

THE FARMACY

NOVEMBER NEWS

UK Martin-Gatton
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Food and Environment

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Agent Remarks

I hope your October was great, and that you and your family had a good Halloween. November is here, and with that comes the cold weather. Make sure to prepare your pastures, machinery, and shelters for this winter. I have included a few articles to help direct producers on preparing for colder weather.

The 2023 Farm City Banquet is quickly approaching as well. The banquet will be held the Tuesday before Thanksgiving at the Extension Office. It will be an evening of fellowship and recognition. Agriculture Commissioner Dr. Ryan Quarles will be our special guest. Please see the flyer on page 10 for more information!

Be on the lookout for information on commodity group meetings, private applicator trainings, and beef quality assurance trainings. These meetings will be held over winter. Times and dates will be posted soon!

Please complete the Extension Survey that can be found on page 8. This will help determine the direction of programming and innovative that the Extension Office focuses on.

Please reach out if you need anything!
Have a safe and happy November!



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Cooperative
Extension Service

Agriculture and Natural Resources
Family and Consumer Sciences
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Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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



Lexington, KY 40506

Grain Crops



Kentucky Crop Variety Testing

-Dr. Chad Lee

Check out the 2023 corn and soybean variety testing.

Click [HERE](#) for corn variety testing results!

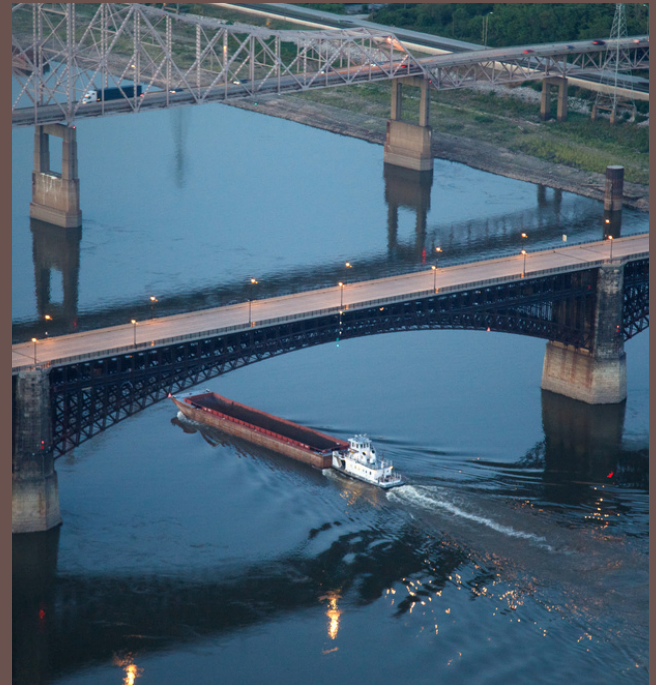
Click [HERE](#) for soybean variety testing results!

Mississippi River Level Impacts on Basis: 2022 Vs. 2023

-Dr. Grant Gardner

In 2022 and 2023, the river levels on the Mississippi slowed barge freight and, thus, crop exports out of Kentucky. When river levels decline, barge transportation slows, which causes barge freight rates to increase. Local commodity basis, defined as the difference between the futures price and the local cash price, is a function of transportation cost. Thus, higher barge freight rates cause the basis to widen. When the basis widens, producers selling at the cash price, utilizing hedge-to-arrive (HTA) contracts, or hedging through futures typically receive lower crop prices than expected. When river levels are normal in Kentucky, the average October basis is near $-\$0.20$ for corn or $-\$0.30$ for soybeans. This year, producers that had to deliver when the basis was at its worst could have lost $\$0.30$ - $\$0.60$ /bushel on corn and $\$0.50$ - $\$0.70$ /bushel on soybeans.

Click [HERE](#) to read more!



Grain Storage Expected to be in High Demand

-Dr. Sam McNeill

Kentucky grain producers are poised to harvest a considerably larger corn and soybean crop than last year. Combined with the increased wheat crop, the total anticipated production is more than 2022 and even 2021 and sets a new record. Add the negative basis for most grain crops in many areas of the state, and there is considerable pressure on the storage capacity at farms and elevators. Conventional storage bins and silos will be filled soon and alternative structures will likely be needed to handle the extra bushels as harvest continues and producers wait for improved prices in early 2024.

Click [HERE](#) to read more!



Ag Economics and Policy

According to 2022 KFBM data, only 27% of land farmed by Kentucky farmers is owned by the farmer. The remaining 73% is typically comprised of landowners that may or may not have a background in farming. In some cases, the landowner inherited the farm and may not even live in the same state as the farmland. There are several factors the landowners need to be aware of and consider when renting their farm

Click [HERE](#) to read more!

Kentucky Farm Observations From Across the States

-Kentucky Farm Business Management Program



As we turn the page on October, winter feeding will move into the forefront of cow-calf operators' minds. Most cow-calf

operations have already begun feeding hay or will do so very soon. Winter feed costs are likely the largest cost for a cow-calf operation and are impacted by the number of days an operation feeds hay, the cost of the hay (or other feeds) that is fed, and the efficiency of the feeding program.

Click [HERE](#) to read more!

What to Consider When Renting Out Your Farm

-Dr. Michael Forsythe

The [Kentucky Farm Business Management Program](#) is a program of the Department of Agricultural Economics at the University of Kentucky. Extension Specialists serve four Farm Analysis Associations working with cooperating members to improve farm management techniques and decisions through recordkeeping and analysis. Currently, KFBM serves 355 farms that are representatives of 49 counties. KFBM specialists work very closely with a diversity of farms and this article will share some of the real-time observations that they have seen this fall. Click [HERE](#) to read more!

Calculate and Manage Your Largest Cost as a Cow-Calf Operator

-Kenny Burdine, University of Kentucky

Forage News

Don't Overlook the Importance of What's Underfoot

- Scott Elliott

Sometimes the most important things are so close to us that we don't even notice them. Sometimes they're even right underfoot. Case in point: grass.

"It's only grass?" asked Kevin Jensen, geneticist at USDA-ARS's Forage and Range Research Laboratory (FRRL) in Logan, UT. "Try to imagine life without grass: There would be no functioning ecosystems, and quality forage would be lacking; thus, wildlife and livestock would not survive."

Click [HERE](#) to read more!



Pasture Care and Winter Feeding

-Justin Brackenrich & Dr. Willem Duiker

During winter feeding, rain and snow are not friends to pastures. Added the typical 30s at night and 40s in the day, and you can quickly have a big mess on your hands. When your plan is to feed in a winter feed area or sacrifice lot, it is less of a concern. In those scenarios, you are prepared for the next step in the process, renovation. If you feed bales outdoors in your pastures, mother nature and livestock can quickly leave your pastures battered and in need of repairs before next season. What can you do to avoid some of this damage?

Some things take months of pre-planning and may be an option for next year, while others can be done on the fly and should be considered for this season. This article will outline some options and provide you with more resources.

Click [HERE](#) to read more!

Forage Timely Tips: November

- Apply 30-40 lbs/N/acre to strengthen cool-season grass sods going into winter.
- If not already done, inventory hay and assess hay quality.
- Using a plate meter or grazing stick, estimate stockpile available for winter grazing.
- Adjust animal numbers or purchase additional hay to balance forage-feed supply to livestock needs.
- Graze crop residues and cover crops that will not overwinter. Be careful to avoid fields that contain johnsongrass that have recently frosted.
- Graze winter annuals that will not overwinter such as brassics and oats.
- Graze other winter annuals once they are 6-8 inches tall and are well anchored. Do NOT graze closer to 4 inches.
- Sugar content will rise in tall fescue with the cool temperatures and short days of fall. Alkaloid content of tall fescue can also be high in certain years, but will begin decline after a hard freeze.
- Talk with local conservationist about developing a grazing plan and cost-share opportunities.



Cushaw Pie

2 cups cooked and mashed cushaw squash	½ cup brown sugar	½ teaspoon nutmeg
¼ cup butter	2 eggs	¼ teaspoon ground cinnamon
¼ cup sugar	1 teaspoon lemon extract	1 9-inch graham cracker pie shell
	1 teaspoon vanilla extract	

1. To prepare squash: Wash and remove rind from the squash. Cut flesh into 1 inch squares.

Steam squash cubes until tender. Drain and mash.

2. Preheat oven to 400° F. In a large bowl, mix together the cushaw, butter, and sugars. **Add** eggs, lemon extract, vanilla extract, nutmeg and cinnamon. **Mix** until smooth.

3. Pour mixture into pie shell.

4. Bake 15 minutes at 400° F.

5. Reduce oven temperature to 350° F and bake pie for an additional 45 minutes or until filling sets.

Yield: 8 slices

Nutritional Analysis: 250 calories, 13 g fat, 5 g saturated fat, 2.5 g trans fat, 70 mg cholesterol, 140 mg sodium, 33g carbohydrate, 1 g fiber, 3 g protein.

Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers' market, or roadside stand.



Conservation Corner

Here are some ways the Scott County Conservation District can help you!

Backyard Conservation

Programs Include:

- Plant a Tree – 50% cost-share up to \$100
- Pollinator Plot – 50% cost-share up to \$100
- Rain Barrel Kit – 50% cost-share up to \$25.00
- Garden Cover Crop – Free bags of wheat seed

Scott County Conservation District
100 E Penn Ave (M-F 9:00 – 2:00pm),
502-863-2466, scottcountycd@yahoo.com

Local Cost Share

Programs Include:

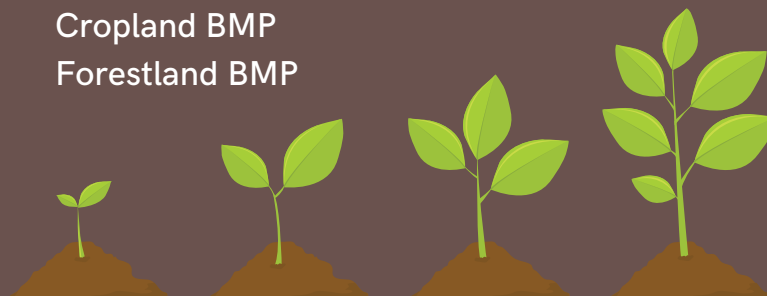
- Gateway, Barn Entrance & Heavy Traffic Corridor Erosion Control Program
- Pipeline and Waterer Cover Crop
- Pasture Renovation

State Cost Share

Applications accepted for 2024 funding until October 30, 2023

4 Areas of Interest:

- Livestock – Animal Feeding Operations (AFO)
- Livestock – Pastureland BMP
- Cropland BMP
- Forestland BMP



Livestock

Being prepared during cold, winter weather will help your livestock winter a little easier. Cold temperatures can cause some challenges in small and hobby farm livestock barns, but using some easy techniques you can manage your livestock successfully during the winter months.

Winter animal care: Tips to keeping your animals healthy and happy during winter months

-Katie Ockert, Michigan State University

Click [HERE](#) to read more!

Prepare farm and ranch equipment for winter storage

-Trisha Gedon, Oklahoma State University

With colder weather just around the corner, many farmers and ranchers are preparing to store machinery for the winter. Rodents will be eyeing that same machinery for another reason — as a cozy place to shelter for a few months.

“There are dozens of nooks and crannies under the hood of a piece of farm machinery that are attractive to many rodent species,” said Kevin Shelton, [Oklahoma State University Extension](#) associate specialist and coordinator of OSU’s [Pesticide Safety Education Program](#). “However, the last thing you want to do is provide an efficiency apartment to these rodents for the winter. The wiring harness is appealing and is a readily available chew toy, which will cause lots of problems next spring.”

Click [HERE](#) to read more!

Fences can significantly increase livestock grazing efficiency. The first step in planning livestock fencing is determining the purpose and goals of the fencing program. Proper fencing layout is a powerful management

tool in efficient grazing systems. Livestock protection and confinement are not the only reasons to consider fencing. An effective rotational or other intensively managed grazing system can be an affordable way to provide forage to grazing livestock and reduce herd nutrition costs year-round. Fencing needs vary depending on the type of grazing management system and livestock species, class, and age. Determine the operation size, number of animals, type of forage system, and number of paddocks needed before investing in fencing materials and supplies. Many effective fencing options are available to livestock producers. Whether used as permanent or temporary confinements, fences should be carefully planned and constructed for efficient use, long life, and low maintenance.

Livestock Fencing Systems for Pasture Management

-Rocky Lemus, Jimmy Parish, & Jane Parish

Click [HERE](#) to read more!

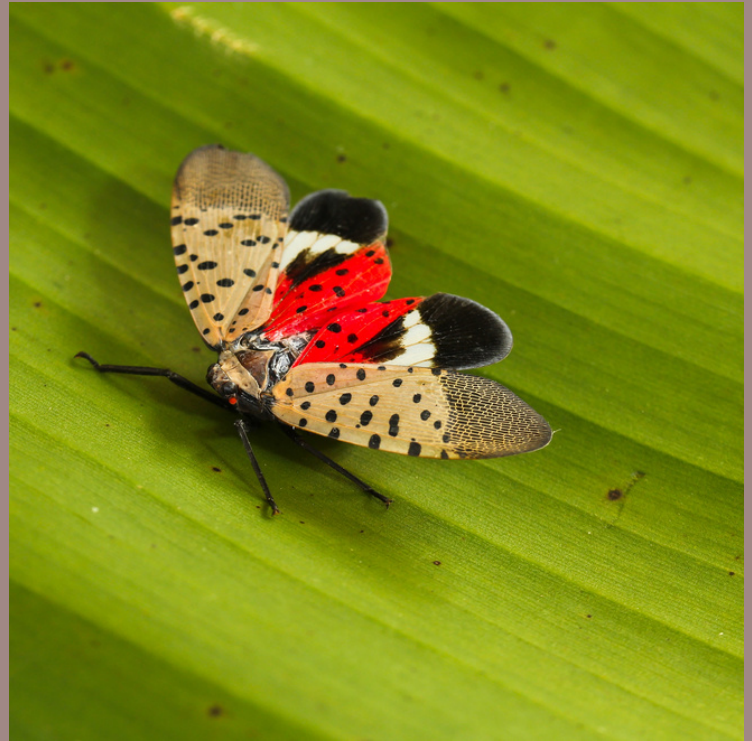
Wildlife

Spotted Lanternfly has Arrived in Kentucky

-Jonathan L. Larson

The spotted lanternfly (aka SLF) is the newest invasive species that has found its way to the Bluegrass State. In early October, a homeowner in Gallatin County noticed the adult form of this insect on their property and worked with their local county Extension agent to submit photos to reportapest@uky.edu. Thanks to this, the Kentucky Office of the State Entomologist was able to visit the site and collect specimens to submit for federal confirmation, officially certifying an infestation. Thus far, no other county has reported lanternflies. As with all invasive species, the spotted lanternfly causes trouble in the areas that they move in to, and Kentuckians should expect to see this pest more frequently in the coming years.

Click [HERE](#) to read more!



Apply now for Kentucky's 2024 Elk Hunt Drawing

-Kentucky Department of Fish & Wildlife

Hunters lucky enough to be drawn to hunt during Kentucky's 2023 elk hunt season are afield this fall, taking their shot at the largest elk herd east of the Rocky Mountains. Now prospective 2024 elk hunters may apply for their opportunity even while the current season is going on – earlier than the previous annual start date of Jan. 1.

Click [HERE](#) to learn more!



THIRD THURSDAY THING

Every third Thursday of the month,
January through November, at 10 a.m. ET

~~January 19: USDA Farm and Home Loans | Natural Resource Management~~

~~February 16: Organic Agriculture~~

~~March 16: Small Ruminants~~

~~April 20: Pest Control | NRCS Programs~~

~~May 19: Aquaculture~~

~~June 15: Farmers Markets | Juneteenth Celebration~~

~~July 20: Fencing | Pastured Poultry~~

~~August 17: Sustainable and Organic Agriculture~~

~~September 21: Pawpaw~~

~~October 19: Small Ruminants~~

November 16: Small Farms Conference

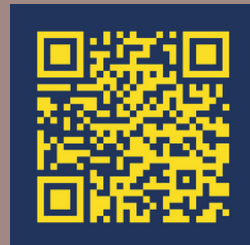
Join us in person at the Harold R. Benson
Research and Demonstration Farm or online
at [YouTube.com/kysuag/live](https://www.youtube.com/kysuag/live)

**CAIP
Eligible**



This institution is an equal opportunity provider.

November Events



Community Assessment
Survey Link

Scan to the QR code or click the
link above to participate in the
Extension Community Assessment
Survey. This will allow agents and
staff to better serve the Scott
County community!

THIRD THURSDAY THING

**Small, Limited-Resource, Minority Farmers
Conference**

November 16, 2023

10:00 AM EDT

 1525 Mills Lane, Frankfort, KY 40601

Register for the conference: <https://bit.ly/2023sfc>

**CAIP
Eligible**

KENTUCKY FARMER WORKSHOP:

INTEGRATING POULTRY IN VEGETABLE PRODUCTION +MORE



With speakers:



Dr. Jacquie Jacob
University of Kentucky
Poultry Extension Specialist



Dr. David Gonthier
University of Kentucky
Department of Entomology

NO PRE-REGISTRATION REQUIRED

Organizing Partners



Grant Partners



CAIP Eligible

TUESDAY, NOV 14TH

10:00 AM - 12:30 PM



Lone Star Farm & Home
33 Catalpa Lane
Mt. Vernon, KY 40456
606-256-0234

PLEASE CONTACT TAMMY AT (859)221-1940 OR AT TAMMYB@NCAT.ORG FOR LUNCH ARRANGEMENTS

Office Closed



The Scott County Extension Office will be closed Thursday, November 23rd and Friday, November 24th for Thanksgiving! We wish you and your families a happy Thanksgiving!



NAIILE

North American International Livestock Exposition

Dates: November 2nd - 16th

Click [HERE](#) to learn more!



Join us for an evening of all things hay!

CENTRAL KENTUCKY HAY PROGRAM

PROGRAM FEATURES:

- ✓ Central KY Hay Contest Results
- ✓ Understanding your forage test results
- ✓ Supplementing for your livestock needs



When: Monday, December 4th, 2023

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

Time: 6:00 - 8:00pm

Please RSVP to the Fayette County Extension Office at 859-257-5582 before November 27th!

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

WITH GUEST SPEAKER DR. RYAN QUARLES

2023 FARM CITY BANQUET

An evening of community and fellowship!

NOVEMBER 21, 2023 AT 6PM

1130 CINCINNATI RD. GEORGETOWN, KY 40324

RSVP to the Scott County Extension Office at (502) 863 - 0984
before Friday, November 17th.

Spots are limited!

University of Kentucky presents 2023 Fall Crop Protection Webinar Series

Beginning Nov. 2, 2023, the University of Kentucky Martin-Gatton College of Agriculture, Food and Environment will present a series of four webinars covering field crop protection. Hosted through the Southern Integrated Pest Management Center, the webinars will feature UK extension pest management specialists discussing weed science, plant pathology and entomology topics. Continuing education credits for Kentucky pesticide applicators and Certified Crop Advisors will be available.

The Thursday morning webinars will take place via Zoom at 10 a.m. EST/ 9 a.m. CST, and pre-registration is required for each webinar. The webinars are open to agriculture and natural resource County extension agents, crop consultants, farmers, industry professionals, and others, whether they reside or work in Kentucky or outside the state.



Dr. Kiersten Wise

Webinar #1: *Do multiple corn fungicide applications pay?*

November 2, 2023

Registration: https://zoom.us/webinar/register/WN_CfQFt0dQSnq5ifdnaSre7A



Dr. Carl Bradley

Webinar #2: *What have we learned from nearly two decades of research on soybean with foliar fungicides?*

November 9, 2023

Registration: https://zoom.us/webinar/register/WN_3SvKPhEDSSWcYhnUnLrvsQ



Dr. Travis Legleiter

Webinar #3: *Managing the offensive spread of weeds*

November 16, 2023

Registration: https://zoom.us/webinar/register/WN_SIOzGyibQiOk4A6pTRHGmw



Dr. Raul Villanueva

Webinar #4: *Occurrence of insect in field crops during two years of partial drought and heat wave*

November 30, 2023

Registration: https://zoom.us/webinar/register/WN_AqvCh08TQGCAJXvKxqdwFA

**CAIP
Eligible**