

Kentucky Fruit Facts

Oct-Dec 2010/ (10-12/2010)

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

John Strang, Extension Fruit Specialist, Editor
Karen Shahan, Administrative Assistant

Fruit Crop News

by John Strang and John Hartman, U.K. Extension
Horticulturist and Plant Pathologist

We have had frost on the pumpkins, but fruit grower chores are not over for the season. There are several jobs that may still need to be done.

Apples. Apple growers should mow their orchards, chop up leaves and fruit beneath the trees, and apply nitrogen to help with leaf breakdown if apple scab was a problem this season. A 5% solution of spray urea or greenhouse grade (40 lb urea per 100 gal of water) can be applied to apple trees just before the leaves begin to fall. Urea inhibits the development of apple scab fruiting bodies on the fallen leaves and hastens leaf decomposition. Trees sprayed with urea will tend to defoliate more rapidly than unsprayed trees. Urea can also be applied to the leaves on the ground, after all the leaves have dropped. For good coverage, apply about 100 gallons per acre. An air blast sprayer with only the lower nozzles turned on can be used, but field boom-type sprayers will likely provide better coverage. The ground spray can also be done in the spring, two to four weeks before bud break. Feed grade urea can be substituted for urea fertilizer; it is more expensive, but



will dissolve more easily in the spray tank. Be aware that urea treatments can supply about 20 lb actual nitrogen per acre, so seasonal fertilizer rates will need to be adjusted appropriately. Leaf chopping and urea application combined will reduce scab inoculum more than either alone.

Monitor vole populations and put out bait stations containing zinc phosphide or Rozol. Rozol now has a national label and can be used in Kentucky on apple, pear, and stone fruits. Directions for Rozol use involve inspecting the orchard floor for vole trails, placing 6 tablespoons of bait in active holes or runways (10 lb per acre is recommended), covering each bait placement with grass or a shingle or using tamper resistant bait stations. Rozol can also be applied using a commercial spreader to uniformly apply 10 lb per acre. Pine vole control may require higher rates of 20 lb per acre. Rozol is an anticoagulant bait with a different mode of action from zinc phosphide.

Young tree trunks should be sprayed with indoor white latex paint to protect from sunscald or have white plastic trunk protectors installed to protect them from sunscald and rodent chewing.

Peaches. We had higher than normal levels of peach leaf curl in 2009 and 2010. Apply a fungicide for peach leaf curl to protect trees for the 2011 season. An early winter application will save having to haul

Inside This Issue:

- 1 - Fruit Crop News
- 2 - Upcoming Meetings
- 2 - Fruit and Nut Crop Summary
- 4 - Kentucky Receives Voluntary Public Access and Habitat Incentive Program Grant Funds
- 5 - Ky Fruit and Vegetable Conference and Trade Show
- 10 -MarketReady Producer Sales Training

the sprayer out in January or February to apply this spray before any bud activity occurs.

Grapes. Vinifera or hybrid grape growers with grafted vines should have covered graft unions, ideally with 4-6 inches of soil above the unions to protect from freeze injury and the associated crown gall.

Blackberries. Prune out and destroy dead floricanes that fruited this year. Wait until spring to prune the live floricanes.

Strawberries. Matted row strawberry growers should apply straw mulch to protect roots and crowns from frost heaving when the temperature drops into the low 20's. Plasticulture strawberry growers should have covered their plants with a floating row cover at the end of October. It is important to apply vole bait beneath the row cover, particularly if annual rye was planted between the rows.

Store pesticides in a dry, well ventilated, well lit storage area. Keep temperatures above freezing, particularly for liquid formulations. Dispose of deteriorated pesticides and those that are no longer labeled.

Winterize sprayers by draining the tank and cleaning nozzles. Put antifreeze in the tank and run the sprayer until it comes out the nozzles. Check the grease fittings.

The NOAA winter outlook calls for a transition from El Nino conditions to La Nina driven weather. Predictions are for a warmer and wetter than average winter with increased storminess.

This will be the last Fruit Facts issue for 2010.
HAPPY HOLIDAYS!

Upcoming Meetings

Dec. 7-9 – The Great Lakes Fruit, Vegetable and Farm Market EXPO, Devos Place Convention Center, Grand Rapids Michigan. On line registration at: www.glexpo.com. Call 734-677-0503 for registration questions or to receive registration and program information by mail.

Jan. 3-4, Kentucky Fruit and Vegetable Conference, Embassy Suites Hotel, 1801 Newtown Pike, Lexington, KY. Complete program and registration at: www.uky.edu/Ag/Horticulture/meetings.html. Contact John Strang, 859-257-5685 office; email: jstrang@uky.edu OR Tim Coolong 859-257-3374 office; or 859-421-5973 mobile; email: tcool2@uky.edu.

Jan. 5-7, 2011 Illinois Specialty Crops Conference. Crowne Plaza Hotel, Springfield, IL. See www.specialtygrowers.org or contact Diane Henley at 309-557-3662.

Jan. 6-9, 2011 SE Regional Fruit & Vegetable Conference, Savannah International Trade and Convention Center, Savannah, GA. www.gfvga.org Includes the North American Raspberry & Blackberry Conference, www.raspberrylblackberry.com

Jan. 18-20 Indiana Horticultural Congress & Trade Show, Wyndham Indianapolis West, 2544 Executive Dr., Indianapolis, IN 46241. Contact Tammy Goodale 765-494-1296; email tgoodale@purdue.edu; website; www.inhortcongress.org

Jan. 26-29 American Nursery & Landscape Association's Management Clinic and Jan. 28-29 Mid-States Horticultural Expo., Kentucky International Convention Center, 221 S 4th St., Louisville, KY 40202 Website: <http://www.knla.org/mshe.htm>

Jan. 27-29 Tennessee Horticulture EXPO, Nashville Airport Marriott, 600 Marriott Dr., Nashville, TN. This is a collective meeting of the Tennessee Fruit and Vegetable Association, Tennessee Farm Wine Association, Tennessee Flower Growers Association, Tennessee Viticulture and Oenological Society and the Tennessee Farmers Market Association. Web site: <http://www.tnthe.com/THE/Welcome.html>

Jan. 27-28 Kentucky Landscape Industries Winter Conference, Kentucky International Convention Center, 221 S 4th St., Louisville, KY 40202 Web site: <http://www.knla.org/conference.htm>

2010 Fruit and Nut Crop Summary

by John Strang, Shawn Wright, Patsy Wilson, Chris Smigell, Dwight Wolfe, Vaden Fenton, John Hartman and Ric Bessin

The 2010 growing season in Kentucky was generally a fairly good one for most fruit crops. Harvest dates ran as much as two weeks earlier than normal due to high summer temperatures.

January precipitation was slightly below normal, while February through April was 4.3 inches below normal. Heavy rainfall in May was 3 inches above normal and rainfall through September was normal or slightly below normal. Western Kentucky received far less rainfall during the summer than other portions of the state and was 6-9 inches below normal in September, while central and Northern Kentucky were 3 to 6 inches below normal. January and February temperatures were 3° and 6.9°F below normal respectively. Temperatures for April through August ran consistently 3 to 4.8°F above normal. Louisville had 82 days, Bowling Green 75 days, Paducah 74

days, Lexington 44 days, Cincinnati 34 days, and Jackson 22 days above 90°F this summer. This was the second warmest year for Kentucky on record only surpassed by 1936.

Japanese beetle populations were generally low this year, but high in several areas of western Kentucky. Fruit sales were generally very good for most growers despite the economy.

Apples

Kentucky growers produced an apple crop that was about 70% of normal due to excessive thinning with chemical thinners that worked exceptionally well. This is thought to be primarily due to cloudy weather and high night temperatures during the thinning period. Hail in one orchard and fruit drop due to high temperatures also reduced yields. Fruit size was generally good. Fruit color was poor in the summer and early fall because of high temperatures and early fruit drop was a problem. Stem cracking in Gala was excessive.

High levels of apple, moderate to high levels of cedar apple rust, including fruit infection, were observed, particularly where early spray schedules were inadequate or due to excessive rain. Frogeye leaf spot was also commonly seen late in the season. Fire blight was observed frequently in some orchards and was fairly severe in some cases. Excessive heat magnified black rot problems particularly on sunburned fruit and some growers faced above normal levels of bitter rot and white rot.

Oriental fruit moth remains a serious problem in some central Kentucky orchards. Codling moth levels were very high in some orchards. Plum curculio was well controlled by petal fall sprays in most orchards.

Pears

European pears and Asian pears produced 100% crops. Fire blight was relatively light, but codling moth was at normal levels. Black rot was also observed.

Peaches & Plums

Moderate to full peach and full plum crops were harvested across the state. Many particularly early peach varieties had light crops because of the wet fall and flower bud winter injury. Fruit quality was excellent. Peach leaf curl levels were significant. Brown rot, peach scab and bacterial spot were also observed.

Pawpaws

Pawpaws produced an 80% crop of large sized fruit that ripened considerably earlier than normal.

Strawberries

Strawberries produced 90% of a full crop. Fruit size, quality and color were good. Strawberry leaf scorch and strawberry leaf spot were the primary disease problems.

Brambles

Raspberries and blackberries produced a 90% crop. Sunburned fruit was a moderate problem and the late summer drought reduced the fall crop. Phytophthora root rot was serious on marginally drained sites. Anthracnose, cane blight, and spur blight, in some cases associated with stressful growing conditions, were problematic in some plantings. Systemic orange rust and rosette were at normal levels. Green June beetles were at low levels as were Japanese beetles.

Grapes

The 2010 harvest has been very good with approximately a 90% crop. Fungal disease losses were a concern earlier in the season. Black rot, cane and leaf spot, and anthracnose were widespread, especially in vineyards managed by inexperienced growers. Downy mildew and Powdery mildew also caused some loss. No Pierce's Disease was found this season.

Grape flea beetle was common in some vineyards in central KY and required control on some farms. Japanese beetle feeding was relatively low and the green June beetle populations were way down possibly due to the drought the past several years in central Kentucky, but western Kentucky growers experienced high Japanese beetle populations. Grape root borer populations in vineyards above four years of age are on the increase. The foliar phase of phylloxera was serious and required control on some cultivars in some vineyards. Grape berry moth populations are increasing in some vineyards.

Birds were a serious problem in a few vineyards across the state particularly for early ripening cultivars and accounted for substantial crop losses. Birds started feeding on grapes well before they were ripe.

Blueberries

Blueberries produced a 100% crop this season. Harvest was concentrated because of higher temperatures. Fruit size was excellent. Phytophthora root rot was severe on marginally drained sites and some growers had severe plant losses. Stem and twig canker diseases were a problem. Birds were a challenge.

2010 Percentage of Normal Full

Fruit	Crop for Kentucky	
	Percent of Full Crop	Range (%)
Tree Fruit		
Apples	70	20-100
Pawpaws	80	
Peaches	85	50-100
Pears, Asian	100	
Pears, European	100	
Plums, European	100	
Small Fruit		
Blackberries, thorny	100	
Blackberries, thornless	90	
Blueberries	100	
Grapes	90	
Raspberries, fall	90	
Raspberries, spring	100	
Strawberries	90	
Nuts		
Chestnuts	90	
Heartnuts	95	
Hickory, Shagbark	100	
Hickory, Shellbark	100	
Hicans	100	
Pecans	70	
Walnuts, Black	90	
Walnuts, Persian	80	

Kentucky Receives Voluntary Public Access and Habitat Incentive Program Grant Funds

By Kara Keeton, Kentucky Agriculture Report Oct. 11, 2010

Agriculture Secretary Tom Vilsack announced that Kentucky will receive \$651,515 through the Voluntary Public Access and Habitat Incentive Program (VPA-HIP).

The VAP-HIP incentivizes owners and operators of privately held farm, ranch and forest land to voluntarily give hunters, fishermen, hikers, bird watchers and other recreational outdoor

enthusiasts access to land for their enjoyment. VPA-HIP funds may be used to provide rental payments and other incentives, such as technical or conservation services to landowners who, in return, provide the public access to their land.

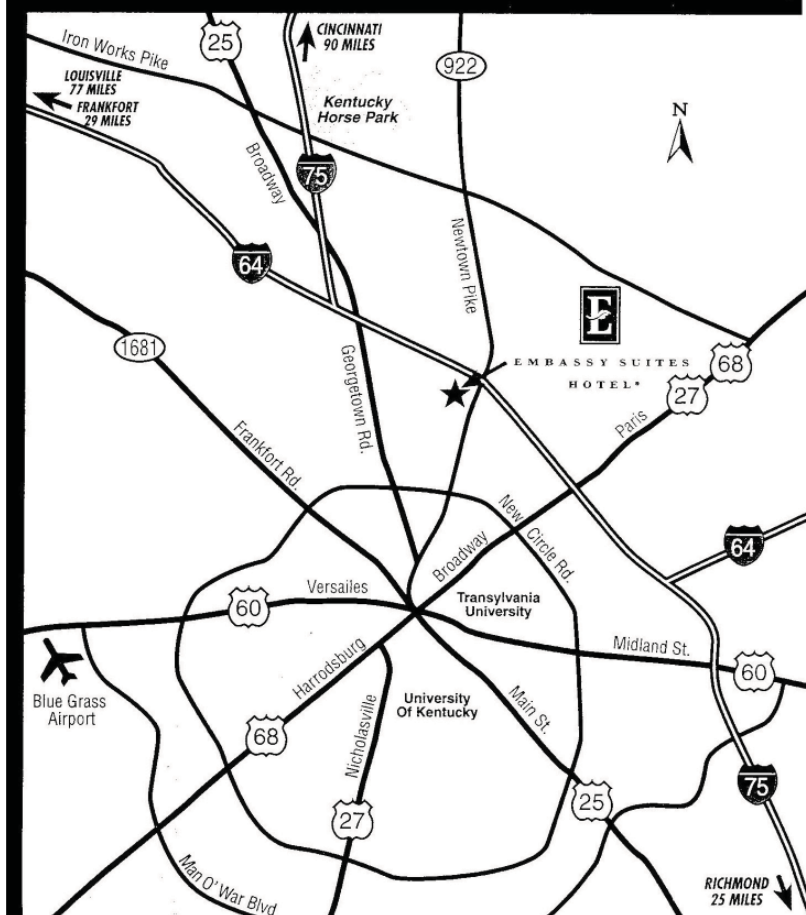
FSA will open the grant application period for fiscal year 2011 funding after publication of a final rule. For more information on VPA-HIP and other FSA programs, visit <http://www.fsa.usda.gov/vpa>.

Directions to the Embassy Suites Hotel, Lexington KY:

DIRECTIONS

From I-75/64: Take Exit 115 then right on to Newtown Pike. Turn right onto Aristides Blvd. at the UK Coldstream Research Campus. Hotel is on the right.

From Blue Grass Airport: Exit left on to Man O'War Blvd. to Versailles Rd. Turn right onto Versailles Rd. Take Rt. 4 New Circle Rd. north to Newtown Pike Exit North. Turn left onto Aristides Blvd. at the UK Coldstream Research Campus. Hotel is on the right.



2011 Kentucky Fruit and Vegetable Conference and Trade Show

JANUARY 3-4, 2011
Monday and Tuesday

Meeting Place:
Embassy Suites Hotel
1801 Newtown Pike
Lexington, Kentucky 40511
(859) 455-5000
FAX (859) 455-5122
Reservations: 800-EMBASSY

Meeting Outline

Sunday, January 2 Pre-conference Sessions

		Room
3:00-5:30 p.m.	Winemaking Techniques Workshop	Fayette
4:00-6:00 p.m.	Record Keeping Training	Coldstream 5
6:00-8:00 p.m.	Reception and Kentucky Farmers' Market Association Annual Meeting	Coldstream 1 & 2
7:30-9:30 p.m.	Fruit Round Table Discussion	Coldstream 4
7:30-9:30 p.m.	Vegetable Round Table Discussion	Coldstream 5
5:00-9:00 p.m.	Exhibitor Set-up	

Monday, January 3

KSHS-KVGA Joint Session

		Coldstream 3
8:45 a.m.	Welcome	
8:55 a.m.	Horticulture Department Update	
9:00 a.m.	Horticulture Council Update	
9:15 a.m.	Kentucky Department of Agriculture Produce Marketing Update	
9:30 a.m.	Marketing through Local School Systems	
10:00 a.m.	Using the Web Soil Survey	
10:30 a.m.	Cider/Coffee Break and Visit Exhibits	
11:00 a.m.	Market Ready Training	
11:15 a.m.	KY FarmStart - Beginning Farmer Program	
11:30 a.m.	Different Marketing Approaches and Louisville Farm To Table	

Monday, January 3

8:00 a.m. Exhibits Open

Concurrent Sessions (continued)

Winemaking

		Coldstream 1 & 2
9:00 a.m.	Progress on DNA-based Detection of <i>Brettanomyces</i>	
9:30 a.m.	Yeast Selection for High Alcohol Wines	
10:00 a.m.	Using Tannins to Build Body and Structure During Fermentation and Finish	
10:30 a.m.	Cider/Coffee Break and Visit Exhibits	
11:00 a.m.	U.K. Wine Trial Update & Tasting	
10:30 a.m.	Break	
Noon	Exhibitors & Growers Luncheon	Coldstream 1 & 2
12:00 noon	EXHIBITORS AND GROWERS LUNCHEON	Coldstream 1 & 2 Rooms
12:00 noon.	KVGA AND KSHS BOARD MEETINGS	
	<i>Kentucky State Horticultural Society</i>	Paris Room
	<i>Kentucky Vegetable Growers Association</i>	Georgetown Room
12:00 p.m. noon	Kentucky FarmStart Lunch Meeting	Lexington Room
	Lee Meyer, Presiding	
1:30 p.m.	KVS BOARD MEETING	Paris Room

Concurrent Sessions

Farmers' Markets

		Coldstream 1 & 2
1:30 p.m.	Attracting More Customers to Your Market	
2:00 p.m.	EBT & Debit Card Program	
2:30-3:10	Cider/Coffee Break and Visit Exhibits	
3:10 p.m.	Living in The Country and The Wise Use of Credit	
3:40 p.m.	Innovative Equipment for Small Farmers	

High Tunnel Vegetable Production

		Coldstream 3
1:30 p.m.	Winter High Tunnel Greens Production	
2:30-3:10	Cider/Coffee Break and Visit Exhibits	
3:10 p.m.	High Tunnel Tomato Product Production	
3:40 p.m.	Degradable Mulches in High Tunnels	

Vegetable Production

		Coldstream 4
1:30 p.m.	Syngenta Vegetable Varieties for Kentucky	
2:00 p.m.	Vegetable Cultivar Trial Results (Specialty Melons, Green Beans, Sweet Potatoes, Red Onions, Fall Tomatoes, Broccoli, and Cabbage)	
2:30-3:10	Cider/Coffee Break and Visit Exhibits	
3:10 p.m.	It's Not Too Early to Start Thinking About Late Blight	
3:40 p.m.	The Brown Marmorated Stink Bug & Pheromone Trapping	

Commercial Tree Fruit

		Coldstream 5
1:30 p.m.	Thinning and Maintenance of Dwarf Trees at Lynd Fruit Farm	
2:00 p.m.	The Physiology of Thinning	
2:30-3:10.	Cider/Coffee Break and Visit Exhibits	
3:10 p.m.	Fruit Drop in Apples	
3:40 p.m.	Experiences in Selling at Four Farmers' Markets	

4:10 p.m. MAIA New Apple Varieties for the Midwest
4:40 p.m. New/Unusual Fruit Varieties for Direct Markets
ASSOCIATION MEETINGS Fayette Room

1:30 p.m. Kentucky Wine Association Meeting
2:30-3:10 Cider/Coffee Break and Visit Exhibits
3:10 p.m. Kentucky Grape and Wine Council Meeting

5:15 p.m. Exhibits Close
5:00 p.m. **Celebration of Kentucky Wines** Coldstream 1 & 2
6:30 p.m. **Banquet** Coldstream 3

Tuesday, January 4

8:00 a.m. Exhibits Open

Concurrent Sessions

Organic Farming and Gardening Coldstream 1 & 2

8:30 a.m. Turning Buyers into Believers - How to Create Raving Fans
9:00 a.m. Transitioning Into An Organic CSA
9:30 a.m. Evaluating Alternative Fungicides for Foliar Disease Control in Vegetables
10:00 a.m. Cider/Coffee Break and Visit Exhibits
10:40 a.m. Challenges and How We Overcame Them
11:10 a.m. Organic Berry Production
11:40 a.m. Stink Bug Species Associated with Organic Blackberry Production in Central Kentucky

Vegetable Production Coldstream 3

8:30 a.m. Plasticulture Vegetable Production
9:30 a.m. KVGGA Annual Business Meeting
10:00 a.m. Cider/Coffee Break and Visit Exhibits
10:40 a.m. Grower Vegetable Demonstration Plot Results
11:10 a.m. Automated Pulsed Drip Irrigation for Vegetables and Fruit
11:40 a.m. LUNCH ON YOUR OWN

Grape & Wine Short Course Coldstream 4

8:55 a.m. Welcome Address
9:00 a.m. Wine Grape Variety Trials
9:30 a.m. Understanding Kentucky Soils
10:00 a.m. Cider/Coffee Break and Visit Exhibits
10:40 a.m. Quality vs. Quantity - Vineyard Production Issues
11:10 a.m. Maximizing Profitability (open discussion)
11:40 a.m. LUNCH ON YOUR OWN

Tree Fruit Coldstream 5

8:30 a.m. Tree Fruit Spray Guide Update and Pest Management Changes
9:00 a.m. Peach Rootstocks
9:30 a.m. Reducing Organophosphate Use in Apples - Grower Discussion
10:00 a.m. Cider/Coffee Break and Visit Exhibits
10:40 a.m. Orchard Vole and Insect Control with Predators - Hawks, Owls and Bats

11:10 a.m. KSHS Annual Business Meeting
11:40 a.m. LUNCH ON YOUR OWN

Home-Based Produce Microprocessing

Fayette

8:30 a.m. There is a \$40 charge for materials for this session. **Participants in this day-long session must preregister on the web at www.ca.uky.edu/agc/micro**
10:00 a.m. Cider/Coffee Break and Visit Exhibits
11:40 a.m. LUNCH ON YOUR OWN

Concurrent Sessions

Small Fruit Production

Coldstream 1 & 2

1:30 p.m. Development of Value-Added Small Fruit Products
2:00 p.m. Controlling Small Mammals in Fruit and Vegetable Operations
2:30 p.m. Cider/Coffee Break
3:10 p.m. Bramble and Strawberry Diseases
3:40 p.m. Blueberry Growth and Development
4:10 p.m. Table Grapes Can Be Very Profitable

Marketing

Coldstream 3

1:30 p.m. Merchandising Mavens, Magic and More
2:30 p.m. Cider/Coffee Break
3:10 p.m. The Gift of Change: Embracing Change and Challenge
3:40 p.m. Utilizing Social Media for Marketing

Grape & Wine Short Course

Coldstream 41:30

p.m. The Kentucky Winery and Vineyard Association
2:00 p.m. Living in the Country and the Wise Use of Credit
2:30 p.m. Cider/Coffee Break
3:10 p.m. Effects of Late Season Sprays on Wine Quality and Efficient Use of the Spray Guide
3:40 p.m. Managing Grape Diseases: Critical Fungicide Application and Timing
4:10 p.m. State of the Industry
4:45 p.m. ABC Regulations in Kentucky
5:30-7:30 p.m. Reception Hosted by KWVA, Fayette Room

Wholesale Marketing

Coldstream 5

1:30 p.m. Third Party GAP Audits
2:00 p.m. Requirements to Market Through Wholesalers
2:30p.m. Cider/Coffee Break
3:10 p.m. One-On-One Meeting with Wholesalers

Home-Based Produce Microprocessing

Fayette

1:30 p.m. Continued
2:30 p.m. Cider/Coffee Break
3:10 p.m. Continued
3:00 p.m. Exhibit Hall Closes

KENTUCKY FRUIT AND VEGETABLE CONFERENCE
Embassy Suites Hotel, Lexington KY -- January 3-4, 2011

Mark one: _____ ADVANCE REGISTRATION _____ I am not able to attend--continue my membership(s) as listed below.

NAME(S) for name tag (Please print) _____

ADDRESS _____

CITY, STATE _____ ZIP _____

PHONE: (____) _____ OCCUPATION/FIRM _____

FAX: (____) _____ E-Mail _____

*** PLEASE LIST NAME(S) OF ADDITIONAL REGISTRANTS: _____

I recommend _____ for the KSHS or KVGA Board of Directors.

Complimentary registration for County Extension Agents, University Students, and children under 15 years of age accompanying an adult.

**** A \$30 registration allows entrance into any conference meeting session.**

One year membership plus meeting registration.

\$30 PER PERSON

Kentucky State Horticultural Society ----- Number attending _____

Kentucky Vegetable Growers Association ----- Number attending _____

Organic Association of Kentucky ----- Number attending _____

Meeting registration only (does not include organization membership.)

Grape & Wine Short Course, Jan. 4 ----- Number attending _____

\$30 each x Total number attending _____ = TOTAL \$ _____

KVS Membership Fee, + quarterly e-mail newsletter, \$25 each family (\$35 paper copy) TOTAL \$ _____

Register for the **Celebration of Kentucky Wines**, Jan. 3, 5:00-6:30 PM

Number attending _____ x \$10 each = TOTAL \$ _____

EXHIBITOR/GROWER LUNCHEON -- January 3, 2011 / 12:00 Noon EST

****Meal tickets are available only through advance registration.**

Number attending _____ x \$24 each = TOTAL \$ _____

BANQUET - January 3, 2011 -- 6:30 p.m. EST

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

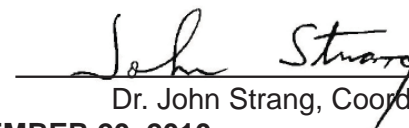
Number attending _____ x \$35 each = TOTAL \$ _____

→ Please make **CHECKS** payable to: **KENTUCKY FRUIT AND VEGETABLE CONFERENCE**

CHECK # _____ CHECK AMT \$ _____ CASH AMT \$ _____ TOTAL PAID \$ _____

Mail advance registration to:

Mary Ann Kelley, Research & Education Center,
PO Box 469, Princeton, KY 42445-0469
Phone: 270-365-7541 x 216; Fax: 270-365-2667


Dr. John Strang, Coordinator

ADVANCE REGISTRATION MUST BE RECEIVED BY MONDAY, DECEMBER 20, 2010

MarketReady Producer Sales Training

By Kara Keeton, *Kentucky Agriculture Report*

Oct. 18, 2010

Producers and processors who are interested in selling to restaurants or foodservice institutions have a unique opportunity to explore ways to improve and expand a food business with MarketReady. MarketReady Training is useful to producers who are considering or developing a new food business, and can certainly be helpful to those who are currently selling product to a few local retailers or restaurants. The MarketReady program will also provide individuals with a professional marketing education to improve sales relationships with restaurants and foodservice institutions.

Schedule for upcoming MarketReady trainings:

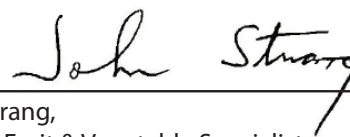
December 2, 2010, 9am-3pm at the Shelby County Extension Office

December 13, 2010, 9am-3pm at the Kenton County Extension Office

December 14, 2010, 9am-3pm at the Boone County Extension Office

December 16, 2010, 9am-3pm at the Campbell County Extension Office

Registration cost is \$25, which includes class materials and lunch. Space is limited. For more information contact Miranda Hileman with the University of Kentucky at miranda.hileman@uky.edu or call 859.257.7272 x.223.



John G. Strang,
Extension Fruit & Vegetable Specialist