



Jessamine County
Agriculture



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

AGRICULTURE NEWS

AGRICULTURE & NATURAL RESOURCES

Cooperative
Extension Service
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Steve Musen
Jessamine County Extension Agent
Agriculture and Natural Resources



October 2022



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

"Today's Challenges, Tomorrow's Opportunities"

Kentucky Beef Conference



October 17, 2022

In person

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

5:30-6:30

Registration, visit
sponsors, meal

\$10 registration fee

RSVP by October 10th

**to Fayette County
Extension Office**

859.257.5582

Zoom Webinar –FREE Registration Link:

[https://forms.gle/
JfvpRkiQ1Hx9ocnh9](https://forms.gle/JfvpRkiQ1Hx9ocnh9)

Once registration is
complete, you will be
emailed the zoom link.

6:30—Welcome & Sponsor Recognition

Beau Neal, Fayette County Agriculture &
Natural Resources Extension Agent

Extension Remarks

Dr. Laura Stephenson, UK Extension
Director

Beef Outlook & Marketing Strategies

Patrick Linnell, Cattle-FAX Analyst

7:15—Asian Longhorned Tick Concerns

Dr. Michelle Arnold, UK Ruminant
Extension Veterinarian

7:45-Feeding Drought Stressed Forages

Dr. Jeff Lehmkuhler, UK Beef Nutrition
Extension Specialist

8:05—Breeding Stock Investment in Expanding Beef Market

Dr. Kenny Burdine, UK Beef Economic
Extension Specialist

8:30—Adjourn

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

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color, age, sex, religion, disability, or national origin. University of Kentucky, Kentucky State
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LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.

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Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
LEXINGTON, KY 40546



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Upcoming Events in Agriculture

- | | | | |
|--------|--|--------|--|
| Oct 11 | UK Beef Mgt Webinar Series
"Shooting the Bull" | Sep 27 | @ Clark County Extension Office
Jessamine County Beekeepers |
| Oct 15 | Eden Shale Farm Open House
10:00a Tour Starts—See Flyer | Nov 8 | 6:00p @ Jessamine County Extension
UK Beef Mgt Webinar Series |
| Oct 17 | Kentucky Beef Conference
6:00p at Fayette Extension | Dec 13 | "From Hay Sample to Feed Bunk"
UK Beef Mgt Webinar Series |
| Oct 17 | Jessamine County Cattlemen
6:30p @ Jessamine Extension | | "Packer and Consumer Trends" |
| Oct 20 | Kentucky Beef Bash
@ UK's Princeton Research Station | | |
| Oct 27 | Kentucky Grazing Conference | | |

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

Healthy Recipe From Cook Wild Kentucky

BBQ Venison Meatballs

Meatballs

- 1 pound ground venison (may substitute elk or beef)
- 1/2 cup 2% milk
- 3/4 cup rolled oats
- 1/2 cup minced fresh onion
- 1/4 teaspoon salt
- 1/4 teaspoon black pepper

Sauce

- 1 cup ketchup
- 1/2 cup water
- 1/2 cup grated onion
- 2 tablespoons vinegar
- 1/4 cup brown sugar
- 1/4 teaspoon black pepper

Combine venison, milk, oats, onion, salt, and pepper in a large bowl. Use a sturdy spoon or clean hands to mix well. Shape meat mixture into 12, 1-inch balls, and place in a shallow 9-by-13-inch baking pan. Combine all the sauce ingredients in a bowl and stir well. Pour sauce over meatballs. Bake uncovered at 350 degrees F for 1 hour, turning over twice.

Yield: 6 servings

Adapted from: "Fish & Game Cookbook," Bonnie Scott. 2013.

Nutrition Facts

6 servings per recipe
Serving size 2 meatballs (139g)

Amount per serving
Calories 160

	% Daily Value*
Total Fat 3g	4%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 65mg	22%
Sodium 220mg	10%
Total Carbohydrate 14g	5%
Dietary Fiber 1g	4%
Total Sugars 6g	
Includes 3g Added Sugars	6%
Protein 20g	
Vitamin D 0mcg	0%
Calcium 43mg	4%
Iron 3mg	15%
Potassium 322mg	6%

* 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.



Upcoming Opportunities:

Eden Shale Farm Open House

Saturday, October 15th at Kentucky Beef Network's Eden Shale Farm at 245 Eden Shale Rd., Owenton KY 40356. See flyer. Meets CAIP Education Requirements.

Kentucky Beef Conference

Monday, October 17th at the Fayette County Extension Office, 1140 Harry Sykes Way, Lexington 40504. Registration starts at 5:30p ET. \$10 registration includes a meal. Please register at (859) 257-5582 by October 10th. ZOOM link available. See flyer on first page. Meets CAIP Education Requirements.

Beef Bash 2022—Recovering and Rebuilding from a Natural disaster

Thursday, October 20th at the Beef Unit, U.K. Research and Education Center, 394 University Dr., Princeton KY 42445. Registration starts at 9:00a CT. No cost to attend. Lunch available to purchase. See Flyer. Meets CAIP Education Requirements.

2022 Kentucky Grazing Conference—Profitable Grazing Systems from the Soil Up

Thursday, October 27th at the Clark County Extension Office, Winchester. Pre-registration required. See flyer for more information. Meets CAIP Education Requirements.

Jessamine County Beekeepers' Club

Thursday, October 27th, 6:00pm
At: Jessamine County Extension Office

UK Beef Management Webinar Series

October 11, 2022—Shooting the Bull:
November 8, 2022— From Hay Sample to Feed Bunk
December 13, 2022— Packer and Consumer Trends with Some Holiday Beef Ideas
See Page 5 for more details. Meets CAIP Education Requirements

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@ Jessamine County Agriculture



Improve the Efficiency of Winter Feeding

“It can be easy to get caught up in things we have little to no control over, so here are five things we can do to improve this year's winter-feeding program”

Undoubtedly, 2022 has had its fair share of challenges thus far. High input prices likely led to fewer hay acres being fertilized, which with the added pressure of drought, can lead to lower quality and quantity of stored forages moving into this winter. You might be in for sticker shock if you haven't purchased feed recently. It can be easy to get caught up in things we have little to no control over, so here are five things we can do to improve this year's winter-feeding program.

1. **Body condition score the herd:** Calves should be weaned from the spring calving cows (or will be very soon). It's easy to get caught up focusing on the weaning weight of the calves or managing a pre-conditioning program but don't forget about the cows. Now is the time to assess the body condition score of the herd. Spring calving cows will have their lowest nutrient requirements of the entire year shortly after weaning the calf. Now is the time to efficiently add condition to thin cows to set them up for success during the 2023 breeding season. Sorting cows by body condition score can allow for more efficient herd management and for those thin cows to receive the extra nutrition they require without overfeeding them in adequate condition. It is much more challenging to add condition to cows as they approach calving or

have a calf at side. The ideal body condition score for mature cows is 5, while targeting younger females to a BCS 6 can ensure they have the extra condition required to meet their additional nutrient requirements for supporting growth.

2. **Test your hay:** This is something we always recommend, but in years like 2022, this becomes even more important. Hay tests provide valuable information about the energy and protein concentrations in the sample. All lots of hay should be tested, and a lot is defined as hay harvested from the same field on the same day and stored under the same conditions. Testing all lots of hay allows producers to match lots of hay to the herd so that the lowest quality hay is being fed when the cows' nutrient requirements are the lowest while saving the best quality hay for when nutrient requirements are their highest. Feeding the right hay to the right cow at the right time can drastically decrease the amount of supplement required to maintain body condition.

3. **Evaluate supplement costs:** At some point throughout the year, some supplementation is likely required to meet the energy and protein requirements of the herd. Using hay test results can help determine the most efficient supplement to

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UK Beef Management Webinar Series

We will start back on the UK Beef Management Webinar Series on October 11 with a Shoot the Bull session and the full agenda for the fall is below. Registration is necessary if you have not registered in the past (If you have ever received an invitation then you should be registered). If you would like to register, please send an email to dbullock@uky.edu with Beef Webinar in the subject line and your name and county in the message. You will receive the direct link with a password the morning of each meeting. This invitation will directly link you to the site and you will be asked for the password which can be found just below the link. Each session will be recorded and posted for later viewing. **All meeting times are 8:00pm ET/7:00pm CT.**

The library of all UK beef related videos, including past webinars, can be found at: https://www.youtube.com/playlist?list=PLC5aJFY_Be8XJZ_03_QI73TK0826T8Fjq

Remember all sessions are 8:00pm Eastern/ 7:00pm Central and please let us know if you have any issues.

October 11, 2022

Shooting the Bull: Answering all your Beef Related Questions! – Updates and Roundtable discussion with UK Specialists

November 8, 2022

From Hay Sample to Feed Bunk: Winter Feeding Considerations for Cattle – Katie Mason, Assistant Professor, University of Tennessee

December 13, 2022

Packer and Consumer Trends with Some Holiday Beef Ideas – Gregg Rentfrow, Extension Professor, University of Kentucky and Alison Smith, Kentucky Beef Council Retail and Foodservice

“We will start back on the UK Beef Management Webinar Series on October 11 with a Shoot the Bull session”

Beef Bash 2022
Recovering and Rebuilding from a natural disaster

Date: Thursday October 20th, 2022

Time: Registration 8:30 AM CT
Program starts at 9 AM CT

Location: The beef unit at the University of Kentucky Research and Education Center.

348 University Dr
Princeton, KY 42445
*Signs will be posted to the beef unit

MAKE PLANS TO JOIN US!
Commercial exhibitors
Educational exhibits and demonstrations
University of Kentucky, College of Agriculture Food & Environment personnel and administrators

No cost to attend
Lunch available to purchase

 University of Kentucky
Beef Extension

Improve the Efficiency of Winter Feeding (cont)

“Consider setting up a simple strip grazing system using temporary electric fencing to prevent trampling losses when turning cattle out on stockpiled forages”

match the energy and protein deficits in the hay. The University of Kentucky Forage Supplement tool is a simple-to-use online tool that provides recommendations for supplementation based on hay test results. Also, reach out to your local county extension agent or nutritionist to assist in interpreting hay test results. Now is the time to sharpen the pencil and determine which supplement options will be the most economical to pair with available forage. Remember, the feed that was the most economical last year may not be the most economical choice this year. Just because one feed costs more on a \$/Ton basis does not mean it is the most expensive supplement to feed. The amount of a particular supplement required must also be considered.

4. Feed hay efficiently: Regardless of quality, when the quantity of hay is tight, available hay stores must be fed efficiently. Research has shown that feeding hay in a hay ring prevents feeding waste, especially rings that contain a solid skirted bottom. Hay feeding pads and fence line feeders can also reduce hay feeding losses. While these measures will not

completely reduce hay feeding losses, these losses can be reduced from 45% to as little as 6% by using hay rings. Moving hay rings or utilizing bale grazing can help to limit trampling damage around these hay feeding sites and help to distribute manure evenly across the feeding area.

5. Stockpiling forages: Although nitrogen application can increase the amount of stockpiled forage available to graze during the winter, tall fescue can still stockpile even without a nitrogen application. Closing off certain fields during the fall growing season can allow the forages in these fields to stockpile, which can then be grazed during the late fall and early winter. While the nutrient quality of stockpiled fescue declines over time, nutrient content can remain adequate for supporting dry cows. Consider setting up a simple strip grazing system using temporary electric fencing to prevent trampling losses when turning cattle out on stockpiled forages.

Dr. Katie VanValin, Assistant Professor Beef Nutrition, University of Kentucky

Pest-Proof Your Home



- Install door sweeps or thresholds at the base of all exterior entry doors,
- Seal utility openings.
- Seal cracks around windows, doors, fascia boards, etc. .
- Repair gaps and tears in window and door screens.
- Install 1/4-inch wire mesh (hardware cloth) over attic, roof, and crawl space vents.
- Consider applying an exterior (barrier) insecticide treatment.

2022 Kentucky Grazing Conference

Profitable Grazing Systems from the Soil Up

Western Kentucky - October 26th

Grayson County Extension Office, Leitchfield

Eastern Kentucky - October 27th

Clark County Extension Office, Winchester

- 7:30 Registration
- 8:30 My soil is alive! **Ray Archuleta**
- 9:30 Right-sizing your cows for profit **Les Anderson**
- 10:30 Don't let grazing myths impact your profitability **Greg Halich**
- 11:15 Hay Feeding Strategies to Build Fertility in Grazing Systems
Nick Roy & Fred Thomas
- 12:00 Lunch
- 1:15 Producer Speaker / Forage Spokesperson Contest
- 2:15 The role of extended grazing in profitable ruminant livestock
operations **Jim Gerrish**
- 3:15 Closing



Tickets: \$35 Advance / \$50 Onsite / \$15 Students

Leitchfield: <https://2022GrazingLeitchfield.eventbrite.com>

Winchester: <https://2022GrazingWinchester.eventbrite.com>



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Nicholasville, KY 40356

JOIN US AT EDEN SHALE FARM OPEN HOUSE OCTOBER 15

Tour begins at 10AM EST. Please call the KCA office at **(859) 278-0899**
or email **kbn@kycattle.org** to reserve your spot for lunch.
Reservations are capped at 100 participants.



**245 Eden Shale Road
Owenton KY 40359**

