



Jessamine County
Agriculture



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

AGRICULTURE NEWS

AGRICULTURE & NATURAL RESOURCES

Cooperative
Extension Service
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Steve Musen
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Agriculture and Natural Resources



April 2024

Farmers Market Season

Shop fresh and shop local in Jessamine County this season at the Nicholasville and Wilmore Farmers' Markets. Fresh seasonal produce each week, along with vegetable and flower bedding plants, perennials, local honey, baked goods, eggs, and freshly cut floral bouquets. Much of the produce is grown using organic practices.

The Wilmore Farmers' Market is located at the Wilmore City Hall parking lot each Saturday morning, 8:00 am- 12:00 pm, from May through October. Follow the Wilmore Farmers Market Facebook page for more information.

The Nicholasville Farmers' Market will be held each Saturday, starting on April 27th from 9:00a-1:00p. It is located at 201 E Walnut St., Nicholasville, KY, across from the Jessamine County Health Department. If you are interested in becoming a Nicholasville Farmers' Market vendor, you may obtain a vendor application and guidelines by stopping by the Jessamine County Extension Office (Mon - Fri, 8:00 am-4:30 pm at 95 Park Dr, Nicholasville). Follow the Nicholasville Farmers Market Facebook page or visit their website www.nicholasvillefarmersmarketky.com.

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Cooperative Extension Service
Agriculture and Natural Resources
Family and Consumer Sciences
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LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.

Upcoming Events in Agriculture

- | | | | |
|----------|--|----------|---|
| April 11 | Leadership Jessamine County Alumni Event, 6:30-8:00p @ The Oaks, Nicholasville | April 25 | @Morehead KY (see flyer)
Jessamine County Beekeepers 6:00p @ Jessamine Extension |
| April 11 | Jessamine County Goat Producers 6:00p @ Jessamine Extension | April 27 | Nicholasville Farmers' Market Starts (see page 1) |
| April 15 | Jessamine County Cattlemen 6:30p @ Jessamine Extension | April 30 | KY Beginning Grazing School @ Princeton KY (see flyer) |
| April 23 | Gardening in Small Spaces @ Jessamine County Library | | |
| April 23 | KY Fencing School | | |

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



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Wild Turkey & Broccoli Casserole

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.

Healthy Recipe From Cook Wild Kentucky

Wild Turkey & Broccoli Casserole

- 2 packages (10 ounces each) frozen broccoli, or 2 bunches fresh broccoli, washed and cut into pieces
- 4 cups cubed, cooked wild turkey meat
- 1 cup light mayonnaise
- 2 cans (10.5 ounces each) low-sodium cream of chicken soup
- 1 teaspoon curry powder or 1 tablespoon prepared mustard
- 1 teaspoon lemon juice
- 1/2 cup grated cheddar cheese
- 1/2 cup panko breadcrumbs
- 1 tablespoon melted butter

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 cutting into cubes. Steam broccoli until tender. Drain. Grease a 2-quart casserole dish or 9-by-13-inch pan. Place turkey on the bottom, and arrange the broccoli over the turkey. Combine mayonnaise, cream of chicken soup, curry powder or mustard, and lemon juice. Pour over broccoli. Combine cheese, breadcrumbs, and butter. Sprinkle over casserole. Bake at 350 degrees F for 30 minutes.

Yield: 8 servings

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

Nutrition Facts	
8 servings per recipe	
Serving size	(243g)
Amount per serving	
Calories	270
% Daily Value*	
Total Fat 12g	15%
Saturated Fat 3g	15%
Trans Fat 0g	
Cholesterol 65mg	22%
Sodium 660mg	29%
Total Carbohydrate 17g	6%
Dietary Fiber 0g	0%
Total Sugars 2g	
Includes 0g Added Sugars	0%
Protein 23g	
Vitamin D 0mcg	0%
Calcium 66mg	6%
Iron 1mg	6%
Potassium 355mg	8%

* 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:

Leadership Jessamine County Alumni Event

Drinks—Small Plates—Silent Auction—Live Music

Thursday, April 11th, 6:30p-8:30p @ The Oaks, 205 West Oak St., Nicholasville

See the Leadership Jessamine County Facebook page for registration information

Gardening in Small Spaces Training

Thursday, April 23rd, 6:00p @ Jessamine County Public Library

See the JCPL Facebook page for registration information

Meets [CAIP Education](#) Requirements

2024 Kentucky Fencing School

April 23rd, 7:30a-4:30p @ 25 MSU Drive, Morehead, KY

See flyer for registration information

Meets [CAIP Education](#) Requirements

Jessamine County Beekeepers

Thursday, April 25th, 6:00p @ Jessamine County Extension

See flyer for registration information

Meets [CAIP Education](#) Requirements

2024 KY Beginning Grazing School

April 31st—May 1st @ 206 W. Main St., Princeton, KY

See flyer for registration information

Meets [CAIP Education](#) Requirements

Join us on Facebook

@ Jessamine County Agriculture



“Spring can often be one of the most difficult times of the year for grazers. Grass growth goes from nonexistent to excessive in a matter of weeks and if you are properly stocked grazing livestock can have a hard time keeping up with it”

Managing Spring Grass

In March we often find ourselves wringing our hands waiting for grass growth to start and a short time later our pastures are out of control! Spring can often be one of the most difficult times of the year for grazers. Grass growth goes from nonexistent to excessive in a matter of weeks and if you are properly stocked grazing livestock can have a hard time keeping up with it. The following suggestions can help you to stay in control spring growth.

- **Implement rotational grazing.** To fully utilize the spring flush of pasture growth YOU must be in control of grazing. In a continuous grazing system, the cows are in charge. By utilizing rotational stocking, you start to make the decisions. Implementing a rotational stocking system may be as simple as closing some gates or stringing up some polywire.
- **Start grazing before you think the pastures are ready.** One of the most common mistakes that grazers make is waiting too long to start grazing. If you wait until the first paddock is ready to graze, by the time you reach the last paddock it will be out of control. Starting early allows you to establish a “grazing wedge” (Figure 1).
- **Rotate animals rapidly.** It is important to realize that grazing pastures closely and repeatedly as they initiate growth in early spring can reduce production for the entire season. Therefore, it is important to keep animals moving rapidly through the system. The general rule is that if grass is growing rapidly then your rotation should be rapid. This will allow you to stay ahead of the grass by topping it off and keeping it in a vegetative state. Do not apply spring nitrogen. Applying nitrogen in the spring will make the problem of too much grass at once even worse. In many cases you are better off to apply nitrogen in late summer or early fall to stimulate growth for winter stockpiling.
- **Remove most productive paddocks from rotation and harvest for hay.** Graze all paddocks until the pasture growth is just about to get away from you and then remove those productive paddocks from your rotation and allow them to accumulate growth for hay harvest.
- **Increase stocking rate in the spring.** If it is possible, a good option for utilizing spring growth is to increase your stocking rate. This will allow you to harvest more of the available forage and convert it into a saleable product. This can be done by adding some stockers or thin cull cows to your rotation and then selling them when pasture growth slows. If you are in a fall calving system, you are better positioned to take advantage of spring forage growth since the calves will be larger.
- **Even out seasonal distribution of forage by adding a warm-season grass.** Adding a well-adapted warm-season grass that produces the majority of its growth in July and August would allow you to concentrate grazing on your cool-season paddocks during periods of rapid growth (spring flush). After cool-season grass growth is slowed by higher temperatures in late spring and early summer, animals can be shifted in the warm-season paddocks for summer grazing.
- **Bush-hog out of control pastures.** The benefits of clipping include main-

Managing Spring Grass (cont.)

taining pastures in a vegetative state, encouraging regrowth, and controlling weeds. Clipping pastures costs money, so make sure that the primary reason for bush-hogging is pasture management, not aesthetics.

- Stockpile out of control pastures for summer grazing.** Although forage quality decreases as the plant matures, the quality of spring stockpiled pasture is sufficient for dry cows and in some cases can result in reasonable gains on growing animals during the summer months. This is especially true if using novel endophyte tall fescue and the pastures were clipped at the early boot stage to promote vegetative regrowth. This could be a cost-

effective and simple way to provide additional grazing during the summer months.

When it comes to grazing operations, there is not one size that fits all. What works for you may not work for your neighbor. The key is figuring out what works on your farm and implementing it in a timely manner. Hopefully one or more of the above tips will help you deal with the “quandary of spring grass”!

Source: Dr. Chris D. Teutsch, University of Kentucky Research and Education Center at Princeton

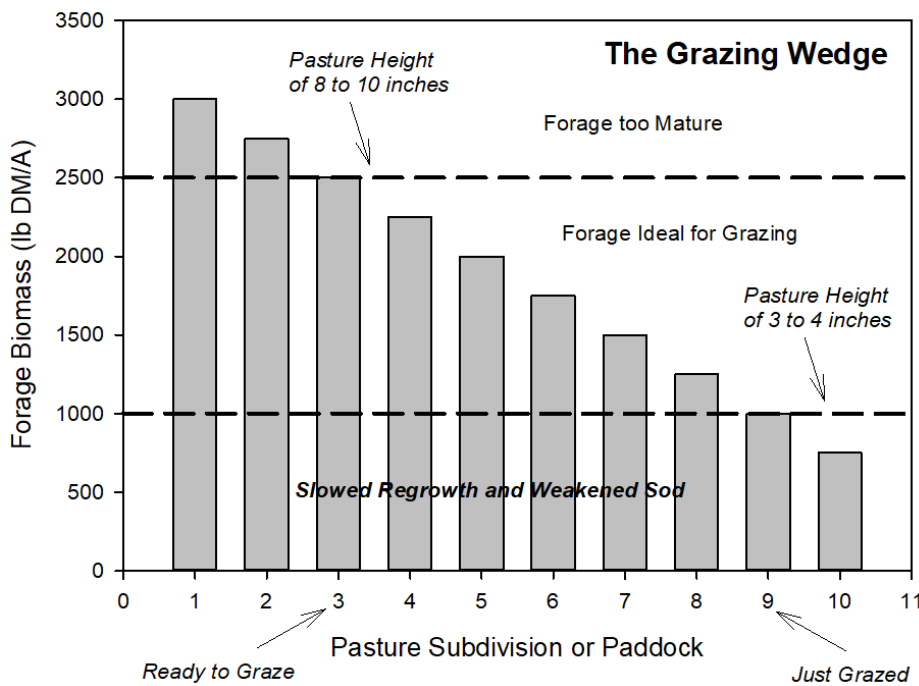


Figure 1. The “grazing wedge” simply refers to having pasture subdivisions or paddocks at varying stages of regrowth from just grazed to ready to graze.

Grow Smart with SOW: Kentucky Gardeners' Ultimate App for Planting Success

“Kentucky gardeners can download a free tool in the Apple and Google Play app stores to help them decide what to plant and harvest in their home garden.”

Kentucky gardeners can download a free tool in the Apple and Google Play app stores to help them decide what to plant and harvest in their home garden.

The app SOW—A Planting Companion is largely based on ID-128 Home Vegetable Gardening in Kentucky from the University of Kentucky Cooperative Extension. The app also has information from the Cooperative Extension services in Alabama and North Carolina for users in those states.

The app provides growing information for Plant Hardiness Zones 6a–9a. Some parts of Kentucky are in zones 6a or 7a, but most of the state is in zone 6b.

When you get the app, enter your state and county for plant information specific to your hardiness zone. You can always go back to the settings menu and change the information if you are interested in looking at data specific for other hardiness zones.

The app has three main parts: Library, My Garden and Journal.

Library:

- The library has informational sheets and pictures of almost 40 common home garden vegetables. You can arrange the vegetables by planting date, vegetable name or harvest date.
- When you click on a vegetable in the library, more information about that vegetable will appear. This information includes how many plants you need to grow for a good harvest, how far apart you should plant them, how deep you should plant them, and the range of pH levels in the

soil.

- There are also specific cultivars of each crop recommended for Kentucky gardens.

My Garden:

- You can also add plants to the My Garden area. You can design more than one garden at the same time. For example, you could have a spring garden, a summer garden and a fall garden. My Garden helps you remember when you planted, whether you used seeds or transplants, what cultivar or variety you planted and when you should be able to harvest it.
- You can also plan and enter a date to plant in the future. This is beneficial when you are planning transitions from the spring to summer garden, or from summer to fall. The app will then let you add that scheduled planting date to your phone's calendar as a reminder.

Journal:

- Once a crop is harvested, use the Journal section to write down the yield, the harvest date and any other information that might help you plan your garden for next year.

The app can also link you to your local Cooperative Extension office, where you'll find staff information and ways to contact extension agents with questions.

Dr. Rick Durham, U.K. Extension Horticulturist

2024 Kentucky Beginning Grazing School

Helping livestock producers improve profitability with classroom and hands-on learning

When: April 30-May 1, 2024

Where: Central Presbyterian Church
206 West Main Street, Princeton, KY 42445

Cost: \$60/Participant – includes all materials, grazing manual, grazing stick, morning refreshments, and lunch both days

Program Registration: DEADLINE is April 23, 2024

Online Registration with CREDIT CARD AT:

<https://Spring2024GrazingSchool.eventbrite.com>

Registration by U.S. Mail with CHECK:

Caroline Roper
UK Research and Education Center
348 University Drive, Princeton, KY 42445

Registration limited to 35 participants!!!



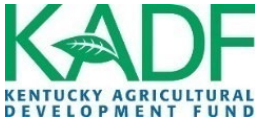
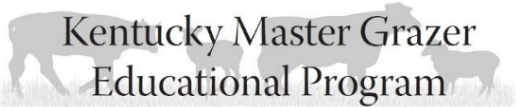
Name: _____
Street: _____
City: _____
State: _____ Zip Code: _____
Cell Phone: _____
Email: _____



Number of participants _____ x \$60 per participant = _____ Total Amount

Call for student rates.

Please make checks payable to KFGC



2024 Kentucky Beginning Grazing School

Helping livestock producers improve profitability with classroom and hands-on learning

Emphasis on ruminants - beef, dairy, sheep, & goats

Tuesday, April 30, 2024

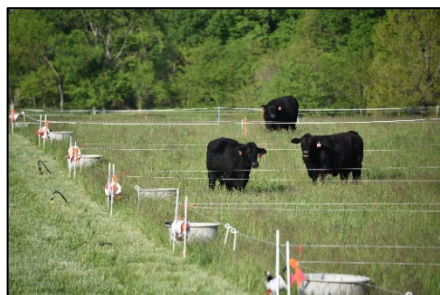
Wednesday, May 1, 2024

*****MEET AT CENTRAL PRESBYTERIAN CHURCH FELLOWSHIP HALL *****

7:30 Registration and refreshments
8:00 Welcome and introductions
8:15 Getting stocking rate right-Ray Smith, UK
8:30 Forage plant growth and grazing management-Chris Teutsch, UK
9:00 Grazing system design-Jeff Lehmkuhler
9:45 Break
10:15 Forage species-Chris Teutsch, UK
10:45 Hands on forage identification-Ray Smith, UK
11:30 Grazing system planning exercise-Adam Jones, NRCS
12:00 Lunch at church
12:45 Travel to host farm
1:00 Introductions and farm overview
Soil sampling pastures
Hay sampling
Pasture condition scoring
Hay sampling
Grazing planning exercise
4:00 Adjourn

7:30 Refreshments
8:00 Interpreting soil test results, John Grove, UK
8:30 Meeting the nutritional needs of grazing livestock-Katie VanValin, UK
9:15 Electric fencing-Jeremy McGill, Gallagher Fencing
10:00 Break
10:30 How I made grazing work on the farm-Graham and Dr. Sam Cofield, Trigg Co.
11:00 Rejuvenating run-down pastures-Chris Teutsch, UK
11:30 Financial assistance for improved grazing infrastructure-Local NRCS
12:00 Lunch at church
12:45 Travel to host farm
1:00 Hands on electric fencing
Hands on watering system
Grain drill calibration and set up
Frost seeding demonstration
Presentation of grazing plans
4:00 Surveys and graduation

For more information, please contact Caroline Roper at 270-704-2254 or Caroline.Roper@uky.edu.



**Organized and Sponsored by the Kentucky Forage and Grassland Council,
UK Cooperative Extension Service, and the Master Grazer Program**

This program is designed for producers and agricultural professionals to learn the newest fencing methods and sound fencing construction through a combination of classroom and hands-on learning

WHEN: April 23-Morehead, KY
April 25-Mayfield, KY

WHERE: Derrickson Agricultural Complex
Richardson Arena
25 MSU Farm Drive
Morehead, KY 40351

Graves County Extension Office
4200 State Route 45 N
Mayfield, KY 42066



COST: \$35/participant -- includes notebook, refreshments, safety glasses, hearing protection, and catered lunch

Registration DEADLINE: 2 weeks prior to workshop

ONLINE Registration with Credit Card:

____ Morehead, KY <https://Spring24FencingMorehead.eventbrite.com>

____ Mayfield, KY <https://Spring24FencingGraves.eventbrite.com>

Registration by U.S. Mail: Caroline Roper
UK Research and Education Center
P.O. Box 469
Princeton, KY 42445

Name: _____

Street: _____

City: _____ State: _____ Zip code: _____

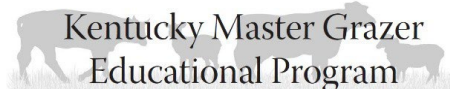
Email: _____ Cell Phone: _____

Number of participants _____ x \$35 per participant = _____ **Total Cost**

Make CHECKS payable to: KFGC



2024 Kentucky Fencing Schools



For more information contact Caroline Roper at 270-704-2254 or Caroline.Roper@uky.edu

2024 Kentucky Fencing School Agenda



- 7:30 Registration and Refreshments**
- 8:15 Welcome and Overview of the Day – Chris Teutsch, UK**
- 8:30 Fencing Types and Costs - Morgan Hayes, UK**
- 9:00 Fence Construction Basics – Eric Miller and Payton Rushing, Stay-Tuff**
- Perimeter fences vs. cross fences
 - Fencing options on rented farms
 - Proper brace construction
 - Line posts and fence construction
- 9:45 Break – visit with sponsors and presenters**
- 10:15 Electric Fencing Basics - Jeremy McGill, Gallagher**
- Proper energizer selection and grounding
 - Proper high tensile fence construction and wire insulation
 - Electric offset wires for non-electric fences
 - Underground wires and jumper wires
- 11:00 Innovations in Fencing Technologies - Josh Jackson, UK**
- Wireless fences, fence monitoring, fence mapping
- 11:30 Overview of Kentucky Fence Law - Clint Quarles, KDA**
- 12:15 Catered Lunch - visit with sponsors and presenters**
- 1:00 Hands-on Fence Building**
- Safety, fence layout, and post driving demo - Jody Watson and Tucker LaForce, ACI
 - H-brace construction - Jeremy McGill, Gallagher & Eric Miller and Payton Rushing, Stay-Tuff
 - Knot tying, splices, and insulator installation - Jeremy McGill, Gallagher & Eric Miller and Payton Rushing, Stay-Tuff
 - Installation of Stay-Tuff Fixed Knot Fence - Eric Miller and Payton Rushing, Stay-Tuff
 - Installation of High Tensile Fencing - Jeremy McGill, Gallagher
- 4:30 Questions, Survey and Wrap-up**



JESSAMINE COUNTY
BEEKEEPER'S CLUB
APRIL MEETING

**Chris Palmer from
Dadant talks about:
Resource Hives - what
is it, how to use it.**

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

95 PARK DR
NICHOLASVILLE, KY
6PM 4/25/24

