, radish, beets, broccoli, cauliflower continues. Harvest of blackberry and fall red raspberry continues. Pumpkin harvest has begun with interest and demand for this early product at the Bainbridge Produce Auction. Disease pressures continue to plague the southern Ohio production area including; on vine crops yellow vine decline, downy mildew, powdery mildew, bacterial wilt; on tomato bacterial canker, bacterial spot, early blight, late blight, septoria, yellow shoulder disorder; on beans downy mildew and phytophthora. Cabbage worm and cabbage looper are being treated in broccoli, cabbage, cauliflower and kohlrabi.

Strawberry tips are being planted for plasticulture strawberry plug plants with field plantings to start the first week of September.

Here is a list of Ohio strawberry plug growers that have told me they will have plug plants available, if there are others please let me know:

Jon Branstrator
Branstrator Farm
885 North George Road
Clarksville, OH 45113
jbranstrator@gmail.com
www.branstratorfarm.com
937-725-5607

Stan & Joan Roby
Owners - Malaga Greenhouse
51441 State Route 800
Jerusalem, OH 43747-9710

Greenhouse (740-472-1116)
mobile phone (740-827-4986)..

Southwest Michigan Fruit Report 8/11/09 by Mark Longstroth, Bill Shane,
Diane Brown-Rytlewski

Weather

The last two weeks were warm with highs near 80 and lows in the 50s. The weekend was hot with highs over 90 on Sunday. The passage of warm and cool fronts caused thunderstorms on Friday, Saturday and Sunday, which dropped from a third to over an inch of rain. Soils good moisture content and field crops look much better. We continue to lag about 10 days behind normal in heat units accumulated. Fruit crop development seems close to normal.

Insects

Japanese beetle numbers have increased with hot weather and rain. We expect apple maggot and blueberry maggot numbers to increase after this weekends rain showers. Potato leafhopper damage is easy to find. San Jose trap counts at Trevor Nichols started increasing on July 27, (1257 base 50 from March 1), which is about the right time for the next generation. Crawlers are expected approximately 500 degree-days base 50 following this, or at about 1757 DD50 from March 1. There are probably already crawlers out in Southwest Michigan orchards.

Tree fruit

Peach harvest continues with the yellow flesh types Red Haven, PF11, Blazing Star, and Starfire. Red Haven harvest in Berrien County began on approximately August 6th, a few days later than the projected date of August 3rd. Fruit size on early varieties has suffered due to dry conditions in southern end of growing region. Fruit flavor is generally very good. Brown rot can be found sporulating on fruit, in mummies, and blighted twigs. It is important to remove these after harvest to reduce the inoculum for the beginning of next season. Fungicide treatments for brown rot are needed as fruit color. Bacterial spot symptoms continue to increase especially for susceptible varieties growing in sites exposed to wind-blown sand. Summer dews are conducive to bacterial spot. Oriental moth catches are low but fruit entries from this past generation are becoming more obvious. Oblique-banded leafroller larvae are causing shallow feeding damage on peach fruit. A trap catch increase last week indicates that next generation flight is starting. Watch for signs of western flower thrip on peaches. Thrip damage appears as light brown fuzzless spots up to 1 inch in diameter usually on the blush region.

In Plums, Vibrant, Castleton, and Early Italian harvest is underway. Ripening plums should also be protected from brown rot. Pitting and gumming is fairly common on some European plum fruit varieties due to bacterial canker in early June. Apple maggot is a

problem in ripening plums and we can expect a strong flight following the weekend rain. Scout for leafhopper damage from white apple or potato leafhoppers.

Apple fruit size and quality still look good. Zestar, Chenango and Dandee Red harvest to start this week. Paula Red harvest should begin in about 10 days. Fireblight is not spreading due to the dry conditions. The second generation of codling moth is flying, and should peak in mid August. Oriental fruit moth trap catches are low. Apple maggot flies are out and we expect a strong flight following the rain. Obliquebanded leafroller trap catch increased last week indicating the start of the next generation flight. Apple aphids are easy to find. Bronzing due to mites is fairly common. The treatment threshold for European red mite in July and August is more than 7 mites per leaf. Young tree growth has been hampered by dry conditions.

Pears are over 2 inches in diameter. Pear Psylla populations are building in some blocks causing sooty appearance and honeydew symptoms on leaves near veins. European red mites are causing black leaves in some blocks. Growers should protect against the second generation of codling moth, which emerges in late July through August and attacks pears just before harvest.

Small fruit

Blueberry harvest continues with hand and machine harvest of Jersey. Fruit size and quality are good in irrigated fields. Blueberry maggot numbers have increased after this weekend's rain. Anthracnose and alternaria fruit rots are fairly common. Growers should maintain protection against alternaria fruit rot and blueberry maggot. Phomopsis cane collapse is common. No treatment is effective at this time. These should be pruned out and removed from the field.

Grapes will probably benefit the most from this weekend's rain and warmer weather. Veraison has begun in early varieties. Generally there were few disease infections since bloom. The window for treating black rot and phomopsis has passed. Phomopsis lesions are easy to find on stems and clusters in some vineyards. Powdery mildew has been found on wine grape varieties. The diseases of greatest concern now are botrytis and downy mildew. Botrytis symptoms can be found in scouted vineyards. Morning dews are good for the spread of downy mildew, so fungicides against downy mildew are required during the summer season when there are morning dews. Grape berry moth eggs are hatching and stings and tunnels can be found on the fruit. Japanese beetles numbers are up following this weekend's rain. .

Strawberry growers should control potato leafhoppers to prevent stunting of new growth.

Fall raspberry harvest has begun in early varieties. Green June beetles and Asiatic garden beetles have been reported in raspberries. Morning dews can cause fruits rot problems such as Botrytis gray mold, so fungicides are needed when there are morning dews.

Calendar - Newly added in **Bold**

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.

September 9, Farm Pesticide Collection Transfer Station, 2413 Townline Road 131 Williard, 10:30 A.M. to 2:30 P.M. For more information, contact Ohio Department of Agriculture, Pesticide Regulation Section, at 800-282-1955, ext. 31.

September 15, Farm Pesticide Collection Noble County Fairgrounds, Caldwell. 10:30 A.M. to 2:30 P.M. For more information, contact Ohio Department of Agriculture, Pesticide Regulation Section, at 800-282-1955, ext. 31.

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.

October 15, Fourth Annual Raspberry and Blackberry High Tunnel Tour, Ithaca, NY. Cornell University invites you to attend the fourth annual Raspberry and Blackberry High Tunnel Open House to observe primocane-fruiting raspberries and blackberries, and the growth that can be obtained with black raspberries and thornless blackberries under a high tunnel. For more information contact Cathy Heidenreich, mcm4@cornell.edu, 315-787-2367.

Nov. 8-10, The Southeast Strawberry Expo. Sheraton Imperial Hotel, Research Triangle Park, North Carolina. Sponsored by the North Carolina Strawberry Association, the Expo draws growers from as far away as Texas and Maine. This year's Expo includes two intensive workshops (one for new strawberry plasticulture growers and one focusing on the economics of strawberry production), a tour of the Vollmer Farm, educational sessions, and a trade show. For more information, contact the NC Strawberry Association, info@ncstrawberry.com, www.ncstrawberry.com, phone 919-542-4037, or write NCSA 1138 Rock Rest Rd, Pittsboro, NC 27312.

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

Dec. 7, North American Strawberry Growers Association Annual Meeting, DeVos Place Convention Center, Grand Rapids, Mich. For more information info@nasga.org.

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. 3-5, 2010 Wisconsin Fresh Fruit & Vegetable Conference, Chula Vista Resort, Wisconsin Dells.

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.

Jan 7-10, Southeast Regional Fruit and Vegetable Conference, Savannah International Convention Center. For more information see www.gfvga.org.

Jan 18-20, OPGMA Congress, The Nia Center at the Kalahari Resort, Sandusky, OH. For more information www.opgma.org or opgma@ofa.org

January 25-27, 2010. Empire State Fruit and vegetable EXPO. NYS Farmer's Direct Marketing Association Annual Conference. OnCenter, Syracuse, NY. More information coming soon.

February 2-4, 2010. Mid-Atlantic Fruit and Vegetable Convention, Hershey Lodge, Hershey, PA. For more information visit <http://www.mafvc.org/html/>.

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

February 24-26, The North American Raspberry & Blackberry Conference. Monterey, California. Pre/post conference tours are also being planned. This is the annual meeting of the North American Raspberry & Blackberry Association (formerly called the North American Bramble Growers Association). The host hotel is the Beach Resort Monterey (www.montereybeachresort.com). For further information about sponsoring, exhibiting, or attending, contact NARBA, 1138 Rock Rest Rd., Pittsboro, NC 27312, 919-542-4037, info@raspberryblackberry.com, www.raspberryblackberry.com.

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