

Kentucky Fruit Facts

January 2005 (1/05)

Fruit Facts can be found on the web at: <http://www.ca.uky.edu/fruitfacts/>

John Strang, Extension Fruit Specialist, Editor
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Fruit Crop News

John Strang, Extension Horticulturist

It's 2005 and we are preparing for another fruit production season. Since we never seem to have average weather in Kentucky, this year started out as expected, atypically. The early January warm up made us feel like we had experienced a two week vacation in the South and was a nice surprise. However, by this time all of our woody plants had received sufficient chilling and they decided that spring was just around the corner. Most fruit crops have undergone some major dehardening. I noted some early spring flowering shrubs blooming here in Lexington the second week in January. Hopefully, it will stay cold for awhile to reharden our fruit crops some and we won't have any polar expresses that drop our temperatures into the sub-zero range. At this point I have seen some primary and secondary



bud death on grapes in Campbell County, but feel that most fruit types have a full crop of live flower buds.

Many of you have no doubt heard that soybean rust will most likely be a problem for soybean growers this season. Since soybean growers have not had to control rust in soybeans up to this point, it is forecast that there will be a high demand for pesticides to control this problem.

Soybean rust will show up in the south first and these growers will have first priority for these fungicides. **The fungicides that will be used to control soybean rust are, Bravo, Quadris, Amistar, Nova, Endura, and Cabrio. If you require any of these fungicides in your fruit and vegetable operation and do not have this years supplies purchased, you would be well advised to obtain what you need for the 2005 season now.**

This years Kentucky Fruit and Vegetable Grower Conference the first week of January turned out to be the largest meeting that the associations have ever had with 405 registrants. We had many outstanding speakers and all the work that many of you put into the meeting is

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highly appreciated. Next years meeting is scheduled for Tuesday, January 10 and Wednesday January 11 again at the Holiday Inn North in Lexington.

This is a good time to make equipment repairs, order plants and seed, take soil tests, watch for and control orchard vole buildups, and make plans for the coming season.

Upcoming Meetings

Jan. 24, Kentucky State Park Restaurant Grower Produce Purchasing Program Informational Meeting.

Location: Cumberland Falls State Resort Park, Laurel County. 6:00 p.m. (Also, covers Pine Mountain State Resort Park.) Contact: Bonnie Sigmon, 606-864-4167.

Jan. 27, Vegetable Production Meeting, High Tunnel Production, Farmer Market Programs, Mini-Watermelon Varieties, Gummy Stem Blight and Other Diseases of Cucurbits, Fairview Produce Auction, Fairview. Contact James Stone 270-886-6320.

Jan. 28, Farmer's Market - Disease Control in Vegetable Specialty Crops-Gourds, Ornamental Corn and Pumpkins, Warren County Extension Office, Bowling Green. Contact Joanna Coles or Carol La Faver 270-842-1681.

Jan. 28, Kentucky State Park Restaurant Grower Produce Purchasing Program Informational Meeting for Barren River State Resort Park in conjunction with Regional Vegetable Production Meeting. Location: Warren County Extension Office, Bowling Green KY. Time: 9 a.m. - 3 p.m. Contact: Carol LaFaver, 270-842-1681.

Feb. , TBA. Kentucky State Park Restaurant Grower Produce Purchasing Program Informational Meeting for Lake Cumberland State Resort Park. In conjunction with the Russell County Farmers Market Meeting. Location: Russell County Extension Office, Russell Springs KY. Contact: Raymond Thompson, 270-866-4477.

Feb. , TBA. Kentucky State Park Restaurant Grower Produce Purchasing Program Informational Meeting for Rough River State Resort Park. In conjunction with

the Breckenridge County Farmers Market Meeting. Location: Breckenridge County Extension Office, Hardinsburg KY. Contact: Carol Hinton, 270-756-2182.

Feb. 1, Southern Illinois Tree Fruit School, Holiday Inn, Mt. Vernon, IL. Contact Elizabeth Wahle 616-692-9434, e-mail: wahle@uiuc.edu, web: <http://web.extension.uiuc.edu/regions/hort/>

Feb. 4 , Commercial Vegetable Production Seminar, Boone County Extension Office, Burlington. 9:00 a.m. - 4:00 p.m. Contact Mike Klahr 859-586-5101.

Feb. 5-7, 20th Annual Mid-America Wine & Grape Conference, Tan-Tar-A Resort, Osage Beach, MO. Conference Fee, \$125, Pre-Conference Rootstock Symposium \$75, meals not included in fees, Late Registration \$100 after Jan. 21. The program covers Rootstock Selection for Eastern Vineyards, Pruning and Training Chambourcin and Chardonal, Maximizing Color in Warm Climates, Crossflow Micropore Filtration, wine tasting and much more. Contact Denise 800-392-WINE or 573-751-3374.

Feb. 9, Southern Illinois Vegetable School, Holiday Inn, Mt. Vernon, IL. Contact Elizabeth Wahle 616-692-9434, e-mail: wahle@uiuc.edu, web: <http://web.extension.uiuc.edu/regions/hort/>

Feb. 10-12, 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 web: <http://www.nafdma.com>

Feb. 16-19, Joint Meeting of the North American Strawberry Growers Association and North American Bramble Growers Association, Nashville, TN. Contact Debby Wechsler, North American Bramble Growers Association, 919-542-3687; e-mail: nabga@mindspring.com; www.nabga.commailto:nabga@mindspring.com;

Feb. 18-19, Tennessee Viticultural and Oenological Society, Airport Marriott Hotel, Nashville, TN. Contact Don Spurgeon, President Tennessee Viticultural and Oenological Society. 615-834-1430.

Feb. 21, Laurel County Fruit Pruning Demonstration and Grafting Workshop, London. Contact: Glenn Williams or Bonnie Sigmon 606-864-4167.

Feb. 21, Whitley County Fruit Pruning Demonstration and Grafting Workshop, Williamsburg. Contact: Phillip Meeks, 606-549-1430.

Feb. 25-26, Shakertown Home Fruit Production Weekend - Emphasizing Heirloom Fruit, Shaker Village of Pleasant Hill, 3501 Lexington Road, Harrodsburg, KY 40330. Cost is \$60 which includes Saturday breakfast and lunch. Call 1-800-734-5611 Ext. 113 to register for the program, and to make room or additional meal reservations. Refer to program in this newsletter.

Feb. 25, Northern Piedmont Specialty Crops School, Person County Cooperative Extension Service office, 304 South Morgan Street, Roxboro, NC. The school will focus on marketing. The keynote speaker will be Chef Harvey Christie, who manufactures gourmet food products in Romney, WV with purchased raw products from growers. Registration is \$25 for the first person in the family or business and \$15 for the second individual and this includes lunch. Contact Carl Cantaluppi at 919-063-1350 or E-mail: carl_cantaluppi@ncsu.edu.

Feb. 26, Kentucky Beekeeping School, Woodford County High School, Versailles. The program will run from 8:30 to 3:30 p.m. and there is a \$10 advance registration fee, which includes lunch. There will be two educational tracks running with as many as 20 different classes. For further information see: http://www.kyagr.com/cons_ps/bees/index.htm

Mar. 1-2, Illinois Small Fruit and Strawberry Schools, Holiday Inn, Mt. Vernon, IL. Contact Elizabeth Wahle 616-692-9434, e-mail: wahle@uiuc.edu, web: <http://web.extension.uiuc.edu/regions/hort/>

Mar. 3, Ginseng Production, Warren County Extension Office, Bowling Green. Contact Joanna Coles 270-842-1681.

Mar. 5, Kentucky Vineyard Society Grape Pruning Demonstration, U.K. Research and Education Center, Princeton. 1:00 p.m. Contact: Joe Masabni 270-365-7541 ext. 247.

Mar. 8, Tree and Small Fruit Pruning Demonstration, Estill County, 4:00-6:00 p.m. Contact Eric Baker; 606-723-4557.

Mar. 10, Boone County Grafting and Budding Workshop, Boone County Extension Office, Burlington. 6:30 p.m. Contact: Mike Klahr 859-586-6101

Mar. 11, Apple Grafting Workshop, Jessamine County Extension Office, Nicholasville, 6:30 p.m. Contact: Robert Amburgey, 859-885-4811.

Mar. 12, Kentucky Vineyard Society Grape Pruning Demonstration, U.K. Horticultural Research Farm, Lexington. 1:00 p.m. Contact: John Strang 859-257-5685.

Mar. 15, Small Fruit Production, Blueberry Emphasis. Harlan County Extension Office, Harlan KY 6:00 p.m. Contact: Jeremy Williams, 606-573-4464.

Mar. 17, Blackberry Production Basics for New and Experienced Growers, Nicholas County Extension Office, 368 East Main St., Carlisle, KY 40311. 6:30 p.m. Contact Mike Phillips 859-289-2312.

Mar. 19, Kentucky State Beekeepers Assoc. Spring Conference, KSU Farm, Mills Lane, Frankfort. Guest Speaker Maryann Frazier, Senior Extension Associate, Dept of Entomology, Penn State University.

Apr. 23, Kentucky Nut Growers' Association Spring Meeting, Elizabethtown Extension office, Elizabethtown. 9:00 a.m. Contact: Kirk Pomper 502-597-5942, e-mail: kpomper@dcr.net

Jun. 15, Woody Cut Stem Field Day, U.K. Horticultural Research Farm, Lexington. Contact: Amy Fulcher 859-257-1273, e-mail: afulcher@uky.edu

Jun. 18, Kentucky Vineyard Society Summer Meeting, Talon Winery, Lexington. Contact John Pitcock, Talon Winery Winemaker, 502-229-0334.

Jul. 28, U.K. Research and Education Center All Commodity Field Day, Princeton

Jan. 10-11, 2006, Kentucky Fruit and Vegetable Grower Conference and Trade Show, Holiday Inn North, Lexington, KY. Contact: John Strang 859-257-5685, e-mail: jstrang@uky.edu

2005 Commercial Fruit Spray Guides and 2004 Research Report are Printed

The 2005 Commercial Tree Fruit Spray Guide (ID-92), Midwest Commercial Small Fruit and Grape Spray Guide (ID-94) and 2004 Fruit and Vegetable Crops Research Report (PR-504) are now printed and should be available through your local county extension office over the next month. There is no charge for these publications.

These are not on our Horticulture Department web page as yet, but may be found in the future at: <http://www.uky.edu/Ag/Horticulture> Click on Commercial Horticulture and then Fruit.

Insecticide/Miticide Changes To Small Fruit Spray Guide

by Ric Bessin, Extension Entomologist

There have been a number of insecticide/miticide recommendation changes to the Small Fruit Spray Guide, ID-94. In this article, I'll summarize those changes for insect and mite control for grapes, blueberries, bramble crops, and strawberries.

Grapes

The insecticide/miticide Pyramite 60 WP has been replaced with another insecticide/miticide with the same active ingredient, pyridaben. The new product, Nexter 75 WP, is also a wettable powder, but is formulated at a higher concentration. Nexter 75 WP has the same uses as Pyramite 60 WP, but the ranges of rates are different. Nexter 75 WP can be used on grapes.

The insecticide Guthion 50 WP that was being phased out has been replaced with Guthion 2 L. As the formulation is different, the rates listed in the guide have changed.

Entrust 80 WP has been included for control of leafrollers and grape berry moth on grapes, but it is only for use in a few states, not Kentucky. In those states where it is cleared, Entrust 80 WP is OMRI approved for organic production. Entrust 80 WP can be used on blueberries and strawberries in Kentucky.

There is a new miticide for grapes, Fujimite 5 EC. This product is included in the sections on mites, grape mealybug, and leafhopper control. Efficacy ratings are not included in Table 3 as no data are available from the lower Midwest.

There is a new formulation of chlorpyrifos, Lorsban 75 WP. Like Lorsban 4 E, this can be used for grape rootworm control in grapes.

Blueberries

The insecticide Guthion 50 WP that was being phased out has been replaced with Guthion 2 L. As the formulation is different, the rates listed in the guide have changed. There was a mistake with the maximum amount that could be used per season. That has been corrected and is listed as 127 fl oz per season. The old guide listed the limit incorrectly as 27 fl oz per season.

Provado 1.6 F has been included for Japanese beetle and blueberry maggot control. Note that Provado 1.6 F is labeled for blueberry

maggot control only in some states, and Kentucky is not included in that list. It can be used for Japanese beetle control on blueberries in Kentucky.

Blackberries and Raspberries

The insecticide Guthion 50 WP that was being phased out has been replaced with Guthion 2 L. As the formulation is different, the rates listed in the guide have changed.

Asana XL, Brigade 10 WSB, and Discipline 2 EC have been included for leafroller control. Brigade is also listed for mite control on bramble crops. Align (azadirachtin) has been replaced with Aza-Direct for leafroller control as Align is no longer available.

Guthion Solupak is now listed along with Sniper 2 E for raspberry crown borer control. Both these products have azinphosmethyl as their active ingredient.

Strawberries

The insecticide Guthion 50 WP that was being phased out has been replaced with Guthion 2 L. As the formulation is different, the rates listed in the guide have changed.

The new formulation of chlorpyrifos, Lorsban 75 WP, is now included for strawberry clipper control on strawberries. Lorsban 4 E can still be used for clipper control as well.

Kentucky Farmers' Market Manual Available

Janet Eaton, Farmers' Market Specialist, Division of Markets, State Department of Agriculture and Mark Reed, Department of Public Health, Food Safety Branch have cooperated in releasing the new 2005 Kentucky Farmers' Market Manual, which is available on the web at: <http://www.kyagr.com> From this web site, click on "Farmers' Markets" on the drop down menu. Here you will find a link to the manual (down below the text in the middle of the page).

This manual is 65 pages and is an excellent source of information on market organization and rules, resource people, Health Department regulations on eggs, honey and processed products, Electronic Benefit Transfer (ETB), Kentucky State Parks direct sales, insurance and much more. Only a limited number of the manuals are being printed to facilitate updates.

Shakertown Home Fruit Production Weekend – Emphasizing Heirloom Fruit

Training conducted by Dr. John Strang
Extension Fruit & Vegetable Specialist
UK Department of Horticulture

Friday February 25

7:00 pm Home Tree Fruit Production (Apples, Pears, Peaches, Plums & Cherries)
Topics will include: Site selection, Varieties, Soil preparation, Planting, Pruning, Spraying, Harvest, and Storage

9:00 pm Retire

Saturday February 26

8:00 am Breakfast

9:00 am Small Fruit Production for the Backyard Gardener
Topics will include: Blackberries, Raspberries, Blueberries, Gooseberries, Currants, and Strawberries

11:00 am Apple, Pear, Peach, Grape and Gooseberry Pruning Demonstration

12:00 pm Lunch

1:00 pm Home Grape Production for Jelly, Juice and Wine

2:00 pm Apple Tree Grafting and Budding Workshop

Participants will take home an heirloom apple tree or two that they graft. (Choose from the heirloom varieties Arkansas Black, Maiden Blush, July Tart, Bonnies Best or more recent releases like Chesapeake, Golden Delicious, Mollies Delicious, Fuji or several others.)

4:00 pm Conclude

Cost-Share Funding Easier to Obtain Now

Adapted from Kentucky Agricultural News, January 2005

Applications for the Kentucky Department of Agriculture advertising and cost-share funding programs have been made more user friendly. Producers may now apply for cost-sharing funds through September for eligible expenses incurred at anytime during the calendar 2005 season. The new process eliminates the need for applicants to fit their expenditures into a specific period of time, or round.

The advertising cost-share programs provide a dollar-for-dollar match to assist marketers in advertising and promoting the sales of Kentucky-grown horticulture products. Producers can receive a cost-share match of up to \$4,000 per calendar year. All advertisements must contain the "Kentucky Proud" logo to qualify. The program can help pay for signs, placemats for restaurants, radio spots, business cards, flyers, newspaper ads and other items.

The market development program has been revamped to support the development and improvement of new and emerging markets for Kentucky horticulture products. Market development cost-share funds now may be applied to trade shows, selected conferences and targeted marketing meetings. A trade show visit may be funded for up to \$1,500 with the applicant providing 25 percent of the total cost. The program offers dollar-for-dollar matching funds for market development meetings (up to \$1,000) and conferences (up to \$750).

To obtain an application, contact the Division of Value-Added Plant Protection at 502-564-4983 or log on to the Kentucky Department of Agriculture web site at www.kyagr.com and click on Horticulture on the pull-down menu.

These programs are funded through Agricultural Development Board tobacco settlement funds by a grant from the Kentucky Horticulture Council.

Need Honeybees for Pollination?

If you are planning to rent honeybees for pollination and need a source, contact Kent Williams, President of the Kentucky Pollination Association at 270-382-2348, e-mail: kvwilliams@wk.net. Kent will provide you with a list of beekeepers in your area that will rent hives.

Kentucky Farm Bureau's Certified Roadside Farm Market Program

by J. K. Henshaw, Director of Commodity Relations, Kentucky Farm Bureau Federation

Bringing more customers to your market is the purpose of the Kentucky Farm Bureau's Certified Roadside Farm Market Program. By collectively advertising we can help you reach more customers for your market for a fraction of the cost of advertising individually.

A featured promotion of vineyards and wineries is a natural fit for our promotional programs. Services provided last year included color advertising that reached 1.6 million households; internet listings at <http://www.kyfb.com>; feature articles in Kentucky newspapers; 40,000 roadside brochures; 15 different fruit and vegetable crop brochures containing recipes, storage tips and handling instructions for handout at markets; educational marketing tours; and our Attractions and Festivals guides. We plan to offer similar programs again this season.

This year we are looking for more opportunities to work with each member market, targeting local media outlets for promotion and agri-tourism development. All of these services are available to members of the Certified Roadside Farm Market Program at the cost of \$250 per market per year.

If you have an interest in expanding your customer base and increasing sales contact J. K. Henshaw for more information by February 25. Phone: 502/495-5106.

John Strang
Extension Fruit & Vegetable Specialist