



Jessamine County
Agriculture



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

AGRICULTURE NEWS

AGRICULTURE & NATURAL RESOURCES

Cooperative
Extension Service
Jessamine County
95 Park Drive
Nicholasville, KY 40356
(859) 885-4811
www.jessamine.ca.uky.edu

Steve Musen
Jessamine County Extension Agent
Agriculture and Natural Resources



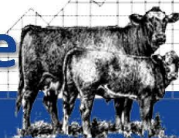
October 2023



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

"Today's Challenges, Tomorrow's Opportunities"

Kentucky Beef Conference



October 26, 2023

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In person

Clark County Extension Office
1400 Fortune Dr
Winchester, Kentucky 40391

9:00—10:00

Registration, visit
sponsors

\$10 registration fee

**RSVP by October 20th
to Clark County
Extension Office
859.744.4682**

10:00—Welcome & Sponsor Recognition

Levi Berg, Clark County Agriculture & Natural Resources Extension Agent

University of KY Remarks & Welcome

Dr. Scott Radcliffe, UK CAFÉ Animal & Food Sciences Department Chair

Beef Outlook & Marketing Strategies

Troy Applehans, Cattle-FAX Analyst

11:00— Fecal Egg Count Reduction Test

Dr. Jeff Lehmkuhler, UK Beef Nutrition Extension Specialist and Dr. Michelle Arnold, UK Ruminant Extension Veterinarian

11:30— Tools for Beef Producers

Dr. Les Anderson, UK Beef Extension Specialist

12:00 Lunch

1:00— LRP & Price Risk Protection

Dr. Kenny Burdine, UK Beef Economic Extension Specialist

2:00—Adjourn

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

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Lexington, KY 40506



Disabilities
accommodated
with prior notification.

Upcoming Events

- | | | | |
|-----------|--|--------|--|
| Oct 12 | Jessamine County Goat Producers
6:00p @ Jessamine Extension | Oct 20 | Central KY Hay Contest Deadline
(see flyer) |
| Oct 13-14 | Jessamine County Cattlemen
Grilling @ Tractor Supply | Oct 26 | Kentucky Beef Conference
9:00a-2:00p @ Clark County (see flyer) |
| Oct 16 | Jessamine County Cattlemen
6:30p @ Jessamine County Extension | Oct 31 | BQCA Training
(see Page 3 for details) |
| Oct 17 | Antique Tractor Meeting
6:30p @ Jessamine County Extension | Nov 1 | KY Grazing Conference
(see flyer) |
| Oct 19 | Farm Bureau—Youth Speech Contest
(see flyer) | Nov 7 | KY Fencing School
(see flyer) |

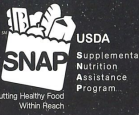
For more information on any of these programs, please contact the Jessamine County Extension Office



Healthy Recipe From Cook Wild Kentucky



This institution is an equal opportunity provider. This material was funded by USDA's Supplemental Nutrition Assistance Program — SNAP.



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

Duck and Potatoes

- 1 wild duck, cleaned
- 1 unpeeled apple, cut in half
- 3 to 4 cups water
- ½ teaspoon salt
- ¼ teaspoon pepper
- 4 large potatoes, diced
- 3 carrots, peeled and sliced
- 1 large onion, diced
- 2 teaspoons ground sage

Place whole duck and apple in a 5-quart kettle with 3 to 4 cups of water. Cover. Boil for 30 minutes. Place duck in 15x10 baking dish, add 2 cups liquid from boiled duck. Season

with salt and pepper. Cover. Bake at 350 degrees Fahrenheit for 45 minutes. Add potatoes, carrots, onion, and sage. Bake 45 minutes to 1 hour longer or until duck and potatoes are tender. (The internal temperature of the duck should reach 165 degrees Fahrenheit at the leg joint.) If necessary, add water to keep liquid on duck and potatoes.

Note: To reduce fat content, remove skin and visible fat before cooking. This will also reduce "wild" flavor.

Yield: 6 servings

Nutrition Facts	
6 servings per container	
Serving size 3 ounces meat, one potato, 1/2 cup vegetables (484g)	
Amount per serving	% Daily Value*
Calories 600	
Total Fat 29g	37%
Saturated Fat 10g	50%
Trans Fat 0g	
Cholesterol 150mg	50%
Sodium 190mg	8%
Total Carbohydrate 46g	17%
Dietary Fiber 6g	21%
Total Sugars 7g	
Includes 0g Added Sugars	0%
Protein 38g	
Vitamin D 0mcg	0%
Calcium 53mg	4%
Iron 10mg	60%
Potassium 1,430mg	30%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.



Agriculture Opportunities:

Jessamine County Goat Producers

October 12th—Jessamine County Extension Office @ 6:30p

Jessamine County Cattlemen Association

October 13-14—Grilling at Tractor Supply Parking Lot
October 16— 6:30p, Monthly Meeting @ Extension Office
October 17-24, Educational Tour to New Mexico

Farm Bureau—2023 Outstanding Youth Speech Contest

October 19 (see flyer for details)

2023 Central Kentucky Hay Contest

October 20—Sign-Up Deadline
(see flyer for details)

Kentucky Beef Conference

October 26—Clark County Extension Office
1400 Fortune Dr. Winchester
Registration starts at 9:00a (see flyer for details)
(Meets CAIP Education Requirements)

Beef Quality and Care Assurance (BQCA) Training

October 31—6:00p @ Jessamine County Extension Office
A light meal will be provided—Please Pre-Register by Friday, October 27
(Meets CAIP Education Requirements)

KY Grazing Conference

November 1—7:30a-3:30p @ Fayette County Extension
Low Stress Livestock Handling for Serious Grazers
(see flyer for Registration Information) (Meets CAIP Education Requirements)

2023 KY Fencing School

November 7—7:30a-4:30p @ Scott County Extension Office
(see flyer for Registration Information) (Meets CAIP Education Requirements)

Follow us on Facebook

@ Jessamine County Agriculture



Fall Grazing Dos and Don'ts

“Avoid overgrazing. Some species can tolerate more defoliation than others, but in general, plants must not be grazed lower than 4 inches.”

Although it's fall now, KY and many regions of the US are still experiencing the aftermath from an exceptionally dry summer. Even as milder temperatures bring cool-season forages out of their drought-induced dormancy, producers must continue to be mindful about grazing management. A recent article by Craig Shaeffer at Univ. of MN reminded producers to avoid overgrazing, reduce stocking rates, give pastures adequate rest, and control weeds this fall.

Avoid overgrazing. Some species can tolerate more defoliation than others, but in general, plants must not be grazed lower than 4 inches. This is typically advised at any time of year, but it is especially critical following a dry growing season. When cool-season forages go dormant during drought, plant leaves and stems stop growing but growing points and crowns remain active. Overgrazing removes these growing points and drains root reserves.

Orchardgrass and other perennial cool season grasses store energy in stem bases and are especially susceptible to combined stress of overgrazing and drought. Shallow rooted species like KY bluegrass and clovers are also damaged by overgrazing.

Reduce stocking rates. With less forage available, reducing the number of animals on pasture will stretch feed supplies. This can be achieved by culling cattle from the grazing herd and/or relocating livestock to a dry lot or sacrifice paddock and feeding them hay. Assess feed costs and cull prices to determine the most cost-effective solution. If feeding hay, calculate how much forage will be needed through the winter. For example, one 1,200-pound cow that eats 2% of its bodyweight in hay will eat approxi-

mately 2.5 tons of forage from Oct through May.

Give pastures rest. Even if pastures start to green up after some precipitation, drought-stressed plants are likely not strong enough to withstand regular grazing. Giving livestock access to a pasture before it has sufficient time and moisture to make a full recovery can reduce stand persistence.

It takes 4 to 6 inches of water to produce a ton of cool-season grass or alfalfa. Smaller amounts of rainfall may stimulate regrowth, but grazing should be delayed until there is 8 to 10 inches of regrowth. While grazing regrowth before plants reach these minimum heights may provide forage, it can weaken plants and reduce the long-term productivity of the pasture.

Control weeds Some weed species can take advantage of drought conditions and proliferate when cool-season forage goes dormant. Many weeds are low nutritive value, and some weeds like lambsquarters and pigweed can accumulate high levels of nitrates during drought. To successfully eliminate weeds, it is best to apply herbicide around a rainfall event. Always read the herbicide label prior to use.

Excerpt from article by Amber Friedrichsen, Hay and Forage Grower. Hayandfor-



Fall Horticulture Webinar Schedule is Packed with Helpful Information for All Growers

Each Wednesday, University of Kentucky Cooperative Extension specialists offer a horticulture webinar to address popular topics and issues for the state's fruit and vegetable growers. This fall, the lineup is robust with plenty of room to join in from any location at 12:30 p.m. EDT.

Registration is free. To register for September webinars, visit <https://tinyurl.com/SeptHortWebinars>. For October offerings, visit <https://tinyurl.com/OctHortWebinars>.

Dates and topics:

- Oct. 4, – Fall Asters, host Erika Wood, Hopkins County Cooperative Extension horticulture agent.
- Oct. 11 – Tree Galls, host Micael Skvarla, Penn State University entomology specialist.
- Oct 25—Holiday Cactus, host Dennis Morgeson, Washington County Cooperative Extension horticulture agent.

Forage Timely Tips: October

- Feed hay to allow cool-season pastures to accumulate forage growth for winter grazing.
- Do NOT harvest or graze alfalfa fields in Oct.
- Inventory and test each hay lot for nutritive value and consult a nutritionist to design a supplementation program as needed.
- Remove ruminants from pastures that contain Johnsongrass when frost is expected (also sorghum-sudangrass and sudangrass) Even small patches of johnsongrass that have been frost can cause prussic acid poisoning.
- Begin strip grazing early planted small grain and brassicas (turnips and rape) mixes by the end of this month..



**Organized and Sponsored by the Kentucky Forage and Grassland Council,
UK Cooperative Extension Service, and the Master Grazer Program**

This program is designed for producers and agricultural professionals to learn the newest fencing methods and sound fencing construction through a combination of classroom and hands-on learning

WHEN: November 7-Scott County, KY
November 9-Caldwell County, KY

WHERE: Scott County Extension Office
1130 Cincinnati Road
Georgetown, KY 40324

Kentucky Soybean Board Office
1000 Highway 62 West
Princeton, KY 42445



COST: \$35/participant -- includes notebook, refreshments, safety glasses, hearing protection, and catered lunch

Registration DEADLINE: 1 week prior to workshop

ONLINE Registration with Credit Card:

_____ Georgetown, KY [Register for KY Fencing School in GEORGETOWN](#)

_____ Princeton, KY [Register for KY Fencing School in PRINCETON](#)



Registration by U.S. Mail: Christi Forsythe
UK Research and Education Center
P.O. Box 469
Princeton, KY 42445

Name: _____

Street: _____

City: _____ State: _____ Zip code: _____

Email: _____ Cell Phone: _____

Number of participants _____ x \$35 per participant = _____ **Total Cost**



Make CHECKS payable to: KFGC

For more information contact Krista Lea at 270-625-0712 or Christi.Forsythe@uky.edu

2023 Kentucky Fencing Schools



2023 Kentucky Fencing School Agenda

7:30 Registration and Refreshments

8:15 Welcome and Overview of the Day – *Chris Teutsch, UK*

8:30 Fencing Types and Costs - *Morgan Hayes, UK*

9:00 Fence Construction Basics – *Eric Miller and Payton Rushing, Stay-Tuff*

- Perimeter fences vs. cross fences
- Fencing options on rented farms
- Proper brace construction
- Line posts and fence construction

9:45 Break – visit with sponsors and presenters

10:15 Electric Fencing Basics - *Jeremy McGill, Gallagher*

- Proper energizer selection and grounding
- Proper high tensile fence construction and wire insulation
- Electric offset wires for non-electric fences
- Underground wires and jumper wires

11:00 Innovations in Fencing Technologies - *Josh Jackson, UK*

- Wireless fences, fence monitoring, fence mapping

11:30 Overview of Kentucky Fence Law - *Clint Quarles, KDA*

12:15 Catered Lunch - visit with sponsors and presenters

1:00 Hands-on Fence Building

- Safety, fence layout, and post driving demo - *Jody Watson and Tucker LaForce, ACI*
- H-brace construction - *Jeremy McGill, Gallagher & Eric Miller and Payton Rushing, Stay-Tuff*
- Knot tying, splices, and insulator installation - *Jeremy McGill, Gallagher & Eric Miller & Payton Rushing, Stay-Tuff*
- Installation of Stay-Tuff Fixed Knot Fence - *Eric Miller and Payton Rushing, Stay-Tuff*
- Installation of High Electrified Tensile Fencing - *Jeremy McGill, Gallagher*

4:30 Questions, Survey and Wrap-up



Grazing Conference

Low Stress Livestock Handling for Serious Graziers

October 31, 2023

Elizabethtown

Hardin County Extension Office

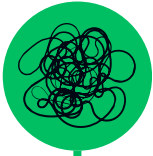
7:30 AM - 3:30 PM CDT

November 1, 2023

Lexington

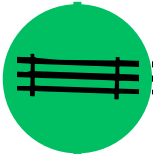
Fayette County Extension Office

7:30 AM - 3:30 PM EDT



Reducing Livestock Stress in Grazing Systems

Curt Pate, Curt Pate Stockmanship



Fencing for Multi-Species Grazing

Lewis Sapp, Stay-Tuff Fence



Designing Flexible Watering Systems

Jeff Lehmkuhler, University of Kentucky



Designing Livestock Handling Facilities for Existing Structures

Chris McBurney, McBurney Livestock Equipment



Local Producers and Spokesperson Contest



Optimizing Resources with Multi-Species Grazing

Greg Brann, Greg Brann Consulting

For more information please visit KFGC.ORG

Our speakers...

Curt Pate is a nationally renowned expert in low stress livestock handling. His focus on reducing stress in grazing systems makes him unique.

Lewis Sapp is a nationally recognized fencing expert with extensive experience in both temporary and permanent fencing systems.

Jeff Lehmkuhler is an award winning extension educator with more than 20 years of experience in designing flexible watering systems.

Chris McBurney has over 25 years of experience in designing, fabricating, and installing livestock facilities throughout the eastern United States.

Greg Brann is well known for his extensive knowledge of grassland ecosystems, grazing management, and mixed species grazing.

Tickets: \$45 Advance / \$60 Onsite / \$15 Students

Register Online:

Elizabethtown-<https://2023-KY-Grazing-Conference-Hardin>

Lexington-<https://2032-KY-Grazing-Conference-Fayette>

Register by Email: info@kfgc.org

Register by Phone: 513-470-8171

Register by Mail: Christi Forsythe, PO Box 469, Princeton, KY 42445

Make Checks payable to: **KFGC**

Name: _____

Street: _____

City: _____

State: _____ Zip Code: _____

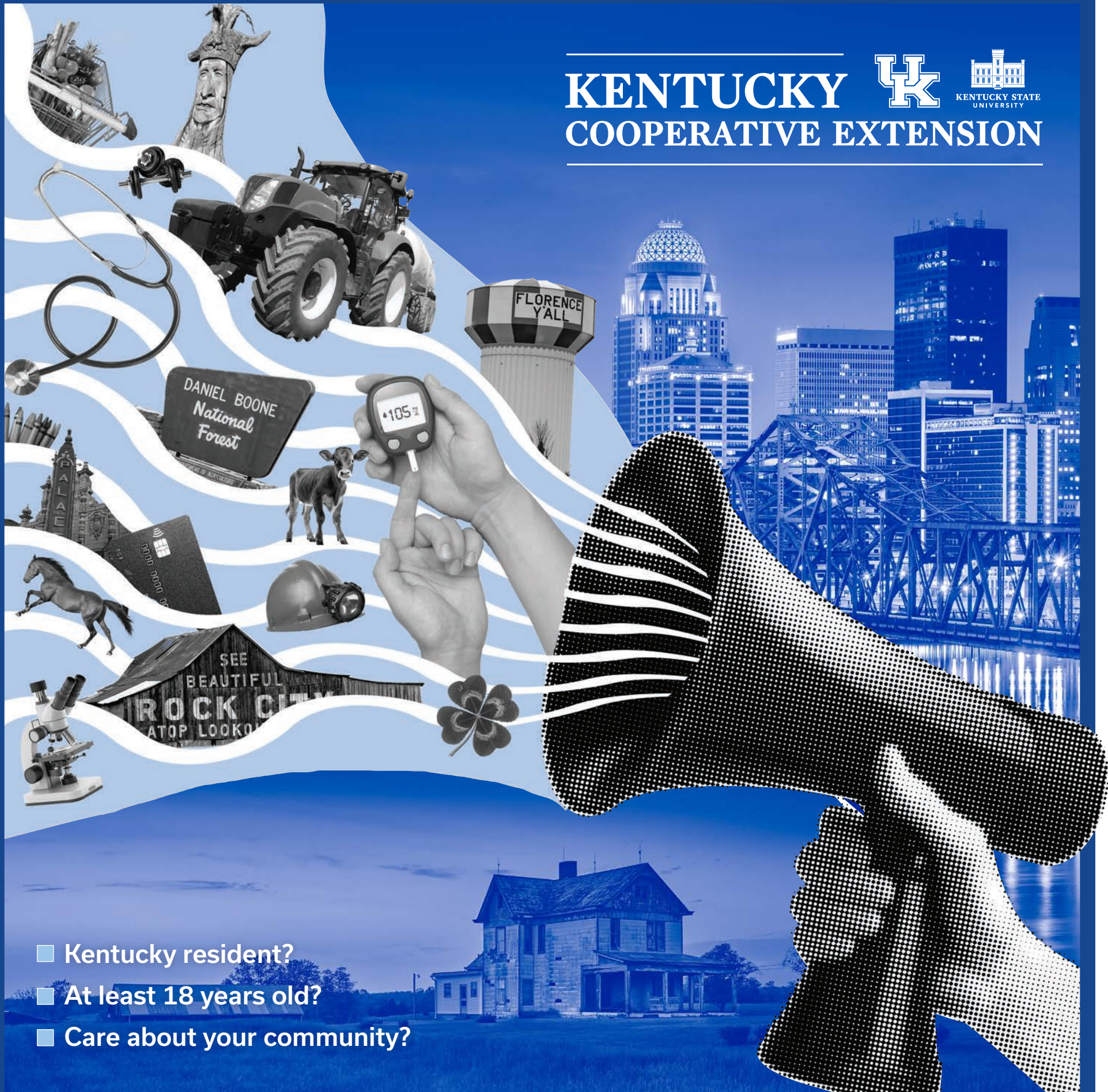
Cell Phone: _____

Email: _____

Number of participants _____ x \$45per participant = _____ Total Amount

Names of additional Participants: _____





- Kentucky resident?
- At least 18 years old?
- Care about your community?



HOW CAN WE serve you??

Take our ten-minute survey to help us develop programs addressing needs in your community. Scan the code above or visit:

go.uky.edu/serveKY

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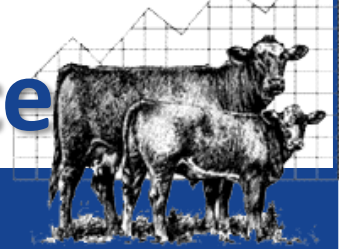
Contact your local Extension Office for a paper copy of the survey.



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"Today's Challenges, Tomorrow's Opportunities"

Kentucky Beef Conference



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In person

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Beef Outlook & Marketing Strategies

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Extension Specialist and Dr. Michelle Arnold,
UK Ruminant Extension Veterinarian

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2:00—Adjourn

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Disabilities
accommodated
with prior notification.

Jessamine County Farm Bureau



2023 Outstanding Youth Speech Contest

Thursday, October 19th

5:30 pm

Farm Bureau Office

614 N. Main St. Nicholasville

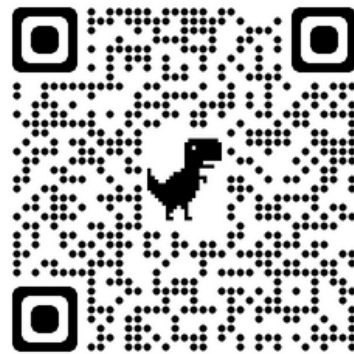
- Personal interview
- 2-minute prepared speech related to agriculture or Farm Bureau
- Winners (1 male & 1 female) will advance to the District 8 Contest
- Monetary prizes per winner

Questions?

ali.myers@jessamine.kyschools.us



Application



Handbook

Jessamine County Extension Office
 95 Park Drive
 Nicholasville KY 40356

2023 CENTRAL KENTUCKY HAY CONTEST

Is your hay the best?

Testing provides nutritional value of hay to assist in balancing rations, and can result in reduced feed cost, increased animal performance, and information to improve forage stands.

Free analysis to determine hay quality and livestock needs.



Scan the QR code
 or call (859) 885-4811
 to sign up.



**DEADLINE TO REGISTER:
 OCTOBER 20, 2023**

Cooperative Extension Service

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

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 accommodated
 with prior notification.