

Agri News

AGRICULTURE & NATURAL RESOURCES

August

Carroll County Farmers and Residents,

I hope you are enjoying your summer! With that being said, it is state fair time! If you have the opportunity to take your family, I highly encourage you to do so. This month our regularly scheduled cattlemen's programming is starting back up. The summer heat has arrived! The Riverview Farmers Market is still setting up on Wednesday's from 12:00-4:00, and Saturday's at Hometown Pizza from 8:00-12:00. Please continue to reach out or stop in the office if you have any questions or concerns.

Maggie Forsee

Maggie Forsee
Carroll County Agent for
Agriculture and Natural Resources

Optimizing Fertilizer Use for Kentucky Crops

Source: John Grove, Department of Plant and Soil Sciences professor

Proper fertilizer usage is essential for achieving high crop yields and farm profitability while maintaining soil health.

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 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.

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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:

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

More info 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>.

For more information on fertilizing crops and soil health, contact the Carroll office of the University of Kentucky Cooperative Extension Service.

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**CARROLL COUNTY CATTLEMEN'S
AUGUST 26, 2024**

STOCKPILING TALL FESCUE

**Carroll County Extension Office
6:00 p.m.**



**PROGRAM IS PRESENTED BY DR.
HENNING**

THE MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT IS AN EQUAL OPPORTUNITY ORGANIZATION WITH RESPECT TO EDUCATION AND EMPLOYMENT AND AUTHORIZATION TO PROVIDE RESEARCH, EDUCATION INFORMATION AND OTHER SERVICES ONLY TO INDIVIDUALS AND INSTITUTIONS THAT FUNCTION WITHOUT REGARD TO 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, PHYSICAL OR MENTAL DISABILITY OR REPRISAL OR RETALIATION FOR PRIOR CIVIL RIGHTS ACTIVITY.

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.

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

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.



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

WINTER FEEDING CONSIDERATIONS FIELD DAY

**Monday, September 30,
2024 6:00 p.m.**

Join the Carroll County Cattlemen's along with Dr.
Higgins



RSVP at the August
Cattlemen's Meeting
or call the office

8385 Hwy 36 E.,
Sanders, KY 41083



Call Number:

502-732-7030

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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.

The following techniques may be effective in keeping them away! Birds will eventually become accustomed to scare devices, so repositioning them frequently is necessary.

- Use bird scare balloons with large eyes on the sides
- Place rubber snakes or owls around plants
- Hang aluminum pie pans or old CDs that blow in the breeze
- Have reflective tape over and around the plants
- Use exclusion netting

*Source: Delia Scott, Department of Horticulture Extension Associate
An Equal Opportunity Organization.*



Creamy Cucumber and Chicken Salad

½ pound chicken breast
1 tablespoon fresh lemon juice
1 cup slivered almonds
½ cup nonfat plain Greek yogurt
3 ounces reduced fat cream cheese
2 tablespoons Dijon mustard

½ teaspoon sea salt
1 teaspoon ground black pepper
2 tablespoons fresh chopped dill
2 medium cucumbers, chopped
1 cup dried cranberries
8 lettuce leaves

Marinate chicken breast in lemon juice for one hour. **Remove** chicken from marinade and **chop** into bite sized pieces. **Sauté** in preheated non-stick skillet until thoroughly cooked and no longer pink in the center. **Set aside** to cool. **Toast** slivered almonds on low heat in a non-stick skillet until fragrant. **Set aside** to cool. In a large mixing bowl **combine** yogurt, cream cheese, mustard, salt, pepper and dill. **Add** chicken and **toss**. **Add**

cucumbers, cranberries and almonds to chicken mixture. **Toss** to coat. **Cover and chill** in refrigerator for 1 hour. **Spoon** salad into washed and dried lettuce leaves. **Serve** cold.

Yield: 8 servings

Nutritional Analysis: 210 calories, 10 g fat, 2 g saturated fat, 30 mg cholesterol, 290 mg sodium, 19 g carbohydrate, 3 g fiber, 14 g sugars, 12 g protein.

Kentucky Cucumbers

SEASON: June to September

NUTRITION FACTS:

Cucumbers are naturally high in water. A ½ cup serving contains only 7 calories.

SELECTION: Choose firm, fully green cucumbers with no yellowing or soft spots. Slicing cucumbers, suitable for eating, are 6 to 9 inches long with small, white spines on the surface that rub off easily. Pickling cucumbers are smaller and have, black spines on the surface.

STORAGE: Store unwashed cucumbers in the refrigerator for up to a week. Sliced cucumbers should be tightly wrapped and refrigerated up to 3 days.

PREPARATION: Wash under cool, running water to remove visible dirt. Slice. You may want to remove the seeds in mature cucumbers by cutting lengthwise and scooping seeds from the center with a spoon.

PRESERVING: Follow recipe instructions. Four pounds of cucumbers yield 5-6 pints of pickles.

KENTUCKY CUCUMBERS

Kentucky Proud Project

County Extension Agents for Family and Consumer Sciences

University of Kentucky, Dietetics and Human Nutrition students

June 2018

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



CARROLL COUNTY CATTLEMEN'S MEETING

EVERYTHING YOU NEED TO KNOW
ABOUT THE UK DIAGNOSTIC LAB!

October 28, 2024
Carroll County Extension Office
6:00 p.m.

PROGRAM BY DR. ARNOLD

PLEASE CALL 502-732-7030 TO
REGISTER

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**NEED TO UPDATE YOUR WORKING
FACILITIES?
DR. JACKSON IS TAKING A DEEP DIVE INTO THINGS
TO CONSIDER BEFORE BUILDING!**

Carroll County Cattlemen's Meeting

November 25, 2024

Carroll County Extension Office

6:00 p.m.

Please Call 502-732-7030 to RSVP

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UPCOMING EVENTS

AUGUST

5-10

Kentucky State
4-H Horse Show

Kentucky Exposition Center

AUGUST

15-25

Kentucky State
Fair

Kentucky Exposition Center

AUGUST

26

Carroll County
Cattlemen's Meeting
Stockpiling Tall Fescue
Carroll County Extension Office
6:00 p.m.

SEPTEMBER

30

Carroll County
Cattlemen's Meeting
Winter Feeding Considerations Field
Day
8385 Hwy 36 E., Sanders, KY 41083