



Kentucky Fruit Facts

Research & Education Center

P.O. Box 469, Princeton, KY 42445

Fruit Facts: 2000

November 2000 (11-00)

Prepared by John Strang Terry Jones and Dwight Wolfe, Horticulturists; John Hartman, Extension Plant Pathologist; Ric Bessin, Extension Entomologist; John Brittain, Nolin River Nut Tree Nursery; John Strang, Editor, Marilyn Hooks and Karen Shahan, Staff Assistants

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

Fruit Crop and Weather Situation

Apple growers should have the grass mowed close in their orchards and have poison bait in place for vole control. Young trees should be protected with light colored tree guards or painted white with indoor latex paint to prevent south-west trunk injury.

Peach producers are encouraged to get their peach leaf curl sprays (Ferbam or Carbamate, Ziram, chlorothalonil or fixed copper) on as soon as the leaves drop. This will ensure that the spray gets on before bud swell. Fixed copper compounds applied at leaf fall may improve bacterial spot control by reducing the inoculum that overwinters in leaf scars.

Grape growers that have vinifera grapes should have the graft unions covered with soil for winter protection.

Strawberry growers will want to have weed seed free straw mulch on hand to mulch their plants when the temperature gets down to about 20°F. This is usually in mid December.

The weather patterns resulting from El Nino and La Nina that provided us with relatively mild winters for the last four years have subsided. This could be a cold winter.

Jerry Brown is continuing to improve. He went home the first week in November. His address is 501

South Willow Way, Kuttawa, KY 42055. He hopes to have his voice activated computer set up for e-mail (ellie@apex.net) shortly. Your notes and cards make a big difference. (Strang)

Ag Appropriations Bill Signed by the President

The \$78 billion Ag Appropriations Bill was signed by President Clinton on Oct. 28. A portion of this, \$3.6 billion is designated as direct aid for farmers. U.S. apple growers are to receive \$138 million of which \$100 million is for market loss assistance and \$38 million is for apple crop losses incurred over the last two years. The U. S. Apple Association was instrumental in obtaining this assistance.

The \$100 million is to be spent on apple producers that lost domestic markets as a result of the low priced juice concentrate imported from China and on growers that lost markets due to the Asian financial crisis and trade barriers.

The Secretary of Agriculture is directed to spend \$38 million on apple growers to compensate them for 1999 and 2000 season fruit losses as a result of drought, fire blight, hurricanes and hail. The Farm Service Agency will oversee the distribution of these funds. (Strang)

2000 Season Summary and Fruit and

Nut Crop Estimates

The winter was mild due to La Nina and temperatures were above normal in February and early March leading to an early bloom that was spread out over a long period. Freezes occurred on the mornings of March 29 and April 9th. On April 9th minimum temperatures ranged from 30°F in western Kentucky to 20°F in central Kentucky. Peaches were in bloom and apples ranged from tight cluster to bloom. This severely affected the peach, apple and strawberry crops in many parts of the state.

Weather forecasters predicted a dry summer and we started the year under a mild to moderate drought, but rainfall was adequate to good for most of the summer. Eastern Kentucky experienced excessive rainfall in spring and early summer. Most fruit crops were harvested roughly 10 days earlier than normal.

Japanese beetles continue to move westward, high populations are occurring from Henderson to Owensboro and southward to Russellville. Significance of this pest has dropped in eastern and central Kentucky.

Apples – Kentucky growers produced an apple crop that averaged 75% of normal. However, this ranged from 100% in western Kentucky to 5% in central Kentucky. Fruit color, finish and size were very good for most growers due to the rainfall and a cool fall. Cork spot and bitter pit were present in orchards with lighter crops and ‘Gala’ and ‘Red Delicious’ showed considerable frost ringing. Two growers that were unable to irrigate last season in central Kentucky on drier sites had substantial losses of older trees due to last years drought. One grower noted foliage and fruit burn to ‘Stellar’ after he had used his sprayer to spray his tomatoes with Quadris (Abound in fruit crops). This was an exceptionally good year for apple sales and many growers were looking for fruit to supplement their supplies.

The wet spring weather favored apple diseases such as scab (*Venturia inaequalis*) and the cedar rusts (*Gymnosporangium juniperi-virginianae*, *G. clavipes*, *G. globosum*). Showers and mild weather during bloom in some parts of the state were sufficient to initiate primary infections of apple and pear fire blight, but most regions had very little fire blight. Throughout the spring and into the summer, seasonal rain and long leaf wetness periods increased the incidence and severity of apple scab, frog-eye leaf spot (*Sphaeropsis malorum*), sooty blotch (*Peltaster fructicola*, *Geastrum polystigmatis*, *Leptodontium elatius*, and other fungi) and flyspeck (*Zygothiala jamaicensis*). By season’s end, susceptible unsprayed apples were nearly defoliated by scab and fruits were covered in sooty blotch and flyspeck. Bitter rot (*Colletotrichum gloeosporioides*) was found in some apple orchards.

This was a typical year for codling moth. It was common throughout the state and controlled well in most orchards. European red mite was not much of a problem in most orchards. San Jose scale is becoming more of a problem in Western and Central Kentucky.

Of our major insect pests, this is one that has begun to be more problematic in apples. Apple maggot has been found in central Kentucky in backyard plantings.

Stone Fruit – The peach crop is estimated to be about 60% of normal. Most western Kentucky growers had full to slightly reduced crops, while central, southern and eastern growers froze out.

Japanese plums did not produce a crop, while the European plum crop ranged from 95% of normal in western Kentucky to 5% in central Kentucky.

Early spring weather in Kentucky was fairly rainy, which favored peach leaf curl (*Taphrina deformans*) and plum pockets (*T. communis*). Throughout the spring and into the summer, seasonal rain and long leaf wetness periods increased the incidence and severity of peach brown rot (*Monilinia fructicola*), peach scab (*Cladosporium carpophilum*), and plum leaf spots (*Blumeriella jaapii*, *Xanthomonas campestris* pv. *pruni*).

San Jose scale is becoming more problematic in peaches.

Pears --The European pear crop ranged from 5 to 100% of normal and Asian pears produced from 0 to 100% of a normal crop.

Strawberries – The strawberry crop was estimated to be about 60% of normal due to last years drought and the spring freeze. Crops were also light on fields that were established in 1999 due to the hot dry summer and poor daughter plant production. Strawberry anthracnose (*Colletotrichum acutatum*) and strawberry leaf spot (*Mycosphaerella fragariae*) occurred early in the season.

Brambles – Thorny blackberries produced 90% of a normal crop, while the thornless crop was about 100% of normal. Systemic orange rust (*Gymnoconia nitens*) was devastating to blackberries in some locations. Drought stress the previous season may have resulted in high levels of anthracnose (*Elsinoe veneta*) and other cane cankers on brambles. Blackberry Septoria leaf spot (*Septoria rubi*) and Verticillium wilt (*Verticillium dahliae*) were also observed. Wet weather and poorly drained soils stimulated root rot (*Phytophthora* spp.) of raspberries.

Grapes – The grape crop was estimated to be 100% of normal and birds were a serious problem for some growers. Grape black rot (*Guignardia bidwellii*) and anthracnose (*Elsinoe ampelina*) were prevalent early in the season.

Blueberries – The blueberry crop ranged from 50 to 100% of normal. Several growers that did not irrigate or did not irrigate enough last season had reduced crops and considerable bush die back this season. No unusual disease or insect outbreaks were noted. Bird problems were normal.

The following are this season’s estimates as a percentage of a normal full crop for the state.

WINTER MEETING – Jan 8-9, 2001

145TH ANNUAL MEETING OF THE
KENTUCKY STATE HORTICULTURAL SOCIETY
AND
THE 30TH ANNUAL MEETING OF THE
KENTUCKY VEGETABLE GROWERS ASSOCIATION
AND
THE KENTUCKY GRAPE AND WINE SHORT COURSE

MONDAY AND TUESDAY, JANUARY 8-9, 2001

Holiday Inn North, 1950 Newtown Pike, Lexington, KY
40511; PHONE: (859) 233-0512; FAX: (859) 253-1505

Dear Kentucky Vegetable and Fruit Grower:

The 2001 Fruit and Vegetable Conference and Trade Show will be at the Holiday Inn North, Lexington, KY, Monday and Tuesday, JANUARY 8 and 9, 2001. Highlights of this year's meeting will be sessions on Commercial Fruit and Vegetable Production, Tree Fruit IPM, Direct and Wholesale Marketing, Field Grown Cut Flowers, Organic Farming and Gardening, Small Business Planning, and a Grape and Wine Short Course. Please note that we will again have a Round Table Discussion on Fruit Production the evening of Sunday, January 7th.

We will have a "Trading Post" bulletin board for used equipment. If you have used equipment that you would like to sell, bring along a description containing your name, phone number and the price of your equipment.

Special out-of-state speakers include: Peter Hirst, Extension Tree Fruit Specialist, Department of Horticulture, Purdue University, West Lafayette, IN; Paul Shoemaker, Extension Plant Pathologist, North Carolina State University Mountain Station, Fletcher, NC; Dave Lockwood, Extension Fruit Specialist, Department of Plant and Soil Science, University of Tennessee, Knoxville, TN; Alan Straw, Extension Vegetable Specialist, Department of Plant and Soil Science, University of Tennessee, Knoxville, TN; Bob Schmidt, Roadside Marketer, Maple Lane Farms, Greenback, TN; Albert Coning, Roadside Marketer, Coning Family Farm, Maryville, TN; Patrick Byers, Grower Advisor, Southwest Missouri State University, Mountain Grove, MO and Jim Taylor with Agribuys, a Global E-Procurement Company for the Food Industry, Los Angeles, CA.

We will have both a luncheon and a banquet this year and Lynwood Montell will be our banquet speaker. The KVS will have an optional wine tasting featuring Kentucky wines prior to the banquet.

PLEASE make your room reservations directly with the motel. Our block of rooms will be held until Dec. 26, 2000. **Be sure to let the motel know that you will be staying for the Fruit and Vegetable Conference and Trade Show to obtain our special room rate for a single or double of \$54.00. We must have a set number of sleeping rooms occupied by growers to**

2000 PERCENTAGE OF NORMAL FULL CROP FOR KENTUCKY		
FRUIT	PERCENT OF FULL CROP	RANGE (%)
Tree Fruit		
Apples	75	5 - 100
Peaches	60	0 - 100
Pears, European	5	5 - 100
Pears, Asian	5	0 - 100
Plums, Japanese	0	
Plums, European	30	5-95
Cherry, tart	30	
Small Fruit		
Strawberries	60	
Grapes	100	
Blackberries, thorny	90	
Blackberries, thornless	100	
Raspberries, spring	100	
Raspberries, fall	100	
Blueberries	60	50-100
Nuts		
Chestnuts	80	
Heartnuts	20	0 - 100
Hickory, Shagbark	35	
Hickory, Shellbark	35	
Hicans	5	
Pecans	5	0 - 40
Walnuts, Black	30	10 - 100
Walnuts, English	5	

(Strang, Hartman, Bessin, Wolfe, Jones, Brittain)

avoid paying meeting room charges. The Holiday Inn also has a heated indoor pool.

The \$25 membership in the KVGA or KSHS includes a year membership in either society, registration fees for this meeting and entrance into the Grape & Wine Short Course. Membership in the KVGA also allows growers to use pesticides that have received 24 registrations for Kentucky. Please see the registration form to register for the Kentucky Vineyard Society or the Kentucky Organic Farming and Gardening Sessions.

The enclosed registration form enables you to register in advance so your tickets and name tags will be ready for you when you arrive at the meeting.

NOTE: WE STRONGLY URGE YOU TO PRE-REGISTER, BANQUET AND LUNCHEON TICKETS CAN ONLY BE PURCHASED BY ADVANCE REGISTRATION. NAME BADGES WILL BE REQUIRED TO ENTER MEETING ROOMS THIS YEAR. PRE-REGISTRATION FORMS NEED TO BE IN OUR HANDS BY DECEMBER 15, 2000. If you would like to serve on the KVGA or KSHS boards of directors or would like to nominate another member, please designate this on your registration sheet.

If circumstances are such that you cannot attend the meeting, please complete and return the form to Ms. Mary Ann Kelley, Research & Education Center, P.O. Box 469, Princeton, KY 42445 to continue your membership.

Sincerely,

Alan Taylor, President, KY Vegetable Growers AssoC.
John Schlei, President, KY State Horticultural Society

Meeting Program

All Times Are Eastern Standard Time

SUNDAY, JANUARY 7

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

(1) ROUND TABLE DISCUSSION ON FRUIT PRODUCTION

8:00-10:00 pm Belmont Room
- John Strang - Presiding

8:00-9:00 Apple Flowering, Return Bloom and Management - Peter Hirst

9:00-10:00 pm General Discussion

3:40 Value Added Fruit Products - Billy Reid,

MONDAY, JANUARY 8

8:00 am Exhibits Open, Lobby

8:00 Coffee, Lobby

8:30 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 to sign up for the Kentucky Vineyard Society and the organic farming and gardening sessions.

(2) KSHS - KVGA JOINT SESSION

9:00 am, Belmont and Preakness Rooms
John Schlei, Presiding

8:50 am Welcome - Alan Taylor

9:00 Entertainment Farming at Maple Lane Farms
- Bob Schmidt

9:45 The Horticulture Prospectus and The Tobacco Settlement Trust

- Ottilie Pantle and Dewayne Ingram

10:00 Cider & Coffee Break / Visit Exhibits - Lobby

10:30 Genetically Engineered Fruits and Vegetables
- William Nesmith

11:00 A 30-Year Review of Trellised Tomato Diseases - Paul Shoemaker

11:30 am Capitalizing on Fruit and Vegetable Nutrition
- Sandra Bastin

12:00 noon **EXHIBITORS AND GROWER LUNCHEON** - Holidome

(Deli Buffet, Soup du Jour, salads, cold cuts, brownies, and a beverage) - Comments - Dewayne Ingram

12:00 noon. **BOARD MEETINGS** - Holidome

KY State Horticultural Society

KY Vegetable Growers Association

MONDAY AFTERNOON

4 CONCURRENT SESSIONS

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

(3) COMMERCIAL TREE FRUIT PRODUCTION

1:30 pm, Belmont Room - Edie Greer, Presiding

1:30 pm High Density Apple Tree Training - Peter Hirst

2:00. New Cultivars on the Market

- Ed Fackler, and commercial exhibitors

2:30-3:10 Cider/Coffee Break and Visit Exhibits - Lobby

3:10 Renting Honey Bee Colonies and Maximizing the Survival of Your Own

- Tom Webster

Don Haney, and Kim Jordan

4:10 pm KSHS Annual Business Meeting

**(4) FARMER ENTREPRENEURS,
SMALL BUSINESS PLANNING**

1:30 pm, Derby Room - Tim Woods, Presiding

- 1:30 pm Small Business Management
- Debby McKnight
2:00 Small Business Management continued
2:30-3:10 Cider & Coffee Break // Visit Exhibits -
Lobby
3:10 To be arranged

(5) VEGETABLE PRODUCTION

1:30 pm, Preakness Room - Patti Savage, Presiding

- 1:30 Tomato Fungicide Update
- Paul Shoemaker
2:00 Vegetable Fungicide Update
- William Nesmith
2:30-3:10 Cider & Coffee Break // Visit Exhibits - Lobby
3:10 Bacterial Spot Management in Peppers – A
Team Effort
– Brent Rowell, Terry Jones, William

Nesmith

- 3:40 Cucumber Beetle Control and Impact on
Bacterial Wilt in Cantaloupe
– Ric Bessin and William Nesmith
4:10 Developing Horticulture Labor Certification
Standards for High School Students
- Bruce Metzger
4:30 pm KVGA Annual Business Meeting

(6) ORGANIC FARMING AND GARDENING

1:30 pm, Man-O-War and Secretariat Rooms
Amy Aldenderfer, Presiding

- 1:30 pm Sanitation in Organic Production
- Carol Cassidy
2:00 Interpreting UK Soil Tests and Converting
for Organic Production
- Bill Thom
2:30-3:10 Cider & Coffee Break //Visit Exhibits - Lobby
3:10 The Keeneland Biofermentation Plant
- Ron Gullett
3:25 Operating a CSA
- Chris and Christy Kurrow
3:40 The National Organic Standards and
Kentucky Certification Program
- Hope Crain
4:10 pm Float Bed Lettuce Production With Organic
and Conventional Fertilizers
- Bob Anderson

MONDAY EVENING, JANUARY 8

5:15 pm Exhibits Close

**5:15 WINE TASTING FEATURING
COMMERCIAL KENTUCKY PRODUCTS -**

Man-O-War and Secretariat Rooms
Sponsored by the KVS - Bravard Vineyards & Winery,
Chrisman Mill Vineyard, Equus Run Vineyards,
SpringHill Vineyards and Winery, and Barker's
Blackberry Hill Winery
The cost is \$5.00 for the tasting.

6:15 pm **BANQUET**, Derby Room
Speaker: Lynwood Montell,
Ghost Stories from Across Kentucky

Tickets: \$20.00 **in advance** including tax and tip. (The
banquet helps to defray the cost of the meeting rooms.)
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

8:30 pm **BOARD MEETING**
Kentucky Vineyard Society - Henry Clay Room

TUESDAY MORNING, JANUARY 9

8:00 am **Exhibits Open, Lobby**
8:30 Registration, Lobby/front of Preakness Room

(7) TREE FRUIT IPM

8:30 am, Belmont Room - Chris Lindon, Presiding

- 8:30 Update on Tree Fruit Fungicides and
Insecticides - John Hartman and Ric Bessin
9:00 Orchard Vole Control - Dave Lockwood
9:30 Gala Management, Good and Bad Points
- Peter Hirst
10:00-10:40 Cider & Coffee Break //Visit Exhibits - Lobby
10:40 Best Management Practices for Apple Cider
Production - Joe O'Leary
11:10 Kentucky Apple Food Safety Survey Results
and The 2001 Apple IPM Program,
Roundtable Discussion
- Ric Bessin and John Strang
11:40 am LUNCH ON YOUR OWN

(8) VEGETABLE PRODUCTION

8:30 am, Derby Room - Tom Brass, Presiding

- 8:30 am Green Bean Production for Fresh Market
- Alan Straw
9:00 Greenhouse Basil, Herb, and Lettuce
Production - Dale Bahr
9:30 Cucurbit (Vine Crop) Production - Alan Straw
10:00-10:40 Cider & Coffee Break //Visit Exhibits - Lobby
10:40 Vegetable Cultivar Trials Results

- Terry Jones, Brent Rowell, John Strang,
and Sharon Bale
11:40 a.m. LUNCH ON YOUR OWN

(9) DIRECT MARKETING AND THE WEB

8:30 am, Preakness Room - Matt John, Presiding

8:30 am Kentucky Farmers Market Network
- Anna Sidebottom and Elizabeth Smith
9:00 Marketing Experiences Using An Off-Farm
Market - Dale DePoyster
9:30 Coning Family Farm Fruit and Vegetable
Marketing - Albert Coning
10:00-10:40 Cider & Coffee Break // Visit Exhibits - Lobby
10:40 Selling Crafts Through A Farm Market
- Kathy Dennison
11:10 Web Sites for Fruit And Vegetable Growers
- Anna Sidebottom
(You will be able to create your own web site on

the State Department of Agriculture web server at their exhibit
booth during the meeting. Bring ideas, a list of your products,
and directions to your farm. You do not need an internet
connection or a computer to do this. There is no charge to do
this or to maintain the site.)

11:40 am LUNCH ON YOUR OWN

(10) GRAPE & WINE SHORT COURSE

8:30 am Man-O-War, Secretariat & Thoroughbred
Rooms
Dave Loney, Presiding
8:30 am Registration,
Lobby in front of Preakness Room
Visit Exhibits - Lobby
8:55 Greetings - Dave Loney
9:00 The Economics of Fresh Market and Wine
Grape Production with European, American
and French Hybrid Grapes - Tim Woods
9:30 Varieties, Soil Preparation and Planting
- Patrick Byers
10:00-10:15 Cider & Coffee Break // Visit Exhibits - Lobby
10:15 . Bird, Deer, and Raccoon Control in Grapes
- Tom Barnes
10:45 Grape Root Borer Studies - Dave Lockwood
11:15 am Grape Culture and Nutrition - Patrick Byers
12:00 Noon LUNCH ON YOUR OWN // Visit Exhibits

TUESDAY AFTERNOON

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

(11) GRAPE & WINE SHORT COURSE

1:30 pm, Secretariat, Thoroughbred & Man-O-War
Rooms - Diane Perkins, Presiding

1:30 Production Experiences and Cooperative
Regional Grower Groups (Roundtable
Discussion) - Eddie O'Daniel, Beth
Galloway, Jerry Holder, Belita Adams

Landham, and Jim Bravard
2:15 Cider/Coffee Break - Lobby
2:30 Weed Identification and Control
- John Strang
3:00 Kentucky Vineyard Assistance
Program/ GIAC Update - Jim Mansfield
3:30 Opportunities in Wine Making and the
Science of Enology - Chuck Smith

(12) FIELD GROWN CUT FLOWERS

1:30 pm, Belmont Room - Tim McClure, Presiding

1:30 pm Cut Flower Possibilities - Bob Anderson
2:00 What We Consider Success in Cut Flowers
- Janet O'Tieman and Ann Bell
2:30-3:10 Cider/Coffee Break
3:10 Zinnias and Sunflowers - Bob Anderson
3:40 pm Dried Flowers and How to Do It
- Sharon Bale

(13) WHOLESALE MARKETING ISSUES

1:30 pm, Preakness Room - Tim Woods, Presiding

1:30 pm Vegetable Grower Marketing Association
Update - Jim Mansfield
2:00 Web Based Wholesale Marketing - Jim Taylor
2:30-3:10 Cider/Coffee Break
3:10 To be arranged
3:40 pm To be arranged

(14) SMALL FRUIT PRODUCTION

1:30 pm, Derby Room - Eric Baker, Presiding

1:30 pm Blueberry Cultivar Trial Results at Princeton
and Quicksand
- Terry Jones and Dwight Wolfe
2:00 Plasticulture Strawberries - Alan Straw
2:30-3:10 Cider/Coffee Break and Visit Exhibits - Lobby
3:10 Extending the Season for Strawberry and
Bramble Production with Tunnels and
Greenhouses - Doug Archbold
3:40 pm Blackberry Cultivars and Production Practices
- John Strang

Exhibitors

Agribuys
Earth Tools
Indiana Berry & Plant Company
Kentucky Department of Agriculture
Kentucky Farm Bureau Federation
LaBelle Plant World, Inc.
Rockford Package Supply, Inc.
Rocky Meadow Orchard & Nursery
Seedway

ADVANCE REGISTRATION FOR KY FRUIT & VEGETABLE MEETING - Jan. 8-9, 2001
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.

Only one registration is needed per household.

Name (print) _____ How many others with you? _____

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.

Registration with ANY organization will provide entrance into ANY session

Full membership to *Kentucky State Horticultural Society (KSHS)*
 (Includes **fruit** meeting registration and 1-year membership) \$25.00 _____ per household

Full membership to *Kentucky Vegetable Growers Association (KVGA)*
 (Includes **vegetable** meeting registration and 1-yr membership) \$25.00 _____ per household

Grape & Wine Short Course (Includes Wine Tasting) \$20.00 _____ per person

Wine Tasting only (Monday, Jan. 8th, 5:15-6:15 p.m.) \$ 5.00 _____ per person

Kentucky Organic Farming and Gardening session \$10.00 _____ per household

Meal tickets are available only through advance registration. (Meal prices include meal, tax and tips)

Exhibitor/Grower **Luncheon** -- January 8, 2001 -- 12:00 Noon EST \$13.00 _____ per person
 Menu: *Deli buffet, soup, salads, cold cuts, brownies and beverage*

Banquet - January 8, 2001 -- 6:15 p.m. EST \$20.00 _____ per person
 Menu: *Roast top sirloin of beef au jus, scalloped potatoes, green beans, salad, rolls/butter, dessert and beverage*

Total Amount Paid \$ _____

Please **make CHECKS payable to:** _____ Check # _____ Check Amount \$ _____

KENTUCKY HORTICULTURE MEETING

Cash Amount \$ _____

Mail advance registration to:

KSHS/KVGA/KVS Registration, Dept. of Horticulture, N318 Ag. Sci. North, University of KY, Lexington, KY 40546

Advance Registration must Be Received by Friday, December 15, 2000

Please List the Name(s) as Desired on Your Name Badge(s) here: _____

Official Business
Penalty for Private Use, \$300

Meetings

Nov. 16 - Sustainable Agriculture

Workshop, Kentucky State University Research Farm, 1525 Mills Lane, Frankfort, KY. This month's workshop will cover estate planning, agricultural credit, risk management and crop insurance. Contact 502/597-7871.

Nov. 17-18 - Midwest Small Farm Conference and Trade Show, 4-H Exhibition Center, Noblesville, IN. Sessions will deal with fresh-cut herbs, organic or reduced chemical production, small fruit production, chicken production, building soils for better crops, beneficial insects, buying rural property, sustainable community energy systems and much more. Contact 765/463-9366.

Dec. 11-13 - Southeast Vegetable and Fruit Expo and AgTech 2000, Sheraton Greensboro Hotel at Four Seasons Koury Convention Center, Greensboro, NC. The Southeast Vegetable and Fruit Expo will focus on produce issues. AgTech 2000 will focus on new technologies and opportunities, such as precision farming and biotechnology in all types of agriculture including cotton, tobacco, soybeans etc. Complete information, including the registration form are available at <http://www.soil.ncsu.edu/agtech2000> or call the NC Vegetable Growers Association at 919/772-2204. Contact Allan Thornton phone 910/592-7161 E-mail: athornto@sampson.ces.ncsu.edu

Jan. 8-9 - Annual Fruit and Vegetable Grower Meeting, Holiday Inn North, Lexington, KY. Contact John Strang 859/257-5685.

Jan. 10-11 - Southeastern Regional Apple Meeting, Holiday Inn Sunspree Resort, Asheville, NC. Hotel 800/733-3211, For information contact Evelyn Hill 828/697-6377.

Jan. 12-13 - Tennessee Viticultural & Oenological Society meeting. Holiday Inn Cookeville. Contact Dave Lockwood 865/974-7208 e-mail: dlockwood@utk.edu

Jan. 15-16 - Tennessee Fruit & Vegetable Association meeting, Read House, Chattanooga, TN. Contact Stanley Trout 615/837-5160 e-mail: jstrout@mail.state.tn.us or Dave Lockwood.

Jan. 29-31 - Indiana Horticultural Congress, Indianapolis, IN. Contact Mario Morales 765/494-0342.

Feb. 9 - Northern Piedmont Specialty Crops School, Ramada Inn, Exit #204 off I-85, Oxford, NC. Presentations will include specialty pepper, heirloom tomato, asparagus, eggplant, greens, basil Chinese cabbage, strawberry, and sweet corn marketing, raspberry and blackberry production; a variety update, and the basics of trickle irrigation and fertigation. Contact Carl Cantaluppi 919/603-1350, e-mail carl_cantaluppi@ncsu.edu

Feb. 4-6 - Midwest Regional Grape and Wine Conference. Lake of the Ozarks, MO.