



Newsletter Extension

Fruit ICM News

Volume 7, No. 45
November 20, 2003

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Calendar

November 25: Ohio Fruit Growers Society Research and Extension/Education Committee Meetings, Dutch Heritage Restaurant, Bellville, OH

November 25: Ohio Apple Marketing Program Committee Meeting, Dutch Heritage Restaurant, Bellville, OH

December 4: Eastern Region Shipper's Meeting, Holiday Inn, Baltimore-International Airport Maryland, 890 Elkridge Landing Road, Linthicum, MD. For information contact Diana Aguilar, 717-783-5418 or by e-mail at c-daguilar@state.pa.us

December 11: Ohio Fruit Growers Society and Ohio Vegetable Growers Society Policy Development Meeting, Dutch Heritage Restaurant, Bellville, OH

December 16: Ohio Fruit Growers Society Research Committee Meeting, Dutch Heritage Restaurant, Bellville, OH

January 21-23, 2004: Ohio Fruit & Vegetable Growers Congress, Ohio Roadside Marketing Conference, & Ohio Christmas Tree Association Winter Meeting, SeaGate Convention Centre and Radisson Hotel, 410 Jefferson Avenue, Toledo. The program kicks off Wednesday, January 21 with an evening session featuring fresh-cut apple slices. Thursday's full schedule includes marketing, orchard floor management, and concurrent afternoon sessions for cider and stone fruit. Friday will feature many of our state specialists reviewing current research. Specialists include Dr. Ian Merwin, Cornell University, and Ohio State specialists Dr. Diane Miller, Dr. Celeste Welty, Dr. Doug Doohan, Dr. Dave Ferree, and Dr. Mike Ellis. A number of expert Ohio growers will also serve as resource persons, sharing their practical experience in a variety of areas. For more information contact Tom Sachs at Ohio Fruit Growers, 614-246-8292, e-mail growohio@ofbf.org. Check out the web site at <http://www.ohiofruit.org>.

February 21-22: The North American Bramble Growers Association National Meeting, Tampa, FL. See the web site <http://www.nabga> for details.

Mulching Strawberries

Source: Bruce Bordelon, Purdue Horticulturist, Facts for Fancy Fruit 2000-13, October 4, 2000

If you haven't already done so, you should make arrangements for your mulch supply now. Strawberries are typically mulched with clean wheat straw; clean meaning that it does not contain excessive weed or wheat seeds. Any straw is suitable as long as it is heavy enough to resist blowing off in the wind and is free of troublesome weeds. Some growers grow their own rye crop for mulch. When harvested in the soft dough stage, it contains very little seed capable of germination. A good rule of thumb is that it takes 1.5 to 2 tons of straw per acre of strawberries. Mulch should be applied *after* several hard freezes in the high 20s have occurred over a short period of time (a week or two). This usually occurs in mid to late December. Once these freezes occur, strawberry plants will be completely dormant. It is important not to mulch too early because the plants need the exposure to cold and shortening day length to properly harden off for winter. On the other hand, you want the mulch on before any sub-zero temperatures occur. (Refer to *Ohio Fruit ICM News* October 23, 2003 issue for more details.)

Fruit Crop Fall Checklist

Source: University of Kentucky Fruit Facts, Summarized and modified from an article by Dr. Dave Lockwood, Extension Fruit Specialist, University of Tennessee, Fruit Notes, Oct. Dec, 2003, Vol. 18 No. 4

Fall is the time to pay attention to the following areas:

- Leaf curl sprays. Late fall, following leaf drop and when the trees are dormant, is a good time to apply the leaf curl spray on peaches and nectarines. If bacterial spot was a problem this past year, the use of a copper fungicide is suggested, as this will work in controlling both diseases.
- **Use of rodenticides.** Voles can cause considerable damage to fruit trees in late fall and winter, when their preferred food sources become limiting. Monitor orchards and use zinc phosphide, the only material registered for use in Kentucky (and Ohio), if warranted. Zinc phosphide is an acute toxicant and it should be used only in accordance with label recommendations.
- **Weed control.** It is getting a little late to use herbicides in our fruit plantings, but physically removing weeds from beneath the trees and fence rows is important in destroying cover for voles and rabbits and keeping populations down.
- **Painting tree trunks.** Painting or spraying the trunks of young fruit trees with white latex paint in late fall may reduce chances for freeze injury (southwest trunk damage). Paint from the ground up to just past the junction of the lower scaffold limbs.
- **Covering graft unions on *vinifera* grapes and young French American hybrid vines.** Soil should be mounded several inches over the graft union on all *vinifera* grapes and young French American hybrid vines to protect them from freeze injury in case we have a particularly cold winter. This is not necessary on vines that are not grafted or on older (three years or older) grafted French American vines. Care should be taken not to nick or injure the vines while performing this operation to avoid crown gall problems. If the soil is too rocky or difficult to mound up, sawdust, wood chips or some other organic material may be mounded around the plants instead.
- **Soil testing.** Soil testing on a regular basis is valuable for keeping the soil pH in fruit plantings within the desired range.

- **Assessing the past year's crop.** Details of things that may have worked (or didn't work), observations of areas in an orchard or vineyard that did not look quite right, weather conditions when the thinning spray was put on, the ground speed during application - these are just a few examples of things that become blurred over time in our minds with the passage of time. Don't run the risk of repeating mistakes or being unable to duplicate successes. Keep a record of what you did, how it worked, why you think it did or didn't work, areas in orchards that didn't perform up to expectations, etc. and keep the records in a safe place.
- **Winterizing and repairing equipment.** Take time to make needed repairs to equipment and winterize properly so that it will be ready to go when needed. Temperatures about 28 degrees F or below can cause significant damage to equipment. Drain all water from lines and follow manufacturer's recommendations on winterizing pumps.
- **Storing pesticides properly.** Be sure that any pesticides you will be carrying over to next year are stored in a secure, locked area and under conditions that will preserve their effectiveness. Avoid damp or wet areas, extreme heat or cold, and direct sunlight.

Terminal Market Wholesale Fruit Prices November 19, 2003

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

Apples

Cartons cell-pack

		<u>Terminal Market</u>
U.S. ExFcy Empire	MI 96s 20-20.50	Detroit
U.S. ExFcy Empire	NY 80s & 100s 23.00	Detroit
U.S. ExFcy McIntosh	MI 80s 20.00	Detroit
	MI 96s 20.00-20.50	Detroit
U.S. ExFcy McIntosh	NY 80s & 100s 20.00	Detroit
	NY 120s 20.50-21.00	Detroit
U.S. Fancy McIntosh	NY 80s 19.00	Pittsburgh
	NY 100s & 120s 16.00	Pittsburgh

Cartons tray-pack

U.S. ExFcy Golden Delicious	MI 125s & 138s 14.00	Pittsburgh
U.S. ExFcy McIntosh	WI 64s 72s 24.00	Chicago
U.S. ExFcy Red Delicious	MI 56s & 72s 18.00	Chicago
U.S. ExFcy Red Rome	NY 80s 16.50	Pittsburgh
Combination U.S. ExFcy-U.S. Fcy Red Delicious	WV 125s & 138s 12.00	Pittsburgh

Cartons tray/cellpack

U.S. ExFcy McIntosh	WI 96s 21.00	Chicago
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12 3-lb filmbags

U.S. ExFcy Empire	MI 2 ½" min 11.50-13.50	Detroit
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U.S. ExFcy Gala	MI 2 ½" min 11.50-14.50	Detroit
U.S. ExFcy Golden Delicious	MI 2 ½" min 11.50-12.50	Detroit
U.S. ExFcy Idared	MI 2 ½" min 11.50-12.50	Detroit
U.S. ExFcy Jonathan	MI 2 ½" min 11.50-12.75	Detroit
U.S. ExFcy McIntosh	MI 2 ½" min 11.50-13.00	Detroit
U.S. ExFcy Red Delicious	MI 2 ½" min 11.50-12.50	Detroit
U.S. ExFcy Red Delicious	NY 2 ¼" min 12.00	Pittsburgh
U.S. ExFcy Rome	MI 2 ½" min 11.50-12.50	Detroit
U.S. ExFcy Royal Gala	PA 2 ¼" min 16.00	Pittsburgh
Combination U.S. ExFcy-U.S. Fcy McIntosh	NY 2 ¼" min 12.00	Pittsburgh
U.S. Fcy Gala	MI 2 ¼" min/up 12.50-13.00	Chicago
U.S. Fcy Gala	MI 2 ¼" min 10.50-11.00	Detroit
U.S. Fcy Golden Delicious	MI 2 ¼" min 10.50-11.00	Detroit
U.S. Fcy Jonathan	IL 2 ¼" min/up 9.00-10.00	Chicago
U.S. Fcy McIntosh	MI 2 ¼" min/up 10.00-11.00	Chicago
U.S. Fcy McIntosh	MI 2 ½" min 10.50-11.00	Detroit
U.S. Fcy McIntosh	NY 2 ½" min 10.00	Detroit
U.S. Fcy McIntosh	NY 2 ½" min 12.00	Pittsburgh
U.S. Fcy Paula Red	MI 2 ¼" min/up 10.50	Chicago
U.S. Fcy Red Delicious	IL 2 ¼" min/up 9.00-10.00	Chicago
U.S. Fcy Red Delicious	MI 2 ¼" min/up 10.00-11.00	Chicago
U.S. Fcy Red Delicious	MI 2 ¼" min 10.50-11.00	Detroit
U.S. Fcy Rome	MI 2 ¼" min/up 10.00	Chicago
U.S. Fcy Red Rome	NY 2 ½" min 12.00	Pittsburgh

Bushel cartons loose

U.S. Fcy Gala	MI 2 ¾" up 12.00	Detroit
U.S. Fcy Golden Delicious	MI 3" min 10.00-12.00	Detroit
	MI 2 ¾" up 8.00-13.00	Detroit
U.S. Fcy McIntosh	MI 2 ¾" up 12.00	Detroit
U.S. Fcy Red Delicious	MI 3" min 10.00	Detroit
U.S. Fcy Red Delicious	MI 2 ¾" up 8.00-12.00	Detroit
No grade marks Jonathan	IL 2 ¼" min/up 9.00	Chicago

Bins per 5# bag

Combination U.S. ExFcy-U.S. Fcy McIntosh	PA 2 ¼" up 1.67	Pittsburgh
Red Delicious	PA 2 ¼" up 1.67	Pittsburgh
Rome	PA 2 ¼" up 1.67	Pittsburgh

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, and consideration must be given to marketing costs,

including 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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Keith L. Smith, Associate Vice President for Ag. Adm. and Director, OSU Extension.

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