

THE FARMACY

DECEMBER NEWS

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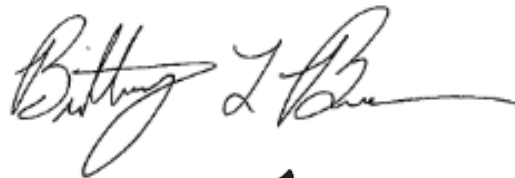
Agent Remarks

I hope you all had a wonderful Thanksgiving. Mine was spent with friends and family, and lots of food. The holiday also brought the cold weather that most Kentuckians dread every winter.

Please be aware of the information about the CAIP and NextGen programs for the 2024 program year on page 6. There will be an informational meeting about updates and new requirements on January 13th at the Extension Office. Check out the events section of the newsletter for more information.

Also be sure to take note of the Annual Scott County Beef Improvement meeting coming up on January 9th at the Extension Office. Join us for an evening of fellowship and all things beef. You must be a Scott County Beef Improvement member to attend, but you can pay your dues at the door!

With cold wet weather right around the corner check out all the articles throughout the newsletter about managing your livestock and forages this season!




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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

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Lexington, KY 40506



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 accommodated
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Forage News

Will winter grazing impact next year's growth?

When done properly, winter grazing typically has little to no impact on subsequent year's production. This is because most grasses will be dormant during winter grazing. When the grasses enter dormancy, they store their carbohydrate reserves below ground in the root system. During the spring green-up, these underground reserves are what the plant relies on to begin growing again until producing enough leaves to photosynthesize with. Therefore, when the grasses have gone dormant for the season, cattle can essentially graze those plants without causing damage.

Although the grasses are hardier while dormant, overgrazing is still a concern that can impact pasture health in the following growing season. Regrowth could be compromised if dormant grasses are grazed too short and if sufficient soil cover is not maintained. It is important that enough cover is left on the surface in order to: 1) protect the soil from erosion potential and 2) to increase soil moisture.

Unprotected soil is susceptible to erosion and invasive species/noxious weeds in the subsequent growing season. Grass cover that is left on the soil surface will act like a sponge to retain moisture from precipitation during the winter. Approximately 4 to 6 inches of stubble should be left to capture moisture. Bare ground does not collect moisture easily and any snowfall on bare ground is susceptible to disappear through wind loss. Producers should monitor ground cover within their pastures to ensure there is adequate litter on the soil surface.

How can I manage my pastures for winter grazing in the future?

It is important to utilize available resources, such as pastures, conservatively and wisely. Several strategies are available to incorporate successful winter grazing on your operation. With proper recovery times and regrowth, one pasture can be grazed multiple times. Pastures can also be left un-grazed during the growing season and saved for grazing during the dormant season. Depending on the cost of hay, saving pastures for winter grazing could be cost effective. Regardless of the strategy, the value of pasture can be increased by winter grazing.

Healthy rangelands offer better grazing.

Diverse and healthy native rangelands hold much greater nutritional value during the dormant season when compared to pastures with introduced species. For example, western wheatgrass, a native cool-season grass, has excellent nutritional value when dormant. Some producers have found success with not grazing western wheatgrass pastures during the growing season in order to stockpile them for winter grazing. Cattle will require less protein supplementation when grazing the native grass. In contrast, smooth brome grass, an introduced and invasive cool-season grass, has very poor nutritional value when dormant. Cattle will require more supplementation when grazing the invasive grass.

Two grazing seasons, one pasture.

It is possible to graze pastures during the regular growing season and again during the dormant season. With this strategy, one pasture can yield two grazing seasons. However, it is essential to evaluate the amount of recovery growth that the pasture was able to stockpile prior to winter grazing. The influence of cool-season or warm-season species will also impact recovery growth.

Protecting Your Pastures While Winter Grazing

-Kaylee Wheeler



Pastures that were grazed in late summer or early fall likely had much less opportunity to recover. As a result, they are likely to have much less dormant forage available. In contrast, pastures that were grazed early in the growing season are likely to be in better condition for winter grazing. This is because the grasses hopefully had enough precipitation and recovery time for decent regrowth. Grazing earlier is likely to produce a more adequate stockpile of dormant forage available for winter grazing.

Invest in high-yield grass savings.

Another option is saving pastures for later use during the dormant season. Utilizing the rest rotation system during the growing season can provide extra benefit for winter grazing. This strategy rotates cattle through multiple pastures while leaving one or more completely un-grazed through the growing season. By allowing grass to remain un-grazed for an entire growing season, plant vigor, forage yield, and root stores reach their peak. As a result, there is more dormant grass to utilize during winter grazing, and carbohydrate reserves are maximized for the next growing season.

What do my cows need while winter grazing?

Winter grazing stockpiled forage does not eliminate the need to feed hay, especially during times of inclement weather and as spring cows advance in pregnancy. However, winter grazing can be used as a strategy to reduce the amount of hay required. Dormant grasses will typically contain less than 6% crude protein. As a result, cows should be provided with adequate supplementation to meet their nutritional requirements.



Forage Timely Tips: December

- Begin utilizing stockpiled pastures. Graze pastures with orchardgrass and clovers first. Save tall fescue pastures for late winter grazing.
- Using polywire, strip graze stockpiled pastures to improve utilization. Start at the water source and allocate enough forage to for 2-3 days. Back fencing is not necessary.
- Make plans to frost seed red and white clover onto closely grazed tall fescue pastures in February. Secure seed now since supplies of good varieties will be tight.
- Some hay can be fed as stockpiled grass is grazed to stretch grass.
- Minimize hay waste by utilizing ring feeders.

DECEMBER

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Blackberry Lemon Upside Down Cake

2 teaspoons melted butter	1¼ cup all-purpose flour	1 large egg
½ cup brown sugar	1½ teaspoons baking powder	¾ teaspoon vanilla extract
1½ teaspoons grated lemon peel	¼ teaspoon salt	1 teaspoon lemon juice
2 cups fresh blackberries	⅔ cup sugar	½ cup skim milk
	2 tablespoons butter	

Preheat oven to 350°F.

Place melted butter in the bottom of a 9-inch round cake pan.

Sprinkle with brown sugar and lemon rind.

Top with berries. Set aside.

Combine flour, baking powder and salt in a small bowl. Set dry ingredients aside.

Beat sugar and butter together in a large bowl with a mixer

on medium speed until well blended.

Add egg, vanilla, and lemon juice. Mix well.

Add dry ingredients to egg mixture alternately with milk, beginning with milk and ending with flour. Mix after each addition.

Spoon the batter over the blackberries.

Bake at 350 degrees for 40

minutes.

Cool cake for 5 minutes on a wire rack. **Loosen** edges of the cake with a knife and place a plate upside down on top of cake; **invert** onto plate.

Serve warm.

Yield: 8, 3 inch wedges.

Nutritional Analysis: 230 calories, 5 g fat, 35 mg cholesterol, 220 mg sodium, 45 g carbohydrate, 2 g fiber, 4 g protein.

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



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 2025 funding until October 30, 2024

4 Areas of Interest:

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

Conservation Corner

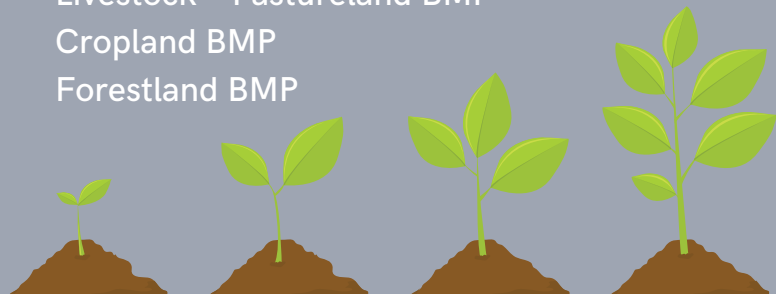
Here are some ways the Scott County Conservation District can help you!

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





**County Agriculture
Investment Program (CAIP)
and
Next Generation
Farmer Program (NextGen)**

Applications will be available for Scott County's 2024 CAIP and 2024 NextGen programs to assist farmers in making important on-farm investments.

Application Period:

January 6 – January 31, 2025

Application Availability:

Scott County Conservation District Office
Office located at 100 East Penn Avenue
Monday – Friday (9:00 a.m. – 4:00 p.m.)

or

e-mail: scottcountycd@yahoo.com for an application

All applications need to be turned into the office directly or in the drop box

Eligible Investment Areas:

Agriculture Diversification
AgriTech & Leadership Development
Animal, Large (Cattle-Beef&Dairy, Equine)
Animal, Small (Goat, Sheep, Swine, Rabbits, Bees)
Farm Infrastructure
Fencing & On-Farm Water
Forage & Gain Improvements
Innovative Agricultural Systems
On-Farm Energy
Poultry & Other Fowl
Value Added & Marketing

For more information:

Contact Darcy Smith at 502-863-2466

Information also available online at www.kyagr.com/agpolicy

Livestock

USDA Takes Action to Prevent Spread to U.S. Animals

On November 22, 2024, the Chief Veterinary Officer of Mexico notified the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS) of a positive

detection of New World screwworm (NWS) in Mexico. The NWS was found in a cow in the southern Mexico state of Chiapas, at an inspection checkpoint close to the border with Guatemala. NWS are fly larvae that infest living tissue of warm-blooded animals, causing infection.

"Given the northward movement of NWS, APHIS has in recent months stepped up its efforts in Central America to partner with impacted countries to push this pest out of newly affected areas," said Dr. Rosemary Sifford, Chief Veterinary Officer of the United States. "With this latest find in Mexico, we will further intensify this work to protect American agriculture and reestablish the barrier in Central America."

Given the severity of the threat from NWS, APHIS is restricting the importation of animal commodities¹ originating from or transiting Mexico effective immediately and pending further information from Mexican veterinary authorities on the size and scope of the infestation. A complete list of regions APHIS recognizes as affected by screwworm and well as more detailed information on trade restrictions can be found on the [USDA APHIS Animal Health Status of Regions](#) website.

NWS maggots can infest livestock and other warm-blooded animals, including people. They most often enter an animal through an open wound and feed on the animal's living flesh. While they can fly much farther under ideal conditions, adult flies generally do not travel more than a couple of miles if there are suitable host animals in the area.

APHIS is working with partners in Mexico and Central America to stop the spread of NWS into the United States and asking all producers along the southern border to watch their livestock and pets for signs of NWS and immediately report potential cases.

Screwworm infestations are difficult to detect at first. Check your pets and livestock for draining or enlarging wounds, and signs of discomfort. Also look for screwworm larvae or eggs. Screwworm eggs are creamy and white and are deposited on near the edges of superficial wounds. If you suspect your animal is infected with screwworm, contact your veterinarian.

While not common in humans, if you notice a suspicious lesion on your body or suspect you may have contracted screwworms, seek immediate medical attention.

Since 2006, APHIS has collaborated with Panama to maintain a barrier zone in eastern Panama, working to prevent the northward movement of NWS from South America to NWS-free areas in Central and North America. In the last two years, screwworm has spread north of the barrier throughout Panama and into Costa Rica, Nicaragua, Honduras, Guatemala and now Mexico. This increase is due to multiple factors including new areas of farming in previous barrier regions for fly control and increased cattle movements into the region. APHIS is releasing sterile flies through aerial and ground release at strategic locations throughout Central America.

APHIS will continue working with partners in Mexico and Central America to eradicate NWS from the affected areas and to reestablish the biological barrier in Panama.


Mexico Notifies United States of New World Screwworm Detection

-USDA

Beef Quality Assurance Training

Session 1: January 22nd at 5:30pm
Session 2: February 20th at 8am

Sessions will be held at the Scott County Extension Office, 1130 Cincinnati Rd. Georgetown, KY. You only need to attend one session. Individuals with an expiring BQCA Certification will receive information in the mail. For questions or to RSVP call the Scott County Extension Office at 502-863-0984.

 Cooperative Extension Service



2025 CENTRAL KENTUCKY GRAIN PRODUCER SEMINAR

Monday January 27th, 2025 from 9:00 am - 12:00 pm

Location: Scott County Extension Office

1130 Cincinnati Rd. Georgetown, KY

Please RSVP: (502) 863-0984

LUNCH WILL BE SERVED

CAIP Eligible

Dr. Chad Lee
Grain Crops Specialist

Dr. Grant Gardner
Agriculture Economist

Dr. Carl Bradley
Plant Disease Specialist

For more information and to RSVP contact the Scott County Extension Office at 502-863-0984 or email brittany.brewer@uky.edu.

December Events



Private Applicator Training

Session 1: January 29th at 5:30pm
Session 2: February 27th at 8am

Sessions will be held at the Scott County Extension Office, 1130 Cincinnati Rd. Georgetown, KY. You only need to attend one session. If your certification is expiring you will receive information in the mail about it. For questions or to RSVP call the Scott County Extension Office at 502-863-0984.

CAIP Eligible

Legacy Luncheons

LEARN HOW TO PRESERVE YOUR LEGACY
FOR GENERATIONS TO COME.

SESSION 1

Join us for lunch while we cover: Where do I begin to protect my legacy?

SEPTEMBER 16,
11AM-1PM

SESSION 2

Join us for lunch while we cover: Who do I "trust"? What is a trust? I have an LLC do I need a trust?

OCTOBER 21,
11AM-1PM

SESSION 3

Join us for lunch while we cover: What is a POA? Do I need a health care and a financial POA? Who do I choose?

NOVEMBER 18,
11AM-1PM

SESSION 4

Join us for lunch while we cover: What not to do! Wrong advice and information from friends, Facebook, and family.

DECEMBER 16,
11AM-1PM



Join us for lunch the 3rd Monday of September, October, November, and December. Learn about the best avenues to protect your legacy. To attend RSVP the Monday the week before the date of the session.

For questions or to RSVP call 502-863-0984 or email brittany.brewer@uky.edu
Sessions will take place at the Scott County Extension Office,
1130 Cincinnati Rd. Georgetown, KY 40324

BEEF MANAGEMENT WEBINAR SERIES

If you are interested and would like to be registered send an email to dbullock@uky.edu with Beef Webinar Series in the Subject and your name and county in the message to receive a Zoom link and password. You will receive an invitation and password the morning of the presentation.

November

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

December

10 **Winter Feeding Strategies to Extend Short Hay Supplies**
Dr. Lawton Stewart, Professor, University of Georgia

January

14 **Important Traits for Bull Selection in Kentucky**
Dr. Matt Spangler, Professor, University of Nebraska

CAIP
Eligible

February

11 **Marketing Opportunities for the Spring**
Dr. Kenny Burdine, Professor, and Kevin Laurent, Extension Specialist, University of Kentucky

March

11 **Preparing for a Successful Spring Breeding Season**
Dr. Les Anderson, Extension Professor, University of Kentucky

April

8 **Health Update and Internal Parasite Field Study Results**
Dr. Michelle Arnold, Extension Veterinarian, and Jeff Lehmkuhler, Extension Professor, University of Kentucky

If you have any questions or need additional information please email dbullock@uky.edu. If you are already registered you will get a Zoom invitation the morning of each session with the link and password.

2025

Kentucky Commodity all Crop Protection Webinar Series

January 16, 2025

Winter Wheat Meeting

February 4, 2025

2025 Kentucky Crop Health Conference

February 6, 2025

Wheat Field Day

May 13, 2025

Pest Management Field Day

June 26, 2025

Corn, Soybean & Tobacco Field Day

July 22 or July 29, 2025

CAIP
Eligible

National Farm Machinery Show

February 14th - 17th

at

the Kentucky Expo Center

9am - 5pm daily



Kentucky Cattlemen's Convention

January 16th - 17th

at the

Owensboro

Convention Center



A night of fellowship with beef producers. You can pay your 2025 dues at the door!

Scott County Beef Improvement Annual Meeting

CAIP Eligible

Meal catered by Texas Roadhouse

Thursday, January 9th at 6pm, at the Scott County Extension Office, 1130 Cincinnati Rd. Georgetown, KY.
RSVP to the Scott County Extension Office at 502-863-0984 before December 22nd.



Wednesday, January 15
Sloan Convention Center
Bowling Green
Registration: 11:30 a.m.
Lunch: noon
Concludes: 4:30

CAIP Eligible



This session features Jeff Kazin, co-founder of Agris Academy, and will focus on managing risk. Agris Academy provides world class education opportunities to farmers that give them the skill to merchandise, manage risk, and increase the profitability of their production with confidence.

AgrisAcademy LLC is not a broker or an advisor but a company dedicated to educating and consulting in world class risk management skills. Their goal is to produce long-term and REPEATABLE results for your operation. At AgrisAcademy, they understand the significant divergence between what farmers are told they need to be effective marketers of their production and what they really need. Having been farmers and 50+ year veterans of a major grain and processing company, Agris' co-founders have seen growers miss millions of dollars in opportunities, not from speculating on markets, but from not using the correct tools for the situation.

They have learned the tricks of the trade, and they know that their ability to simplify and provide relevant examples, combined with your desire to improve, will allow you and critical members of your team to learn and grow. Agris believes that farmers spend too much time focused on events and data that they cannot control. Reallocation of precious time to learning a lifetime skill will help you secure the competitiveness of your operation today, and for many generations to come.



PRESENTED BY

Scan here to register for the Bowling Green Workshop



2025 ISM BG

Tuesday, January 28
Ky. Soybean Office Princeton
1000 U.S. Hwy 62 W
Wednesday, January 29
Extension Office Etown
111 Opportunity Way
Registration: 8:30 a.m.
Workshop at 9 a.m.
Concludes with lunch



These sessions feature University of Kentucky Ag Economist Dr. Jordan Shockley, who will share how farmers can take advantage of some of the programs offering premiums (along with potential pitfalls to watch out for in that space.)

Dr. Shockley will be joined by Dr. Laura Lindsey from The Ohio State University. Dr. Lindsey's portion of the program will center around her extensive work with biologicals.



Lindsey headed up a Science for Success multi-state study in 2022 and 2023, in which the Science for Success team focused on biologicals that claim to support plant health and growth. These biologicals, often classified as inoculants or biostimulants, target improved nitrogen fixation, increased nutrient uptake or use efficiency, stimulated root growth and similar functions. Dr. Lindsey will share the results and implications of this large-scale study.



Scan here to register for Princeton and Elizabethtown Workshops

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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!

CAIP Eligible



Martin-Gatton
College of Agriculture,
Food and Environment



Applications due
February 1

CAIP Eligible

KY Farm Launch Beginning Farmer Training Program

Launch into your farming journey with accelerated, hands-on farm training, business planning, and customized mentorship

Applications are open now for our 9-month, in-person training program that prepares beginning farmers for sustainable, commercial production.

Interested?

Visit our website for more details & apply:
<https://bfrdp.ca.uky.edu/>

