

SEPTEMBER 2024



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

## Nicholas County Extension

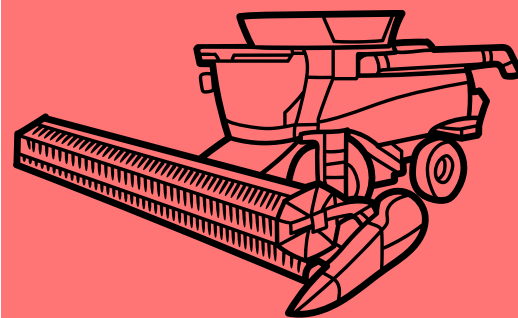
# Ag and Natural Resources Newsletter

### Forage Timely Tips

- Do NOT graze cool-season pastures closer than 3 to 4 inches. This will help to conserve soil moisture and prevent overheating of the crowns.
- If drought conditions limit pasture growth, close off pastures and feed hay in a sacrifice area.
- Graze warm season annuals or perennials to allow cool season grasses to recover and to avoid endophyte-infected fescue.
- After first good rain in August, seed winter annuals (such as small grains, ryegrass, crimson clover, and brassicas) for late fall and early spring grazing.
- Plant alfalfa after first good rain in August to allow sufficient size going into winter and reduce potential for sclerotinia damage.
- Consider renovation of cool-season grass pastures that have thinned.
- In mid-August to early September, exclude livestock from pastures to be stockpiled and apply 60 lb N/A and any needed lime, P and K.

### Upcoming Events:

- **CAIP Education Dates**
- **BQCA Trainings**
- **Farmers Market Training**
- **Hay Contest**
- **Spraying Training**



#### Shelby Cleaver

ANR/4-H Agent  
University of Kentucky  
368 East Main Street  
Carlisle, KY 40311  
859-289-2312  
[shelby.cleaver@uky.edu](mailto:shelby.cleaver@uky.edu)



### Cooperative Extension Service

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

### MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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Lexington, KY 40506



Disabilities  
accommodated  
with prior notification.

# CAIP Education Opportunity Dates:

**September 19th at 6PM Forages**

**November 12th at 6PM Livestock Marketing**

**January 9th at 6PM Bull Selection &  
Genetics**

**Please call the office to let us know if you plan  
to attend any of these events at 859-289-2312.**

**Cooperative  
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Lexington, KY 40506



## MONEY FOR FARM IMPROVEMENTS



KENTUCKY AGRICULTURAL  
DEVELOPMENT FUND

### Eligible Investment Areas:

*Agricultural Diversification*  
*AaTech & Leadership Development*  
*Large Animal - Small Animal*  
*Farm Infrastructure*  
*Fencing & On-Farm Water*  
*Forage & Grain Improvement*  
*Innovative Ag. Systems*  
*On-Farm Energy*  
*Poultry & Other Fowl*  
*Value Added & Marketing*

Administered by  
**Nicholas County Conservation  
District**

115 West Main St.  
Carlisle, KY 40311  
(859) 587-2132

## COUNTY AGRICULTURAL INVESTMENT PROGRAM (CAIP)

Applications are available for Nicholas County's CAIP to assist farmers in making important farm investments.

### Application Period:

**August 26th through September  
13th, 2024**

**No applications will be accepted before  
August 26th or after September 13th**

### Application Availability:

**Nicholas County Conservation District  
Monday – Friday (8:00 a.m. – 4:30 p.m.)**

### For More Information:

**Contact Victoria Fryman at (859) 587-2132 or  
email [nicholasconservation@hotmail.com](mailto:nicholasconservation@hotmail.com)**

*All applications are scored, based on the scoring criteria  
set by the Kentucky Agricultural Development Board. Please  
ask us to see binder for new rules/updates.*

## MONEY FOR FARM IMPROVEMENTS



KENTUCKY AGRICULTURAL  
DEVELOPMENT FUND

### Eligible Investment Areas:

*Agricultural Diversification*  
*Animal Production*  
*Forage Improvement*  
*Showmanship*  
*Supervised Agriculture Experience (SAE)*  
*Country Ham Project*

*You may select up to two investment areas*

Administered by  
**Nicholas County Conservation  
District**

115 West Main St.  
Carlisle, KY 40311  
(859) 587-2132

## YOUTH AGRICULTURAL INVESTMENT PROGRAM (YAIP)

Applications are available for Nicholas County's YAIP to assist farmers in making important farm investments.

### Application Period:

**August 26th through September  
13th, 2024**

**No applications will be accepted before  
August 26th or after September 13th**

### Application Availability:

**Nicholas County Conservation District  
Monday – Friday (8:00 a.m. – 4:30 p.m.)**

### For More Information:

**Contact Victoria Fryman at (859) 587-2132 or  
email [nicholasconservation@hotmail.com](mailto:nicholasconservation@hotmail.com)**

*All applications are scored, based on the scoring criteria  
set by the Kentucky Agricultural Development Board.*

# Beef Quality Care Assurance (BQCA) Dates:

**September 5th at 4:30PM (FREE)**

**September 16th at noon (FREE)**

**September 24th at 9AM (FREE)**

**November 7th at 5PM**

**Classes are \$5 a person unless stated otherwise.**

**Gate signs are available for \$10 each.**

**We only accept cash or check. Checks are to be made out to “Kentucky Beef Network”**

**Friendly reminder:**

**An updated BQCA card required if you plan to do large animal category for CAIP!**

**Plus an educational component will also be required.**

**Please call the office to let us know if you plan to attend any of these days/time at 859-289-2312.**



# Large Scale Invasive Species Management Via Aerial Spraying

### Bush Honeysuckle

- Invasive Bush Honey-suckle is a rapidly spreading plant that is out competing natives and destroying eastern hardwood forests

### Spraying

- Low cost compared to conventional treatment methods
- Very effective and efficient
- Timing - Fall spraying when native plants are dormant

### Environmental Benefits

- Increase native forage and cover for wildlife
- Promote oak regeneration
- Improve overall forest health



### Workshop Details

Join us for a workshop to discuss previous treatments and possible cost share opportunities available to treat your property.

2 Sessions available - 9/6/2024

9:00 am & 6:00 pm

Registration Required:

Questions:

2930 Locust Grove Rd Nick Harpe - (502) 892 - 8822



nicholas.harpe@ky.gov

Carlisle Ky, 40311



## NICHOLAS CO. LIVESTOCK BARN

# FARMERS MARKET

## Double Dollars

### SEPTEMBER 9TH @6:30PM

Register by calling our office at 859 - 289 - 2312

LEARN DIFFERENT WAYS ON MONEY HANDLING WHILE SET UP AT THE MARKET AND TALKING ABOUT ACCEPTING SNAP BENEFITS DURING THE MARKET

Cooperative Extension Service

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

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Disability accommodations with prior notification

# 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 the Nicholas County  
Extension office at 859-289-2312  
to sign up**



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

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# Multiple corn diseases confirmed in Kentucky

Author: Kiersten Wise, Extension Plant Pathologist

There are multiple foliar diseases confirmed in Kentucky corn fields this year. Some are familiar and annually important diseases like [gray leaf spot](#) and [southern rust](#), but newer diseases are also present in several areas of the state.

[Tar spot](#) on corn, caused by *Phyllachora maydis*, was confirmed by the University of Kentucky Plant Disease Diagnostic Laboratory (PDDL) from samples collected in Henderson County (Figure 1). As of July 30, there are several Kentucky counties with suspected tar spot, although samples will need to be confirmed by the PDDL. Crop scouts will likely continue to find tar spot as the season progresses, but the impact of the disease in each field is still to be determined.

In areas where the disease is confirmed, infections likely occurred a month or so ago. The fungus that causes tar spot has a very long latent period (the time between infection and symptom expression) under optimal conditions, but in our Kentucky environment, that exact time period is unknown.



Figure 1. Tar spot on corn (photo by Kiersten Wise)

[Recent research](#) has suggested that it could be 19-41 days between infection and when symptoms are observed. This could explain why we are finding it now, even though conditions are currently hot and humid.

The Crop Protection Network has recently put together a fungicide decision [table](#) (Table 1), that shows the benefit of spraying fungicide for tar spot based on when symptoms are first observed. This is similar to our fungicide decision [table for southern rust](#) and will aid in making decisions of if/when to spray for tar spot based on disease detection. Remember, fields that do not have tar spot do not need a fungicide application to manage tar spot.

Research has shown that a single fungicide application at VT/R1 is effective at preventing yield loss from tar spot and is also the best chance of seeing a positive ROI. If fields have already been sprayed for southern rust or other diseases, the decision to make a second application should be made on a case-by-case basis.

Table 1. Possible benefits (by growth stage) from applying fungicides to protect against tar spot in corn.

Crop Stage When Tar Spot is First Detected	Possible Benefit From Spraying	Comment
Late Vegetative	Rarely, consult extension specialists before spraying	Scout fields and monitor disease progress; may need a second spray
VT/R1 (Tasseling/Silking)	Yes	May need a second spray
R2 (blister)	Yes	Less likely to need a second spray
R3 (milk)	Yes	No second spray needed
R4 (dough)	Maybe, with severe disease pressure	No second spray needed
R5 (dent)	No	No second spray needed
R6 (black layer)	No	No second spray needed

# 2024 Kentucky Intermediate Grazing School

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

**When:** September 25-26, 2024

**Where:** Woodford County Extension Office  
184 Beasley Drive, Versailles, KY 40383

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

**Program Registration:** DEADLINE is September 20, 2024

**Online Registration with CREDIT CARD AT:**

<https://2024FallGrazingSchool.eventbrite.com>

**Registration by U.S. Mail with CHECK:**

Caroline Roper  
UK Research and Education Center  
PO Box 469, Princeton, KY 42445



Name: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

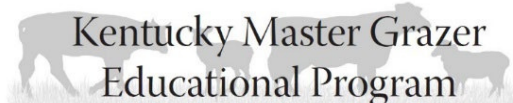
Cell Phone: \_\_\_\_\_

Email: \_\_\_\_\_



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

**Please make checks payable to KFGC**





# 2024 Kentucky Intermediate Grazing School

Christi.Forsythe@uky.edu

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

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

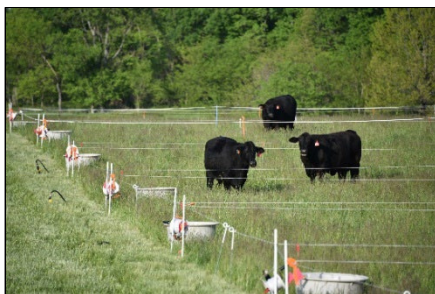
**Wednesday, September 25, 2024**

**Thursday September 26, 2024**

**\*\*\*MEET AT WOODFORD COUNTY EXTENSION OFFICE EACH MORNING\*\*\***

7:30 Registration and refreshments  
8:00 Introduction of staff and participants  
8:15 Grazing math and small group planning for field exercise-Dr. Katie VanValin, UK  
9:00 Break & travel to field demonstration area  
9:30 Getting comfortable with electric fencing- Jeremy McGill  
10:00 Portable water system setup-Dr. Jeff Lehmkuhler, UK  
10:30 Methods to assess forage availability-Dr. Ray Smith, UK  
11:00 Hands-on: setting up small paddocks for grazing demonstrations-All Instructors  
12:00 Return to Woodford County Extension Office  
12:30 Lunch (Woodford County Cattlemen)  
1:00 Hands on plant ID-Dr. Ray Smith, UK  
1:30 Options for getting water to livestock-Dr. Jeff Lehmkuhler and Dr. Chris Teutsch, UK  
2:30 Managing tall fescue in grazing systems-Dr. Jimmy Henning  
3:15 Exploring plant root systems-Dr. Ray Smith and Dr. Chris Teutsch  
4:00 Discussion  
4:30 Adjourn

7:30 Refreshments  
8:45 Understanding and managing nutrient cycles in grasslands-Dr. John Grove, UK  
9:30 Managing shade in grazing systems-Dr. Katie VanValin, UK  
9:30 Break  
10:00 Drought proofing your grazing system- Dr. Chris Teutsch, UK  
10:30 Utilizing the Graze Model for planning- Dr. Jimmy Henning, UK and Adam Jones, NRCS  
11:15 How I made grazing work on the farm- Todd Clark, Clark Family Farm  
12:00 Lunch (Woodford County Cattlemen)  
12:45 Optimizing the use of existing forage resources-Dr. Chris Teutsch, UK  
1:15 Travel to field demonstration area  
1:45 Field exercise: observe grazed paddocks and hear reports from each group  
3:00 Frost seeding clover-Brittany Hendrix and Dr. Chris Teutsch, UK  
3:45 Annuals for extending grazing-Dr. Ray Smith, UK  
4:45 Final comments, diplomas, and adjourn



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LEXINGTON, KY 40546



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# Tex-Mex Quinoa Salad

<b>2-3 ears</b> shucked corn	<b>1 cup</b> cilantro, chopped	<b>Dressing:</b>
<b>1 cup</b> quinoa, uncooked	<b>1 cup</b> cherry tomatoes, halved	<b>½ cup</b> lime juice
<b>1 (15 ounce)</b> can black beans, drained and rinsed	<b>8-10</b> green onions, thinly sliced	<b>1½ tablespoons</b> red wine vinegar
<b>1 cup</b> fresh spinach, chopped	<b>½ cup</b> feta cheese crumbles	<b>2 tablespoons</b> olive oil
	<b>1 small</b> jalapeno, seeded, deveined, minced	<b>1 teaspoon</b> ground cumin
		<b>1 teaspoon</b> chili powder
		<b>1 teaspoon</b> honey
		Salt and pepper to taste

**Fill** a large saucepan with water and bring to **boil**, **add** corn and **cook** for 5 minutes or until tender. **Cool**. **Cut** corn from cob using a sharp knife. **Cook** quinoa according to package directions. **Whisk** together dressing ingredients in a small **bowl**. **Set** aside. When quinoa has cooled, **add** dressing and **stir** to coat. In a large

**bowl combine** remaining ingredients and **add** to the quinoa mixture. **Cool** in refrigerator and serve.

**Yield:** 8, 1 cup servings

**Nutritional Analysis:** 220 calories, 7 g fat, 1.5 g saturated fat, 5 mg cholesterol, 250 mg sodium, 32 g carbohydrate, 5 g fiber, 4 g sugars, 9 g protein.

