

Have You Herd?

Cooperative Extension Service
Owen County Extension
265 Ellis Road
Owenton, KY 40359
(502) 484-5703
owen.ca.uky.edu



August 2024 Issue Agriculture & Natural Resources Newsletter

Don't Forget To Test Your Soil



Kendal Bowman

Hello everyone,

Can you believe it's already August? This summer has really flown by! I apologize for the delay in getting a newsletter out to you sooner. Over the past few months, we've been busy hosting a professional development day for Ag teachers from across the state, enjoying a successful county fair with impressive hay and crop entries, and conducting various programs on pond and hay field management. It's been rewarding to see several of our programs recognized statewide and even nationally. Thank you all for contributing to the success of these initiatives!

As the new school year begins, our high school students will be greeted with a brand-new state-of-the-art greenhouse. This addition will provide them with valuable skills for a future in the horticulture industry upon graduation.

We also want to bid farewell and best wishes to our Family Consumer Sciences Agent and 4-H Youth Development Agent as they move closer to their families in new counties. We wish them all the best in their next endeavors. Keep an eye out in the coming weeks for job postings to fill these positions.

August is an ideal time to start stockpiling fescue for your livestock to graze on during the winter months. Feel free to reach out if you have any questions about this process.

Thank you all for your continued support and enthusiasm. Here's to a productive month ahead!

Best regards,

SAVE THE DATE

ARTIFICIAL INSEMINATION School

SEPT. 13TH & 14TH

COST \$450
(EXPENSES C.A.T.I.P. & KSU REIMBURSABLE)

United Producers, Inc.
86 Bramblet Ln.
Owenton KY 40359
502-484-5703

CAIP-ED APPROVED

Sign up Today

<https://tinyurl.com/z5zfubxv>

Cooperative Extension Service

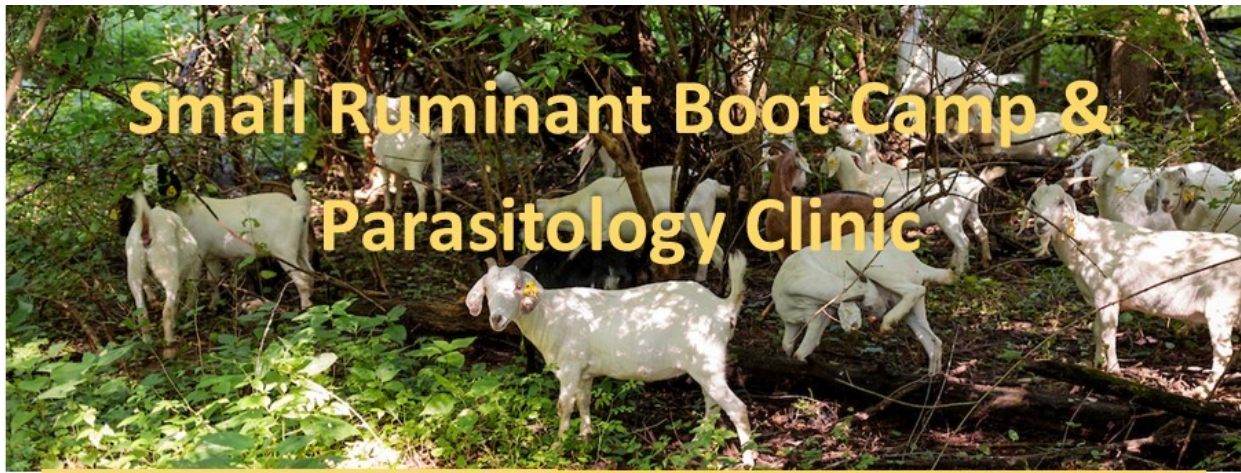
Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

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, sexual 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 accommodation 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.



Small Ruminant Boot Camp & Parasitology Clinic

Registration limited to 20 households

Price: \$35- includes 1 FAMACHA and lunch

Additional lunches- \$10 each

Register at <https://www.kysheepandgoat.org/product-page/small-ruminant-boot-camp-and-famacha-srqa-certification>

Registration deadline: Sept 6th

Sponsored By:

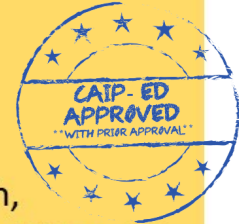
Online

Aug 19, Aug 24, Sept 2

In-person Clinic,

9:15am-4:15pm, Sept 14th, Grayson County Extension Office, 64 Quarry Road, Leitchfield, Kentucky 42754

Hosted By:



Farm to Table Dinner Fundraiser

August 24, 2024

6pm

430 Roland Avenue
Owenton, KY 40359



Tickets:
Single: \$45
Couple: \$80
Family (4) \$125



Kids Days



~~May 31, June 20, July 26~~, October 4



LIVESTOCK SHOW SCHEDULE

Dairy Goats, Poultry, Pigeons and Rabbit.....	August 15-17
Sheep.....	August 19-20 August 23-24
Dairy Cattle.....	August 15-16
Swine.....	August 21
Mules & Jacks.....	August 19
Beef Cattle.....	August 20-25
Meat Goats.....	August 19-21

ESTATE PLANNING

~~July 30th 6:30pm~~

LIVESTOCK HEAT STRESS MANAGEMENT

Aug. 21st 8:30am

FLY & PINKEYE CONTROL

Aug. 27th 6:30pm

AI SCHOOL

Sept. 13th & 14th

COVER CROPS

Sept. 18th 8:30am

CATTLE MARKET UPDATE

Sept. 24th 6:30pm

CARBON MARKETS

Oct. 16th 8:30am

FENCE & AG LAW

Oct. 22nd 6:30pm

CHUTE SIDE BQCA

Oct. TBA

IF THESE CLASSES INTEREST YOU, PLEASE MARK YOUR CALANDER!

AT THIS TIME MOST OF THESE PROGRAMS ARE TENTATIVE AND SUBJECT TO CHANGE

4th Tuesday Series

KENTUCKY COOPERATIVE EXTENSION

FLY & PINKEYE CONTROL



August 27th
6:30 PM

United Producers, Inc.
86 Bramblett Road
Owenton, KY 40359

Call Owen County Extension Office
(502) 484-5703 to REGISTER!

4th Tuesday Series

KENTUCKY COOPERATIVE EXTENSION

Cattle Market Update



September 24th
6:30 PM

Call Owen County Extension Office 502-484-5703 to REGISTER!

United Producers, Inc.
86 Bramblett Road
Owenton, KY 40359



KENTUCKY COOPERATIVE EXTENSION

LIVESTOCK HEAT STRESS MANAGEMENT



August 21st
8:30 AM

United Producers, Inc.
86 Bramblett Road
Owenton, KY 40359

Call Owen County Extension Office
(502) 484-5703 to REGISTER!

KENTUCKY COOPERATIVE EXTENSION

COVER CROPS



September 18th
8:30 AM

United Producers, Inc.
86 Bramblett Road
Owenton, KY 40359

Call Owen County Extension Office
(502) 484-5703 to REGISTER!



CATTLEMEN'S FUNDRAISER

Join us to get some delicious BEEF from Big Tricky's Catering!

SATURDAY, AUGUST 17TH
10:30 AM-1:30 PM

LOCATED IN FRONT OF HISTORICAL SOCIETY BUILDING



October 24, 2024
6 PM
Location TBA

MASTER CATTLEMEN 2024



BECOME A MASTER CATTLEMEN... The Master Cattlemen Program was created to give beef producers an in-depth educational course on beef cattle management. Producers completing the program will acquire knowledge that will help them make informed economic management decisions in the beef operations.

All Sessions will be held in the Northern Kentucky Area.

Participant must complete all six (6) three-hour sessions to become certified.

<p>November 4 Dr. Katie VanValin Assistant Extension Professor Extension Beef Specialist Nutrition</p>	<p>November 11 Kevin Laurent Senior Agriculture Extension Specialist Marketing & Profitability</p>	<p>November 18 Darr Bullock Extension Professor Animal & Food Sciences Genetics</p>	<p>BOONE 859-586-6101 CAMPBELL 859-572-2600 CARROLL 502-732-7030 GALLATIN 859-567-5481 GRANT 859-824-3355 KENTON 859-356-3155 PENDLETON 859-654-3395 OWEN 502-484-5703</p>
<p>November 25 Les Anderson Extension Professor Animal & Food Sciences Reproduction & Record Keeping</p>	<p>December 2 Dr. Morgan Hayes Assistant Extension Professor Josh Jackson Ag Engineering Specialists Facilities & Winter Feeding</p>	<p>December 9 Dr. Michelle Arnold UK Ruminant Extension Veterinarian Animal Health</p>	



CARROLL COUNTY CATTLEMEN'S
AUGUST 26, 2024

STOCKPILING TALL FESCUE

Carroll County Extension Office
6:00 p.m.

PROGRAM IS PRESENTED BY DR. HENNING

Call Your Local Extension Office to Sign Up
Locations TBA

Registration fee: \$125 includes all meals, class materials and a farm sign.

OPTIMIZING FERTILIZER USE FOR KENTUCKY CROPS

Proper fertilizer usage is essential for achieving high crop yields and farm profitability while maintaining soil health.

The Importance of Soil Testing

Soil testing is the foundation of effective nutrient management. The process involves collecting soil cores from 15-20 locations within a field/field area, to a specific depth. This method ensures that the samples are representative of the entire area, providing more accurate data on nutrient levels and soil pH.

Lime Application for Soil Health

Producers should apply lime based on soil test results to ensure that the soil pH is within the optimal range for their crops. By adjusting the soil pH, lime application can enhance nutrient uptake and improve overall soil health.

Fertilizer Recommendations for Various Crops

Different crops have varying nutrient requirements, and it is important to tailor fertilizer applications accordingly. Here are some specific recommendations for major crops grown in Kentucky:

Corn

Corn requires significant amounts of nitrogen, phosphorus and potassium for optimal growth. Soil testing can determine the exact nutrient needs, but general guidelines suggest applying nitrogen in split applications: a portion at planting and the remainder during the growing season. Phosphorus and potassium should be applied before/at planting, based on soil test results, to ensure adequate nutrition throughout the growing period.

Soybeans

Soybean, being a legume, can fix atmospheric nitrogen through a symbiotic relationship with a soil bacterial species. However, the crop still requires adequate phosphorus and potassium. Soil tests help determine appropriate application rates for these nutrients. Phosphorus and potassium for soybean should also be applied before/at planting.

Wheat

Wheat benefits from nitrogen, phosphorus and potassium applications. Sufficient wheat nitrogen nutrition may benefit from multiple splits: a small amount at planting, followed by additional applications just prior to/during tillering and another at early stem elongation. Phosphorus and potassium should be applied according to soil test results, before/at planting.

Tobacco

Tobacco has high nutrient demands, particularly for nitrogen and potassium. Nitrogen should be applied in split applications: a portion at planting and the remainder during the growing season. Potassium is critical for tobacco quality and should be applied according to soil test recommendations. Adequate phosphorus is also necessary, and both phosphorus and potassium are applied before/at planting, based on soil test results.

Benefits of Proper Fertilizer Usage

Following these fertilizer recommendations offers several benefits to farmers:

1. **Improved Crop Yields:** By providing crops with the right nutrients at the right times, farmers can achieve yields and a better-quality product.
2. **Enhanced Soil Health:** Proper nutrient management maintains soil fertility, ensuring long-term productivity.
3. **Cost Efficiency:** Applying fertilizers based on soil test results prevents both under and over application, optimizing yields and input costs while minimizing environmental impacts.
4. **Sustainable Practices:** Efficient fertilizer use supports sustainable farming by optimizing resource use and preserving soil quality for future generations.

Effective fertilizer use is crucial for successful crop production. By conducting regular soil tests and following crop-specific nutrient recommendations, growers can optimize their fertilizer applications. This approach not only enhances crop yields and soil health but also promotes sustainable farming practices. With careful management, producers can achieve productive and sustainable agricultural systems.

More info can be found at the University of Kentucky Martin-Gatton College of Agriculture, Food and Environment recommendation publication <https://www2.ca.uky.edu/agcomm/pubs/AGR/AGR1/AGR1.pdf>.

For more information on fertilizing crops and soil health, contact Owen County Extension Office of the University of Kentucky Cooperative Extension Service.

Source: John Grove, Department of Plant and Soil Sciences professor



Planting Fall Vegetables in Kentucky

It's not too late to continue to enjoy your garden and to add new plantings. You can grow a variety of produce in Kentucky gardens in the coming weeks and have several fresh items available well into the fall.

Cooler nights later in the year can increase the sugar content of many crops and thus increase their quality. Cooler nights also slow growth, so your crops can take longer to mature than in the summer. Keep this slower pace in mind when you check seeds for days to maturity.

Early August is the right time to make your last planting of bush beans, carrots, sweet corn, kale, collards, bibb lettuce, turnips, and cole crops such as kohlrabi, Chinese cabbage, Brussels sprouts, cabbage, cauliflower and broccoli. For late August and into September you can try planting mustard greens, spinach greens, radishes, turnip greens and leaf lettuce.

Before planting, remove any existing debris, including crops and weeds from your garden bed, move them to the compost bin and then prepare the soil.

If the previous crop was well fertilized and grew vigorously you may not need to add much, if any additional fertilizer, otherwise apply about 2 to 3 pounds of a complete fertilizer such as 5-10-10 or 10-10-10 per 100 square feet of planting area.

Remember to keep fall gardens well watered as this tends to be a fairly dry time in Kentucky. A weekly irrigation sufficient to wet the soil to 6 or 8 inches should be adequate. This is more or less equivalent to a weekly 1-inch rain.

To learn more about fall gardening options, contact your Owen County Cooperative Extension Service and ask for publication ID-128, "Home Vegetable Gardening in Kentucky." You may also view the publication online at <http://www2.ca.uky.edu/agcomm/pubs/id/id128/id128.pdf>



Connecting Kentucky Veterans with Agriculture Opportunities

FIELD DAY

Saturday, August 3rd

11:00am - 3:00pm

Christian County Extension Office

2850 Pembroke Road

Hopkinsville, KY 42240

Join us to celebrate the AgVets program, share information on resources for veterans and active-duty service members, and enjoy a FREE MEAL and games for the whole family!



GUEST SPEAKERS



Raising Hope and Mike Lewis, National Center for Appropriate Technology

To register, scan the QR code or visit <https://tinyurl.com/AgVetsFieldDay24>



THE BERRY CENTER FARM & FOREST INSTITUTE Fall 2024 Low-Impact Forestry Offerings

Practical Farm Woodland Management	September 20-22
Woodland Tools & Their Applications	October 4-6
Chainsaw Skills Training: Introduction	October 18-19 *Women's Only* November 2-3
Chainsaw Skills Training: Advanced	November 16-17
Logs to Lumber	October 26
Woodland Management for Wildlife Habitat	December 7 (half-day)

SHARED USE EQUIPMENT

EXTENSION OFFICE
502-484-5703

SOUTHERN STATES
502-484-3482

Battery Powered Fence Staple Gun
Available For 1 Week
\$150 Refundable Deposit
Staples Available For Purchase

7' & 10' Great Plains Seed Drill
\$100 per day.
Saturday & Sunday count as a day.

Soil Probe
Available For 2 Weeks
6 Free Samples A Year

Electric 4-8 Comb, Honey Extractor, Electric Knife, & Bucket
Available For 1 Week
\$150 Refundable Deposit

Lime Buggy
\$100 per day, \$60 1/2 day.
Saturday & Sunday count as a day.
-Lime \$25 per ton @ the store.
-Or order your own lime from the quarry.

Hay Probe
Available For 2 Weeks
6 Free Basic Samples A Year

Fertilizer Buggies:
\$25 per load or up to 4 hours.
\$50 pickup fee if buggy kept over 4 hours.

Digital Moisture & Temperature Probe
Available For 2 Weeks

300g Sprayer
\$100 per day.
-Customer must purchase tank cleaner and clean the sprayer before and after use.

Soil Compaction Meter
Available For 2 Weeks

Gas Powered Auger with 2" & 6" Bit
Available For 1 Week
\$50 Refundable Deposit

Gas Powered Post Driver
Available For 1 Week
\$50 Refundable Deposit

Presto 23 Quart Pressure Canner with Induction Compatible Base, Presto 7 Function Canning Kit
Available for 1 Week \$100 Refundable Deposit

OK Corral/Chute
\$100 per day.



BQCA

Beef Quality & Care Assurance

~~MAY 28TH 10AM~~
~~JUNE 13TH 10AM~~
~~JUNE 13TH 6PM~~
AUG. 6TH 10AM
AUG. 6TH 6PM
CHUTE SIDE IN OCT. TBA

\$10 FEE
LOCATION OWEN CO EXTENSION OFFICE
MUST RSVP 502-484-5703
MAY ALSO COMPLETE ONLINE



KENTUCKY COOPERATIVE EXTENSION



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



WINTER FEEDING CONSIDERATIONS FIELD DAY

**Monday, September 30,
2024 6:00 p.m.**

Join the Carroll County Cattlemen's along with Dr. Higgins



RSVP at the August
Cattlemen's Meeting
or call the office

8385 Hwy 36 E.,
Sanders, KY 41083

Call Number:
502-732-7030



FREEZER BEEF CONSIDERATIONS

Join us for a session with Dr. Gregg Rentfrow, UK Extension Meat Specialist, as he shares insights on factors to consider when contemplating raising freezer beef for personal consumption or for sale.

**August 29th
6:30pm**



Owen County Extension Office
265 Ellis Rd
Owenton, KY, 40359

RSVP 502-484-5703



Cooperative
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University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
Lexington, KY 40506



ARTIFICIAL INSEMINATION School



SEPT. 13TH & 14TH

COST \$450

(EXPENSE IS C.A.I.P. & KSU REIMBURSABLE)

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<https://tinyurl.com/z5zfubxv>

Basic Repro Anatomy - Basic AI Technique - Handling Semen- Synchronization - Heat Detection

Stockpiling for Fall and Winter Pasture: A Guide for Cattle Producers

Late summer and fall offer unique opportunities for cattle producers to maximize their pasture for fall and early winter grazing through a practice known as stockpiling. This method, involving the strategic management of grass species, timing, fertilizing, and grazing systems, ensures high-quality forage when it's most needed.

Optimal Grass Selection

The key to successful stockpiling is choosing the right grass. Cool-season grasses like tall fescue and Kentucky bluegrass are ideal due to their ability to maintain green color and forage quality into the winter. Among these, tall fescue stands out, offering greater fall and winter growth compared to bluegrass.

Timing and Fertilization

The stockpiling process begins in late July or early August. Producers should remove cattle, apply the necessary fertilizer, and allow the grass to grow until November or December. Fertilization, especially nitrogen application, plays a crucial role. Research from Kentucky shows that bluegrass and tall fescue yield significantly more dry matter when fertilized with nitrogen in mid-August.

Efficient Grazing Management

To make the most of stockpiled pastures, efficient grazing management is essential. Producers should graze grass-legume fields post-frost before moving to stockpiled grass fields. Utilizing temporary electric fencing to create grazing strips can help minimize waste and maximize the use of high-quality forage.

Classes of Cattle

Stockpiled grass is particularly beneficial for fall-calving cows, providing essential nutrition during calving and breeding seasons. Spring-calving cows in thin body condition can also benefit, regaining condition before winter. Weaned cattle and backgrounders can reduce feed costs by grazing on stockpiled grasses.

Animal Performance

Stockpiled tall fescue's high quality, due to increased protein and sugar content in the fall, leads to substantial gains in both weaned stock and mature cows. Studies show that calves grazing endophyte-free tall fescue gain more weight compared to those grazing endophyte-infected fescue.

Economic Benefits



Extending the grazing season with stockpiled grass can reduce the need for stored feed and labor, cutting wintering costs significantly. For instance, stockpiled tall fescue has shown to reduce hay requirements and labor needs, providing an economical advantage to producers.

In conclusion, stockpiling adapted cool-season grasses like tall fescue and bluegrass offers a practical solution for extending the grazing season, reducing winter feed costs, and providing high-quality forage for cattle during critical periods. Proper management of fertilizer application and grazing can maximize these benefits, ensuring efficient and productive use of pastures.

August 2024

OFA Best Days of August 2024

Purchase Animals: 1,2,28,29 Castrate Animals: 18,19
 Breed Animals: 11,22 Slaughter Livestock: 11,12
 Wean Animals: 22,26 Mow to Promote Growth: 11,12
 Mow to Slow Growth: 28,29

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4 <i>heart</i>	5 <i>heart</i>	6 BQCA 10 AM & 6PM Owen County Extension Office <i>belly</i>	7	8 <i>breast</i>	9 <i>breast</i>	10 Field Day 11AM-3PM Christian County Extension <i>heart</i>
11 <i>secrets</i>	12 <i>secrets</i>	13 <i>thighs</i>	14 <i>thighs</i>	15  15 STATE FAIR BEGINS Third Thursday Thing Forestry 10AM Harold R. Benson Research & Demonstration Farm <i>thighs</i>	16 <i>reins</i>	17 Cattlemen's Fundraiser 10:30 AM-1:30 PM In Front of Historical Society Building <i>reins</i>
18 <i>secrets</i>	19 <i>secrets</i>	20 <i>thighs</i>	21 Livestock Heat Stress Management 8:30 AM UPI <i>thighs</i>	22 <i>thighs</i>	23 <i>knees</i>	24 Farm to Table Dinner 6 PM 430 Roland Avenue Owenton, KY 40359 <i>knees</i>
25  25 STATE FAIR ENDS <i>legs</i>	26 Stockpiling Tall Fescue 6 PM Carroll County Extension Office <i>legs</i>	27 Fly & Pinkeye Control 6:30 PM UPI <i>feet</i>	28 <i>feet</i>	29 Freezer Beef Considerations 6:30 PM Owen County Extension Office <i>head</i>	30 <i>head</i>	31 <i>neck</i>



ITALIAN CHICKEN SUMMER SQUASH SKILLET

INGREDIENTS:

- 1 red bell pepper, diced
- 1 yellow bell pepper, diced
- 1 sweet onion, diced
- 2 large tomatoes, diced
- 3-4 garlic cloves, finely diced
- 3 medium summer squash, sliced crosswise
- 1 cup whole grain rotini pasta, uncooked
- 1 1/4 pounds boneless skinless chicken breast
- Nonstick cooking spray
- 1 (8 ounce) can tomato sauce
- 2 tablespoons dried Italian seasoning
- 1/2 cup shredded Parmesan cheese
- Salt and pepper to taste

DIRECTIONS:

1. Slice squash into 1/4 inch pieces.
2. Combine all vegetables, with garlic in a bowl. Side aside.
3. Cook pasta according to package directions.
4. Cut chicken into bite size pieces.
5. Spray large nonstick skillet with cooking spray, heat to medium.
6. Add chicken; cook 6 minutes or until no longer pink, stirring occasionally.
7. Add vegetable mixture to the skillet.
8. Add tomato sauce and dried Italian seasoning.
9. Stir well. Increase heat, cover and bring to a boil.

