



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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Steve Musen
Jessamine County Extension Agent
Agriculture and Natural Resources



February 2023

Forage Stand Evaluation/Renovation and Pasture Walk

Tuesday, February 7th at the Jessamine County Extension Office
5:00p—Gather at the Extension Office for carpool to pasture walk/evaluation
6:00p—Return to the Extension Office for a light dinner
6:30p—Training with Dr. Ray Smith, U.K. Forage Extension Specialist

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Keeping 6

Fall of 2022, with low rainfall and less than desirable forage growing conditions has put much of Jessamine County's pasture and hay land in a stressed condition. As forage producers develop strategies to renovate damaged forage stands, it's important to know the percent stand, weed pressure and species mix.

Join Dr. Ray Smith, U.K. Forage Extension Specialist, as we walk a near-by pasture, followed by a classroom session on pasture/hay land renovation strategies. This training qualifies for CAIP Cost-Share Educational Requirements. Please RSVP to the Jessamine County Extension Office by Monday, February 6th to reserve a spot.



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4-H Youth Development
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LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.

Upcoming Events in Agriculture


Feb 6	Pastures Please! Equine Forage Conf. 5:30p @ Fayette County Extension	Feb 21-22	Mid-South Stocker Conf. WKU Farm, Bowling Green
Feb 7	“Forage Stand Evaluation” 6:00p @ Jessamine Extension	Feb 24	Backgrounder/Stocker Profitability Conference
Feb 15-18	National Farm Machinery Show KY Expo Center, Louisville	Feb 27	Central KY Grain Producers’ Seminar
Feb 20	Jessamine County Cattlemen 6:30p @ Jessamine Extension	March 3	Ag. Lenders Conference
Feb 21	KY Alfalfa and Stored Forage Conf. Cave City, KY	March 28	Gardening in Small Spaces @ Jessamine County Library

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




Baked Fish Fillets with Dill Sauce


Healthy Recipe From Cook Wild Kentucky



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



USDA Supplemental Nutrition Assistance Program
Putting Healthy Food Within Reach



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Baked Fish Fillets

- 1 pound freshwater fish fillets
- 1 tablespoon lemon juice
- 1 teaspoon water
- ½ teaspoon pepper
- 1 small onion, diced

Preheat the oven to 425 degrees Fahrenheit. Coat 9 x 13 inch baking dish with nonstick cooking spray. Place the fish in a single layer in a baking dish. Sprinkle the fish with 1 tablespoon lemon juice, 1 tablespoon water, pepper, and onion. Cover tightly with foil. Bake 20 to 25 minutes and internal temperature reaches 145 degrees Fahrenheit.

Dill Sauce

- ¼ cup low-fat mayonnaise
- ¼ cup fat-free milk

- 1 tablespoon dried dill weed
- 1 tablespoon lemon juice
- 2 teaspoons Dijon mustard

Place mayonnaise in a saucepan. Gradually whisk in milk. Whisk over medium-low heat for 2 minutes or until smooth and heated through but not bubbly. Remove sauce from heat. Stir in dill weed, 1 tablespoon lemon juice, and Dijon mustard. Remove fish to a serving platter. Spoon dill sauce over fish and serve.

Yield: 4 servings

Adapted from “Living Well, More Than a Cookbook,” Published by National Extension Association of Family and Consumer Sciences, Copyright 2010 by National Association of Family and Consumer Sciences, 14070 Proton Road, Suite 100LB9, Dallas, Texas 75244.

Nutrition Facts	
4 servings per container	
Serving size 4 ounces (170g)	
Amount per serving	% Daily Value*
Calories 170	
Total Fat 5g	6%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 80mg	27%
Sodium 280mg	12%
Total Carbohydrate 6g	2%
Dietary Fiber 1g	4%
Total Sugars 3g	
Includes 0g Added Sugars	0%
Protein 23g	
Vitamin D 0mcg	0%
Calcium 125mg	10%
Iron 2mg	10%
Potassium 480mg	10%

* 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:

Jessamine County Winter/Spring Training Series

Join the Jessamine County Extension Ag. And Natural Resources program for a series of training opportunities this winter. In-person training sessions will start at 6:00p and will include a light dinner. Preregistration is required.

- **February 7** “Forage Stand Evaluation”
With Dr. Ray Smith, U.K. Forage Extension Specialist
- **March 28** “Gardening in Small Spaces”
6:00p @ Jessamine County Library
- **April 20** “Small Fruit Production”
With Dr. Shawn Wright, U.K. Horticulture Specialist

Pastures Please! Equine Forage Conference

5:50p-8:00p—Monday, February 6th @ Fayette County Extension Office

See flyer for registration information

Kentucky Alfalfa and Stored Forage Conference

8:00a-4:00p—Tuesday, February 21 @ Cave City Convention Center

See flyer for registration information

Mid-South Stocker Conference

February 21-22 @ WKU L.D. Brown Ag. Expo. Center

See flyer for registration information

Backgrounder/Stocker Profitability Conference

9:30a-2:30p—February 24th @ Fayette County Extension Office

See flyer for registration information

Central Kentucky Grain Producers Seminar

9:00a-12:00p—February 27th @ Fayette County Extension Office

See flyer for registration information

Agricultural Lenders' Conference

10:00a-1:30p—March 3rd @ Fayette County Extension Office

See flyer for registration information

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Making Frost Seedings of Clover Work

“Frost seeding is an attractive method of establishment because of the minimal equipment requirements – usually a spinner seeder attached to a moderate horsepower tractor or ATV will get the seed spread.”

Kentucky weather has a wicked sense of humor. At the November board meeting of the Kentucky Forage and Grassland Council, our directors were literally talking about how our ‘warmer’ winters had backed up the optimum timing for frost seeding clover. And then came ‘Coldmeggedon’ over Christmas and now a warming trend that will see 60’s in late December and early January. Let me paraphrase a saying from my childhood: “Want to make God smile, predict Kentucky weather!” You could say the same thing about predicting the best time to ‘frostseed’ clovers. Will all of those caveats, let’s talk about some things that are a little more certain.

To start with, clovers are frankly amazing. Throw six pounds of red and one to two pounds of white clover onto sod with some exposed soil in late winter, control some competition and boom – high quality pasture. The benefits of clover are significant, including ‘free’ nitrogen, and high forage quality and yield. Even more significant is the new USDA research that clovers (especially red) directly counteract the vasoconstrictive effects of toxic endophyte tall fescue and you have an unbeatable set of attributes. Frost seeding is an attractive method of

establishment because of the minimal equipment requirements – usually a spinner seeder attached to a moderate horsepower tractor or ATV will get the seed spread. Red and/or white clover can be expected to establish successfully after being frost seeded because they germinate quickly, tolerate shading, and have aggressive root and shoot growth as seedlings. Their small, smooth seed is easily moved into the top quarter inch of soil by weather or hoof action.

Clovers have so many positive establishment traits that it is easy to forget that the requirements of forage establishment must be met even with a low input frost seeding. These basics include:

Get a current soil test, and apply the needed nutrients. Clovers need soil that is pH 6.5 to 7 and medium or better in phosphorus and potassium. Do not apply additional N except when diammonium phosphate (DAP) is needed to supply the needed phosphorus.

Select a good variety. Choose an improved variety with known performance and genetics. Choosing a better red clover variety can mean as much as three tons of additional hay and longer stand life compared to common seed (variety unknown). UK has extensive data available on yield and persistence of white and red clover for hay or pasture at http://forages.ca.uky.edu/variety_trials.

Spread enough seed. A typical seeding rate is 8 to 12 pounds of red or 1 to 2 pounds of white/ladino clover per acre. Applying a half rate (6 lb. red and 1 lb. white) will result in over 55 seeds per square foot on the field (37 red plus 18 white).

Make sure seed lands on bare soil.

(Continued on page 5)



Frost Seedings of Clover (cont.)

Excess grass or thatch must be grazed and/or disturbed until there is bare ground showing prior to overseeding. The biggest reason for failure of frost seedings is too much ground cover. Judicious cattle traffic or dragging with a chain harrow can expose the needed bare ground.

Get good seed-soil contact. Frost seedings depend on rain and snow or the freeze-thaw action of the soil surface (Figure 1) to work the clover seed into the top ¼ inch of soil. A corrugated roller used soon after seeding will also ensure good soil contact.

Control competition next spring. Do not apply additional N on overseeded fields next spring, and be prepared to do some

timely mowing if grass or spring weeds get up above the clover. Clover is an aggressive seeding but will establish faster and thicker if grass and weed competition is controlled.

Clover can be reliably frost seeded into existing grass pastures with a little attention to establishment basics. Soil fertility, variety, seeding rate, seed placement and competition control are the major contributors to success.

Happy Foraging.

Dr. Jimmy Henning, U.K. Forage Extension Specialist—from "The Forage Doctor"

KDA Nuisance Weed Spraying Program

NOTE: The registration period for this program is the month of February, and all registration must be done online at <http://www.kyagr.com/consumer/nuisance-weed-spraying-program-application.aspx>. This program consists of weed spraying demonstration plots. The department will provide the sprayer and enough chemical for the treatment of 10 acres of agricultural land or 100 gallons of spot spraying mix to be used on agricultural land. This program is limited to broadleaf weeds.

Broadcast Spraying demonstration plots consist of:

- 10 acres of agricultural land will be treated with chemical provided by the department
- Application is performed with a two-wheeled trailer type sprayer equipped with boomless nozzles.
- If additional chemical is provided by the participant, an additional 10 acres can be treated

Spot Spraying demonstration plots consist of:

- 100 gallons of broadleaf chemical mix which is applied until sprayer is empty
- Application is performed with a two-wheeled trailer type sprayer equipped with a handheld spray wand used by the tractor operator
- The participant must provide water source
- The participant must provide tractor and operator

“The department will provide the sprayer and enough chemical for the treatment of 10 acres of agricultural land or 100 gallons of spot spraying mix to be used on agricultural land.”

Start the Year Right with Good Record-Keeping

“Record-keeping tasks don’t have to be difficult. Think of it as a way to keep track of your operation that will help you make better long-term decisions.”

Record-keeping is not everyone’s favorite activity, but with a little time, patience and a commitment to get it done, your financial life will be more peaceful.

Record-keeping tasks don’t have to be difficult. Think of it as a way to keep track of your operation that will help you make better long-term decisions. You can use a ledger book or a computer—whatever helps you maintain consistency. Software programs can help you make sense of your data.

Software has become more user-friendly over time, and while it may not make the record-keeping process fun, it could help you see the overall picture of your operation. Some programs track purchases and how you use each item on a particular enterprise or field. You’ll be able to keep track of repair and maintenance records for specific farm equipment and produce balance sheets, income statements and cash flow budgets.

For many livestock operations, a good time to start keeping records is when your veterinarian comes to check your

animals. Vets usually charge per head, so that data can help you develop a list of animals that need attention. You can use the same data to develop health histories of your animals, which will lead to more informed exams and diagnoses in the future.

Make record-keeping a team effort for your family. Sit down and work on the records and budget together. Perhaps one person can read the information while another person types it into the software program or writes it in the ledger book. You won’t become overwhelmed if you do a little bit each day and don’t save it all up for the end of the year. Year-end procedures also can feel more satisfying if you’ve done the work throughout the year. You can generate year-end reports with a few simple clicks and not have to sort through stacks of bills lying around the home or office.

Dr. Steve Isaacs, U.K. Extension Agriculture Economist

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IN-PERSON

Backgrounding/Stocker Profitability Conference



Kenny Burdine



Greg Halich



Jonathan Shepherd

UK Agricultural Economics is partnering with the Kentucky Beef Network to offer a Backgrounder/Stocker Profitability Conference. This conference is funded by the Kentucky Agricultural Development Fund through the Kentucky Beef Network.

TOPICS

- Understanding the current market environment
- Cost of gain vs value of gain
- Stocker and backgrounding budget scenarios
- Key marketing concepts for margin operations
- Tax and financial management of margin operations
- Livestock Risk Protection Insurance

Registration is \$15/person, RSVP deadline is February 20th. Please RSVP to the Fayette County Extension Office at (859) 257-5582 or beau.neal@uky.edu.

WHEN: Friday - February 24, 2023
9:30 AM - 2:30 PM -lunch provided

WHERE: Fayette County Extension Office
1140 Harry Sykes Way
Lexington, KY 40504

Department of Agricultural Economics
400 Charles E. Barnhart Building
Lexington, KY 40546-0276
(859) 257-5762 | agecon.ca.uky.edu



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Fayette County Extension Office

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<http://fayette.ca.uky.edu/>



AGRICULTURAL LENDERS UPDATE

This program has been specifically planned to provide agricultural lenders the most up to date information we have in order to help you as you work with our farmers and agribusinesses.

Fayette County Extension Office—March 3rd—RSVP appreciated

- 10:00 **Barry Barnett:** Welcome
- 10:05 **Will Snell:** US / Kentucky Farm Economy
- 10:50 **Greg Halich:** 2023 Grain Profitability and Management Implications
- 11:30 Lunch
- 12:15 **Kenny Burdine:** Lender Considerations for Livestock Operations
- 1:00 **Jerry Pierce/Tarrah Hardin:** KFBM Regional Observations
- 1:30 Wrap up, questions and discussion

CONTACT YOUR LOCAL COUNTY EXTENSION OFFICE TO RSVP:

FAYETTE COUNTY COOPERATIVE EXTENSION 859-257-5582 or beau.neal@uky.edu

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Disabilities
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 with prior notification.

2023 CENTRAL KENTUCKY GRAIN PRODUCERS SEMINAR

Monday, February 27, 2023 ~ 9:00 am — 12:00 pm

Location: Fayette County Extension Office

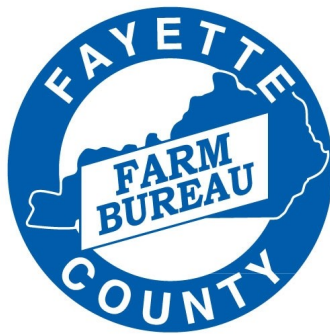
1140 Harry Sykes Way, Lexington, KY

PLEASE RSVP: (859) 257-5582

LUNCH WILL BE SERVED



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Dr. Chad Lee
Grain Crops Specialist

Dr. Jordan Shockley
Agriculture Economics

Dr. Steve Isaacs
Agriculture Economics

**For more information and to
RSVP, contact Fayette County
Extension Office:**

Beau Neal

(859) 257-5582

beau.neal@uky.edu



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This meeting qualifies for CAIP!

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Nutrient Status of
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KDA Hay Contest

Update on Options
for managing
thinning alfalfa
stands



**FEB.
21
8AM**

CENTRAL TIME

**CAVE CITY
CONVENTION CENTER**

Click Here to
[Register Today!](#)



Kentucky
Forage and
Grassland
Council

FOR MORE INFORMATION, CONTACT KATE AT (513) 470- 8171

MID-SOUTH STOCKER CONFERENCE

FEBRUARY 21, 2022

5:30PM REGISTRATION

6:00PM PROGRAM

FEBRUARY 22, 2022

8:30AM REGISTRATION

9:30AM PROGRAM

REGISTER HERE:



WKU L.D. BROWN AG EXPO CENTER

406 Elrod Road Bowling Green, KY 42104



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Jessamine County Extension Service
95 Park Drive
Nicholasville, KY 40356



Join us for the 16th annual

Pastures Please!!

Monday, February 6th, 5:30 – 8:00 pm



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Fayette County Extension Office

1140 Harry Sykes Way, Lexington
Hosted by the UK Cooperative Extension
and UK Ag. Equine Programs



College of Agriculture,
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Equine Programs

Program

- 5:30 Refreshments
- 6:00 Pasture Recovery and Rejuvenation, Dr. Ray Smith
- 6:30 Meeting Your Equipment Needs, Dr. Morgan Hayes
- 7:00 Weed Control after a Drought, Dr. Bill Witt



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QR code or call:
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