

# January 2023



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

## Casey County Ag News

Casey County Cooperative  
Extension Service  
1517 S. Wallace Wilkinson Blvd  
Liberty, KY 42539  
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### Agent Notes:

Happy New Year everyone! I am very grateful to start off another year here in Casey County. We have some exciting programs planned for the upcoming year and I can't wait to share them with y'all.

We are currently in the process of updating our website and our office so please bare with us as we work to make it even better than it was previously.

I am also excited to share that Casey County has a new opportunity for youth in agriculture, check out the 3rd page for more information.

Kelsey Woodrum  
Casey County Agriculture and Natural Resources  
Extension Agent

Stay up to date!

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Disabilities  
accommodated  
with prior notification.

# Upcoming Events

Call 606-787-7384 to register for local programs or to inquire about other events.

## **Fruit & Vegetable Conferece**

January 2nd-4th  
Bowling Green, KY

## **Kentucky Cattlemen's Convention**

January 5th & 6th  
Lexington, KY

## **Casey County Cattlemen's Meeting**

January 12th at 6:30pm  
Central KY Ag Expo

## **Jr Cattlemen's Meeting**

January 24th  
5:00pm  
Casey County Extension Office

## **Lake Cumberland Area Forage Series**

Weed Control in Forage Stands - Dr. JD Green  
Russell County Extension Office  
Russell Springs, KY  
January 26th at 7:00pm EST

## **Horticulture Webinar Wednesdays**

Every Wednesday at 12:30pm

A weekly discussion for garden geeks about anything horticultural! There will be zoom lessons, gardening talks and some shenanigans. This is for non-commercial gardeners!

Find more on Facebook!

## **From the Woods Today Zoom**

Every Wednesday at 11:00am  
A weekly internet show co-hosted by Renee Williams and Billy Thomas with UK Forestry and Natural Resources Extension.

# Youth Agricultural Incentives Program (YAIP)

## What is YAIP?

YAIP is a cost-share program for eligible youth ages 9 and up to encourage them to invest in agriculture endeavors. Investment areas include: Agricultural Diversification, Animal Production, Forage & Grain Improvement, Showmanship, Supervised Agriculture Experience, and Country Ham Projects.

Casey County Extension District Board has received funding to offer YAIP in Casey County. The cost share rate will be 50% of the cost of installing investment practices following the guidelines of the Youth Agricultural Incentive Program through the Kentucky Office of Agricultural Policy. The maximum cost share allowed per participant will be \$1,500 as set by the Casey County Agriculture Development Council and the Kentucky Office of Ag Policy.

The signup period will be from January 9th - February 3rd. Applications may be picked up at the Casey County Extension Office which is located at 1517 S. Wallace Wilkinson Blvd Liberty, KY 42539. We are open 8:00am to 4:30pm Monday - Friday.





# Winter Water Reminders for Livestock

As temperatures get colder, most producers begin to focus their attention on getting stored forages to their animals. It's also a good time to remember available water for livestock in the winter is critical to health and survival.

Winter brings challenges of battling frozen waterers and frozen plumbing. Another factor is that animals may consume less water in the winter for a variety of reasons including environmental temperature, feed moisture, body size and level of milk production.

During cold weather, your animals' energy requirements will increase so they can maintain their body temperature. To meet that extra demand, you will likely increase their dry matter intake, if they can physically consume more feed. Water intake will affect their dry matter intake. If water sources are limited or frozen, animals won't be able to compensate for the colder temperatures.

You have several options to deliver clean, fresh water to livestock, even on the coldest days of the year. Think about your actual water source. Are you using natural surface water sources? Do you have waterers installed or are you thinking of installing them? Surface water presents challenges that will require more work. You have to make sure the water quality downstream is good and that streambank quality is preserved. You'll also have to check them often to make sure the surface is not frozen.

Large storage tanks are an option, but they still require frequent checks for ice. You could install a continuous flow valve in a storage tank to prevent freezing, but you'll have to have an overflow directing water away from the tank to prevent excessive mud.

If you have electricity available at the winter feeding site, you have a great number of watering options. You can add an electric heater to almost any watering system. If electricity is not available, you could research ways to harvest geothermal heat. A variety of watering systems on the market harvest geothermal heat from the ground below the tank, keeping water thawed and available to livestock even in the coldest of environments.

Most of these waterers use heat tubes buried deep into the ground, allowing for geothermal heat to rise and keep water supply lines and the drinking trough thawed. While these systems do a good job of keeping pipes and floats from freezing they are not ice-free. Depending on the amount of animal traffic using the waterer and environmental temperature, you may still need to remove a thin layer of ice over the drinking area on very cold days.

Regardless of the method you choose, your animals need clean, fresh and available water this winter.



# Lake Cumberland Area Forage Series

Weed Control in Forage Stands - Dr. JD Green

January 26th, 2023

6:00pm CST

Russell County Extension Office

Russell Springs, KY

Maintaining Fertility on Forage Stands - Dr. Chris Teutsch

February 16th, 2023

6:00pm EST

Hal Rogers Regional Fire Training Center

Somerset, KY

Forage Establishment - Dr. Ray Smith

March 14th, 2023

6:00 PM EST

Somerset Community College (McCreary Campus)

Whitley City, KY

Optimizing Forage Quality During Harvest- Dr. Jimmy Henning

April 3rd, 2023

6:00pm EST

Casey County Extension Office

Liberty, KY

There will be a meal served prior to each program.  
Attendees must RSVP to your County Agriculture Extension Agent.

# DUCK & POTATOES



Servings: 6

Serving Size: 3 ounces meat, one potato, 1/2 cup vegetable

## Ingredients:

- 1 wild duck, cleaned
- 1 unpeeled apple, cut in half
- 3 to 4 cups water
- 1/8 teaspoon salt
- 1/8 teaspoon pepper
- 4 large potatoes, diced
- 3 carrots, peeled and sliced
- 1 large onion, diced
- 2 teaspoons ground sage

## Directions:

Place whole duck and apple in a 5-quart kettle with 3 to 4 cups of water. Cover. Boil for 30 minutes. Place duck in 15×10 baking dish, add 2 cups liquid from boiled duck. Season with salt and pepper. Cover. Bake at 350 degrees Fahrenheit for 45 minutes. Add potatoes, carrots, onion, and sage. Bake 45 minutes to 1 hour longer or until duck and potatoes are tender. (The internal temperature of the duck should reach 165 degrees Fahrenheit at the leg joint.) If necessary, add water to keep liquid on duck and potatoes.

To reduce fat content, remove skin and visible fat before cooking. This will also reduce “wild” flavor.

Nutrition facts per serving: 600 calories; 29g total fat; 10g saturated fat; 0g trans fat; 150mg cholesterol; 190mg sodium; 46g carbohydrate; 6g fiber; 7g sugar; 38g protein; 0% Daily Value of Vitamin D; 4% Daily Value of Calcium; 60% Daily Value of Iron; 30% Potassium