

Ohio Fruit ICM News

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Volume 13 (7)

May 19, 2009

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Farm market season is kicking off strong with strong consumer demand for fresh fruits and vegetables. Whether you are marketing from the farm or farmer's markets make sure you have a good understanding of your costs of production and what you have invested in your crop. Your costs have gone up as well as the consumers and you may be hesitant to raise your prices, but if you don't you are taking money out of your pocket. You don't want to be selling retail at wholesale prices! Remember that you are producing a high quality product that the consumer is willing to pay for. Let somebody else sell cheap to the consumer who doesn't appreciate quality. Aim for the consumer that knows and appreciates quality and is willing to pay for it. Also make sure that you have several disposal outlets available if you think you are going to have excess produce. These can include wholesale outlets, value-added production, food pantries, or the Ohio Association of Second Harvest Foodbanks. One of the worst things you can do is to cut your price at the end of the day. All that does is train the consumer to wait until you lower your price.

I know many of our Ohio growers distribute excess produce through the Ohio Association of Second Harvest Food Banks. Like many agencies the state budget difficulties are impacting them. For more information on what is occurring with them check out their website at <http://www.oashf.org/>.

Section 18 for Spartan 4F – Ohio Only. Strawberry growers have a Section 18 label effective June 20, 2009 through December 15, 2009 for control of common groundsel,

field pansy, Mayweed chamomile, redroot pigweed, white campion, and yellow woodsorrel. If you are going to be using this you need a copy of the label in your possession. We will be getting this posted on the South Centers Horticulture website, but if you contact me I can email you a copy now..

We are now getting Ron Becker's trap reports from Holmes, Medina and Wayne counties.

Lastly, for those of you who want to add some good technical references to your library, the American Phytopathological Society is having a sale on their Compendium. A couple of titles that might be of interest are "Compendium of Apple and Pear Diseases", "Compendium of Strawberry Diseases, Second Edition, and "Compendium of Raspberry and Blackberry Diseases and Insects". More information is available <http://www.shopapspress.org/disease-diagnostic-series.html>

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

Growing Degree Days range from around 280 in northern Ohio to 611 at Piketon

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

Eastern Redbud First bloom	191
European red mite 1st summer eggs present	237-309
Mirid bugs 90% hatch	240-322
Mirid bugs hatch complete	252-350
Plum curculio oviposition scars present	256-310
Flowering Dogwood first bloom	263
Pear psylla hardshells present	271-361
American plum borer peak catch	279-495
Common lilac full bloom	315
San Jose scale 1st flight peak	319-413
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

Fruit Observations and Trap Reports

Ron Becker we are starting to find fireblight (shoot phase) and ERM.

Medina -

5/14- codling moth 0.16 per trap

5/7 – codling moth 0.5 per trap

Wayne –

5/18 - codling moth 12.4 per trap

5/11 - codling moth 0.88 per trap

5/4 - codling moth 0.55 per trap

Holmes -

5/14 - codling moth 3.6 per trap

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 and Richland
Counties) - 5/11/09

Apples

Spotted tentiform leafminer – 20.9 (down from 121.6)

Redbanded leafroller – 3 (down from 7)

Oriental Fruit Moth – 19.5 (up from 8.3)

Lesser appleworm – 0 (same as last week)

San Jose scale – 0 (same as last week)

Peaches

Redbanded leafroller- 1 (down from 13)

Oriental Fruit Moth – 15.2 (up from 7.5)

Lois McDowell – East District IPM Scout (Erie and Lorain Counties) – 5/11-13/09

Apples

Spotted tentiform leafminer – 219.6 (down from 355)

Redbanded leafroller – 4.1 (down from 13.3)

San Jose scale – 0 (same)

Codling Moth - 0 (down from .3)

Oriental Fruit Moth – 1.4 (same)

Lesser Appleworm - 0 (down from 2)

Peaches

Redbanded Leafroller- 1 (down from 2)
Oriental Fruit Moth – 2.3 (up from .8)
Lesser Peachtree Borer – 1.3 (first report)

Columbus Trap Report – Reported by Gretchen Sutton

Waterman Lab apple orchards, Columbus, Ohio - 5/6/09 to 5/13/09

Redbanded leafroller: 0 (same as last week)
Spotted tentiform leafminer: 0 (down from 3 last week)
San Jose scale(mean of 2): 0.5 (down from 5.5 last week)
Codling Moth (mean of 3) : 1 (up from 0.3 last week)
Codling Moth DA/ Combo : 1 (up from 0 last week)
Lesser appleworm (mean of 2): 8.5 (up from 3 last week)
Tufted apple budmoth: 1 (up from 0 last week)

Strawberry Workshop by Brad Bergefurd, Extension Educator, OSU South Centers

Talk about a roller coaster ride for Ohio strawberry growers so far this year!! Several extreme wind events beginning at plasticulture strawberry planting time last fall which destroyed and damaged plants, wind storms throughout the winter made it tough for plasticulture strawberry growers to keep row covers secured down and tunnels intact, a freeze event Easter weekend caused severe damage to early maturing varieties such as Sweet Charlie, and another heavy frost event this morning in areas demanded row covers to be pulled, water to be run or propane powered frost cannons to be run this morning after talking with several growers last night and this morning. This does not include the disease, insect and plant quality issues we all have encountered so far this season!!!

If you would be interested in learning more how to cope with these extreme weather events, especially for plasticulture strawberry growers, we will be showcasing our strawberry field research trials this coming Thursday night May 21 at the OSU South Centers research farm.

I will be leading the evenings tour and discussion at the strawberry workshop which should be of interest to both commercial producers and home market gardeners interested in strawberry production. I will be covering information on the ins and outs of strawberry production including: production opportunities, marketing, disease and insect management, tunnel production, plasticulture, matted row, everbearing production and the importance of pollination, irrigation and frost protection.

"Strawberry Production" will be held from 6 p.m. to 8 p.m. at OSU South Centers at Piketon at 1864 Shyville Road, Piketon. Registration is \$5 per person.

The workshop is part of OSU South Centers Third Thursday Horticulture Business Training Series.

For more information, or to register, contact Julie Strawser at (740) 289-2071, ext. 223, or e-mail strawser.35@cfaes.osu.edu.

Preliminary Results: A Survey of Honey Bee Colonies Losses in the U.S. Between September 2008 and April 2009 by Dennis vanEngelsdorp¹, Jerry Hayes², and Jeff Pettis³. (*source* “Catch the Buzz” <http://home.ezezone.com/1636/1636-2009.05.19.10.29.archive.html>)

The Apiary Inspectors of America (AIA) and USDA-ARS Beltsville Honey Bee Lab conducted a survey between September 2008 and early April 2009 to estimate colony losses across the country. Over 20% of the country’s estimated 2.3 million colonies were surveyed. A total loss of 28.6% of managed honey bee colonies was recorded. This compares to losses of 35.8% and 31.8% recorded respectively in the winters of 2007/2008 and 2006/2007. While a decrease in total losses is encouraging, the rate of loss remains unsustainable as the average operational loss increased from 31% in 2007/2008 to 34.2% in the 2008/2009 winter.

Colony Collapse Disorder (CCD) is characterized by the complete absence of bees in dead colonies or in apiaries. This survey was not able to differentiate between verifiable cases of CCD and colonies lost as the result of other causes that share the “absence of dead bees” as a symptom. The 26% of operations that reported some of their colonies died without dead bees lost 32% of their colonies, while beekeepers that did not lose any bees with symptoms of CCD lost a total of 26% of their colonies.

Only 15% of all the colonies lost during the 2008/2009 winter died with symptoms of CCD, this compares to a 60% colony loss with CCD-like symptoms in the winter of 2007/2008. While losses from CCD may have decreased in the winter of 2008/2009, losses from other causes remain a significant concern. 58% of all beekeepers reported above normal losses last year, losing a total of 32.8% of their colonies compared to the minority of beekeepers who claimed a normal or below normal loss of 17%.

These findings emphasize the urgent need for research, not only of CCD, but of general honey bee health.

1. Dennis vanEngelsdorp, Pennsylvania Department of Agriculture/The Pennsylvania State University; Apiary Inspectors of America (AIA), President dennis.vanengelsdorp@gmail.com 717-497-1514
2. Jerry Hayes, Florida Department of Agriculture, Past President AIA, hayesg@doacs.state.fl.us, 352 372-3505
3. Jeff Pettis USDA-ARS Bee Research Laboratory, Beltsville, MD, jeff.pettis@ars.usda.gov, 301 504-8205

Endosulfan

The EPA has released the impact assessment for endosulfan on apple. The conclusion states “A significant extension of REI, ..., would make use of endosulfan infeasible for

most growers, forcing a switch to other pest control measures. Effective chemical alternatives are valuable, although they are somewhat more costly or managerially complex.” EPA is looking for comments on their assessment on the use of endosulfan. The comment period will be until by July 6, 2009. Information about submitting comments is at: <http://www.epa.gov/fedrgstr/EPA-PEST/2009/May/Day-06/p10149.htm> and information about the assessment is at: <http://www.epa.gov/pesticides/reregistration/endosulfan/>

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

May 19 Mid-Mississippi Valley Orchard Tour, Reid’s Orchard, Owensboro, KY. This is a cooperative tour between the Missouri, Illinois and Kentucky. This is Kentucky’s year to host the tour. For more information Contact Annette Heisdorffer 270-685-8480 or John Strang 859-257-5685

May 21, High Tunnel Strawberry Production Workshop, Ohio State University South Centers, Piketon, 6-8 p.m., \$5 registration fee, (740) 289-2071.

June 6 Summer KY State Beekeepers Assoc. Field Day, Walter T. Kelley Company, Letchfield. Pre- registration is required. For more information contact Joe Taylor, KSBA at (270) 879-8654, shopteacher@gmail.com or shop_teacher@yahoo.com.

June 11, Illinois Summer Horticulture Field Day, Royal Oak Farm Orchard, Harvard, Ill. For more information call 309-530-7678.

June 17, Beekeeping Field Day, OARDC (start at Fisher Auditorium), Wooster, 3-7 p.m., registration fee (TBD), (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, Secest 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.

More information in this issue.

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

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. 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.

Jan. 4-5, 2010 Kentucky Fruit and Vegetable Conference and Trade Show. Embassy Suites Hotel, Lexington, KY. Contact John Strang 859-257-5685.

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