

Ohio Fruit ICM News

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Comments from the Editor

For those of you that are more diversified or are just curious, please note two excellent events coming up, the Vegetable Crops Tour in Fremont, and the Southwest Ohio Corn Growers Field Day.

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>

Ron Becker, 7/7/16-7/20

With codling moth trap counts up, we expect growers will be putting a spray on for codling moths sometime around the first of August, depending on material used. Red mites are still a problem in some apple and peach blocks while they have been almost non-existent in others. One apple block was found to have a very light infestation of grape mealy bug on some it's new growth. Woolly apple aphids are also starting to move to suckers. Tentiform leaf miners are also becoming more noticeable in apples, though still under an average of 1 per leaf.

Wayne:

Codling Moth - 2.4 (up from .1)
Oriental Fruit Moth - 0 (down from 7)
Lesser peachtree borer - 4(up from 0)
Peachtree borer - 3 (down from 4)

Apple Maggot (unbaited, sum of 3) - 0

Holmes:

Codling Moth - .42 (up from .89)

Oriental Fruit Moth - 0 (down from 1.5)

Lesser peachtree borer - 6.0 (down from 7.0)

Peachtree borer - 3.0 (same as last week)

Apple Maggot (unbaited, sum of 3) - 0

Medina:

Codling Moth - 1.25 (down from .08)

Oriental Fruit Moth - 4.0 (down from 5)

Lesser peachtree borer - 0 (same as last week)

Peachtree borer - 0 (same as last week)

Apple Maggot (unbaited, sum of 3) - 0

Waterman Lab Apple Orchards, Columbus, 7/12/07 to 7/18/07

Redbanded leafroller: 10 (up from 0 last week)

Spotted tentiform leafminer: 405 (down from 679 last week)

San José scale (mean of 2): 31.5 (down from 68.5 last week)

Codling moth (mean of 3): 4 (up from 3.3 last week)

Lesser appleworm (mean of 2): 2 (down from 7 last week)

Tufted apple budmoth: 1 (down from 2 last week)

Oblique-banded leafroller: 2 (up from 0 last week)

Variegated leafroller: 2 (up from 0 last week)

Apple maggot (mean of 3): 1 (up from 0.6 last week)

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) 7/16/07-7/17/07

Apples

Spotted tentiform leafminer 148 (down from 300)

San Jose Scale 60.7 (up from 23.4)

Redbanded leafroller 3.5 (down from 3.8)

Codling Moth (average of 3) 2.4 (up from 0.9)

Oriental Fruit Moth 9.7 (up from 7.5)

Apple Maggot (sum of 3) 1.6 (down from 2)

Peaches

Redbanded leafroller- 1.7 (down from 3.7)

Oriental Fruit Moth 3.3 (down from 6.7)

Lesser peachtree borer 4.3 (down from 4.7)

Peachtree borer 2.0 (up from 1.3)

Ted Gastier West District IPM Scout (Sandusky, Ottawa, Huron & Richland Co.) 7/16/07

Apples

Spotted tentiform leafminer 171 (up from 61.2)

San Jose Scale 0 (same as last week)

Redbanded leafroller 6.7 (down from 10.6)

Codling Moth (average of 3) 2.2 (up from 1.4)

Oriental Fruit Moth 9.3 (down from 14.8)
 Lesser appleworm 27.8 (up from 26.9)
 Apple Maggot (sum of 3) 0 (same as last week)

Peaches

Redbanded leafroller- 1.2 (down from 19.4)
 Oriental Fruit Moth 3.3 (up from 1.9)
 Lesser peachtree borer 2.1 (down from 4.0)
 Peachtree borer 2.3 (down from 3.2)

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

Codling moth 2nd flight peak	1337-1977
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
Codling moth 2nd flight subsides	1944-2536
Lesser appleworm 2nd flight subsides	1973-2387
Oriental fruit moth 3rd flight subsides	2000-2288
Lesser peachtree borer flight subsides	2017-2433
Obliquebanded leafroller 2nd flight subsides	2036-2458
Redbanded leafroller 3rd flight subsides	2142-2422
American plum borer 2nd flight subsides	2184-2544
Spotted tentiform leafminer 3rd flight subsides	2246-2432

USDA Risk Management Association Fact Sheets by Jennifer Dammerman, RMA, Springfield, IL and John Wargowsky, MAAHS (Source: Purdue Facts for Fancy Fruits, 07-06)

Updated fact sheets are now available on the RMA website and the Regional Office website. Of particular importance to most of you is the new fact sheet that outlines the procedure of requesting a written agreement in a county with no actuarial documents. Below is a link to the regional office site where most of the fact sheets can be located: http://www.rma.usda.gov/aboutrma/fields/il_rso/ The fact sheet that explains the procedure of requesting insurance in a county with no actuarials: <http://www.rma.usda.gov/pubs/2007/requestinginsurance.pdf>

Ohio Dept. of Ag. Announces Farm Pesticide Disposal Collection

The Ohio Department of Agriculture will sponsor a farm pesticide disposal drop-off on Aug. 14 from 9:30 a.m.-3:30 p.m. at the Fayette County Airport, state Route 38, approximately two miles north of Washington Court House. The collection will be held in conjunction with the Southwest Ohio Corn Growers Field Day

“The Clean Sweep program is designed to protect consumers and the environment,” Ohio Agriculture Director Robert J. Boggs said. “Ohio farmers can protect the environment by properly disposing of unusable and out-of-date pesticides.”

This collection is one of four being held throughout the state. The pesticide collections are sponsored by the department in conjunction with the United States Environmental Protection Agency. To pre-register or for more information please contact the Ohio Department of Agriculture Pesticide Section at 614-728-6987.

Pesticide disposal collections have been conducted since 1993 with over one million total pounds collected and over 32,000 pounds collected in 2006. Over 6,600 pounds were collected at the Fayette county event last year

Walking the Fields Vegetable Crops Tour is Aug. 8 in Fremont by Randi Espinoza

If you're in the vegetable business, you won't want to miss this year's free Walking the Fields Vegetable Crops Tour, 6-8 p.m., Wednesday, Aug. 8, in Fremont. Starting at the Ohio Agricultural Research and Development Center's (OARDC) North Central Agricultural Station, the program - for growers, packers, processors, crop consultants and the general public - features a self-driving tour of vegetable fields around Fremont and Elmore, Ohio. No registration is required to attend. OARDC and Ohio State University Extension are the sponsors. Certified Crop Advisor and Pesticide Re-certification credits will be offered for a fee.

"With the dry weather Ohio has experienced this year, we will visit sites and review the

various types and uses of irrigation systems," said station manager Matt Hofelich. To help growers better understand the various types of irrigation systems and determine what system is right for their operation, Mark Ackerman of George Ackerman Company will talk about the various types of systems available, including hard hose reel and gun, hard hose reel and boom, ridged pipe and risers, and drip tape systems.

Doug Doohan, Department of Horticulture and Crop Science, OARDC and OSU Extension, will discuss irrigation and water quality, focusing on the importance of assessing irrigation water quality and how this is directly associated with food safety and liability. Sally Miller, Department of Plant Pathology, OARDC and OSU Extension, will cover disease concerns associated with the irrigation.

Other OARDC and OSU Extension experts will be available to answer questions about insect pests and weed control. The last stop on the tour will be the farm of Daryl Knipp, Lindsey, Ohio, to view a new automated transplanting system, the first of its type in the United States.

"Mr. Knipp will discuss this new technology and the experiences he had with operating this transplanter the past season," Hofelich said. "This new three-row transplanting system is designed to significantly reduce labor needs and requires only two persons to operate, a tractor driver and a person to load plants." Find the North Central Agricultural Research Station at 1165 County Road 43, at the corner of County Road 43 and state Route 53, southwest of Fremont.

For more information, contact Hofelich, (419) 332-5142, hofelich.4@osu.edu; or Mark Koenig, (419) 334-6340, koenig.55@osu.edu

Southern Ohio Vegetable and Berry Update 7/15-7/21/07 by Brad Bergefurd, OSU South Centers Horticulture Extension Educator

Heavy rain fell in many parts of southern Ohio and southern Clinton County in particular on Tuesday (7/17) afternoon with 2 inches of rainfall in about 45 minutes and about 3.5 inches for the week. This resulted in flooded field conditions for the rest of the week making harvest of vegetable and berry crops very difficult due to muddy field conditions. Tractors could not get into the field and field workers were having a difficult time walking in ankle deep mud conditions. These muddy field conditions also hampered spraying of fungicides and insecticides on vegetable and berry fields and resulted in shutting down late season plantings of cucumbers, summer squash, beans, cabbage, cauliflower, broccoli and sweet corn. A second crop of processing pickles was able to be planted over the weekend, 7/21-7/22 in the Circleville area. Most all of the southern Ohio growing region received some needed rainfall last week.

Due to the past weeks storms irrigation systems have been shut down and workers are having to trench between plastic covered vegetable beds due to standing water. Also due to the recent rains fungal disease pressure is increasing on all vegetable crops and vine crops in particular continue reports of Powdery Mildew, bacterial wilt and other fungal

wilt infections in vine crop fields. Bacterial canker, spot and speck continue to show up in high tunnel and field tomatoes. Leaf mold and Early Blight continue to show up in tomato plantings where fungicide schedules were not spaced close enough..

Harvest of all fresh market field vegetables, sweet corn, melons, tomatoes, watermelon, cabbage, green beans, summer squash, cucumbers, pickles and processing pickles is in full swing. Potato quality and yield are the best early summer harvests for the area in over 5 years. Harvest of summer red raspberries and blackberries (where there is a few not killed from the Easter freeze) continues. Renovation of matted row strawberry beds continues and continued summer mowings of carryover plasticulture strawberry continues.

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

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. -**CANCELLED**

August 8, Vegetable Crops Tour, Fremont. For more information, contact Hofelich, (419) 332-5142, hofelich.4@osu.edu; or Mark Koenig, (419) 334-6340, koenig.55@osu.edu

August 9, OSU South Centers Horticulture Field Night, Piketon.

August 14, Southwest Ohio Corn Growers Field Day and Clean Sweep Program, Fayette County Airport. To pre-register or for more information please contact the Ohio Department of Agriculture Pesticide Section at 614-728-6987

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.

Nov. 11-13, Southeast Strawberry Expo. Sheraton Imperial Hotel in Research Triangle Park. For more information contact Debby Wechsler, NC Strawberry Association, phone 919-542-3687 or email ncstrawberry@mindspring.com.

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

Jan. 28-30, 2008. Indiana Horticultural Congress, Adam's Mark Hotel, Indianapolis. For more information see www.inhortcongress.org

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