

# Kentucky Fruit Facts

November 2004 (11/04)

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

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Karen Shahan, Staff Assistant

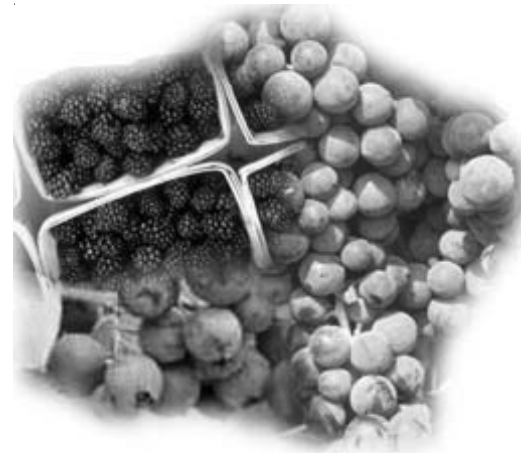
## Fruit Crop News

*John Strang, Extension Horticulturist*

We have had a very mild fall and fruit crop winter hardiness development has been good. The National Weather Bureau forecast is for below normal temperatures and precipitation for the December to February period. Thus, we are entering a weak to moderate El Nino phase.

The total U. S. Apple crop this year has been estimated to be 225 million boxes and this estimate includes both fresh and processed apples. The record crop in 2000 was 252 million boxes according to the Eugene Register Guard.

There are still a number of jobs to do this fall in the orchard. November is a good time to treat for voles and to protect trees from rabbit injury. Mow the grass short in the orchard, chop up any apples on the ground and reduce the vegetation in fence rows if possible to reduce rodent cover. A rotenticide should be applied prior to the expectation of several days of rain free weather. Place bait under shingles, boards or some other type of shelter for surface-feeding voles and drop the bait down active breather holes for pine voles. There is still time to apply



Carbamate, Bravo or copper sprays to peach trees to control peach leaf curl for the coming season. Strawberries should be mulched when the night temperature is expected to reach 20°F and the leaves are beginning to change from green to gray. This usually occurs around mid-December in Kentucky. Don't forget to winterize your sprayer.

This will be the last Fruit Facts issue for 2004. HAPPY HOLIDAYS!

## Upcoming Fruit & Vegetable Meetings

**Dec. 12-14, 2004 Tennessee Fruit and Vegetable Association Conference**, Airport Marriott, Nashville, TN. Contact Dave Lockwood 865-974-7431, e-mail [dlockwood@utk.edu](mailto:dlockwood@utk.edu)

**Jan. 3-4, 2005 Kentucky Fruit and Vegetable Conference and Trade Show**, Holiday Inn North, Lexington, KY. Contact John Strang 859/257-5685. See program below or it can be found on the web at: <http://www.uky.edu/Ag/Horticulture/meetings.html>

**Jan. 5-6 Southeastern Apple Growers Conference**, Holiday Inn Sunspree Resort, Asheville, NC. Contact Dave Lockwood 865-974-7431, e-mail: [dlockwood@utk.edu](mailto:dlockwood@utk.edu)

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- 5 -- Kentucky Fruit and Vegetable Conference and Trade Show

**Jan. 6 How to Pass a Third Party Audit School**, Cunningham Center, Kinson, NC. If 10 registrants sign up, the school will be held and there will be registration and materials fees. Contact Dennis Osborne 919-515-1184; e-mail [Dennis.Osborne@ncsu.edu](mailto:Dennis.Osborne@ncsu.edu)

**Jan. 12-13 Illinois Organic Production Workshop**, Holiday Inn Normal IL. Registration \$75 in advance or \$100 at the door. Contact Dan Anderson 217-333-1588.

**Jan. 19 In-Depth Fruit School on Fire Blight, Apple Scab and Cherry Leaf Spot**, Adams County Agricultural and Natural Resources Center, 670 Old Harrisburg Rd., Gettysburg, PA. Cost \$40/person, which includes lunch and the educational packet. Registration fee must be prepaid at the time of registration. Contact Sharon Baker 717-334-6271, ext.348; e-mail: [slb37@psu.edu](mailto:slb37@psu.edu)

**Jan 19-21 Ohio Fruit and Vegetable Growers Congress/Ohio Direct Marketing Conference**, Toledo SeaGate Center. Contact Tom Sachs 614-246-8292; e-mail: [growohio@ofbg.org](mailto:growohio@ofbg.org)

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

**Feb. 9 Southern Illinois Vegetable School**, Holiday Inn, Mt. Vernon, IL. Contact Elizabeth Wahle 616-692-9434, e-mail: [wahle@uiuc.edu](mailto: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](mailto: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](mailto:nabga@mindspring.com); [www.nabga.commailto:nabga@mindspring.com](http://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.

**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](mailto:wahle@uiuc.edu), web: <http://web.extension.uiuc.edu/regions/hort/>

## **Season Summary and Fruit and Nut Crop Estimates, 2004**

*by Joe Masabni, John Strang, Ric Bessin and John Hartman, Extension Horticulturists, Entomologist, and Plant Pathologist, respectively*

The 2004 growing season in Kentucky provided mostly cooler than normal temperatures and above normal rainfall, however these observations varied by location. The coldest temperatures occurred in January and ranged from -12° F in northern Kentucky to 4° F in the west. There were few significant late spring frosts and apricot trees even fruited in western Kentucky. In central Kentucky, normal temperatures prevailed most months except for above normal temperatures in March and May and cooler than normal in July and August. Indeed, in this region, there were no days with 90° F or greater temperatures (normal is 17 days). Rainfall in central Kentucky was normal during most months, but was above normal during May - August. In western Kentucky, except for a wet May, rainfall was mostly normal for the first part of the season, but the area was 11 inches below normal by October. In eastern Kentucky, May, June, and September were wet, but July and August were dry. With wetness affecting disease development, the percentage of days with rain in Kentucky averaged about 35% statewide during April (43% in some regions), 45% in May (52%), 38% in June (60%), and 38% in July (58%). Thus, there were ample opportunities for rain-based plant disease development. Western Kentucky was very dry in August and September. Japanese beetle levels in the central and eastern portion of the state were generally low to moderate with a few hot spots. In the western half of the state Japanese beetle numbers ranged from low to high depending on location.

Most growers reported excellent crops with outstanding fruit color, however several growers had significant hail losses. Harvest generally ran about a week earlier than normal.

## **Apples**

Kentucky growers produced an apple crop that averaged about 90% of normal. However, this ranged from 100% for most growers to 70% for a few growers. Poor pollination conditions due to rain reduced fruit set for some growers. Fruit color and size were exceptional. Cork spot and bitter pit were more apparent due to large fruit size. Apple sales were generally good.

High levels of apple scab, cedar apple rust, and frog-eye leaf spot were observed. With warm spring temperatures, fire blight was observed frequently, but was not thought to be severe. Sooty blotch and flyspeck appeared early in the season. Powdery mildew was also frequently observed.

Imidan and Guthion resistant codling moths were found in far western Kentucky this season. Oriental fruit moth is a serious problem in some central Kentucky orchards, particularly where Imidan and Guthion are relied upon for codling moth control. European red mite levels were again low in Kentucky.

## **Stone Fruit**

The peach crop was estimated to be about 90% of normal. Size and color were excellent. Peach leaf curl, brown rot, and scab were common. A new and difficult to manage peach fruit rot caused by a species of *Colletotrichum* continues to expand in western Kentucky, appearing more frequently and in more orchards. Brown rot of plums and cherries and cherry leaf spots were observed frequently.

## **Pears**

The European pear crop was about 95% of normal and Asian pears were 100% of a normal crop. Pears were observed with fire blight, leaf spot, and thread blight. Stink bugs continue to be a problem in Asian pears.

## **Pawpaws**

Pawpaws produced a full crop, however phyllosticta leaf spot was common, causing fruit discoloration and cracking.

## **Strawberries**

The strawberry crop was estimated to be about 70% of normal, and many growers experienced substantial losses to fruit rots. Fruit sugar content was excellent despite the rain. *Mycosphaerella* leaf spot was frequently observed. Fruit and crown anthracnose were also problematic.

## **Brambles**

Raspberries, thorny and thornless blackberries had 100% crops. Rain during the season substantially reduced shelf life for fresh market berries. Blackberry rosette appeared in most regions of the state. Raspberry *Phytophthora* root and crown rot was commonly found.

## **Grapes**

The grape crop was 80 % of that expected for many growers. Rain caused poor pollination for some growers in some varieties, while others lost fruit to disease caused by inadequate spray schedules. The dry fall helped increase sugar contents and most growers and wineries were very happy with fruit quality.

Black rot, anthracnose and downy mildew were widespread, primarily in vineyards managed by inexperienced growers. Downy mildew as severe, late in the season.

Birds, wild turkeys, deer and Green June beetles were a serious problem for some growers. Grape root borer appears to be on the increase as many of the new grape plantings begin to reach maturity.

## **Blueberries**

Blueberries produced a full crop this season. Bird problems were normal. Several kinds of stem canker diseases were diagnosed on blueberries.

## **Nut Crops**

Nut crops had serious problems with pollination and squirrels. The central and mid western parts of the state had particularly poor crops.

## 2004 Percentage of Normal Full Crop for Kentucky

<b>Fruit</b>	<b>Percent of Full Crop</b>	<b>Range(%)</b>
<b>Tree Fruit</b>		
Apples	90	50 - 100
Pawpaws	100	
Peaches	90	50 - 100
Pears, Asian	100	
Pears, European	100	
Plums, European	100	
Plums, Japanese	20?	
<b>Small Fruit</b>		
Blackberries, thorny	100	90-100
Blackberries, thornless	100	
Blueberries	100	
Grapes	80	20 - 100
Raspberries, fall	100	
Raspberries, spring	100	
Strawberries	70	
<b>Nuts</b>		
Chestnuts	100	90-100
Heartnuts	80	
Hickory, Shagbark	60	0-100
Hickory, Shellbark	60	0-100
Hicans	60	0-100
Pecans	60	0-100
Walnuts, Black	60	0-100
Walnuts, Persian	80	

# 2005 Kentucky Fruit and Vegetable Conference and Trade Show

JANUARY 3-4, 2005

Holiday Inn North  
1950 Newtown Pike, Lexington, Kentucky 40511  
(859) 233-0512      =====      FAX (859) 253-1505

## Meeting Outline

### Sunday, January 2

7:00-10:00 p.m. Exhibitor Set-up

### Monday, January 3

8:00 a.m. Exhibits Open  
9:00 a.m. KSHS-KVGA Joint Session ..... Belmont & Preakness Rooms  
10:30 a.m. Break  
11:00 a.m. KSHS-KVGA Joint Session  
Noon Exhibitors & Growers Luncheon ..... Holidome  
1:30 p.m. Concurrent Sessions  
          Commercial Tree Fruit ..... Belmont Room  
          Greenhouses ..... Derby Room  
          Vegetable IPM ..... Preakness Room  
          Farmers' Markets ..... Man-O-War & Secretariat Rooms  
2:30 p.m. Break  
5:15 p.m. Exhibits Close  
5:15 p.m. Wine Tasting ..... Man-O-War Room  
6:15 p.m. Banquet ..... Derby Room  
8:30 p.m. Board Meeting (KVS) ..... Claiborne Room

### Tuesday, January 4

8:00 a.m. Exhibits Open  
8:30 a.m. **Concurrent Sessions**  
          Tree Fruit IPM ..... Belmont Room  
          Heirloom Vegetables & Specialty Crops ..... Derby Room  
          Vegetable Production ..... Preakness Room  
          Grape & Wine Short Course ..... Man-O-War Room  
          Woody Cut Stems ..... Claiborne Room  
10:00 a.m. Break  
11:40 a.m. Lunch on Your Own  
1:30 p.m. **Concurrent Sessions**  
          Small Fruit Production ..... Belmont Room  
          Food Safety & Cooperative Marketing..... Derby Room  
          Organic Farming & Gardening ..... Preakness Room  
          Grape & Wine Short Course ..... Man-O-War Room  
          Woody Cut Stems ..... Claiborne Room  
2:15-2:30 p.m. Break  
3:00 p.m. Exhibit Hall Closes

*All Times Are Eastern Standard Time*

**SUNDAY, JANUARY 2**

7:00-10:00 p.m. Exhibitor Set-up, Lobby

**MONDAY, JANUARY 3**

8:00 a.m. Exhibits Open, Lobby  
8:00 a.m. Coffee, Lobby  
8:30 a.m. Registration, Lobby in front of Preakness Room

Meeting registration plus one-year membership in either the Kentucky Vegetable Growers Association or Kentucky State Horticultural Society is \$25.00. Please see the registration form for the Kentucky Vineyard Society and the organic farming and gardening sessions registration.

**(1) KSHS - KVGA JOINT SESSION**

9:00 a.m., Belmont and Preakness Rooms  
John Bell, Presiding

8:50 a.m. **Welcome** - Walter Mathis  
9:00 a.m. **Horticulture Council Update**  
- Dewayne Ingram, Brent Rowell, and John Strang  
9:30 a.m. **Kentucky Department of Agriculture Produce Marketing Update**  
- Michael Judge and Mac Stone  
10:00 a.m. **The Market for Specialty Products**  
- Tom Knox  
10:30 a.m. Cider/Coffee Break and Visit Exhibits - Lobby  
11:00 a.m. **Model Programs Update and the Agriculture Finance Corporation**  
- Keith Rogers  
11:30 a.m. **Marketing Produce Through the State Parks**  
- Bob Perry  
12:00 noon **EXHIBITORS AND GROWERS LUNCHEON** - Holidome  
(Deli Buffet, Soup du Jour, salads, cold meats and cheese, brownies,  
and a beverage) - Comments - Dewayne Ingram  
12:00 noon **KVGA AND KSHS BOARD MEETINGS**  
Kentucky State Horticultural Society - Holidome  
Kentucky Vegetable Growers Association - Holidome

# MONDAY AFTERNOON

## January 3

### CONCURRENT SESSIONS

*Concurrent sessions enable participants to attend topics of interest in different sessions.*

<b>(2) COMMERCIAL TREE FRUIT PRODUCTION</b> <i>1:30 p.m., Belmont Room</i> <i>Greg Whitis, Presiding</i>	<b>(3) GREENHOUSES</b> <i>1:30 p.m., Derby Room</i> <i>Joe Ulrich, Presiding</i>	<b>(4) VEGETABLE IPM</b> <i>1:30 p.m., Preakness Room</i> <i>Nathan Howard, Presiding</i>	<b>(5) FARMERS' MARKETS</b> <i>1:30 p.m., Man-O-War &amp; Secretariat Rooms</i> <i>Janet Eaton, Presiding</i>
1:30 pm <b>New Products for Worm Control in Apples</b> - Ric Bessin	1:30 pm <b>How Greenhouses Work -- Structures</b> - Bob Anderson	1:30 pm <b>Phytophthora Management in Bell Peppers</b> - Wesley Kline	1:30 pm <b>Community Supported Agriculture 101</b> - Robin Verson, Ralph and Kathy Packard
2:00 <b>NC-140 Apple Rootstock Evaluations at the UKREC</b> - Joe Masabni	2:00 <b>How Greenhouses Work -- Heating and Cooling</b> - Bob Anderson	2:00 <b>Pumpkin Varieties and Bio-fungicides</b> - Alan Straw	2:00 <b>Business Strategies for Farmers Markets</b> - Heath Hoagland
2:30-3:10    Cider/Coffee Break Visit Exhibits - Lobby	2:30-3:10    Cider/Coffee Break Visit Exhibits - Lobby	2:30-3:10    Cider/Coffee Break Visit Exhibits - Lobby	2:30-3:10    Cider/Coffee Break Visit Exhibits - Lobby
3:10 <b>Tree Fruit Nutrition</b> - Dave Lockwood	3:10 <b>How Greenhouses Work -- Fertilizer and Irrigation Systems</b> - Bob Anderson	3:10 <b>Weed Control in Tomatoes with Sanda</b> - Joe Masabni	3:10 <b>Farmers' Market Competitive Grant Program</b> - Brian Furnish
3:40 <b>Asian Pear Production</b> - Ed Fackler, Dana Reed, and Terry Jones	3:40 <b>Insect Management in Vine Crops</b> - Ric Bessin	3:40 <b>Grower Vegetable Demonstration Plot Results</b> - Shane Bogle, Nathan Howard, Nathan Howell and Dave Spalding	3:40 p.m. <b>Enhancing Alternative Niche Markets and Retail Opportunities</b> - Betty King
4:10 p.m.    KSHS Annual Business Meeting	4:10 p.m.    KVGA Annual Business Meeting	4:10 p.m. <b>Health Department Regulations for Farmers' Markets</b> - Mark Reed	

### MONDAY EVENING, JANUARY 3

5:15 p.m.       Exhibits Close

5:15 p.m.       **CELEBRATION OF KENTUCKY WINES**

Featuring Commercial Kentucky Products

- Man-O-War, Secretariat and Thoroughbred Rooms

Sponsored by the KVS, (Bravard Vineyards & Winery, Broad Run Vineyards & Winery,

Chateau du Vieux Corbeau, Chrisman Mill Vineyard, Equus Run Vineyards,

Felice Vineyard, In Town Winery, LLC, Lovers Leap Vineyards & Winery, Smith Berry

Winery, and Talon Winery.)

The cost is \$5.00 for the tasting.

**BANQUET, Derby Room**

6:15 p.m.

**Speakers:**

Dr. Larry Turner - U.K. Cooperative Extension Service, Associate Dean for Extension,

College of Agriculture and Dr. Gwynn Henderson - *Dispelling the Myth: Prehistoric Indian Life in Kentucky.*

Tickets: \$20.00 in advance including tax and tip.

\*\* This program was funded in part by the Kentucky Humanities Council and the National Endowment for the Humanities.

*Menu: Tender Beef Strips in a Red Wine Sauce over Fettuccine Noodles and Green Beans, Garden Fresh Salad, Rolls and Butter, Dessert and a Beverage*

8:30 p.m.

**BOARD MEETING** - Claiborne Room

[Kentucky Vineyard Society]



**Tuesday, January 4**

# CONCURRENT SESSIONS

*Concurrent sessions will enable participants to attend topics of interest in different sessions.*

## **(6) TREE FRUIT IPM**

*Belmont Room*

*Matt Fulkerson, Presiding*

8:30 a.m. **Designing A Pesticide Storage Area**

- Fred Whitford

9:00 Continued

9:30 Continued

10-10:40 Cider/Coffee Break

Visit Exhibits - Lobby

10:40. **Weed Control Trials**

**With Chateau**

- Joe Masabni

11:10 a.m. **Pesticide Update and**

**Apple IPM Program,**

**Roundtable Discussion -**

-- John Hartman, Ric

Bessin, and John Strang

11:40 a.m. LUNCH ON YOUR OWN

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## **(11) SMALL FRUIT PRODUCTION**

*Belmont Room*

*David Appelman, Presiding*

1:30 p.m. **Postharvest Practices for Small Fruit**

- Doug Archbold

2:00 **Mulching Blueberries**

- Update

- Dave Lockwood

2:30-3:10 Cider/Coffee Break

- Lobby

3:10 **Blueberry Production**

**and Variety Trial**

**Results**

- Terry Jones

3:40 p.m. **Blackberry**

**Production and**

**Training**

- John Strang

## **(7) HEIRLOOM VEGETABLES AND SPECIALTY CROPS**

*Derby Room*

*Kathy Keeney, Presiding*

8:30 a.m. **The Economics and Reasons for Raising Heirloom**

**Vegetables** - Brook Elliot

9:00 **Heirloom Beans**

- Bill Best

9:30 **Raising and Marketing Heirloom Tomatoes and Peppers**

- Roger Postley

10-10:40 Cider/Coffee Break

Visit Exhibits - Lobby

10:40 **Just About Everything You**

**Need to Know About**

**Sorghum Production**

- Morris Bitzer

11:10 **Specialty Potatoes**

- April Sataneck

11:40 a.m. LUNCH ON YOUR OWN

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## **(12) FOOD SAFETY & COOPERATIVE MARKETING**

*Derby Room*

*Larry Snell, Presiding*

1:30 p.m. **Vegetable Production & 3rd Party Certification in**

**New Jersey** -Wesley Kline

2:00 **Vegetable Production in**

**Vineland, New Jersey**

- Wesley Kline

2:30-3:10 Cider/Coffee Break

3:10 **Vegetable Cooperative**

**Perspectives and Experiences**

- John Bell and Joe Cecil

3:40 p.m. **Vegetable Marketing Coope-**

**ative 2004 Season Results for**

**the Central Kentucky Growers**

**Assn., Cumberland Farm**

**Products, Green River Produce**

**Marketing Assn., & Western**

**Kentucky Growers Assn.**

Panel discussion

Larry Snell moderator

## **(8) VEGETABLE PRODUCTION**

*Preakness Room*

*Danny Adams, Presiding*

8:30 a.m. **Vegetables and Hydroponics**

- Bob Anderson

9:00 **Vegetable Cultivar Trials**

**Results** - Watermelons,

Specialty Melons, Sweet Corn,

Staked Tomatoes, Potatoes,

and Bell Peppers

- John Strang, Brent Rowell

and Terry Jones

10-10:40 Cider/Coffee Break

Visit Exhibits - Lobby

10:40 **University of Tennessee**

**Tomato and Potato Trials**

- Alan Straw

11:10 a.m. **2004 Produce Buyers Survey**

**and Developing a Kentucky**

**Technology Package for**

***Capsicum baccatum*, Uba**

**Tuba Type**

- Matt Ernst and Angel Santos

11:40 a.m. LUNCH ON YOUR OWN

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## **(13) ORGANIC FARMING AND GARDENING**

*Preakness Room*

*Chris Kring, Presiding*

1:30 p.m. **Edamame Soybeans**

- Season Extension

**Research Results**

- Todd Pfeiffer

2:00 **Companion Planting Studies**

**and The Future of The KSU**

**Organic Program**

- Mike Bomford

2:30-3:10 Cider/Coffee Break - Lobby

3:10 **Pawpaws and the SARE**

**Project**

- Kirk Pomper

3:40 p.m. **Weed Control in Organic**

**Sweet Corn and Potato**

**Production**

- Tony Silvernail



# Tuesday, January 4

8:00 a.m. Exhibits Open, Lobby  
8:00 a.m. Registration, Lobby in front of Preakness Room

## CONCURRENT SESSIONS

*Concurrent sessions will enable participants to attend topics of interest in different sessions.*

### (9) GRAPE & WINE SHORT COURSE

*Man-O-War, Secretariat  
and Thoroughbred Rooms  
Jim Wight, Presiding*

8:30 a.m. **Registration**, Lobby in front  
of Preakness Room  
8:55 **Greetings** - Jim Wight  
9:00 **Disease and Insect Control**  
- John Hartman, Chris Smigell,  
and Ric Bessin  
9:30 **The Fine Points of Pruning**  
- Kaan Kurtural  
10-10:40 Cider/Coffee Break /Visit Exhibits - Lobby  
10:40 **Grapevine Mineral Nutrition**  
- Kaan Kurtural  
11:10 **Vineyard Weed Control with  
Chateau**  
- Joe Masabni  
11:40 Noon LUNCH ON YOUR OWN

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### (14) GRAPE & WINE SHORT COURSE

*Man-O-War, Secretariat and Thoroughbred Rooms  
Chris Smigell, Presiding*

1:30 p.m. **Grape Rootstock Considerations**  
- Sanjun Gu  
2:00 **Managing Crop Load for the  
Upcoming Season**  
- Kaan Kurtural  
2:15 **Cooking with Wine**  
- Sandra Bastin  
2:30-3:10 Cider/Coffee Break - Lobby  
3:10 **Federal and State Regulations  
for Starting a Winery**  
- Jerry Cajka, John Clay, Sandra Watts,  
and Harold Robinson  
3:40 Continued  
4:10 p.m. **Building Your Own Equipment  
and Kentucky Grape and Wine  
Council Update**  
- Jack Hughes and Belita Adams Reed

### (10) WOODY CUT STEMS

*Claiborne Room  
Patti Meads, Presiding*

8:30 a.m. **Marketing Your Cut Stems**  
- Matt Ernst  
9:00 **Designing a Great Bottom  
Line** - Matt Ernst  
9:30 Continued  
10-10:40 Cider/Coffee Break and  
Visit Exhibits - Lobby  
10:40 **Growing Great Transplants**  
- Bob Anderson  
11:10 **Crop Management**  
- **Devising A Growing Plan**  
- Bob Anderson  
11:40 a.m. LUNCH ON YOUR OWN

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### (15) WOODY CUT STEMS

*Claiborne Room  
Carol LaFaver, Presiding*

1:30 p.m. **Identifying Grower Issues**  
- **Hands on Sessions, Diseases  
and Their Management**  
- John Hartman,  
2:00 **Insect Pests and Their Management**  
- Lee Townsend  
2:30-3:10 Cider/Coffee Break  
- Lobby  
3:10 **Evaluating Your Soil**  
- Bill Thom  
3:40 p.m. **Identifying Grower Issues**  
- Open Forum

KENTUCKY FRUIT AND VEGETABLE MEETING - Jan. 3-4, 2005

Holiday Inn North, Lexington, KY

Mark one of the following:

\_\_\_\_\_ ADVANCE REGISTRATION

\_\_\_\_\_ I am not able to attend--please continue my membership(s) as listed below.

\$25 registration per household, maximum of 2 people for the KSHS or KVGA, \$10 for each additional person over 15 yrs. age. Registration allows entrance into any other conference meeting session.

NAME (Please print) \_\_\_\_\_ NO. OF OTHERS ( )

ADDRESS \_\_\_\_\_

CITY, STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE: ( ) \_\_\_\_\_ OCCUPATION/FIRM \_\_\_\_\_

FAX: ( ) \_\_\_\_\_ E-Mail \_\_\_\_\_

I would like to be considered for nomination or recommend \_\_\_\_\_ for the  
 KSHS or  KVGA Board of Directors.

Full membership to Kentucky State Horticultural Society  
(Includes 1-yr membership and fruit meeting registration, \$25/2 people) \$25.00 \_\_\_\_\_

Full membership to Kentucky Vegetable Growers Association  
(Includes 1-yr membership and vegetable meeting registration, \$25/2 people) \$25.00 \_\_\_\_\_

Additional KSHS or KVGA family member registration (\$10/person) \$10.00 \_\_\_\_\_

Registration for the Grape & Wine Short Course plus Celebration of Kentucky Wines, Jan. 3.  
\_\_\_\_\_ Number attending at \$20/person = TOTAL \$ \_\_\_\_\_

Registration for Kentucky Organic Farming and Gardening session  
\_\_\_\_\_ Number attending at \$10/person = TOTAL \$ \_\_\_\_\_

EXHIBITOR/GROWER LUNCHEON -- January 3, 2005 -- 12:00 Noon EST

MENU: Deli Buffet, Soup du Jour, salads, cold cuts, brownies -- Meal tickets are available only through advance registration.

\_\_\_\_\_ luncheon tickets @ \$18.00 each = TOTAL \$ \_\_\_\_\_

I want to register for the Celebration of Ky Wines only, Jan. 3, 5:15-6:15 PM

\_\_\_\_\_ Number attending at \$5.00 each person = TOTAL \$ \_\_\_\_\_

BANQUET: January 3, 2004 / 6:15 p.m. EST \_\_\_\_\_ banquet tickets @ \$21.00 each = TOTAL \$ \_\_\_\_\_

MENU: roast top sirloin of beef served in its natural juices, scalloped potatoes, green beans,  
garden fresh salad, rolls and butter, dessert and a beverage

**Meal prices include meal, tax and tips**

CHECK # \_\_\_\_\_ CHECK AMOUNT \$ \_\_\_\_\_ CASH AMOUNT \$ \_\_\_\_\_

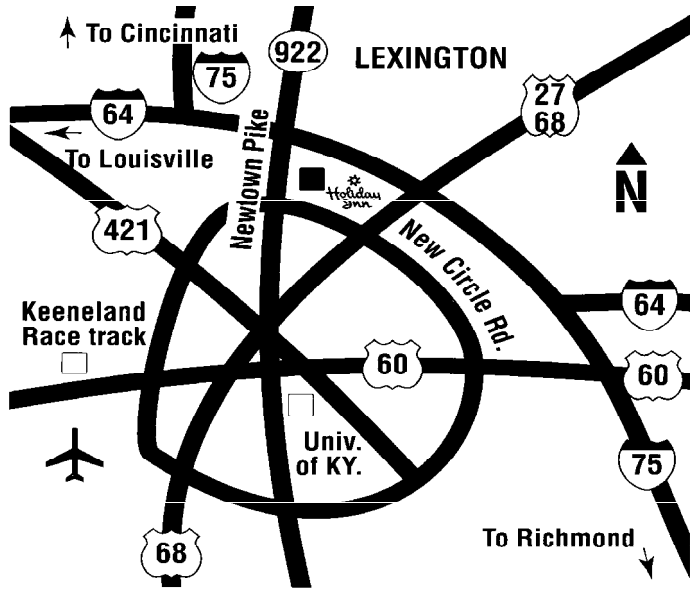
\*\*\*\* Please make CHECKS payable to: **KENTUCKY HORTICULTURE MEETING**

Mail advance registration to: Mary Ann Kelley, REC, P.O. Box 469, Princeton, KY 42445-0469

ADVANCE REGISTRATION MUST BE RECEIVED BY  
MONDAY, DECEMBER 20, 2004 - PLEASE RETURN  
BOTH COPIES OF THE REGISTRATION FORM

\_\_\_\_\_  
Dr. John Strang  
Coordinator

PLEASE LIST THE NAME(S) AS DESIRED ON YOUR NAME BADGE(S) ON THE BACK OF THIS FORM




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John G. Strang,  
 Extension Fruit & Vegetable Specialist

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 University of Kentucky  
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 Ag Distribution Center  
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