



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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Jessamine County Extension Agent  
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### June/July 2023

#### ATTENTION JESSAMINE COUNTY FARMERS

Jessamine County FFA Alumni is now offering 11 investment areas for Ag Development cost share dollars. Applications can be picked up at the Jessamine County Extension Office **June 14th**. Extension office is located at 95 Park Dr. at the Fair grounds. All applications will be due back to the Extension office by the **6<sup>th</sup> of July, 2023**.

#### Investment areas:

- |   |  |
|---|--|
| 1. Agricultural Diversification             | 6. Forage and Grain Improvement        |
| 2. Animal, Large (beef, dairy, equine)      | 7. On Farm Energy                      |
| 3. Animal, Small (goat, sheep, bee, rabbit) | 8. Poultry and Other Fowl              |
| 4. Farm Infrastructure                      | 9. Technology & Leadership Development |
| 5. Fencing and On-Farm Water                | 10. Value-Added and Marketing          |
| 11. Innovative Agriculture Systems          |  |

To view individual program areas, go to [www.kyagr.com/agpolicy](http://www.kyagr.com/agpolicy) and click on KADF Programs then to KADF Program Portal, then to Applicants then to 2023 Program Guidelines then find CAIP programs. You can receive up to 4000.00 on a 50/50 match.

New State rule, this year you must submit a canceled check or credit card statement showing the purchase along with a dated receipt. **NO CASH PURCHASES ALLOWED. Automatic disqualification if you don't have Water Quality Plan on file at Soil Conservation office. Brenda Lynch 859-885-4673 --- 308 West Chestnut Str.--- Mon.- Thur. 8:45 - 5 pm**

If you were accepted to receive CAIP funds in the 2022 program you can't apply again until 2024 CAIP.

We will have a county information **meeting June 13th at 6:30pm** at Jessamine Career & Technology Center (JCTC). Applications will be available at the meeting. Feel free to call numbers below for more information or any questions.

Funding period will be retroactive to **Jan. 1, 2023 until April 25<sup>th</sup> 2024**. No receipts will be accepted after **April 25th, 2024**.

For more information contact **Carl Waits 859-948-5527** or **Gary Burdine 859-381-7912**.

***Program is funded through the Kentucky Agricultural Development Fund***

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Disabilities  
accommodated  
with prior notification.

## Upcoming Events in Agriculture

June 7	Electric Fence Troubleshooting Ard Ridge Cattle Co., Nancy, KY (see flyer for details)	June 22	Jessamine County Beekeepers 6:00p @ Jessamine Extension (see flyer for details)
June 13	CAIP Information Meeting 6:30p @ JCTC	June 29	2023 Pest Mgt. Field Day UKREC Farm, Princeton KY (see flyer for details)
June 17	20th Annual Kentucky Wine & Vine Fest with John Michael Montgomery	<b>July 4th</b>	<b>July 4th Office Closed</b>
June 19	Juneteenth Holiday	July 9-15	Jessamine County Fair
June 19	Jessamine County Cattlemen 6:30p @ Jessamine County Extension	Aug 17-27	Kentucky State Fair
June 19-23	Jessamine County 4-H Camp	Sept. 1	Jessamine County Ag. Tour More Info to Come!

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



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**Cook Wild KENTUCKY**

**Venison Cabbage Rolls**

**KENTUCKY**  
FISH & WILDLIFE RESOURCES

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

**SNAP**  
USDA Supplemental Nutrition Assistance Program  
Putting Healthy Food Within Reach

This work is supported by the Expanded Food and Nutrition Education Program from the USDA National Institute of Food and Agriculture.

**EFNEP**  
expanding food and nutrition education program

## Healthy Recipe From Cook Wild Kentucky

### Venison Cabbage Rolls

- 12 large cabbage leaves
- 1 1/2 pounds ground venison (may substitute elk or beef)
- 1/4 cup grated onion
- 4 tablespoons butter
- 2 tablespoons Italian seasoning
- 1 1/2 cups cooked rice
- 1/8 teaspoon pepper
- 2 cans (15 ounces each) low-sodium tomato sauce
- Toothpicks

Place cabbage leaves in boiling water until tender, drain, and dry. Brown venison and onion in butter. Mix in the Italian seasoning, rice, salt, and pepper. Spoon about 2 tablespoons of meat mixture in center of a leaf, and fold the leaf over, tucking in the ends and securing with a toothpick. Repeat for all cabbage leaves. Place filled cabbage leaves in a 9-by-13-inch casserole dish, and pour tomato sauce on top. Cover with a lid or aluminum foil, and bake at 325 degrees F for 45 minutes.

Yield: 6 servings

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

Nutrition Facts	
6 servings per recipe	
<b>Serving size</b>	<b>2 rolls (443g)</b>
<b>Amount per serving</b>	<b>490</b>
<b>Calories</b>	<b>% Daily Value*</b>
<b>Total Fat</b> 10g	<b>13%</b>
Saturated Fat 6g	<b>30%</b>
Trans Fat 0g	
<b>Cholesterol</b> 120mg	<b>40%</b>
<b>Sodium</b> 180mg	<b>8%</b>
<b>Total Carbohydrate</b> 64g	<b>23%</b>
Dietary Fiber 3g	<b>11%</b>
Total Sugars 12g	
Includes 0g Added Sugars	<b>0%</b>
<b>Protein</b> 35g	
Vitamin D 0mcg	0%
Calcium 148mg	10%
Iron 8mg	45%
Potassium 647mg	15%

\* 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:

### Electric Fencing for Serious Grazers

June 7th, 9:00a-4:00p @ Ard Ridge Cattle Company  
814 Ard Ridge Road, Nancy,, KY  
(See attached flyer for registration information.)

### Jessamine County Goat Producers

June 8th—Jessamine County Extension Office @ 6:30p

### Jessamine County Cattlemen's Association

June 19th—Jessamine County Extension Office @ 6:30p

### Jessamine County Beekeepers

June 22nd—Jessamine County Extension Office @ 6:00p  
Speaker: Phil Craft, Former Kentucky State Apiarist  
(see flyer for details)

### 2023 Pest Management Field Day

June 29th 8:30a-12:30p EDT  
UKREC Farm, 1205 Hopkinsville St., Princeton KY  
(See flyer for details)

### Jessamine County Fair

July 9-23 @ The Jessamine County Fairgrounds  
95 Park Dr. Nicholasville KY  
Visit <https://jessaminefair.org/fair-schedule/> for Schedule

### Jessamine County Ag. Tour

September 1st, Starting and ending at Jessamine County Extension Office  
Transportation Sponsored by Jessamine County Farm Bureau  
More Detail to Follow!

### Follow us on Facebook

@ Jessamine County Agriculture



## Replacing or Rescuing Damaged Shrubs

**“The extreme cold spell at the end of December 2022 caused severe damage to many shrubs and bushes around Kentucky homes.”**

The extreme cold spell at the end of December 2022 caused severe damage to many shrubs and bushes around Kentucky homes. With plants greening up this spring, you may be wondering what to remove and what to attempt to rescue in your landscape.

The cold is just one part of the puzzle when shrub health declines. Other factors include soil pH, soil volume, too much or too little water and light availability.

Some shrubs may just need a good pruning and time to recover from the winter stress. If you want to try to revive the shrub through pruning, you’ll need to trim it down with sturdy pruning shears. Don’t remove more than one-third of the plant in a season. If the plant is healthy, it will soon produce new green shoots. If your shrub has more brown branches than green at the core, it may be time for you to remove it. When shrubs become too woody in the middle, start over with another plant.

Well-established shrubs may have large, complex root structures. Make sure to completely remove them before planting something new. Use the transition time to do a soil test so you know what amendments it will need before you bring home new plants.

If you must replace landscape shrubs and plants, Kentucky has more than 1,200 nurseries and retailers selling hundreds of types of trees, shrubs, groundcovers and perennials. With 120 counties of resources, you can buy locally without driving very far. The Kentucky Department of Agriculture’s Kentucky Proud program allows individuals locate local retail garden centers that market Kentucky-grown trees and shrubs. Search the garden center database at <https://www.kyagr.com/>

[agbus/products.aspx?group=19&category=112](https://www.kyagr.com/agbus/products.aspx?group=19&category=112).

Retailers looking to stock their garden centers with Kentucky-grown trees and shrubs may use the Landscape Plant Availability Guide <https://www.kyagr.com/marketing/plant/common-name-search.aspx>.

Kentucky also has many qualified nursery growers, retailers, landscapers and arborists. The Cooperative Extension Service offers many green-industry classes throughout the year. Kentucky nursery growers and retailers are a very well-trained group of horticulturists. They are familiar with Kentucky soil types, weather and other factors playing a role in plant performance.

When you visit a local nursery to choose new plants, make sure and read the tags and note the light, water and soil requirements. Ensure the new plants fit your landscape.

To learn more about transplanting container plants, check out the University of Kentucky Cooperative Extension publication *Planting Container-Grown Trees and Shrubs in Your Landscape*, HO-114. You can find it online here: <https://tinyurl.com/24fx9j9p>.

*Source: Dr. Rick Durham, UK Extension Horticulture Specialist*





## A Breeding Soundness Exam: Insurance for Your Breeding Season

I received the call last week. I seem to receive this call 6-8 times each year. This cow-calf producer had just finished getting his cows diagnosed for pregnancy. He had 43 cows falling calving cows. Last fall, these cows were synchronized for artificial insemination and were exposed to one bull for about 5 weeks and a second bull for 7 weeks. Only 22 cows conceived and all of them conceived to the AI. The first question I asked this rancher was the obvious one; did you get a breeding soundness exam (BSE) performed on your bulls? His response: the bulls had one when he bought them, but he had not had one done since (2-3 years). The bulls were checked and, sure enough, both were infertile.

What is a BSE? A BSE is a fertility exam performed on bulls by a veterinarian. A BSE has three components: scrotal circumference, a physical exam, and a semen evaluation. Scrotal circumference is highly correlated with semen output and serving capacity. It is recommended that a 12–13-month-old bull have a scrotal circumference of at least 30 cm. The physical exam is performed to simply ensure that a bull is physically up to the challenge of the breeding season. Are his feet and legs structurally correct? Is he free from injury and/or infection? The veterinarian then examines the bull's semen to determine if the sperm cells are normal. The bull is then graded as satisfactory, unsatisfactory, or deferred. Bulls classified as unsatisfactory are considered infertile and it is not recommended that they be used for breeding. Bulls that receive the deferred classification had some irregularities in their ejaculate and a second collec-

tion is required to determine his fertility. A BSE very accurately identifies bulls that are total infertile.

Results from surveys nationally and in Kentucky indicate that fewer than 20% of cattlemen routinely subject their bulls to a BSE. I am amazed by how few people obtain a BSE in their herd bull annually before each breeding season. We purchase car, health, life, and crop insurance why wouldn't we purchase a little breeding-season insurance? We protect ourselves against most disasters, but we don't protect our cow herd from the ultimate disaster? A BSE will cost \$50-100 so it is an inexpensive, easy form of risk management. I'm certain that the cattleman that called me wished he had gotten a BSE on his bulls before he found out that he had 21 open cows. So, protect your investment. Obtain a BSE on all your bulls 30 days before every breeding season.

*By: Dr. Les Anderson, Beef Extension Professor, University of Kentucky*



**“Results from surveys nationally and in Kentucky indicate that fewer than 20% of cattlemen routinely subject their bulls to a BSE.”**

JESSAMINE COUNTY  
BEEKEEPER'S CLUB  
MAY MEETING

**Speaker:**  
**Phil Craft**  
**former State Apiarist**

**Discusses:**  
**Mid-Summer**  
**Hive Management**

95 PARK DR  
NICHOLASVILLE, KY  
6PM 6/22/23



# 2023 Pest Management Field Day at the UKREC Farm June 29, 2023

Location: 1205 Hopkinsville St., Princeton, KY 42445  
Time: 8:30 a.m. to 12:30 p.m. CDT — Sign-in begins at 8 a.m. CDT



Pre-registration is highly recommended by June 22, 2023  
by either scanning QR Code, clicking web link, or by telephone.

[https://uky.az1.qualtrics.com/jfe/form/SV\\_4PjveAug6mK9rXU](https://uky.az1.qualtrics.com/jfe/form/SV_4PjveAug6mK9rXU)  
Or contact the UKREC at (270) 365-7541, ext. 22569.

### Topics and Speakers

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Palmer amaranth and Waterhemp control</li><li>• Weed Control in early planted soybean</li><li>• Weed Control in corn</li><li>• Italian ryegrass Research Update</li></ul> | <i>Travis Legleiter</i>                        |
| <ul style="list-style-type: none"><li>• Herbicide Resistant Johnsongrass</li><li>• Weed Management utilizing cover crops</li></ul>  | <i>JD Green</i><br><i>Erin Haramoto</i>        |
| <ul style="list-style-type: none"><li>• Corn Disease Research Update</li><li>• Entomology Research Update</li></ul>   | <i>Kiersten Wise</i><br><i>Raul Villanueva</i> |

Continuing Education Units for  
Certified Crop Advisors and Kentucky pesticide applicators available

Follow us on Twitter: @TravisLegleiter and @KYGrainCropsIPM

Like us on Facebook: KY Grain Crops IPM

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LEXINGTON, KY 40546



Disabilities  
accommodated  
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## *Kentucky Fencing Schools*

# **Electric Fencing for Serious Graziers: Installation and Troubleshooting**

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

**What:** Hands on electric fencing school covering installation and troubleshooting

**When:** June 7, 2023, 9 AM to 4 PM

**Where:** Ard Ridge Cattle Company  
814 Ard Ridge Road  
Nancy, KY 42544



**Registration  
limited to first  
30 participants!**

### **Preregistration Required:**

Register online at:

[https://2023 Nancy KY Fencing School.eventbrite.com](https://2023_Nancy_KY_Fencing_School.eventbrite.com)

Or call Christi Forsythe at 270-625-0712





## WORKSHOP AGENDA AND TOPICS

### **Classroom Sessions: Fundamentals of Electric Fencing**

- Electric fencing theory and principles-Morgan Hayes
- System layout and design-Jeremy McGill

### **Hands-on Sessions: Installation and Troubleshooting**

#### Installation of permanent electric fencing

- Installation of energizer and grounding system
- Making good connections
- Tying fence run ends together to enhance conductance
- Installation of underground cables for lead-out and gates

#### Using temporary fencing

- Utilizing an electrical offset for new and existing fencing
- Using reels and temporary posts for subdivisions
- Using a solar charger for temporary fencing
- Repairing breaks in polywire
- Training livestock to electric fencing

#### Troubleshooting Electrical Fences

- Testing grounding systems
- Using cutoff switches to isolate shorts
- Using fault finders to find shorts
- Diagnosing grounding problems
- Finding faulty insulators
- Finding broken lead out wires





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