

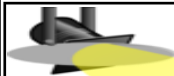
# Fayette County Agriculture & Natural Resources Newsletter

February 2022



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

Cooperative Extension Service  
Fayette County Extension  
1140 Harry Sykes Way  
Lexington, KY 40504-1383  
Phone (859) 257-5582  
Email: DL\_CES\_Fayette@email.uky.edu  
<http://fayette.ca.uky.edu/>



## PUBLICATION SPOTLIGHT

### Renovating Hay and Pasture Fields (AGR-26)

Renovate means to renew and improve. This publication discusses managing a pasture or hay field that has become less productive and renovating or “renewing” it so that it will become more productive. In Kentucky, this usually means adding lime and fertilizer, controlling weeds, and planting an adapted legume such as red clover and/or ladino white clover. The primary benefits of renovation come as a result of getting legumes established in grass-dominated fields. Publication is available on-line at <http://www2.ca.uky.edu/agcomm/pubs/agr/agr26/agr26.pdf> or contact Beau Neal at [beau.neal@uky.edu](mailto:beau.neal@uky.edu) or (859) 257-5582.



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

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LEXINGTON, KY 40546

## Upcoming Events

- || **February 21, 2022 ~ 2022 Central Kentucky Grain Producers Seminar**; Fayette County Extension Office, Lexington, KY; 9:00am-12:00pm; Please RSVP by contacting Beau Neal at [beau.neal@uky.edu](mailto:beau.neal@uky.edu) or (859) 257-5582; For more information, please see the flyer in this newsletter.
- || **February 21, 2022 ~ Pastures Please!!**; Fayette County Extension Office, Lexington, KY; 5:30-8:00pm; Please RSVP online at <https://pasturesplease2022.eventbrite.com> or by contacting Beau Neal at [beau.neal@uky.edu](mailto:beau.neal@uky.edu) or (859) 257-5582.
- || **February 23, 2022 ~ 2022 Mid-South Stocker Conference**; VIRTUAL, 12:00-2:45pm EST; For more information, go to: <https://midsouthstockerconference.utk.edu/>; To register: <https://tiny.utk.edu/22MSSC>
- || **February 24, 2022 ~ 41st Annual Kentucky Alfalfa and Stored Forage Conference**, Warren County Extension Office, Bowling Green, KY; 7:30am-3:00pm (CST); For more information or to register, please go to <https://forages.ca.uky.edu/event/kentucky-alfalfa-and-stored-forage-conference>
- || **March 8, 2022 ~ Novel Tall Fescue Renovation Workshop**; VIRTUAL; 6:00-9:00pm ET; For more information or to register go to, <https://TFVirtual2022.eventbrite.com>
- || **March 8, 2022 ~ Fayette County Cattlemen's Association Annual Meeting**; Fayette County Extension Office, 1140 Harry Sykes Way; 6:00pm; For more information or to RSVP, contact [beau.neal@uky.edu](mailto:beau.neal@uky.edu) or (859) 257-5582.



Disabilities accommodated with prior notification.

# FAYETTE COUNTY FARM BUREAU'S 39TH ANNUAL



## In Person & Online

### FARM EQUIPMENT CONSIGNMENT AUCTION

**SATURDAY MARCH 19TH, 2022 @8:30AM**  
[WWW.FAYETTECOFARMBUREAU.COM](http://WWW.FAYETTECOFARMBUREAU.COM)



#### EQUIPMENT DROP OFF

Mon - Fri: Mar. 14th - 18th  
9am - 5pm

#### Consignor info:

Online consignments accepted  
Monday - Wednesday only\*  
All other consignments accepted everyday

\*no vehicles or lawn and garden items for online platform

#### NO JUNK

QUESTIONS? DROP US A LINE

TODD CLARK: (859) 621-6471  
BOB JAMES: (859) 229-4642  
CARRIE MCINTOSH: (859) 253-0023

#### Terms and Conditions:

10% commission, \$30 minimum per lot, \$500max per lot  
\$30 buy back fee/ no sale fee including tractors  
\$50 buy back fee/ no sale fee for vehicles and boats  
All titles at check-in NO EXCEPTION

Kentucky Horse Park  
4089 Ironworks Pike Lexington, Ky 40511

Swinebroad-Denton, Inc. Walt Robertson, Principal Auctioneer.464

## Forage Timely Tips: February

Source: UK Forage News

<https://kyforagenews.com/>

- Continue grazing stockpiled tall fescue if available.
- Assess grass stands. If thin, consider adding legumes.
- Begin frost seeding with at least 6 lb/A red and 1 lb/A white clover on closed grazed pastures.
- On pastures with lower fertility, consider adding 10-15 lb/A annual lespedeza to the above recommendation.
- Consider applying nitrogen in mid to late February on some pastures to promote early growth.
- Sign up for shared use drills for spring renovation.
- Service and calibrate no-till drills.

## Soil Samples Early This Year

Source: Frank Sikora, UK Director of Laboratories and Soils Program

Soil tests are the only way to ensure your ground has the nutrients it needs for the upcoming growing season, and with the current high input costs, it could help you save money. We are encouraging producers to submit these samples to us as early as possible this year to ensure your results are back before you need to make your first spring application. The University of Kentucky is down a soil testing lab due to the Dec. 10 tornado that destroyed the Research and Education Center in Princeton. UK's Lexington Soil Testing Laboratory will be analyzing all samples until further notice. As March is expected to be extremely busy, earlier submission of samples to the lab is highly encouraged.

Depending on what you plan to produce, you will need to take different kinds of soil samples. Production agriculture fields, lawns, gardens, fruit trees and ornamentals all have unique fertility and soil pH requirements. Collect at least 10 soil cores in small areas. Larger fields may need at least 20 soil cores. Soil samples will also have different depths depending on the tillage system you use. Samples from tilled areas, gardens, ornamentals and fruit trees, should be taken at least 6 to 8 inches deep. Collect soil samples about 4 inches deep in no-till fields and home lawns.

Submit soil samples (at least 2 cups of soil per sample) to UK through your local extension office. The samples will then be sent to UK for testing\*. If you have questions about how to take the soil sample or how to interpret the results, please contact your local extension office. To contact the Fayette County Extension Office, please call (859) 257-5582 or email [DL\\_CES\\_Fayette@email.uky.edu](mailto:DL_CES_Fayette@email.uky.edu).

\*In Fayette County, there is a fee of \$7.00 per soil sample submitted for testing, payable when sample(s) submitted.

# 2022 CENTRAL KENTUCKY GRAIN PRODUCERS SEMINAR

Monday, February 21, 2022 ~ 9:00 am — 12:00 pm

Location: Fayette County Extension Office

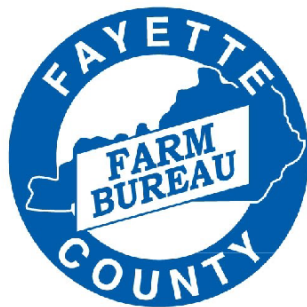
1140 Harry Sykes Way, Lexington, KY

PLEASE RSVP: (859) 257-5582

**LUNCH WILL BE SERVED**



Specialists in Farm & Turf Equipment Since 1972



**Dr. Chad Lee**  
*Agronomic Update*

**Dr. Jordan Shockley**  
*Farm Management Decisions  
and Grain Bag Storage*

**Dr. JD Green**  
*Weed Control for 2022*

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

Beau Neal

(859) 257-5582

beau.neal@uky.edu



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

**This meeting qualifies for CAIP!**

Cooperative Extension Service  
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Family and Consumer Sciences  
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LEXINGTON, KY 40546



Disabilities  
accommodated  
with prior notification.





## Broccoli Brunch Casserole

|   |  |   |
|---|--|---|
| Nonstick cooking spray                      | <b>1 1/2 cups</b> shredded, part skim mozzarella cheese, divided | <b>1 teaspoon</b> ground black pepper       |
| <b>8 ounces</b> ground turkey sausage       | <b>8 eggs</b>  | <b>1/2 teaspoon</b> salt                    |
| <b>3 1/2 cups</b> broccoli florets, chopped | <b>1 cup</b> part skim ricotta cheese                            | <b>1 Roma (Plum) tomato</b> , thinly sliced |
|   | <b>1/4 cup</b> skim milk   |   |

**Preheat** oven to 350 degrees F. **Spray** a 9-by-13-inch baking dish with nonstick cooking spray. **Place** a medium-sized skillet over medium heat. **Sauté** sausage until evenly brown, **drain** well, **crumble**, and **cool slightly**. In a medium bowl, **mix** cooked sausage, broccoli, and a 1/2-cup of mozzarella. In a separate bowl, **whisk** eggs until frothy and then **combine** with a 1/2-cup of mozzarella, ricotta cheese, milk, pepper, and salt. **Spoon** the sausage mixture into the prepared baking dish. **Spread** the egg mixture over the sausage mixture. **Sprinkle** with the remaining mozzarella,

and **arrange** the tomato slices on top. **Cover** with foil, and **bake** 30 minutes. **Uncover**, and **bake** for an additional 15 minutes. Let **stand** for 10 minutes before serving.

**Yield:** 8 slices

### Nutritional Analysis:

260 calories, 16g total fat, 7g saturated fat, 0mg cholesterol, 550mg sodium, 7g total carbohydrate, 1g fiber, 1g total sugars, 0g added sugars, 20g protein, 6% DV vitamin D, 25% DV calcium, 10% DV iron, 6% DV potassium.

For Plate It Up! recipes, visit:

<http://fcs-hes.ca.uky.edu/u/content/plate-it-kentucky-proud>



For Cook Wild Kentucky recipes, visit:

<https://www.planeatmove.com/recipes>



## Update on Agriculture Exemption Number for Sales Tax Exemption on Farm Purchases

Source: Jerry Pierce, *Economic and Policy Update* (22):1, Department of Agricultural Economics, University of Kentucky, January 28th, 2022

The application deadline for farms with existing Exemption Certificates on file with farm suppliers was January 1, 2022. Applications are still being accepted for existing farms. However, the Kentucky Department of Revenue may not be able to issue an Agriculture Exemption Number for late applications before the current Exemption Certificates expire. That could cause a lapse in sales tax exemption this year. The existing Exemption Certificates are valid through June 30, 2022. Farmers who missed the deadline should apply as soon as possible.

Farms that do not have existing Exemption Certificates should also apply as soon as possible in order to qualify for the sales tax exemption.

Kentucky law now requires that farmers apply to the Kentucky Department of Revenue for an Agriculture Exemption Number to qualify for exemption from sales tax on qualified purchases for the farm. For more information, instructions, and link to the application see the earlier article "Agriculture Exemption Number Now Required for Tax Exemption on Farm Purchases" (<https://agecon.ca.uky.edu/agriculture-exemption-number-now-required-tax-exemption-farm-purchases>).



Join us for the 12th annual

# Pastures Please!!

...hosted by UK Cooperative Extension in  
conjunction with UK Ag Equine Programs

**February 21, 5:30-8 p.m.**

Fayette County Extension Office  
1140 Harry Sykes Way, Lexington, Kentucky

Register via this QR  
code or by calling (859)  
257-5582.



## PROGRAM

5:30 Refreshments

5:45 Welcome

6:00 Pasture Health, *Dr. Ray Smith*

6:45 Controlling Foxtail & Buttercup,  
*Dr. Bill Witt*

7:15 Plants that Shouldn't be in Your  
Pastures, *Dr. Megan Romano*

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Tribute Equine Nutrition



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## **NUISANCE WEED SPRAYING PROGRAM KENTUCKY DEPARTMENT OF AGRICULTURE**

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. The department's representative will demonstrate proper mixing and application techniques. A number of nuisance weeds can be treated under this program depending on the needs of the participant. 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
- If additional chemical is provided by the participant, an additional 100 gallons can be sprayed

For each demonstration:

- The participant must provide water source
- The participant must provide tractor and operator
- All chemical products must be labeled and the product label will be strictly followed
- A maximum of 7 participants per county

This program is designed to target weeds that have a negative impact on the participant's agricultural production. There will be an annual online application period to participate in this program. *Applications can be completed from February 1st to February 28th.*

**To submit an application, please go to  
<http://www.kyagr.com/consumer/nuisance-weed-spraying-program-application.aspx>**

### **Master Finisher Program**

The Master Finisher Program has been designed for producers interested in finishing beef cattle on their operation, as well as those who have already been doing so. The program will consist of monthly webinars held October-April on the 3rd Tuesday of the month (skipping December), AND two in-person sessions.

There is no cost to participate in this program. Sessions will be recorded for viewing later so you don't have to participate in each one to enroll. Contact the Madison County Extension Office at (859) 623-4072 or email Brandon Sears ([brandon.sears@uky.edu](mailto:brandon.sears@uky.edu)) to sign up. (All sessions are CAIP Education eligible.)

#### **Online Sessions - All start at 8:00 pm ET**

- **February 15, 2022 ~ *Food safety considerations for selling beef*** - Dr. Paul Priyesh Vijaya-Kumar
- **March 15, 2022 ~ *Confinement facilities*** - Dr. Morgan Hayes
- **April 19, 2022 ~ *Environmental compliance/waste management*** - Dr. Steve Higgins

**Weekly Kentucky Cattle and Grain Summary**

**USDA Livestock, Poultry and Grain Market News**

Frankfort, KY

Monday, February 7, 2022

For Week Ending:

Saturday, February 5, 2022

Receipts: 12,906

Last Week: 19,994

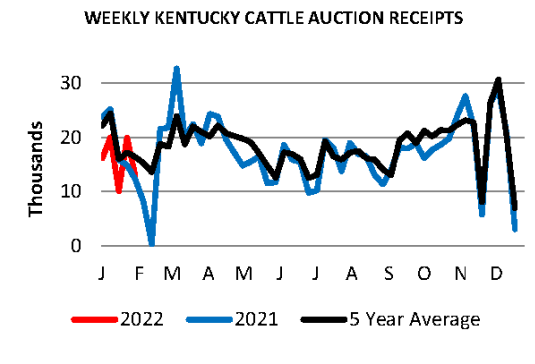
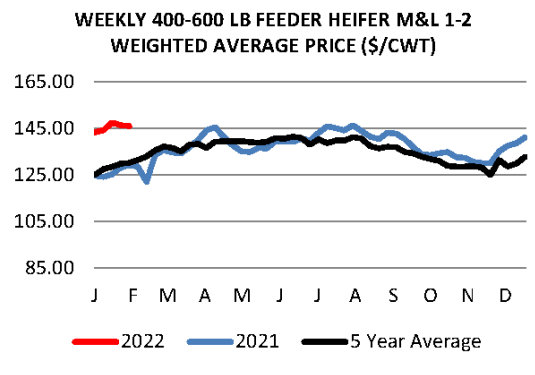
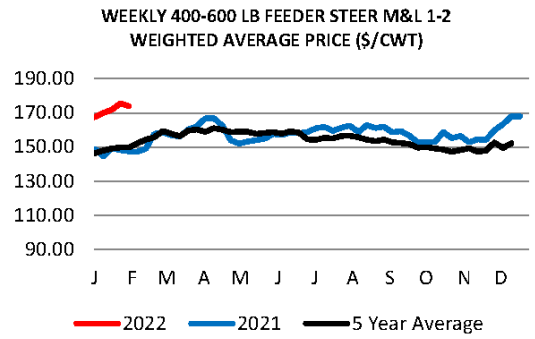
Last Year: 12,232

Compared to last week, feeder steers sold mostly steady to 4.00 higher feeder heifers steady to 3.00 higher with good to very good demand. Slaughter cows sold mostly steady to 3.00 higher with moderate to good demand and slaughter bulls mostly 1.00 to 4.00 higher with good to very good demand. Winter weather struck the region late in the week closing some markets and severely restricting cattle movement.

[View Full Summary](#)

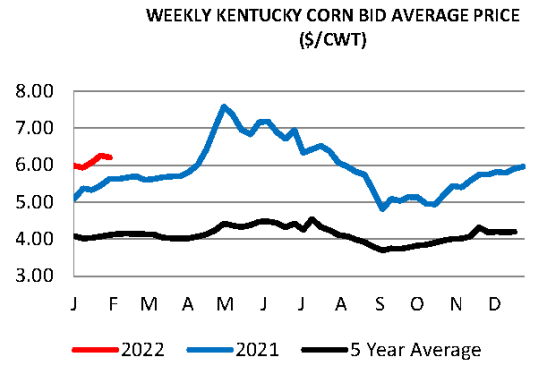
**STATE AVERAGES**

|                              | <u>This Week</u> | <u>Prior Week</u> | <u>Last Year</u> |
|------------------------------|------------------|-------------------|------------------|
| <b>Steers (M&amp;L 1-2)</b>  |                  |                   |                  |
| 350-400 lbs                  | 188.75           | 188.49            | 167.11           |
| 400-450 lbs                  | 184.48           | 182.09            | 156.85           |
| 450-500 lbs                  | 175.54           | 178.61            | 149.31           |
| 500-550 lbs                  | 167.04           | 168.40            | 144.76           |
| 550-600 lbs                  | 165.24           | 166.48            | 138.80           |
| 600-650 lbs                  | 157.37           | 156.19            | 135.01           |
| 650-700 lbs                  | 149.64           | 151.61            | 130.22           |
| 700-750 lbs                  | 146.64           | 147.20            | 126.74           |
| 750-800 lbs                  | 143.15           | 144.44            | 124.77           |
| 800-850 lbs                  | 142.22           | 141.15            | 122.58           |
| 850-900 lbs                  | 138.08           | 138.54            | 113.59           |
| <b>Heifers (M&amp;L 1-2)</b> |                  |                   |                  |
| 300-350 lbs                  | 155.11           | 154.79            | 138.34           |
| 350-400 lbs                  | 150.55           | 153.56            | 138.89           |
| 400-450 lbs                  | 149.55           | 150.52            | 135.80           |
| 450-500 lbs                  | 146.07           | 149.30            | 132.83           |
| 500-550 lbs                  | 143.68           | 142.75            | 128.11           |
| 550-600 lbs                  | 139.03           | 141.52            | 121.61           |
| 600-650 lbs                  | 135.54           | 138.69            | 119.76           |
| 650-700 lbs                  | 134.86           | 134.86            | 117.35           |
| 700-750 lbs                  | 129.91           | 130.44            | 115.28           |
| 750-800 lbs                  | 132.79           | 127.67            | 111.32           |



**WEEKLY COW SUMMARY**

|                        | <u>Average</u> | <u>High</u>  | <u>Low</u>  |
|------------------------|----------------|--------------|-------------|
| <b>Slaughter Cows</b>  |                |              |             |
| Breakers               | 62.50-83.00    | 67.00-103.00 | 57.00-72.50 |
| Boners                 | 54.00-84.00    | 62.00-99.50  | 47.00-67.50 |
| Lean                   | 46.00-75.50    | 60.50-78.50  | 40.00-64.00 |
| <b>Slaughter Bulls</b> |                |              |             |
| Yield Grade 1&2        | 83.00-110.00   | 74.00-121.00 | 65.00-96.00 |



January 27, 2022 Bowling Green, KY

**SLAUGHTER GOATS: 136**

Kids-Selection 1-2: 45 lbs 455.00; 60 lbs 470.00; 70 lbs 440.00.  
 Kids-Selection 2 55 lbs 440.00; 60-61 lbs 450.00-470.00; 75 lbs 300.00.

**SLAUGHTER SHEEP: 406**

Wooled-Choice and Prime 1-2: 62-68 lbs 365.00-380.00. Hair Breeds-Choice and Prime 1-2: 46-48 lbs 420.00; 53 lbs 400.00; 68-69 lbs 380.00-385.00; 87 lbs 360.00; 105-140 lbs 225.00-300.00. Hair Breeds-Choice 2 53 lbs 410.00; 78 lbs 330.00; 86 lbs 350.00; 93 lbs 275.00; 145 lbs 180.00.

[View Full Report](#)

[View Latest Grain Report](#)

|                  | <u>This Week</u> | <u>Prior Week</u> | <u>Last Year</u> |
|------------------|------------------|-------------------|------------------|
| <b>GRAINS</b>    |                  |                   |                  |
| Corn             | 5.97-6.70        | 6.10-6.71         | 5.23-5.87        |
| Soybeans         | 14.37-15.84      | 13.39-15.05       | 13.17-13.97      |
| Red Winter Wheat | 7.57-7.94        | 7.77-8.33         | 6.13-6.90        |

USDA-KY Livestock, Poultry & Grain Market News  
 Frankfort, KY  
 Levi Geyer, OIC 502-782-4139  
 Email: [Levi.Geyer@usda.gov](mailto:Levi.Geyer@usda.gov)  
[USDA Livestock, Poultry, and Grain Market News](#)



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# Fayette County Cooperative Extension Agriculture & Natural Resources Newsletter

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Beau Neal  
County Extension Agent for Agriculture  
& Natural Resources  
Cooperative Extension Service  
Fayette County Extension Service  
1140 Harry Sykes Way  
Lexington, KY 40504-1383  
(859) 257-5582



Office Hours: 8:00am - 4:30pm - Monday-Friday

UNIVERSITY OF KENTUCKY,  
KENTUCKY STATE UNIVERSITY, U.S.  
DEPARTMENT OF AGRICULTURE, AND  
KENTUCKY COUNTIES, COOPERATING



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