

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>

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In This Issue

Calendar
Comments from the Editor
Growing Degree Days Across Ohio
Coming Events
SW Michigan Fruit Report
Ohio Poison Control Phone Number

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

June 2-4, 23rd Annual Strawberries on the Square Festival. Downtown Newark, OH. For more information, call: (740)345-6910.

June 3-4, Troy Strawberry Festival. Troy, OH. The festival will take place between Adams and Market Street Bridges on Staunton Road. For more information, call: (800)348-8993 or e-mail: etrostle@troyohiochamber.com

June 11-17, International Fruit Tree Association Summer Orchard Tour to Mexico
www.ifta.org.

June 12, Purdue Wine Grape Summer Workshop and Indiana Winegrowers Guild Meeting. Huber Orchard & Winery, Starlight, IN Contact Jill Blume for more details 765-494-1749, blume@purdue.edu or visit www.indianawines.org

June 15, Gooseberry Field Day, KSU Research Farm, Mills Lane, Frankfort, KY. For more information contact Kirk Pomper at 502-597-5942

June 16, Illinois State Horticultural Society Summer Field Day, Boggio's Little Mountain Orchards, Granville, Ill. For more information phone Don Naylor, (309) 828-8929.

June 21-22, OVPGA Tour. For more information see the write up in this issue.

June 28, OFGS Summer Tour at White House Fruit Farm in Canfield, Ohio. For more information on the tour, contact Tom Sachs or Kathy Lutz at (614) 246-8292 or via email at klutz@ofbf.org.

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

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

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

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

December 5-7, Great Lakes Fruit, Vegetable and Farm Market EXPO. DeVos Place, Grand Rapids, Mich., www.glexpo.com.

January 7-9, 2007, Wisconsin Fresh Fruit and Vegetable Conference, Olympia Resort and Conference Center, Oconomowoc, 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

February 9-12, 2007, North American Strawberry Growers Association Strawberry Symposium. Ventura, California. For more information, <http://www.nasga.org/>

Comments from the Editor

We have had scattered patchy frost the last two nights and AWIS is calling for more of the same in the coldest locations again tonight. Thankfully we are through bloom in our plasticulture strawberries and according to Dr. Barclay Poling at NCSU the fruit will withstand a temperature of about 28 degrees F. Bristol and Jewel black raspberry are in full bloom right now.

Growing Degree Days Across Ohio - Data through May 22 from OSU Phenology Garden Network (not all locations) [OSU Phenology Garden Network](http://www.osu.edu/phenology)

OSU South Centers Piketon	624
Athens	585
Chillicothe	581

Marietta	573
Wilmington	538
Columbus	537
Washington Court House	523
Newark	521
Delaware	512
Xenia	495
Mt. Sterling	494
Coshocton	483
Wooster	430
Mansfield	430
Canton	427
Findlay	419
Toledo	407
Norwalk	395
Canfield	392
Stow	387
Shinrock	385
Cortland	353
Willoughby	347
Kingsville	320

Coming Events -Art Agnello SCAFFOLDS Fruit Journal, Volume 15, No. 10

COMING EVENTS Ranges (Normal +/- Std Dev):	43F	50F
American plum borer peak catch	569-837	279-495
European red mite 1st summer eggs present	447-555	237-309
Lesser appleworm 1st flight peak	384-696	189-387
Mirid bugs 90% hatch	467-615	240-322
Mirid bugs hatch complete	489-639	252-350
Obliquebanded leafroller pupae present	601-821	328-482
Pear psylla hardshells present	493-643	271-361
San Jose scale 1st catch	377-597	186-324
Spotted tentiform leafminer sap-feeders present	343-601	165-317

Southwest Michigan Fruit Report, May 23, 2006 (source: Mark Longstroth, Bill Shane, Al Gaus)

Weather: Last week generally cool, with highs in the 50s and 60s with lows above 40 at night. Growing Degree Day accumulations have slowed and we are near normal. Rain fell Monday and Wednesday, 0.3 inches of rain. This long cold period slowed plant growth and insect and disease activity. Soils are moist. Soil temps are in the low 50s. Scattered frosts Monday morning caused little damage. This week's forecast is for much warmer weather with highs into the 80s by the weekend.

Tree fruit

The warm temperatures should bring on a lot of insect activity. Tarnished plant bug and plum curculio will be a problem when it warms up and controls should be applied before Thursday. Growers report large numbers of ladybug adults, larvae and eggs in orchards.

San Jose scale has become a problem in the area and growers should be aware that the first flight should begin soon.

Apricot fruit are about one inch in diameter.

Peaches are at 10 mm. Foliage is off-color and growing slowly due to recent cool weather. A few orchards have been hand thinned but most will be done when fruit are larger. A lot of fruit have self-thinned but the crop is still decent in many orchards. Oriental fruit moth trap catches are low. We should be at peak adult emergence but cool temperatures have kept the flight down. We set Biofix Oriental fruit moth as April 16 with a GDD of 180 Base 45 at SWMREC. Chemical controls are focused on egg hatch, which continues to about 650 GDD after biofix. We are about 331 GDD past Biofix. Tarnished plant bugs have been found in peach orchards and growers are mowing orchards. This can drive the bugs into the tree canopy to feed on the fruit. We are starting to catch lesser peach tree borer.

Sweet cherries are 14 mm fruit and nearing the end of pit hardening. Plum curculio will be a problem when it warms up.

Tart cherries are at 10 mm fruit and relatively uniform in size. The crop looks a little heavier than average. Growers need to protect against cherry leaf spot. No cherry leaf spot symptoms have been found yet. In general the weather has been too cool for this disease. There is some shot holing of the leaves probably from bacterial canker but not other symptoms have been found.

Plums are at 10 mm fruit and the fruit is starting to sort out by size. We will not have a good estimate of the crop for several weeks. Growers need to protect against plum curculio and to maintain protection for black knot.

Apple fruit set is good. The fruit are about 10 mm in diameter. The warm temperatures forecast for later this week are an ideal thinning window with temperatures rising from the 50s into the 80s by the weekend apply thinners when daytime highs are forecast to be above 70. Growers need to protect against plum curculio. Wednesday's rain was an apple scab infection in some areas. Scab symptoms from earlier rains have been found. Scab symptoms from infection periods in early May should be appearing now. Scab spore release has continued at low levels. We have not reached the end of primary scab. You can monitor scab spore maturity using the Enviroweather site. Growers need to maintain scab protection. Growers also need to protect against powdery mildew. Fire blight canker margin symptoms should appear this week as wilted shoots near old cankers. Fire blight could be a problem if we get severe weather in orchards with oozing cankers and shoots. Cool weather kept oriental fruit moth and codling moths trap counts low last week. A regional biofix for codling moth has not been set. We expect the flight to begin again with warm dry weather this week. See the article on pesticides for codling moth in last week's Fruit CAT Alert. Leafroller larvae about 20 mm long can be found in apples. Obliquebanded leafroller traps should be out. Other regions are report high numbers of European red mites in some areas so growers should scout their hot spots.

Pear fruit are at 10 mm. Growers need to protect against pear scab. Pear psylla nymphs are common in some orchards. Pear blister mite was reported for several small growers.

Small fruit

Blueberries are blooming. Growers should be protecting against mummy berry and anthracnose fruit rots. Few mummy berry shoot strikes have been found. Cherry fruitworm are being caught in pheromone traps. We expect to see cranberry fruit worm emergence this week with the warm temperatures. See the article on these fruitworms in last week's Fruit CAT Alert. Growers should be ready to treat for these pests at the end of bloom. Post bloom sprays also control blueberry gall midge and blueberry tip borer.

In Grapes, primary shoots are almost a foot long and secondary and tertiary buds are opening. New growth is off-color and growing slowly due to the cool weather. There are few live secondary buds. In areas showing little growth from a distance both primary and secondary buds are dead. An accurate estimate can be made when flower clusters in new replacement shoots are visible. Growers should continue their disease control programs in areas that show fair growth and may have a marketable crop. Grape flea beetle larvae have been found feeding on the leaves.

Strawberries are blooming. The cool, wet conditions have been favorable for Botrytis grey mold disease development.

Raspberries flower clusters are emerging. Growers should be scouting for leafrollers.

Cranberry buds are beginning to burst.

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