



Jessamine County
Agriculture



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

AGRICULTURE NEWS

AGRICULTURE & NATURAL RESOURCES

Cooperative
Extension Service
Jessamine County
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Nicholasville, KY 40356
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Steve Musen
Jessamine County Extension Agent
Agriculture and Natural Resources



August 2024

Central Kentucky Master Cattleman



The Master Cattleman 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 their beef operations. **Participants must complete all 6 of the 3 hour sessions to be certified.**

5:30pm—Dinner
6:00-9:00pm—Program

\$100 Registration Fee

\$125 per couple

RSVP to your
county office by
August 15



KENTUCKY KENTUCKY STATE
COOPERATIVE EXTENSION

September 3—Woodford County Extension
Dr. Josh Jackson—Facilities
September 10—Jessamine County Extension
Dr. Les Anderson—Reproduction
September 24—Jessamine County Extension
Dr. Katie VanValin—Nutrition
October 1—Woodford County Extension
Dr. Michelle Arnold—Health
October 22—Jessamine County Extension
Dr. Kevin Laurent—Marketing
October 29—Woodford County Extension
Dr. Darrh Bullock—Genetics

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

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, or physical or mental disability. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
LEXINGTON, KY 40546



Disabilities accommodated with prior notification.

Upcoming Events in Agriculture

- | | | | |
|-----------|--|---------|---|
| Aug 15-25 | Kentucky State Fair
KY Expo Center, Louisville | Aug. 29 | (see flyer for details)
Harmony Harvest Dinner |
| Aug 15 | Central KY Master Cattlemen
6 sessions hosted in Woodford
and Jessamine Counties
(see page 1 for details) | Oct 7 | Hosted By Nicholasville Farmers Mkt
@ Jessamine County Extension Office
2024 Central KY Hay Contest |
| Aug. 19 | Jessamine County Cattlemen
6:30p @ Jessamine Extension | | Registration Deadline
(see flyer for details) |
| Aug. 22 | Jessamine County Beekeepers
6:00p @ Jessamine Extension | | |

For more information on any of these programs, please contact the Jessamine County Extension Office



UK University of Kentucky
College of Agriculture,
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Healthy Recipe From Cook Wild Kentucky



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.



Hot Turkey Salad

- 1 tablespoon vegetable oil
- 1 teaspoon garlic powder
- 1 teaspoon black pepper
- 1 can (10 ounces) low-sodium cream of chicken soup
- 1 cup fat-free mayonnaise
- 3 cups cooked and shredded wild turkey meat
- 1 cup chopped celery
- 1 cup fresh sliced mushrooms, or 1 (8 ounces) can no-salt-added mushrooms, drained
- 1 cup grated cheddar cheese
- 1 cup sliced almonds
- 12 toasted whole-wheat buns

To cook turkey breast, preheat oven to 325 degrees F. Add vegetable oil to a roasting pan. Place turkey breast in roasting pan. Season meat lightly with

garlic powder and black pepper. Cover with lid or aluminum foil. Cook at 325 degrees F until internal temperature is 165 degrees, about 1 1/2 to 3 1/2 hours for 4 to 8 pounds of meat. Let meat cool in pan for 15 minutes before shredding. Mix cream of chicken soup with mayonnaise. Add turkey, celery, mushrooms, cheese, and almonds. Stir until well mixed. Spray a 2-quart casserole dish with cooking spray. Spread turkey mixture in dish. Bake 30 to 40 minutes at 350 degrees F. Serve on toasted buns.

Yield: 12 servings

Adapted from: "Conservation Officer's Cooking T.I.P.s," The Indiana Conservation Law Enforcement Officers.

Nutrition Facts	
12 servings per recipe	
Serving size 1 sandwich (112g)	
Amount per serving	% Daily Value*
Calories 160	
Total Fat 7g	9%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 25mg	8%
Sodium 420mg	18%
Total Carbohydrate 11g	4%
Dietary Fiber 1g	4%
Total Sugars 2g	
Includes 0g Added Sugars	0%
Protein 13g	
Vitamin D 0mcg	0%
Calcium 130mg	10%
Iron 1mg	6%
Potassium 204mg	4%

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



Upcoming Opportunities:

Central Kentucky Master Cattlemen Program

August 15th—Registration Deadline

6 Session hosted in Jessamine and Woodford Counties

See flyer on page 1 for registration information

Meets [CAIP Education Requirements](#)

Jessamine County Beekeepers

Thursday, August 22nd, 6:00p @ Jessamine County Extension

See flyer for information

Meets [CAIP Education Requirements](#)

“Harmony Harvest” Farm to Table Dinner

Thursday, August 29th @ The Jessamine County Extension Office

Hosted by the Nicholasville Farmers Market

Each attendee will be receiving a special handcrafted pottery bowl to be filled with one of the dinner's menu offerings. Our great vendors will be setting up to sell, also a silent auction. Ticket sales and additional event details will be posted on the Nicholasville Farmers Market Facebook page.

Central Kentucky Hay Contest

October 7—Entry Deadline

This is an opportunity to have your hay tested for FREE!

See flyer for information

Awards Banquet will meet [CAIP Education Requirements](#)

Join us on Facebook

@ Jessamine County Agriculture



Optimizing Fertilizer Use for Kentucky Crops

“Soil testing is the foundation of effective nutrient management”

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



Chet Wright, young Jessamine County Farmer, stands proud in the only tobacco crop in the County.

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:

Optimizing Fertilizer Use for Kentucky Crops (cont.)

- **Improved Crop Yields:** By providing crops with the right nutrients at the right times, farmers can achieve higher yields and a better-quality product.
- **Enhanced Soil Health:** Proper nutrient management maintains soil fertility, ensuring long-term productivity.
- **Cost Efficiency:** Applying fertilizers based on soil test results prevents both under and over application, optimizing yields and input costs while minimizing environmental impacts.
- **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. Growers can optimize their fertilizer applications by con-

ducting regular soil tests and following crop-specific nutrient recommendations. 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.

Soil Testing is now available as a free service for Jessamine County residents.

Additional information 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>.

Source: Dr. John Grove, Department of Plant and Soil Sciences professor, University of Kentucky

“Soil Testing is now available as a free service for Jessamine County residents.”

UK Cooperative Extension Service

HOW TO REMOVE A TICK SAFELY

UK Cooperative Extension Publication ENTFACT-618

STEP ONE
Use fine-tipped tweezers to grasp the tick as close to the skin's surface as possible. The goal is to remove the entire tick.

STEP TWO
Pull up with steady, even pressure. Do not twist or jerk the tick.

STEP THREE
Clean the bite area and your hands with rubbing alcohol, an iodine soap, or soap and water.

Identification of ticks is available through your local Cooperative Extension Service office.

An Equal Opportunity Organization.

Keeping Birds Away from Ripening Small Fruits

“Birds that feed on ripening small fruit can be a problem for homeowners with plantings of blueberries, raspberries, blackberries, gooseberries, currants and grapes”

Birds that feed on ripening small fruit can be a problem for homeowners with plantings of blueberries, raspberries, blackberries, gooseberries, currants and grapes.

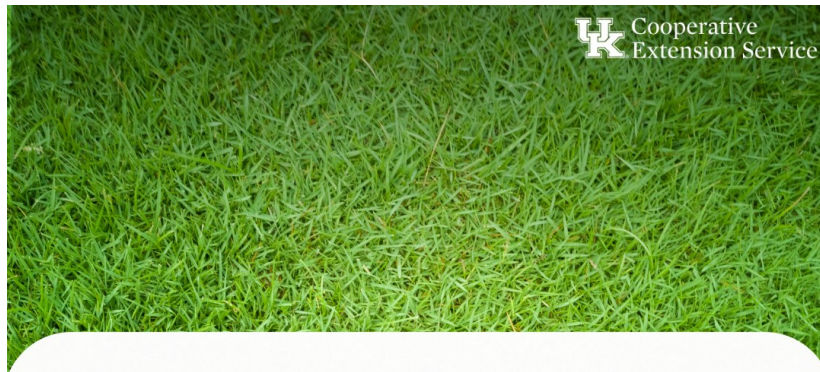
There are multiple techniques that may be effective in keeping birds away, depending on bird populations and other available foods. These include using bird scare balloons with large eyes on the sides, placing rubber snakes or owls around plants, hanging aluminum pie pans or old CDs that blow in the breeze, or using reflective tape over and around the plants. These techniques are more effective if used before the bird problem develops. Birds will eventually become accustomed to scare devices, so repositioning them frequently is necessary.

Another effective technique controlling bird feeding is the use of exclusion net-

ting. There are many types of netting available, from fine-meshed netting that also excludes insects to large-meshed netting designed exclusively for bird control. Using a structure is often recommended to keep the netting off the plants, as well as to make harvesting more enjoyable. Photos of bird netting setups and structures can be found at https://www.uky.edu/hort/bird_netting_pics on the UK Horticulture Department website.

Once birds have found fruit, it is difficult to discourage them from continued feeding. Birds will eat fruit long before it is considered ripe, so be sure to apply nets or use scare tactics before fruit begins to color.

Source: Delia Scott, Department of Horticulture Extension Associate



Bermudagrass Control for Kentucky Lawns

UK Extension Publication AGR278

Bermudagrass, a warm-season perennial grass, has increasingly become a problem in Kentucky cool-season turfgrass. Bermudagrass frequently spreads into landscape beds, tree mulch rings, and even across concrete, causing more complex weed control scenarios.

It can be a highly invasive weed when introduced into a cool-season lawn, outcompeting cool-season grasses and choking out desirable grasses. In the fall, it becomes dormant and turns a broom-straw brown color in contrast to the green of cool-season turfgrasses.

Contact your local county extension office to learn more!

JESSAMINE COUNTY
BEEKEEPER'S CLUB
AUGUST MEETING

**Russ Litsinger talks about:
Survival mechanisms
of feral honeybee colonies**

**Join Our FB page:
Jessamine County
Beekeepers**

95 PARK DR
NICHOLASVILLE, KY
6PM 8/22/24



2024 CENTRAL KENTUCKY HAY CONTEST

Is your hay the best?

Testing provides nutritional value of hay to assist in balancing rations, and can result in reduced feed cost, increased animal performance, and information to improve forage stands.

Free analysis to determine hay quality and livestock needs.

Call your local Extension Office to sign up.



**DEADLINE TO REGISTER:
OCTOBER 7, 2024**

Cooperative Extension Service

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Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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Disabilities
accommodated
with prior notification.

Lexington, KY 40506



University of Kentucky
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Jessamine County Extension Service
95 Park Drive
Nicholasville, KY 40356

"Harmony Harvest"

Nicholasville Farmers' Market

FARM



TABLE

Save This Special Dinner Event Date

Thursday, August 29th