



Jessamine County
Agriculture

*Have a Merry
Christmas
and a Safe and
Happy
New Year!*



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



December 2024/January 2025

UK Beef Student Seminar Presentations

Come Join Us For Presentations On:

- Reproduction
- Health
- Genetics



Presentations will be given by students of the University of Kentucky ASC 406 Beef Cattle Science class.

Monday December 9th, 2024	Pre-register by December 6th by calling (859) 885-4811
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Meets CAIP Education Requirements

Jessamine Co. Extension Office | 95 Park Dr., Nicholasville, KY 40356



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LEXINGTON, KY 40546



Disabilities accommodated with prior notification.

Upcoming Events in Agriculture

Dec 9	UK Beef Student Seminars 6:00p @ Jessamine Extension	6:30p @ Jessamine Extension
Dec 14	Winter Annuals and Winter Feeding Field Day UK Research Center, Princeton KY (see flyer for details)	Dec 25-Jan 1 Jessamine County Extension Office Closed for Christmas/New Year
Dec 16	Central KY Hay Program 6:00p @ Fayette Co. Extension (see flyer for details)	Jan 6-7 2025 KY Fruit & Vegetable Conf. Marriott Griffin Gate, Lexington
Dec 16	Jessamine County Cattlemen	Jan 16-17 KCA Convention Owensboro Convention Center
		Jan 23 Jessamine County Beekeepers 6:00p @ Jessamine Extension (see flyer for details)

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

Venison Chili

- 1 pound ground venison
- 1 large onion, chopped
- ½ green pepper, chopped
- 2 tablespoons vegetable oil
- 1 (16 ounces) can diced tomatoes
- 2 (16 ounces) cans chili beans, undrained
- 1 (8 ounces) can tomato sauce
- 1 bay leaf
- ½ teaspoon salt
- ½ teaspoon cumin
- ½ teaspoon garlic powder
- 1 tablespoon chili powder
- Black pepper to taste

In a Dutch oven or large skillet, brown meat, onion, and green pepper in vegetable oil. Add remaining ingredients. Simmer 1 hour on low heat, stirring frequently. Remove bay leaf before serving.

Alternative to stove-top cooking: use slow cooker set on high for 4 hours

Yield: 10 servings

Adapted from Wild Game: From Field to Table, Sandra Bastin, PhD, RD, Extension Food and Nutrition Specialist. Revised July 2007

Nutrition Facts	
10 servings per container	
Serving size 1 cup (230g)	
Amount per serving	
Calories	190
% Daily Value*	
Total Fat 4.5g	6%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 40mg	13%
Sodium 640mg	28%
Total Carbohydrate 20g	7%
Dietary Fiber 2g	7%
Total Sugars 4g	
Includes 0g Added Sugars	0%
Protein 16g	
Vitamin D 0mcg	0%
Calcium 67mg	6%
Iron 3mg	15%
Potassium 586mg	10%

* 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 Training Opportunities:

UK Beef Students' Educational Seminars

December 9th, 2024, 6:00p Dinner and 6:30 presentations start at the Jessamine County Extension Office. Pre-registration required.

See Page 1 for Registration Information. Meets [CAIP Education Requirements](#)

UK Beef Management Webinar Series

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.

All meeting times are 8:00pm ET and meets [CAIP Education Requirements](#).

Dec 10, Jan 14, Feb 11, March 11, and April 8

Winter Annuals and Winter Feeding Field Day

December 14, 2023, 10:00m – 12:00p CT at the UK Research and Education Center. 348 University Drive, Princeton, KY.

Registration Information on flyer. Meets [CAIP Education Requirements](#).

2025 Kentucky Fruit and Vegetable Conference

The 2025 Kentucky Fruit and Vegetable Conference will be Monday and Tuesday January 6-7, 2025 with pre-conference events on Sunday, Jan. 5 at the Marriott Griffin Gate Resort in Lexington, KY. This premier, state-wide event annually brings together approximately 600 growers, researchers, and technical support providers. The conference is devoted to fruit, vegetable, and cut flower production, handling, harvesting, marketing, storage, and related topics.

Registration info at: <https://kyhortcouncil.org/kentucky-fruit-and-vegetable-conference/>

2024 KCA Convention

Kentucky Cattlemen Association Annual Convention and Trade Show.

January 16-17, 2024 at the Owensboro Convention Center

Registration and schedule at: <https://www.kycattle.org/convention.html>

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Changes to CAIP Beef Bull Cost-Share Program

“Significant changes to the CAIP Beef Bull Cost-share program have been approved for 2025.”

Significant changes to the CAIP Beef Bull Cost-share program have been approved for 2025. Both Kentucky and Tennessee have similar programs but have traditionally had different Expected Progeny Differences (EPD) requirements. The guidelines committees of the two states met and came to consensus on a set of guidelines that are now uniform across the state line. Some of the major changes are highlighted in this article, however, pay close attention to the full requirements before purchasing a bull for cost-share funding.

- The number of bull categories has been reduced to 3; Balanced Trait/Maternal, Terminal Sire and Carcass Merit. There is no longer a Heifer Acceptable category, however, recommended minimal Calving Ease Direct or Birth Weight EPDs are provided for those that plan to breed the bull to heifers.
- There are only EPD requirements for CED/BW and Growth traits OR CED/BW and an appropriate Economic Selection Index value depending on the breed. There is no longer a milk requirement for Balanced Trait/Maternal, however a range is recommended for producers to consider staying within. There are also recommendations for maximum Mature Weight EPDs and minimum Docility EPDs.
- The formatting has changed. Instead of all breeds' requirements being listed in a table for each bull category, they are now listed by breed with the requirements and recommendations for each category.
- All bulls will still be required to be genomically tested and have Genomically Enhanced EPDs! Contact your breed association for more information on how to accomplish this.

These new requirements will be implemented starting January 1, 2025. Please bear with us as we make this transition, we will try to work through any issues that arise. In the long run this will simplify bull purchases across the KY/TN state line and will improve the program overall.

The next open enrollment period for the Jessamine County CAIP program will be June 2025. Stay tuned to the June 2025 Jessamine County Extension Agriculture Newsletter for more information.

Source: Dr. Darrh Bullock, U.K. Beef Extension Professor





Winter Considerations for Cattle

- Review winter feeding plan
- Ensure that winter feeding area is at least 100 to 150 feet away from streams, wells, sink holes, etc.
- Inspect water systems in preparation for winter months and protect them from freezing
- Ensure safe dependable water sources
- Limit access to streams/ ponds

An Equal Opportunity Organization.

Winter Cover Crop can Improve Garden Soil

No matter how small your garden is, it can play an important role in absorbing carbon dioxide from the atmosphere and temporarily locking it in the soil. There are a number of ways you can improve on this natural cycle, but at this time of year, the best way is through a cover crop.

Soil left bare over the winter months is susceptible to weed growth, erosion that can wash away valuable nutrients and a loss of carbon into the atmosphere. Soil nitrogen left over from this year’s crop is subject to leaching due to fall and winter precipitation. Planting a fast-growing cover crop can help prevent these problems. The term crop in this context may be misleading. These plants are not meant to be harvested. Instead, they add important nutrients, promote beneficial bacterial growth and stabilize the soil.

Easy and effective cover crops that can be planted at this time of year include annual rye grass, hairy vetch, red clover and winter rye.

Annual rye and winter rye are particularly effective as late-season cover crops. They germinate quickly and are an effective barrier against weeds. Grasses, however, do not capture nitrogen in their root system, so consider pairing rye with a legume, such as red clover or hairy vetch.

Hairy vetch and red clover work well as a cover plant, whether paired with rye or by themselves. Being legumes, they are excellent at fixing nitrogen in the soil. They are also prolific enough to reduce weeds and prevent erosion. In the spring, their blossoms will attract bees to your garden. If you worry about hairy vetch or clover reseeding in your lawn – though they’re pretty plants and would add biodiversity and important

nutrients – just cut them back before they bloom.

Come spring, you have two options. You can turn over your cover crop into the soil, allowing your vegetables or flowers to benefit from the nutrients it will slowly release. Or you can cut it back and let it die naturally, planting directly into the crop and using it as a mulch to continue to suppress weed growth and supply nutrients to your garden. Depending on which cover you plant, this may be easier said than done, because some, particularly grasses, are difficult to directly sow or plant into.

Grasses have a densely packed root system, which make them difficult to till or turn over. If your garden is particularly small or you’re gardening in raised beds, rye might not be your best option. However, vetch and clover both have root clumps which are easily dug up and turned over or planted between. Be sure to terminate the cover crop before allowing the plants to go to seed.

By: Dr. Rick Durham, U.K. Extension Professor, Department of Horticulture

“There are a number of ways you can improve on this natural cycle, but at this time of year, the best way is through a cover crop.”



WINTER ANNUALS AND WINTER FEEDING FIELD DAY

Saturday, December 14, 2024

University of Kentucky Research and Education Center

10:00 a.m. - 12:00 p.m.

348 University Drive, Princeton, KY 42445

Topics include:

- Winter hay feeding strategies
 - Bale grazing
 - Strip grazing stockpile
 - Hay feeders
- Simplifying winter nutrition
- Stockpiling fescue
- Frost seeding
- Planting and grazing winter annuals
- **FREE LUNCH** included!



Kentucky Master Grazer
Educational Program



This event is FREE to attend. Please register for a headcount for FREE lunch.

***Please follow signage once arriving at the Research & Education Center**



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





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

Join us for an evening of all things hay!

CENTRAL KENTUCKY HAY PROGRAM

PROGRAM FEATURES:

- ✓ Central KY Hay Contest Awards
- ✓ Understanding your forage test results
-Dr. Jimmy Henning, UK Extension Forage Specialist
- ✓ Determining quality horse hay
-Dr. Bob Coleman UK Extension Equine Specialist
- ✓ How I make quality hay: Tips for Success
-Producer panel



When: Monday, December 16th, 2024

Where: Fayette County Extension Office,
1140 Harry Sykes Way, Lexington, KY 40504

Time: 6:00 – 8:00pm

Dinner will be served so please RSVP to the Fayette County Extension Office at 859-257-5582 or fayette.ext@uky.edu before December 9th!

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MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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RETURN SERVICE REQUESTED

JESSAMINE COUNTY
BEEKEEPER'S CLUB
JANUARY MEETING

**Laura Sparkman talks about:
Beginning beekeeping -
What gear to start with**

**Join Our FB page:
Jessamine County
Beekeepers**

95 PARK DR
NICHOLASVILLE, KY
6PM 1/23/25

