

Hart County Agriculture

Fall 2024

Hart County Extension Office
505 A.A. Whitman Lane
P.O. Box 367
Munfordville, KY 42765
270-524-2451

I hope everyone is doing well. This week has been HOT! Hopefully we will be seeing a change by the time you are reading this newsletter.

Speaking of the weather, we are in the prime time for stockpiling forages for late fall and winter grazing. Applying 40-100 units of N per acre can produce a lot of forage in a few months. University of KY researchers have shown that you can get as much as 24.4 lbs. of dry matter for every pound of nitrogen applied. Of course there is an upper limit to that seeing that they recommend no more than 100 lbs. of N per acre. If you have any questions about stockpiling forages for winter, give us a call.

You'll notice in this newsletter that the CAIP sign ups have begun. Please pay close attention to when they are available as well as the process for turning it back in. This is a great program that has made lots of difference for Agriculture in Hart County.

I hope everyone stays safe as we progress into the harvest season. If you need anything please don't hesitate to give us a call.

Adam Este



In this Issue

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- CAIP Sign Up
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- KY Beef Conference
- Heart of America Grazing Conference
- And Much More.....



**MONEY FOR FARM
IMPROVEMENTS AVAILABLE...**



**KENTUCKY AGRICULTURAL
DEVELOPMENT FUND**

Eligible Investment Areas:

Large Animal
Farm Infrastructure
Fencing & On-Farm Water
Forage & Grain Improvement
Innovative Agriculture Systems
On-Farm Energy
Agriculture Diversification
Small Animal
Poultry & Fowl
Technology & Leadership Development
Value-Added & Marketing

Administered by:

Hart County Cattlemen's Association
P.O. Box 155
Munfordville, KY 42765
butch.bunnell@gmail.com

**COUNTY AGRICULTURAL
INVESTMENT PROGRAM (CAIP)**

Applications will be available for Hart County's CAIP to assist farmers in making important on-farm investments.

Application Period:

August 30, 2024 – September 20, 2024
No applications will be accepted before August 30, 2024 or after September 20, 2024.

There will be a CAIP Informational Meeting August 29, 2024 at 5:30 PM CST. The meeting will be held at the Hart County Fairgrounds. Changes to the CAIP program will be discussed.

Application Availability:

Hart County UK Extension Office.
Monday – Friday (8 a.m. – 4:00 p.m.)

For More Information:

Contact Butch Bunnell at 270-590-2312
Adam Maulden at 270-590-1005



BQCA Certification FREE in September 2024

The Kentucky Beef Network and University of Kentucky Extension are pleased to announce that they will be offering free Beef Quality and Care Assurance (BQCA) certifications in September 2024.

The Kentucky BQCA program takes national BQA practices one step further to provide a holistic program for Kentucky producers, by adding cattle handling and animal care components to the training modules. Educational modules provide the best management practices for handling cattle and providing for their well-being, in addition to training on the core principles of BQA.

The cost of BQCA enrollment is \$5 for in person training through their local county extension office and \$10 for online training, however from September 1-30, 2024 the Kentucky Beef Network and University of Kentucky Extension will be sponsoring the enrollment costs, making it free for producers.

Producers interested in taking advantage of this opportunity can visit www.kybeefnetwork.com to access the online training platform or contact their county extension office for training opportunities. "We are very excited for this partnership for our Kentucky cattlemen to continue to tell their story to consumers through sound management practices," says Kevin Laurent University of Kentucky Co-BQCA Coordinator.

Producers interested in taking advantage of this opportunity can visit www.kybeefnetwork.com for access to the online training platform or contact their county extension office for training opportunities.

Rinse & Return

Wednesday, September 4, 2024

12:30 - 2:00 pm

**Hart County Extension Office Parking Lot
505 A.A. Whitman Lane, Munfordville, KY**



Plastic Pesticide Container Recycling Guidelines

- 1. Triple rinse or pressure rinse all containers when emptied. Remember, it is best to rinse containers immediately after they are emptied. Some pesticide residues solidify quickly, and become difficult to remove from the container if left in the jug.**
- 2. Dispose of the Pesticide Caps and remove sleeves and labels from containers. The Pesticide Caps are made of different plastic material that cannot currently be recycled.**
- 3. Each empty pesticide container returned will be inspected to ensure it has been properly rinsed. Unrinsed containers will not be accepted.**



MASTER CATTLEMEN



10/15/2024 (6-9PM)

Topic- Reproduction & Record Keeping
Location- Barren County Extension Office

10/17/2024 (6-9PM)

Topic- Nutrition
Location- Metcalfe County Extension Office

10/21/2024 (6-9PM)

Topic- Genetics
Location- Allen County Extension Office

10/24/2024 (6-9PM)

Topic- Animal Health
Location- Monroe County Extension Office

10/29/2024 (6-9PM)

Topic- Marketing & Profitability
Location- Hart County Extension Office

11/4/2024 (6-9PM)


Topic- Facilities & Winter Feeding
Location- Barren County Extension Office

 Meal will be provided at each training.

You must be able to attend all 6 programs to receive your certification. If for some reason you can not attend a session please let us know in advance to make arrangements.



COST: \$150

 **Contact your Extension Office to register**

Barren County Extension Office
1463 West Main St. Glasgow, KY 42141
270-651-3818

Metcalfe County Extension Office
422 East St. Edmonton, KY 42129
270-432-3561

Allen County Extension Office
200 E. Main St. Scottsville, KY 42164
270-237-3146

Monroe County Extension Office
288 Commerce Dr. Tompkinsville, KY 42167
270-487-5504

Hart County Extension Office
505 A. A. Whitman Lane Munfordville, KY 42765
270-524-2451



Speaker: Kenneth Clayton

GET ONLINE TRAINING FOR HOME LAWN IMPROVEMENT

Do you want a greener, healthier lawn? Join us for an educational series to learn essential turf basics for creating and maintaining your home lawn.

Who should join?

- Homeowners
- Property Renters
- Homeowner Associations

What will I learn?

Session 1- September 9th: Lawn Establishment & Renovation

Session 2- September 16th: Lawn Maintenance

Session 3- September 23rd: Weed Management

***At the end of each session, there will also be time for questions and answers.**



SCAN ME

**Sign up today using this QR code!
Deadline to Register is September 5th.**

**For more information, contact
the Warren County Extension Office
at (270) 842-1681.**

Dates & Time:

September 9, 16, 23
6:00 p.m. – 7:00 p.m. CT

Location:

Virtual Event via Zoom

Register at:

<https://uky.zoom.us/joining/register/tZ0rceGqqD8sHdHNryDIMQOnnXImuc4yPCJb>

Registration Deadline:

September 5th

Program Fee: \$20

which includes a copy of the Home Lawn Improvement Guidebook

Kristin J. Hildabrand

Kristin Hildabrand
Warren Co. Extension Agent
for Horticulture

Cooperative Extension Service

Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, actual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodations of disability may be available with prior notice. Program information may be made available in languages other than English.
University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
Lexington, KY 40506



Disabilities accommodated with prior notification.



Martin-Gatton
College of Agriculture,
Food and Environment
University of Kentucky.

THE 2ND ANNUAL RAISING HOPE



FARMERS' APPRECIATION DAY

A Day Dedicated to Honoring Kentucky's Farmers

Awards Presentation

Free Health Screenings

Educational Safety, Health, and Rescue Booths

Agricultural Career Fair

Free Burgers, Hotdogs, and Ice Cream Until Gone

SEPT 18TH 2024 - 9:30 AM - 12:30 PM CT

Western Kentucky University L.D. Brown Ag Expo Center
406 Elrod Road, Bowling Green, KY 42104



In Partnership With:





Fall Frost and Freeze Information for The Bluegrass State

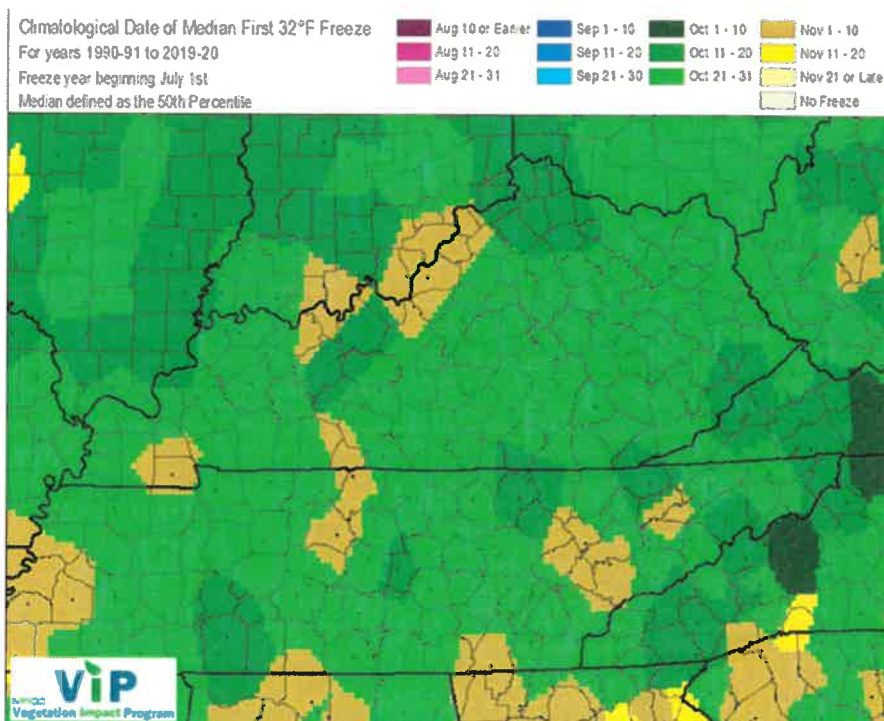


By Derrick Snyder – National Weather Service Paducah, KY

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.



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



Greg Brann



Matt Poore



Alan Franzluebbbers



Ray Smith



Greg Halich



Chris Teutsch

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

Kentucky Master Grazer Educational Program



Kentucky Forage and Grassland Council

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: _____



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

"Today's Challenges, Tomorrow's Opportunities"

Kentucky Beef Conference



October 24, 2024

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

9:00—10:00

Registration, visit
sponsors

\$10 registration fee

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

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

Genomics Technology

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

11:00— Marketing Update & Outlook

Dr. Kenny Burdine, UK Beef Economic
Extension Specialist

12:00 Lunch

1:00— Animal Tagging Update

Dr. Michelle Arnold, UK Extension Ruminant
Veterinarian

1:30— KY Beef Cattle Health Update

Dr. Steve Velasco, KY Department of
Agriculture State Veterinarian

2:00—Adjourn

**Cooperative
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Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

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Disabilities
accommodated
with prior notification.

2024 Kentucky Intermediate Grazing School

Helping livestock producers improve profitability with classroom and hands-on learning

Emphasis on ruminants - beef, dairy, sheep, & goats

Wednesday, September 27, 2023

Thursday September 28, 2023

*****MEET AT WOODFORD COUNTY EXTENSION OFFICE EACH MORNING*****

- 7:30 Registration and refreshments
- 8:00 Introduction of staff and participants
- 8:15 Grazing math and small group planning for field exercise-Dr. Katie VanValin, UK
- 9:15 Break & travel to field demonstration area
- 9:45 Getting comfortable with electric fencing-Jeremy McGill
- 10:15 Portable water system setup-Dr. Jeff Lehmkuhler, UK
- 10:40 Methods to assess forage availability-Dr. Ray Smith, UK
- 11:00 Hands-on: setting up small paddocks for grazing demonstrations-All Instructors
- 12:00 Return to Woodford County Extension Office
- 12:30 Lunch (Woodford County Cattlemen)
- 1:00 Hands on plant ID-Ray Smith, UK
- 1:30 Options for getting water to livestock-Dr. Jeff Lehmkuhler and Chris Teutsch, UK
- 2:30 Managing tall fescue in grazing systems-Jimmy Henning
- 3:15 Exploring plant root systems-Ray Smith and Chris Teutsch
- 4:00 Adjourn
- 4:30 Discussion and adjourn

- 7:30 Refreshments
- 8:45 Understanding and managing nutrient cycles in grasslands-Dr. John Grove, UK
- 9:30 Managing shade in grazing systems-Dr. Katie VanValin, UK
- 9:30 Break
- 10:00 Drought proofing your grazing system-Dr. Chris Teutsch, UK
- 10:30 Utilizing the Graze Model for planning-Jimmy Henning, UK and Adam Jones, NRCS
- 11:15 How I made grazing work on the farm-Todd Clark, Clark Family Farm
- 12:00 Lunch (Woodford County Cattlemen)
- 1:00 Optimizing the use of existing forage resources-Dr. Chris Teutsch, UK
- 1:30 Travel to field demonstration area
- 2:00 Field exercise: observe grazed paddocks and hear reports from each group
- 3:00 Forst seeding clover-Brittany Hendrix and Dr. Chris Teutsch, UK
- 3:45 Annuals for extending grazing-Dr. Ray Smith, UK
- 4:15 Final comments, diplomas, and adjourn
- 4:30 Adjourn



2024 Kentucky Intermediate Grazing School

Helping livestock producers improve profitability with classroom and hands-on learning

When: September 25-26, 2024

Where: Woodford County Extension Office
184 Beasley Drive, Versailles, KY 40383

Cost: \$60/Participant – includes all materials, grazing manual, grazing stick, morning refreshments, and lunch both days

Program Registration: DEADLINE is September 22, 2023

Online Registration with CREDIT CARD AT:

<https://www.eventbrite.com/e/intermediate-grazing-school-tickets-943745988657?aff=oddtcreator>

Registration by U.S. Mail with CHECK:

Caroline Roper
UK Research and Education Center
PO Box 469, Princeton, KY 42445

Name: _____

Street: _____

City: _____

State: _____ Zip Code: _____

Cell Phone: _____

Email: _____



Number of participants _____ x \$60 per participant = _____ Total Amount

Please make checks payable to KFGC



The **KENTUCKY**
Forage and Grassland
COUNCIL



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

Kentucky Master Grazer
Educational Program



RETURN SERVICE REQUESTED

42765-0367
Munfordville, KY
P.O. Box 367
Hart County

University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service



Fall Spiced Pumpkin Bread

½ cup all-purpose flour	2 teaspoons pumpkin pie spice	½ cup honey
1¼ cup whole-wheat flour	½ teaspoon salt	2 cups pumpkin puree
1½ teaspoons baking powder	½ cup melted margarine	⅓ cup olive oil
1 teaspoon baking soda	½ cup sugar	2 eggs
		⅓ cup chopped walnuts

Heat oven to 350 degrees F. **Mix** flours, baking powder, baking soda, pumpkin spice and salt; set aside. In a large mixing bowl, **whisk** together margarine, sugar, honey, pumpkin puree and olive oil. **Blend** in eggs. **Add** flour mixture. **Stir** until dry ingredients are moistened. **Spray** a 8-by-4 inch loaf pan with non-stick cooking spray. **Pour** batter into pan; **sprinkle** walnuts on top of batter. **Bake** for 1 hour. **Remove** from oven

and **cover** with foil. **Return** to oven and **bake** an additional 20 minutes or until toothpick inserted in center comes out clean. **Cool** for 10 minutes and **remove** from pan.

Yield: 16 slices

Nutritional Analysis: 220 calories, 13 g fat, 2 g saturated fat, 30 mg cholesterol, 270 mg sodium, 26 g carbohydrate, 1 g fiber, 14 g sugars, 4 g protein.



Plate it up!

