

# Ohio Fruit ICM News

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

Aug. 1 UK Horticultural Research Farm Twilight Tour, Horticultural Research Farm, Lexington, KY. Contact John Strang 859-257-5685; e-mail: [jstrang@uky.edu](mailto:jstrang@uky.edu)

August 22-23, North American Strawberry Growers Association Summer Tour, Portland Maine. For more information, <http://www.nasga.org/>

**August 24, 2006 Bramble Field Day**, 3pm – 7pm at Nourse Farms, Whately MA. Enhance your knowledge of bramble diseases and their management through an interactive field day at Nourse Farms. Co-sponsored by UMass Extension and Penn State University, this workshop will provide an opportunity to learn about practical methods for identifying common field and postharvest bramble diseases through formal and informal activities. We'll even provide hand lenses that will be yours to keep. We'll discuss sustainable management options including cultural methods and organic fungicides. This meeting will also feature a walking tour of fall raspberry varieties and a review of summer varieties and their performance in 2006. Please pre-register for this meeting by contacting Sonia Schloemann at 413-545-4347 or [sgs@umext.umass.edu](mailto:sgs@umext.umass.edu). There is no fee for this meeting. One contact hour for pesticide recertification credit has been requested. Bring a lawn chair for this meeting. We designed this field day for growers who are intermediate in their knowledge of bramble production. This is a USDA-CSREES/SARE funded event (under SARE grant LNE05-227).

Aug. 30-Sept.1 North American Fruit, Explorers (NAFEX) and SFF Annual Meeting, Holiday Inn North, Lexington, KY. Contact John Strang 859-257-5685; e-mail: [jstrang@uky.edu](mailto:jstrang@uky.edu)

September 19-21, Farm Science Review, Molly Caren Agricultural Center, London.  
<http://fsr.osu.edu/>

September 21, Grape and Pawpaw Field Day KSU Research Farm, Mills Lane, Frankfort, KY. For more information contact Kirk Pomper at 502-597-5942

November 9-11, Southeast Strawberry Expo, Sunset Beach, NC (near Wilmington). Farm tour, intensive workshops on Strawberry Plasticulture ABCs and High Tunnel Production, tradeshow, many educational sessions on production and marketing. For more information, contact the NC Strawberry Association, 919-542-3687 or [ncstrawberry@mindspring.com](mailto:ncstrawberry@mindspring.com)

December 5-7, Great Lakes Fruit, Vegetable and Farm Market EXPO. DeVos Place, Grand Rapids, Mich., [www.glexpo.com](http://www.glexpo.com).

January 7-9, 2007, Wisconsin Fresh Fruit and Vegetable Conference, Olympia Resort and Conference Center, Oconomowoc, [www.wisconsinfreshproduce.org](http://www.wisconsinfreshproduce.org)

Jan. 8-9, 2007, Kentucky Fruit and Vegetable Conference and Trade Show, Holiday Inn North, Lexington, KY. Contact John Strang 859-257-5685; e-mail [jstrang@uky.edu](mailto:jstrang@uky.edu)

February 9-12, 2007, North American Strawberry Growers Association Strawberry Symposium. Ventura, California. There will be two days of research presentations, poster sessions and special events planned over the weekend of February 10-11. An all-day bus tour of the nearby 12,000 acre Oxnard Strawberry District is planned on Monday. A banquet on Sunday evening will honor the remarkable strawberry breeding careers of Dr. Royce Bringham and Dr. Gene Galletta. More program details (abstract deadlines, keynote speakers, etc.) and opportunities for industry, organization and agency sponsorship will be announced on the NASGA website <http://www.nasga.org/>.

## **Comments from the Editor**

Strawberry renovation reminder...If you are going to be applying Stinger (clopyralid) you need to have a copy of the Ohio 24C label in your possession. I have a copy or it is available online at <http://www.greenbook.net/docs/supplemental/S81682.PDF>.

Black raspberry and blueberry harvest is completed at the South Centers and blackberry harvest is underway. A new project Brad Bergefurd and I are entering into is apiculture (beekeeping). From my first day on the job just over 5 years ago Brad kept saying we needed to have a bee yard here and it makes sense with all the small fruit and vegetable work we do here. He and I, in cooperation with Dr. Jim Tew, Extension Entomologist (Beekeeping), OSU Department of Entomology in Wooster, finally were able to get coordinated and we are establishing a small Research and Demonstration Apiary at the South Centers, This can be used to collect research based information on honeybees as well as other natural pollinators, honeybee mite and disease suppression techniques, apiary and hive management demonstrations and other Apiculture (Beekeeping) related

research and Extension programs. I expect to learn a lot from Jim and Brad. I'm sure some of our northern fruit growers remember Brad from his days when he kept 1000 hives for his honey bottling operation and to fulfill pollination contracts for several Northwest Ohio Heinz pickle growers and Lake Erie fruit orchards back in the 80's and 90's.

**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>

Site: Holmes, Medina, and Wayne Counties

Ron Becker, IPM Program Assistant

Date: July 21

Generally light infestations of white apple leafhopper, aphid, European Red mite, Japanese Beetle and leaf miner. Black rot was found on a few leaves in apples.

Wayne:

Codling Moth - 0.88 (same as last week)

Apple Maggot - (Sum of 3, with apple essence lure) - .3

Holmes:

Codling Moth - .44 (up from 0.33)

Apple Maggot - (Sum of 3, no lure) - 0

Oriental Fruit Moth - 19 (down from 37)

Peachtree Borer - 6 (up from 3)

Lesser Peachtree Borer - 0 (same as last week)

Medina:

Codling Moth - .08 (down from 0.67)

Apple Maggot - (Sum of 3, no lure) - 0

Peachtree Borer - 0

Lesser Peachtree Borer - 0

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)

Dates - 7/17/06 and 7/18/06

Apples

Redbanded leafroller - 3.7 (down from 6.3)

Oriental Fruit Moth - 2.9 (up from 2.6)

San Jose Scale - 0 (same as last week)

Codling Moth (mean of 3) - 3.1 (up from 1.3)

Apple Maggot (sum of 3) - 0.6 (up from 0.5)

Peaches

Redbanded leafroller - 1.0 (down from 4.0)  
Oriental Fruit Moth - 1.7 (same as last week)  
Lesser peachtree borer - 15.0 (up from 12.3)  
Peachtree borer - 5.7 (down from 8.3)

Ted Gastier - West District IPM Scout (Sandusky, Ottawa and Richland Counties)  
Date - 7/17/06

#### Apples

Spotted tentiform leafminer - 189 (down from 846)  
Redbanded leafroller - 3.7 (down from 29)  
Oriental Fruit Moth - 11 (down from 14)  
San Jose Scale - 0 (same as last week)  
Codling Moth (mean of 3) - 0.3 (down from 0.4)  
Lesser appleworm - 8.8 (down from 11)  
Apple maggot (sum of 3) - 0 (same as last week)

#### Peaches

Redbanded leafroller - 9.2 (down from 37.6)  
Oriental Fruit Moth - 0.8 (down from 1.2)  
Lesser peachtree borer - 10.7 (up from 8.7)  
Peachtree borer - 2.7 (down from 3.0)

Site: Waterman Lab Apple Orchards, Columbus

Dates: 7/13/06 to 7/19/06

Pests: Redbanded leafroller: 5 (down 8 last week)  
Spotted tentiform leafminer: 611 (up from 411 last week)  
San José scale: 133 (up from 47 last week)  
Codling moth (mean of 3): 7.3 (up from 3 last week)  
Lesser appleworm: 29 (up from 10 last week)  
Tufted apple budmoth: 3 (up from 2 last week)  
Variegated leafroller: 2 (up from 1 last week)  
Obliquebanded leafroller: 22 (up from 2 last week)  
Apple maggot (mean of 3): 0 (same as last week)

### **White Drupelets on Blackberries** by Shawn Wright

We have had lots of reports from our county Extension Educators about white drupelets on blackberries. The effected areas are white to brown and eventually dry up. There are several theories about the actual cause of this disorder. The most common theory is sunburn. While many of the berries that we see this on tend to be on the west side of the rows, we also find it within the canopy. Some individuals have stated that heat may be a factor. From my observations with Prime-Jan however I don't think it is the leading cause. Prime-Jan, more than Prime Jim, tends to produce a greater number of white drupelets in the initial flush of berries, but then the number of effected berries seems to decline as the season progresses even though the season is getting hotter. Some

individuals believe this condition is caused by stink bug damage during bloom. Other researchers feel it may be some other physiologic disorder. All of these theories unfortunately don't help the grower. The fruit is generally unappealing to the consumer and it may have an "off" flavor. If you want to try to use it to make jelly, juice, or wine you could though the flavor may not be ideal depending on the percentage of fruit effected. From a researcher standpoint this is fascinating and we aren't sure yet what is causing this. It would be wonderful if the industry could put some funding towards researching this condition.

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