

Ohio Fruit ICM News

Editor: Shawn R. Wright

Ohio State University South Centers

1864 Shyville Rd., Piketon, OH 45661

Phone (740) 289-2071 extension 120

E-mail: wright.705@osu.edu

<http://southcenters.osu.edu/hort/icmnews/index.htm>

<http://twitter.com/osuschort>

Volume 13 (17)

August 26, 2009

In This Issue

Comments from the Editor

Fruit Observations and Trap Reports

Aronia – A New Crop for the Midwest

Ohio Joins the National AgrAbility Program

10th Annual Ohio Farmland Preservation Summit

Calendar

Ohio Poison Control Phone Number

Comments from the Editor

Matted row strawberry growers, don't forget your Labor Day application of Sinbar if needed.

Fruit Observations and Trap Reports

North Central Ohio Tree Fruit IPM Program by Cindy Crawford, Administrative Associate

Ted Gastier – West District IPM Scout (Sandusky, Ottawa, Huron and Richland Counties) 8/17/09

Apples

Spotted tentiform leafminer – 58.61 (down from 90.83)

Redbanded leafroller – 0 (same)

Codling Moth - 2.4 (down from 4.9)

Oriental Fruit Moth – 2.75 (down from 4.9)

Lesser appleworm – 0 (same)

San Jose scale – 0 (same)

Peaches

Redbanded leafroller- 0 (same)

Oriental Fruit Moth – 4.9 (up from 2.3)

Lesser Peachtree Borer – 4.6 (up from 1.5)

Peachtree Borer – 3.4 (down from 6)

Lois McDowell – East District IPM Scout (Erie and Lorain Counties) – 8/17-18/09

Apples

Spotted tentiform leafminer – 235.3 (up from 194.4)

Redbanded leafroller – 4.2 (up from 3.6)

San Jose scale – 36.29 (down from 182.71)

Codling Moth – 3.9 (down from 4.7)

Oriental Fruit Moth – 0 (down from 0.15)

Lesser Appleworm – 7.2 (up from 4.4)

Apple Maggot – 5 (down from 22.8)

Peaches

Redbanded Leafroller- 3 (up from 2)

Oriental Fruit Moth – 0 (same)

Lesser Peachtree Borer – 5.7 (up from 2)

Peachtree Borer – 3.7 (up from 2)

Aronia – A New Crop for the Midwest By Eldon Everhart, Horticulture Specialist, Iowa State University Extension

Why is aronia in the news?...Aronia berries contain very high levels of antioxidants – higher than grapes, elderberries, blueberries, and other fruits. Research has shown that antioxidants help reduce the risk for cancer, heart disease, inflammations, diabetes, bacterial infections, and neurological diseases, and may slow the aging process in humans.

What is aronia?...*Aronia melanocarpa* is a perennial, deciduous, self-supporting shrub, native to the eastern half of the United States. Its native range extends into Canada and south into Georgia, and includes only Winneshiek County in Iowa. Aronia is cold hardy to at least USDA Zone 3 (-40 F). The cold tolerant blooms open in late spring and avoid most frosts. The plants will grow on various soils from poorly drained to well-drained sites.

Where is aronia grown commercially?...Early in the 20th century, aronia was introduced in Eastern Europe where high quality, large fruited cultivars were selected. Aronia is now grown on thousands of acres in Eastern Europe. Aronia berries' popularity is skyrocketing in the United States. The aronia berry industry is still in the early stages of development. Commercial plantations are mostly being planted in the Midwest.

Are all aronia cultivars the same?...‘Autumn Magic’ and ‘Iraqis Beauty’ are commonly sold ornamental cultivars of *Aronia melanocarpa*. They were selected for their ornamental traits – white flowers, shiny green leaves, orange-red fall foliage, and dark purple berries. If not harvested, the berries will hang on the bushes until songbirds eat them late winter. ‘McKenzie’ is a cultivar that was selected for use in windbreaks and conservation plantings, not for commercial berry production. It was released in 2008. ‘Viking’ and ‘Nero’ were selected in Russia for commercial fruit production. Within the last 15 years, these two cultivars were introduced back into the United States. Mature plants of ‘Viking’ are six to eight feet tall with 40 or more shoots per plant. They are the

size of a common lilac bush and live just as long.

How are aronia berries harvested?...The round, pea-sized, violet-black berries of *Aronia melanocarpa* hang in clusters of up to 12 berries. Aronia berries are ready to harvest by hand or with a mechanical harvester in mid August to early September.

How are aronia berries used?...Aronia berries can be eaten fresh off the bush or used in bread, muffins, pies, cookies and other baked goods. They can be used to make tea, smoothies, juice, and aronia wine. Aronia fruit or fruit juice can be used to make jams, jellies, syrup, candy, salsa, barbeque sauce, and to flavor and color yogurt, sorbet, ice cream, milk, and other products.

What do aronia berries taste like?...Taste is difficult to describe and not all things taste the same to all people. Aronia berries have a distinctive, pleasant flavor. Astringency is the sensation that most people notice first. The berries will make your mouth pucker. This dry mouth feeling is caused by chemicals known as tannins. Tannins make dry wines dry. Many people like that dry, mouth puckering quality of dry wines and aronia berries. Freezing reduces the astringency and makes it easier to extract the juice. When fully ripe, aronia berries have a sugar content as high as grapes or sweet cherries. They have a high acid content (low pH) but are not sour when fully ripe.

Why grow aronia?...They do not need trellising, spraying, or bird netting. Most insect pests, diseases, and other “critters” leave them alone. Deer and Japanese beetles are a problem in some areas. Aronia plants are easy to grow and maintain. You must mow between the rows and harvest the berries. An aronia business can be profitable. Annual returns per acre can be over \$8,000 on the wholesale market and \$100,000 on the retail market.

Where to get more information?...Aronia Festival on Saturday & Sunday, Sept 19 & 20, 10 a.m.- 6 p.m. at Sawmill Hollow Organic Farm, 2159 Kennedy Avenue, north of Missouri Valley, Iowa. Tours of the aronia plantation, educational talks, entertainment, samples, plants and products for sale. Take Interstate 29 south from Sioux City to Exit 82 (Modale) then follow signs.

Ohio Joins the National AgrAbility Program by Candace Pollock, OSU CommTech

Ohio State University Extension has received a 4-year, \$720,000 grant from the U.S. Department of Agriculture to assist farmers with disabilities through the national AgrAbility program. Visitors to Ohio State University’s Farm Science Review can stop by the Safety Education Area to learn more.

Farm Science Review will be held Sept. 22-24 at the Molly Caren Agricultural Center in London, Ohio. The Safety Education Area is located on Friday Avenue of the Review’s exhibitor grounds. Information on AgrAbility will be available throughout the show.

Cake and refreshments will be served as part of a celebratory kick-off of the Ohio program.

“Visitors to Farm Science Review can stop by the booth to learn more about AgrAbility and what the program can do for them,” said Dee Jepsen, OSU Extension’s state safety leader. “The program has a mission to enable a lifestyle of high quality for farmers and other agricultural workers with disabilities, so that they, their families, and their communities continue to succeed in rural America.”

With the grant, Jepsen and her colleagues will be advancing efforts to address a wide variety of disabling conditions faced by many working in agriculture, including arthritis, spinal cord injuries, back impairments, amputations, brain injury, visual impairments, hearing impairments, disabling diseases, cerebral palsy and respiratory impairments.

To learn more about the national AgrAbility program, log on to <http://www.agrabilityproject.org/>. Ohio now joins 27 other states with AgrAbility projects.

In addition to the AgrAbility program, specialists at Farm Science Review will also provide information on farm safety, display the new lighting and marking standards for horse-drawn vehicles, hold grain rescue demonstrations, and demonstrate the safe handling of all-terrain vehicles (ATVs). The ATV safety program will focus on the proper way to dress when operating an ATV, how to fit an ATV to the rider, and how to properly operate an ATV.

Farm Science Review is sponsored by the College of Food, Agricultural, and Environmental Sciences, Ohio State University Extension, and the Ohio Agricultural Research and Development Center. It attracts upwards of 140,000 visitors from all over the country and Canada, who come for three days to peruse 4,000 product lines from 600 commercial exhibitors, and learn the latest in agricultural research, conservation, family and nutrition, and gardening and landscape.

Tickets are \$8 at the gate or \$5 in advance when purchased from county offices of OSU Extension or participating agribusinesses. Children 5 and younger are admitted free. Hours are 8 a.m. to 5 p.m. Sept. 22-23 and 8 a.m. to 4 p.m. Sept. 24.

10th Annual Ohio Farmland Preservation Summit: Planting the Seeds of Future Prosperity

On November 5, 2009, the tenth annual Ohio Farmland Preservation Summit will take place at the new Nationwide and Ohio Farm Bureau 4-H Center on the Ohio State University campus. For this landmark anniversary, we offer exciting and information-packed breakout sessions to inform and invigorate. There will also be exhibition space and a fresh produce market in the afternoon. To help us celebrate a decade of gatherings, The Ohio State University President, Gordon Gee, will give a welcome and USDA Deputy Secretary, Kathleen Merrigan, will provide an address via video.

You often hear that farmland provides services beyond food and fiber production. The morning plenary will begin by a panel addressing the question: How can we begin to value these services such as carbon sequestration and nutrient management, and what selling and trading of these services mean for farmland protection? The afternoon session focuses on the role of farmland protection in balancing growth and restoring prosperity to Ohio.

Breakout sessions are available on a variety of topics ranging from the basics of preserving the farm business, adapting to climate change through soil management, using surveys to gauge support for farmland protection, results from the latest census, to food policy and Ohio farmland.

For additional information about the conference, go to <http://cffpi.osu.edu/summit09.htm> or contact Jody Fife, Ohio Department of Agriculture's Office of Farmland Preservation, at 614-728-6210 or farmlandpres@agri.ohio.gov. It is expected that registration materials will be available in early September.

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

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.

Sep. 19-20. Aronia Festival, Iowa. For more information see this issue and contact Dr. Eldon Everhart at everhart@iastate.edu.

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.

Jan18-20, 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