GRAVES COUNTY AGRICULTURE & NATURAL RESOURCES NEWS

January 2025



GRAVES COUNTY COOPERATIVE
EXTENSION SERVICE
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Happy New Year!

I hope that you enjoyed your holidays and were able to get some rest! I know that I did and am praying that 2025 brings us all health, happiness, and some wealth would be nice too!

January kicks off what we call in extension as "meeting season".

Over the next few months we will be trying to cram as much programming for our farmers in as possible. Between all of us in the area, there is something for everyone and all types of production so be sure to keep up with some of our neighboring counties as well.

Many of us work together on these programs and offer them in more than one county to give you extra chances to attend! Many of these classes will satisfy your CAIP education requirements as well.

If you are going to need to update your Private Applicator cards, please make plans to attend one of the 4 classes being offered this month. If these dates/times do not work for you, you are welcome to attend in another county, or contact me for a private appointment. If you are expiring, you should have received a letter letting you know, but if you aren't sure just give us a call and we can help you figure out your status.

GAP for tobacco producers is coming up in February. Calloway County and I are combining forces to bring you one training opportunity in the far west. Please make plans to attend if you are needing to get that done for the year.

The 2025 Winter Ag Conference is coming up and is going to be a great lineup of speakers. We will be focusing on canola production as it is projected to increase exponentially over the next handful of years and more and more growers are coming on board to grow it. As always, a fabulous lunch will be provided! All of us involved in planning this event put a lot of time into bringing you a great morning of education and we look forward to seeing you all there!

Just a quick reminder, I'm always looking for suggestions on new programming ideas that you would like to see. Please reach out with any ideas you may have! Have a great January!

Miranda Rudolph

Extension Agent for Agriculture & Natural Resources

Graves County

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ANR: What's Happening?

Bolded events are hosted at the Graves County Extension Office.

- January 14- Private Applicator Trainings- 8:30am OR 5:30pm,
 GCEO
- January 21- Private Applicator Trainings- 8:30am OR 5:30pm,
 GCEO
- January 31- Winter Ag Conference, Lowry Farms
- February 4- Winter Wheat Meeting- 9am-3pm, Hopkinsville, KY
- February 6- KY Crop Health Conference- Bowling Green, KY
- February 11- GAP Training for Tobacco Growers- 2-4pm, GCEO
- February 12-15- National Farm Machinery Show, Louisville, KY
- February 17- Farm SmartQPR for Lenders/Ag Business- 2pm,
 GCEO
- March 11- PACA Cattlemen's Annual Meeting- 6pm, GCEO
- March 18- Farm Smart QPR Training- 6pm, GCEO
- March 31- Woodland Carbon Markets- 10am @ McCracken County Extension and 5:30pm @ Marshall County Extension
- April 1- Carbon Markets for Grain & Livestock Producers- 10am, GCEO



Cooperative Extension Service

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Agriculture and Natural Resources physical or mental dis Family and Consumer Sciences may be available with 4-H Youth Development University of Kentuck Community and Economic Development Lexington, KY 40506

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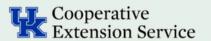












3rd Annual Seed Swap

It's that time again!

Grab your seeds and come hang out with your fellow garden enthusiasts for a fun time swapping varieties! We will be having a lesson on Winter Sowing as well.

Make sure all seeds are labeled with the correct varieties. This is a great way to share your bounty with others and try something new in your next garden.



Tuesday. February 4. 2025

Spm

Graves County Extension

Office

Cooperative Extension Service

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

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Reviving Drought Stressed Pastures

with Dr. Chris Teutsch



Hickman County Extension Office January 23, 2025 6:00 PM

Free Meal Provided

RSVP Required Call your local Extension Office Hickman County - 270-653-2231 Carlisle County - 270-628-5458

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What are We Learning From YEN in KY? - Phil Needham

Herbicide Residual Application Timing for Ryegrass Control - Dr. Travis Legleiter

On-farm Grain Fumigation Options - Josh Wilhelm

Dealing with DON: Management of Fusarium Head Blight and DON in Wheat - Dr. Carl Bradley

How Nitrogen and Sulfur Fertility Influences Wheat Grain Yield and Protein Content - Dr. Edwin Ritchey

Current Wheat Crop Update - Dr. Chad Lee

Wheat Varieties Tolerance to Metribuzin and Opportunities to Improve Italian Ryegrass Management

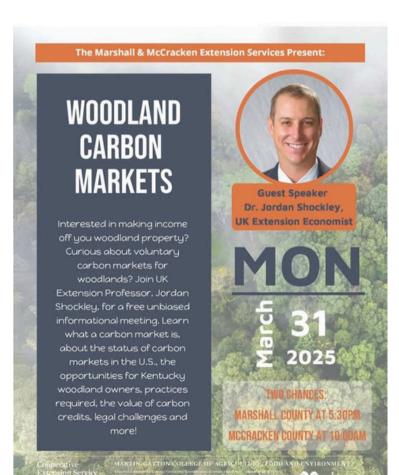
Overview of Kentucky Wheat Yield Contest 2015-2024

- Dr. Mohammad Shamim









KCHC Kentucky Crop Health Conference

Feb. 8, 2024 - National Corvette Museum - Bowling Green, Ky.

Speakers include University of Kentucky Extension Specialists and invited nationally prominent Extension Specialists from across the United States



Thomas Butts

Topic: Drone Herbicide Applications: What Do We Need to Know for Success:



Nicholas Seiter University of Illinois Urbana-Champaign

Topic: Above- and below- ground traits for insect management in corn – new tools, old pests, and resistance



Gregory Tylka Iowa State University

Topic: Soybean Cyst Nematode: Past, present, and future

Carl Bradley niversity of Kentucky

Topic: Red Crown Rot of coybean: Disease Manageme and Potential Impacts of this New Disease on Soybean Production in Kentucky

Raul Villanueva University of Kentucky

Topic: Abundance of Emergent Pests in the 2022-23 Corn and Soybea seasons in Kentucky





Travis Legleiter University of Kentucky

Topic: Dealing with the Stretch - Early Planted Soybean and Weed Control

Kiersten Wise University of Kentucky

Topic: It's always something! New com disease concerns for Kentucky







Conference sign-in begins at 8:30 a.m. CST

Scan QR Code or visit: https://kchc2024.eventbrite.com (non-refundable after Jan. 25, 2024)

CREDITS — CCA: 5 CEUs, IPM — PAT: 6 CEUs Category 1A (Ag Plant); 1 CEU Category 11 (Aerial)

QPR Suicide Prevention

Question. Persuade. Refer.

Training Session for Ag Lenders and Retailers

This suicide prevention training session is for anyone working with farmers and their families to learn the warning signs, how to intervene, and where to refer someone who is in crisis.

Ask a question, save a life.

Monday, February 17, 2025 2pm

Graves County Extension Office

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Agriculture and Natural Resources Family and Consumer Sciences 4-H Youth Development Community and Economic Developmen MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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Disabilities accommodated with prior notification

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Ask a question, save a life.

QPR Suicide Prevention

Question. Persuade. Refer.

TRAINING SESSION FOR FARMERS AND FARM FAMILIES

Learn the warning signs, how to intervene, and where to refer someone who is in crisis.

A meal will be provided.
Please RSVP to 270-247-2334

Tuesday, March 18, 2025
6pm
Graves County Extension Office

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

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3rd Annual Joint Meeting date announced

First, mark your calendars to attend the 3rd Annual Joint Meeting of the Burley & Dark Tobacco Producer Association and Council for Burley Tobacco that will be held January 16, 2025. The meeting will once again be held in conjunction with the Kentucky Commodity Conference in Bowling Green, Kentucky at the Holiday Inn University Plaza. The meeting will be an all-day meeting, with lunch and refreshments provided. More detailed meeting information, and preregistration will be forthcoming soon.

De-icing Around Your Home

Source: Kelly Jackson, UK Extension Agent for Horticulture, Christian County

When winter storms are part of our forecast, we tend to think of all the possible hazards. Sometimes winter storms bring ice and snow that cover our sidewalks and driveways. Many people use deicers to help remove the slippery stuff, but how much is too much?

Following a few simple steps can help you stay safe while using fewer deicer products. Clear the necessary pathways of all snow. You can save time and energy by just shoveling the areas you need to get in and out of your house, greenhouse, barn, etc. Limit using deicer to the problem areas. You may only need a handful of product for a square yard. Be sure to read the product label for best practices, as products vary.

After the storm, sweep up any excess product to protect your lawn and local waterways. Experts suggest using more product is no more effective at clearing ice and snow. If you see salt crystals after the pathway is dry, that's a sign you have used too much.

Using too much deicer is not just wasting financial resources. The chemicals in deicing products can enter our stormwater and eventually streams and nearby rivers. Excess chemicals can also cause your lawn and landscape shrubs to turn yellow. The chemicals may also damage sidewalks and landscape pavers. It's a good idea to research native, salt-resistant plants for areas close to paved surfaces to keep your landscape looking nice in all seasons.

If you need help deciding on which deicer to use, the U.S. Environmental Protection Agency has a helpful resource at https://www.epa.gov/saferchoice/products that show deicers and other household products that are safer for human health and for the environment.

You can also try some deicer alternatives. Cracked corn may not be a deicer, but it can provide much-needed traction in slippery areas. Several other options, such as sand, fireplace ashes or cat litter may help increase traction and they do not require as much cleanup after the winter weather passes. A creative way to keep ice from covering problem areas like stairs is to cover them in heavy plastic before a storm begins.

For more information, contact the Graves County Cooperative Extension Service.



Winter Safety!



Brandon Peloquin - National Weather Service Wilmington, OH Jane Marie Wix - National Weather Service Jackson, KY

Wintertime can bring a wide range of hazards, whether it be exposure to the cold (for you and your animals), slick surfaces and roads that can lead to accidents and falls, or fires resulting from the improper use of heaters. Hundreds of people are injured or killed each year as a direct result of winter weather.

Here are some tips to remember when winter turns especially harsh:

- Stay dry to stay warm! Wet clothes result in much faster heat loss.
- Wear multiple layers. Wool keeps you warmer than cotton because wool fibers trap air pockets and when wool is exposed to damp conditions, it wicks moisture away from your skin and helps keep you dry.
- Cover everything you can! At least half your body heat can be lost if your head isn't covered.
- Avoid overexertion, such as shoveling heavy snow, or walking in deep snow. The strain from the cold and the hard labor may cause a heart attack. Sweating could lead to a chill and hypothermia.
- Remember the animals! make sure they have access to melted water, plenty of food, and shelter to keep them protected.
- Stay informed on the latest weather forecast. All Kentucky National Weather Service offices have a phone line the public can call to get a weather forecast for their areas. Also, NOAA Weather Radios are specially built radios that only play a recorded forecast and other weather information. These can be purchased in many stores.

It's also important to know the signs that someone is getting too cold. Hypothermia is a medical emergency that occurs when your body loses heat faster than it can produce it. Confusion, shivering, difficulty speaking, sleepiness and stiff muscles are all signs of hypothermia and signs that medical attention is needed - call 911 immediately! To warm someone up who is showing signs of hypothermia, lie close to the person and cover both of you with thick blankets. The hotter you get, the more warmth you can give to the other person. Frostbite is another medical emergency that causes damage to the body's tissue (mainly on extremities such as hands and feet, or any place that is unprotected) due to blood vessels diverting blood to other parts of the body to help keep your vital organs warm. This will cause the affected area to become frozen, and can be a very dangerous situation, especially since it becomes numb and the victim can be unaware of its severity.

Finally, even though winter will often bring cold and snow, occasionally warm spells in the winter can lead to thunderstorms or flooding. Stay up to date with the latest weather forecasts to know what weather hazards or threats could impact you and your family this upcoming winter.

For more information visit: https://www.weather.gov/safety/winter



Hot and Sweet Frittata

3 tablespoons olive oil, divided

1 ½ cups peeled and cubed sweet potatoes

1 1/2 cups diced sweet and hot peppers, or bell peppers

1 **pound** ground turkey sausage ½ **cup** shredded mozzarella cheese

12 medium eggs, beaten

1/4 teaspoon salt

1/2 teaspoon black pepper

1/2 teaspoon crushed red pepper

Preheat oven to 375 degrees F. Add 2 tablespoons of olive oil to a large nonstick skillet, and heat to medium. Add sweet potatoes and diced peppers. Cook uncovered until fork tender, about 10 minutes. Remove from skillet. Add 1 tablespoon of olive oil to skillet. Add turkey sausage, and cook 5 to 7 minutes until cooked through. Drain off fat, if needed. Generously grease an 8-by-8-inch baking dish. Add the sausage, peppers, and potatoes. Sprinkle with

cheese. In a bowl, crack eggs and lightly beat. Add salt, black pepper, and crushed red pepper to egg mixture. Pour eggs over peppers and potatoes. Bake uncovered for 25 to 30 minutes or until the mixture is set.

Yield: 8 servings

Nutritional Analysis:

290 calories, 18 g fat, 5 g saturated fat, 295 mg cholesterol, 610 mg sodium, 8 g carbohydrate, 1 g fiber, 3 g sugars, 0 g added sugars, 23 g protein.

Kentucky Peppers

SEASON: June to September

NUTRITION FACTS: Both sweet and hot peppers are low in calories, high in vitamin C and are a good source of vitamin A. One raw, medium-sized pepper has about 20 calories. Red peppers are higher in vitamins A and C than green peppers. Hot peppers also contain capsaicin, an antioxidant found in its membranes and seeds. Removing these will make the pepper milder.

SELECTION: Choose peppers that have firm, smooth skin. Avoid flabby, wrinkled, or soft peppers.

STORAGE: Store peppers unwashed in a paper towel then refrigerate in a plastic bag for up to 10 days. Rinse before using.

PREPARATION: Wash carefully without bruising. Peppers can be served raw, grilled, stuffed, or roasted. Add them to salads, casseroles, or Mexican dishes.

PRESERVING: Peppers can be preserved by freezing, drying, or canning.

To freeze: Wash, stem, and seed peppers. Package leaving no headspace. Seal and freeze.

PEPPERS

Kentucky Proud Project

County Extension Agents for Family and Consumer Sciences

University of Kentucky, Dietetics and Human Nutrition students

November 2019

Source: www.fruitsandveggiesmatter.gov

Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers market, or roadside stand. http://plateitup.ca.uky.edu



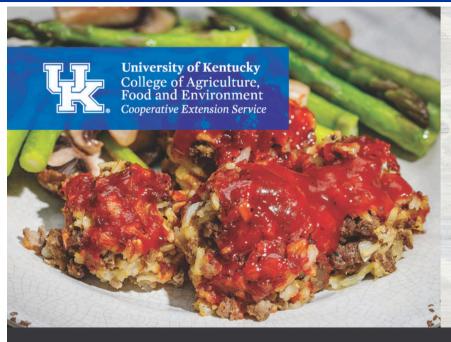
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University of Kentucky College of Agriculture, Food and Environment Cooperative Extension Service









BBQ Venison **Meatballs**



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



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



BBQ Venison Meatballs

Meatballs

- 1 pound ground venison (may substitute elk or beef)
- 1/2 cup 2% milk
- 3/4 cup rolled oats
- 1/2 cup minced fresh onion
- 1/4 teaspoon salt
- 1/4 teaspoon black pepper

Sauce

- 1 cup ketchup
- 1/2 cup water
- 1/2 cup grated onion
- 2 tablespoons vinegar
- 1/4 cup brown sugar
- 1/4 teaspoon black pepper

Combine venison, milk, oats, onion, salt, and pepper in a large bowl. Use a sturdy spoon or clean hands to mix well. Shape meat mixture into 12, 1-inch balls, and place in a shallow 9-by-13-inch baking pan. Combine all the sauce ingredients in a bowl and stir well. Pour sauce over meatballs. Bake uncovered at 350 degrees F for 1 hour, turning over twice.

Yield: 6 servings

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

Nutrition Facts

6 servings per recipe Serving size 2 meatballs (139g)

Amount per serving

Calories 1	60
% Daily	Value*
Total Fat 3g	4%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 65mg	22%
Sodium 220mg	10%
Total Carbohydrate 14g	5%
Dietary Fiber 1g	4%
Total Sugars 6g	
Includes 3g Added Sugars	6%
Protein 20g	
Vitamin D 0mcg	0%
Calcium 43mg	4%
Iron 3mg	15%
Potassium 322mg	6%

^{*} The % Daily Value (DV) tells you how much a nutrier in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.



