



Newsletter

Extension

Fruit ICM News

Volume 8, No. 37
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In This Issue

[Calendar](#)

[2004 Ohio Fruit Report](#)

[Terminal Market Wholesale Fruit Prices](#)

Calendar

November 3: Ohio Vegetable and Small Fruit Research and Development Program Board Meeting, Waterman Research Lab, Wittmeyer Conference Room. Contact Tom Sachs at 614-246-8292 or e-mail growohio@ofbf.org or click on <http://www.ohiovegetables.org>.

November 9: Ohio Ag and Hort Human Resource Managers' Forum, Hilliard, OH. Reservations are requested by November 1. Contact MAAHS at 614-246-8286, labor@ofbf.org, or <http://www.midamservices.org>.

November 11: Ohio Fruit Growers Society Board Meeting, Dutch Heritage, Bellville. Contact Tom Sachs at 614-246-8292 or e-mail growohio@ofbf.org or click on <http://www.ohiovegetables.org>.

November 18: Ohio Fruit Growers Society Research, Extension/Education, and Ohio Apple Operating Committee Meetings, Dutch Heritage, Bellville. Contact Tom Sachs at 614-246-8292 or e-mail growohio@ofbf.org or click on <http://www.ohiovegetables.org>.

January 19-21, 2005: Ohio Fruit and Vegetable Growers Congress / Ohio Direct Marketing Conference, Toledo SeaGate Centre. Contact Tom Sachs at 614-246-8292 or e-mail growohio@ofbf.org.

February 10-12, 2005: North American Farmers' Direct Marketing Conference and Trade Show, Boston Park Plaza Hotel, Boston, MA. Contact 413-529-0386, e-mail info@nafdma.com, or click on <http://www.nafdma.com>.

February 16-19, 2005: North American Berry Conference, Nashville, Tennessee. Conference of North American Bramble Growers and North American Strawberry Growers. See Issue 34 for more

information <<http://ipm.osu.edu/fruit/04icm34.pdf>>.

2004 Ohio Fruit Report

Contributors: Sandy Kuhns, Diane Miller, Celeste Welty, Ron Becker, Maurus Brown, Mike Ellis, Dick Funt, Mark Schmittgen, Dave Scurlock, and Shawn Wright

Edited by Ted Gastier

Small Fruit

Blackberry

Bloom was on schedule despite warm spring.

Black Raspberry

Dr. Gary Stoner's research, at the James Cancer Hospital and Solove Research Institute, with Ohio black raspberries is showing the considerable reduction of cancerous tumors in animals both in the colon and in the esophagus. The first human clinical trial on Barrett's esophageal cancer was started at OSU in January 2004.

Acreage in Ohio is increasing. Excellent lateral growth of black raspberry canes was noted. However, some areas suffered some winter damage. Orange rust continued to be a problem in most plantings, although the number of infected plants seemed to be less this year.

Blueberry

Acreage is increasing in Ohio. Early ripening due to warm spring. Birds are the primary problem, with minimal insect and disease pressures.

Grapes

The season started out to be a disastrous one, being mostly cold and wet. *Phomopsis* was prevalent early in the season, due to the wet spring. However, the amount of production and quality of the fruit was very good to excellent. Grape berry moth was the main insect problem with control measures providing excellent control. Yellow jackets were also a problem during harvest. Downy mildew was light to moderate. The Asian Lady Beetle has been virtually absent from the scene. Table grape production in Ohio during 2004 was good for most growers, considering the excessive moisture in May and June. Table grape growers indicated that they applied as many, if not more, fungicide sprays as in 2003 to control diseases. Yields were good where frost was not a problem. Acreage is increasing in Ohio. Prices received at farm markets ranged from \$1.09 to \$1.69.

Red Raspberry

Acreage is increasing in Ohio. Bloom was on schedule despite warm spring. Widespread use of Switch noted. Consistently large fruit size at harvest.

Red raspberries did poorly where *phytophthora* root rot was not managed.

Strawberry

Acreage is decreasing in Ohio. Overlapping bloom due to warm spring, along with early ripening, created a shortened harvest season. Pests noted were slugs and spittlebugs; diseases present were anthracnose, botrytis, and leather rot.

Tree Fruit

Apple

Fruit set was very good in spite of some early frost damage. Overall, quality was very good as well, other than smaller fruit occurring where thinning was inadequate. Harvest time for most varieties was one to two weeks earlier than normal in spite of a cool, wet summer. 'Maxcel' chemical thinner was used by a few apple growers in Ohio in 2004. (Diane believes the limited number using it was due to the cost of the product, not the availability.) In Wooster, with Gala, it was an effective thinner and we will reduce the rate in 2005 from 75 ppm used in 2004. Provide and Apogee, in combination, reduced Gala fruit size for the second year in a row in trials at Wooster. Apogee effectively reduced Gala shoot growth. Interest in mating disruption is increasing and some orchard blocks were treated with Cyd-X virus for codling moth management. Fourteen apple growers shared apple scab predictive reports from Weather Trackers through the Ohio Apple Disease Network.

Peach

Great quality crop, in spite of some early frost damage. Estimated yield was down by 35%, however.

Good size, great flavor, no brown rot, little scab, very little cat-facing damage. Overall crop ripened early with most varieties of peaches harvested one to two weeks earlier than normal. Interest in mating disruption is increasing.

Apple and Peach Arthropods

The apple pest complex in Ohio was average in density and timing in 2004. San José scale and spotted tentiform leafminer continue to increase in some orchards. Problems with codling moth control in apples and oriental fruit moth control in peaches continue at a few orchards in northwest Ohio. The worm situation is complicated by presence of Oriental fruit moth (along with codling moth) in one large apple block. In an apple orchard in northeast Ohio that had severe problems with codling moth in 2002 and 2001, excellent results were obtained in 2004 and 2003, due to improved timing, increased water volume, and increased number of sprays. A few growers tried pheromone mating disruption as a supplement to insecticides in apples and peaches.

Pears

Problems noted were stony pit and pear scab.

Other Comments

Progress is being made in the updating of several Extension bulletins.

Terminal Market Wholesale Fruit Prices - October 13, 2004

Source: Chicago <http://www.ams.usda.gov/mnreports/HX_FV010.txt>

Detroit <http://www.ams.usda.gov/mnreports/DU_FV010.txt>

Pittsburgh <http://www.ams.usda.gov/mnreports/PS_FV010.txt>

	Chicago	Detroit	Pittsburgh
Apples, cartons	IL U.S.	MI Empire 2½ min	NY Comb U.S.
12 3-lb film bags	Fancy Jonathan	12-13.50	ExFcy-Fcy Rome 2½" up 15.00
U.S. ExFcy (unless noted)	2¼" up 14.00	Gala 2½" min 12.00-16.50 2½" min 12-14.50	Red Delic 2½" min 15.00
	MI U.S. Fancy	Jonamac 2½" min 13-13.50	PA U.S. One
	Golden Delicious	Jonathan 2½" min 13-15.00	Empire 2¼" min 11-15
	2¼" min 12.50	McIntosh 2½" min 12-14.50	Golden Delicious 2¼" min 11.50- 16.00
	Red Delicious	R. Delic 2½" min 12-14.50	Idared
	2¼" min 12.50	NY McIntosh 2½" min 14.50 R. Delic 2½" min 14.50	2¼" min 11.50- 15.00
		MI U.S. Fancy Empire	Jonathan
		2½" up 11.50-12.00	2¼" min 11.50- 16.00
		Gala 2¼" min 11.50-12.00	Jonagold
		McIntosh 2½" min 12.00	2¼" min 11.50- 16.00
		2¼" up 10.50-11.00	Red Delicious
			2¼" min 11.50- 16.00
			Rome

		R. Delic 2¼" min 10.50-11	2¼" min 11.50- 15.00
Apples , cartons tray pack, U.S. ExFcy (unless noted)			NY Rome 56s 18.00 88s 14.00 WV R. Delic 88s 18.50 125s 15.75 WV Comb ExFcy-Fcy G. Delic. 88s 18.50 125s & 138s 15.75
Apples , cartons cell pack U.S. ExFcy (unless noted)	NY McIntosh 80s 24.00 96s 22.00 100s 13- 13.50 120s 12.00	NY U.S. ExFcy Cortland 80s 20.00 Empire 80s 19-19.50 McIntosh 80s 19.50-20.00 VT McIntosh 100s 18.50	NY McIntosh 100s 21.00 Fancy McIntosh 80s 18.50 100s 17.50
Apples , bushel cartons loose U.S. Fancy (unless noted)	IL U.S. Fancy Red Delic 14.00	MI U.S. ExFcy Gala 2¾" up 15.00 Empire 2¾" up 12-15.00 3" min 15.00, 2½" up 10.00 G. Delic 2¾" up 14-15.00 3" min 14.00 Jonathan 2¾" up 15.00	PA No grade or size marks Empire 11.50- 15.00 Idared 11.50-15.00 Jonagold 11.50-16.00 Jonathan 11.50-16.00 Red Delic 11.50- 16.00 Rome 11.50-

		McIntosh 2¾" up 14-15.00 3" min 15.00 R. Delicious 3" min 14.00 Rome 3" min 14-16.00 U.S. Gala 2½" up 12.00 McIntosh 2¾" up 12.00	16.00 PA bins per 5 lb bag U.S. ExFcy Red Delic 2½" min 2.00
	Chicago	Detroit	Pittsburgh
Blueberries, 12 4.4- oz cups/lids	MI 24.00- 26.00 (CA storage)	MI med 27.00-28.00 (CA storage)	MI medium 23.00
Blueberries, 12 6-oz cups/lids		MI med 21.00-21.50 (CA storage)	
Grapes, cartons 12 1-pt cont/lids		MI U.S. One Concord med 18.00	NY Concord 14.00
Prune Plums, 30 lb cartons	MI Bluefire 1¼" up 12- 12.50		

The intent of listing terminal market prices is to provide information available in the public domain. It is not intended for price setting, only to assist growers in evaluating the value of their crops. Producers need to remember that the prices listed are gross; consideration must be given to other marketing costs, i.e. commission, handling charge, gate fees, and possible lumper fees.

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Information presented above and where trade names are used, they are supplied with the understanding that no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely, and accurate, the pesticide user bears responsibility of consulting the pesticide label and adhering to those directions.

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| [Back](#) |