

# Agriculture Natural Resources Newsletter October, 2024



*Linda McClanahan*  
Linda McClanahan  
Mercer County Extension Agent for ANR

**Did you know?** Lovely, summerlike days that occur around October 18 are called **Saint Luke's Little Summer** in honor of the saint's feast day. Around this time, Saint Luke's feast day, there is a period brief period of calm, dry weather. Some folks call this Indian Summer, but that officially occurs between November 11 and November 20.

October 2	Central KY Hay Contest Entry Deadline
October 3	Fort Harrod Backcountry Horsemen Meeting, 7 PM
October 6 – 12	National Fire Prevention Week
October 15-17	Heart of America Grazing Conference, Hardin County Extension Office
October 24	KY Beef Conference, Fayette County Extension Office
October 24	Mercer County Extension Council Meeting, 6 PM
October 22	Mercer County Cattlemen's Association Annual Meeting, 6:30 PM
October 24	Mercer County Extension District Board Meeting, 7 PM
November 2	Mercer County Cattlemen's Bull Breeding Soundness Exam Day, 4 Kings Angus Farm
November 5	Election Day, Extension Office Closed
November 7	Fort Harrod Backcountry Horsemen Meeting, 7 PM
November 7-21	North American International Livestock Expo, Louisville
November 12	Mercer County Extension Community Meeting, 11:30 AM
November 15	America Recycles Day, Paper Shred Truck at Extension Office
November 22-28	National Farm-City Week
November 28-29	Happy Thanksgiving, Extension Office Closed

**MERCER COUNTY 4-H  
YOUTH AGRICULTURAL  
INVESTMENT  
PROGRAM (YAIP)**

- Applicants must be 9 years old & enrolled in elementary, middle or high school (includes home-schooled )
- Investment areas eligible:
  - Ag Diversification
  - Animal Production
  - Forage & Grain Improvement
  - Showmanship
  - Supervised Agriculture Experience (SAE)
  - Country Ham Projects
- Cost-share on a 50/50 basis
- Eligible up to \$1,500. per program year
- Youth must complete educational components
- Money for on-farm investments available

**APPLICATION PERIOD  
OCTOBER 1- NOVEMBER 1, 2024**

**APPLICATIONS AVAILABLE FROM:  
Mercer County Extension Service  
1007 Lexington Road, Harrodsburg, KY 40330  
8:00 a.m. - 4:30 p.m. Monday-Friday**

[bit.ly/yaipinformation](https://bit.ly/yaipinformation)

**FOR MORE INFORMATION:** Call 859-734-4378

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 Linda McClanahan [linda.mcclanahan@uky.edu](mailto:linda.mcclanahan@uky.edu)





# 2024 HEART OF AMERICA GRAZING CONFERENCE

*Regenerative grazing... Merging science and practice*

**Tuesday, October 15, 2024**

Pasture Ecology Workshop with Matt Poore, North Carolina State University  
9:00 a.m. - 5:00 p.m. ET  
Glenmar Farms, 16943 St. John Road, Cecelia, KY 42724

**Heart of America Banquet**

6:00 p.m. - 8:00 p.m. ET  
Hardin County Extension Office, 111 Opportunity Way, Elizabethtown, KY  
Capturing the Beauty of Forages with Dr. Jimmy Henning

**Wednesday, October 16, 2024**

Heart of America Grazing Conference  
7:00 a.m. - 3:00 p.m. ET  
Hardin County Extension Office, 111 Opportunity Way, Elizabethtown, KY

- Healing the Land with Grazing  
Ray Archuleta, Raythesoilguy LLC
- Soil Health: Separating Fact from Fiction  
Alan Franzluebbbers, USDA Ag Research Service
- Bale Grazing for Biological Fertility and Soil Health  
Greg Halich, University of Kentucky
- My Regenerative Journey  
Sam Kennedy, Kettle Mills Livestock Co.
- Build It and They Will Come... Managing for Soil Life  
Chris Teutsch, University of Kentucky
- Putting it All Together... A Call to Action  
Matt Poore, North Carolina State University

**Thursday, October 17, 2024**

Pasture Walk at Greg Brann's Big Springs Farm  
10:00 a.m. - 4:00 p.m. CT  
683 Blankenship Rd, Adolphus, KY 42120

Tickets can be found at <https://2024HeartofAmerica.eventbrite.com>



Ray Archuleta



Matt Poore



Ray Smith



Greg Brann



Alan Franzluebbbers



Greg Halich



Chris Teutsch



Tickets can be found at <https://2024HeartofAmerica.eventbrite.com>

If registering by mail, please send checks payable to KFGC to: Caroline Roper, UKREC, PO Box 469, Princeton, KY 42445

Pasture Ecology	\$100 x _____ = _____
Banquet	\$50 x _____ = _____
Grazing Conference	\$75 x _____ = _____
Pasture Walk	\$45 x _____ = _____
Total:	_____

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

## OCTOBER RECIPE



### Pumpkin Apple Muffins

1 1/4 cups all-purpose flour	1/2 teaspoon ground ginger	1 1/2 cups fresh pureed pumpkin
1 1/4 cups whole-wheat flour	1/2 teaspoon ground nutmeg	1/2 cup canola oil
1 1/4 teaspoons baking soda	1 1/4 cups honey	2 cups Granny Smith apples, finely chopped
1/2 teaspoon salt	2 large eggs	
1 1/2 teaspoons ground cinnamon		

**Preheat** oven to 325 degrees F. In a large bowl, **combine** flours, baking soda, salt and spices. In a small bowl, **combine** honey, eggs, pumpkin and oil; **stir** into dry ingredients just until moistened. **Fold** in apples. **Fill** greased or paper lined muffin cups, two-thirds full. **Bake** for 25 to 30 minutes or until muffins test done. **Cool** for 10 minutes before removing from pan.

**Note:** Can substitute two cups granulated sugar for honey, decrease baking soda by 1/4 teaspoon and increase oven temperature to 350 degrees F.

**Yield:** 18 muffins

**Nutritional Analysis:** 200 calories, 7 g fat, 0.5 g saturated fat, 35 mg cholesterol, 160 mg sodium, 35 g carbohydrate, 2 g fiber, 20 g sugar, 3 g protein



Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers' market, or roadside stand.

### Fall Frost and Freeze Information for The Bluegrass State

By Derrick Snyder – National Weather Service Paducah, KY

As we move through the month October, the risk of crop-killing frosts and hard freezes will quickly increase. The National Weather Service office in La Crosse, WI, compiled the following list of meteorological conditions that can lead to frost conditions:

- Clear skies lead to radiational cooling, allowing the greatest amount of heat to exit into the atmosphere.
- Calm to light winds prevent stirring of the atmosphere, which allows a thin layer of super-cooled temperatures to develop at the surface. These super-cooled temperatures can be up to 10 degrees cooler than five to six feet above the surface, where observations are typically taken. This is why frost develops even when reported temperatures are a few degrees above freezing.
- Cool temperatures, with some moisture, that promote ice crystal development. If the supercooled, freezing temperatures can cool to the dew point (the temperature at which, when cooled to at constant pressure, condensation occurs; moisture will have to come out of the atmosphere as fog, frost, etc.) frost could develop on exposed surfaces.
- Local topography also has a large role in determining if and where frost develops. Cold air will settle in the valleys since cold air is heavier than warm air, therefore frost conditions are more prone in these regions. Valleys are also sheltered from stronger winds, enhancing the potential for frost.

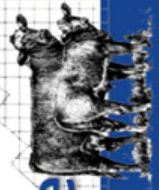
Other local effects, such as soil moisture and temperature, and stage of vegetation "greenness", are factors that can affect the possibility of frost forming. The Midwest Regional Climate Center has put together a map of when Kentucky can typically expect to see the first 32 degree freeze of the season. The great majority of the commonwealth will see the first hard freeze during the last 10 days of October, but this can vary a week or two sooner or later depending on the set-up for that particular year.





"Today's Challenges, Tomorrow's Opportunities"

# Kentucky Beef Conference



## October 24, 2024

**10:00—Welcome & Sponsor Recognition**  
Beau Neal, Woodford County Agriculture & Natural Resources Extension Agent

**University of KY Remarks & Welcome**  
Dr. Laura Stephenson, UK Director of Extension

Fayette County Extension Office  
1140 Harry Sykes Way  
Lexington, Kentucky 40504

**Genomics Technology**  
Dr. Troy Rowan, University of Tennessee Institute of Agriculture Beef Genetics Extension Specialist

**9:00—10:00**  
Registration, visit sponsors

**11:00—Marketing Update & Outlook**  
Dr. Kenny Burdine, UK Beef Economic Extension Specialist

\$10 registration fee

**12:00** Lunch

**1:00— Animal Tagging Update**  
Dr. Michelle Arnold, UK Extension Ruminant Veterinarian

**RSVP by October 22nd**  
**to Fayette County**  
**Extension Office**  
**859.257.5582**

**1:30— KY Beef Cattle Health Update**  
Dr. Steve Velasco, KY Department of Agriculture State Veterinarian

**2:00—Adjourn**

**Cooperative Extension Service**  
Agriculture and Natural Resources  
Family and Consumer Sciences  
Community and Economic Development

**MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT**  
Innovative programs of research, extension and service serve all people regardless of economic or social status. We are committed to providing the highest quality education and research opportunities for all students, regardless of physical or mental ability. We are committed to providing the highest quality education and research opportunities for all students, regardless of physical or mental ability. We are committed to providing the highest quality education and research opportunities for all students, regardless of physical or mental ability.

# 2024 KY ANNUAL PRODUCER CONFERENCE

# 19 OCTOBER 2024

• Fleming County Extension Office •  
1384 Elizaville Rd., Flemingsburg, KY 41041

Morning Session 8:30 am - 12:30 pm  
Guest Speakers:



Commissioner  
Johnathon Shell  
Kentucky Farm Bureau



Afternoon Session Field Day  
Forage Management, Reproduction, Lambing/  
Kidding & More! 1:00 pm - 3:30 pm  
• Schwartz Show Stock & Meat Co.

- Sheep producers
- Hickory Hollow Acres
- Goat Producers

**Cost: \$35/single; \$50/couple – Includes Lunch!**  
**(ADDITIONAL LUNCHES \$10)**  
**Registration 8:30 a.m. (EST) • Program starts at 9:00a.m.**  
**FOR MORE INFORMATION & REGISTRATION VISIT**  
[www.kysheepandgoat.org/annual-producer-conference](http://www.kysheepandgoat.org/annual-producer-conference)



Advertisement for the 2024 Kentucky Beef Conference, including dates, speakers, and registration information.

Advertisement for the 2024 KY Annual Producer Conference, including dates, location, and registration information.

Advertisement for the 2024 Fall Crop Protection Webinar Series, listing dates, topics, and speakers.

Advertisement for smoke alarm safety, featuring a grid of icons and instructions on how to maintain and use smoke alarms.

Advertisement for the 2024 Fall Crop Protection Webinar Series, including a sign-up link and contact information.

Advertisement for smoke alarm safety, featuring a large graphic with the text "Don't Wait - Check the Date!" and instructions on how to maintain and use smoke alarms.

## 2024 Fall Crop Protection Webinar Series scheduled for October and November

Sign up now for a popular webinar series that addresses timely topics regarding integrated pest management for field crops. University of Kentucky Martin-Gatton College of Agriculture, Food and Environment extension specialists have once again organized the Fall Crop Protection Webinar Series, hosted through the Southern Integrated Pest Management Center. Each webinar will begin at 10 a.m. ET/9 a.m. CT, and will be one hour in length. Continuing education credits for Certified Crop Advisors and Kentucky pesticide applicators will be available.

**2024 Fall Crop Protection Webinar Series**



This year the webinars will be held Oct. 15, Oct. 29, Nov. 12, and Nov. 26. Pre-registration is required to attend each webinar. The webinars are open to agriculture and natural resource county extension agents, crop consultants, farmers, industry professionals, and others, whether they reside or work in Kentucky or outside the state. Pre-registration links and schedules follow:



**Webinar #1: Oct. 15 — Dr. Raul Villanueva, Extension Entomologist**  
**Title:** Dealing with stink bugs and other insect pests in 2023-24  
**Webinar link:** [https://zoom.us/join/zoom/register/WN\\_MAPpWNeZ85y5c0tGMGUj\\_Q](https://zoom.us/join/zoom/register/WN_MAPpWNeZ85y5c0tGMGUj_Q)



**Webinar #2: Oct. 29 — Dr. Kiersten A. Wise, Extension Plant Pathologist**  
**Title:** Maximizing disease control AND return on investment for corn fungicides  
**Webinar link:** [https://zoom.us/join/zoom/register/WN\\_idgz-QATYqhkckSOVxv9Q](https://zoom.us/join/zoom/register/WN_idgz-QATYqhkckSOVxv9Q)



**Webinar #3: Nov. 12 — Dr. Travis Legleiter, Extension Weeds Specialist**  
**Title:** Spray Application Parameters – The Offensive Line of Herbicide Applications  
**Webinar link:** [https://zoom.us/join/zoom/register/WN\\_rh9TOW4T43SHZrFAAGALw](https://zoom.us/join/zoom/register/WN_rh9TOW4T43SHZrFAAGALw)



**Webinar #4: Nov. 26 — Dr. Carl Bradley, Extension Plant Pathologist**  
**Title:** Management of important wheat diseases in Kentucky  
**Webinar link:** [https://zoom.us/join/zoom/register/WN\\_NUfPmPd6QLCwWGHr-qOC6w](https://zoom.us/join/zoom/register/WN_NUfPmPd6QLCwWGHr-qOC6w)