

Fayette County Agriculture & Natural Resources Newsletter

September 2023

 Cooperative Extension Service

Cooperative Extension Service
Fayette County Extension
1140 Harry Sykes Way
Lexington, KY 40504-1383
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Email: DL_CES_Fayette@email.uky.edu
<http://fayette.ca.uky.edu/>



PUBLICATION SPOTLIGHT

2020-2021 Lime and Nutrients Recommendations (AGR-1)

Recommended nutrient additions, based on a soil test, are only made when a yield response has been measured for that crop under Kentucky soil-climatic conditions. Many field studies have been conducted by the Kentucky Agricultural Experiment Station under Kentucky farm conditions to determine the extent of any primary, secondary, or micronutrient needs. Yield and soil test data from these studies serve as guidelines for establishing recommendations contained in this publication. Recommendations in this publication strive to enable each soil/field to supply a sufficient level of available plant nutrients, regardless of seasonal weather and assuming good management practices.

Publication is available on-line at <http://www2.ca.uky.edu/agcomm/pubs/agr/agr1/AGR1.PDF> or by contacting Beau Neal at beau.neal@uky.edu or (859) 257-5582.

Upcoming Events

|| **September 21, 2023 ~ Beef Bash**; C. Oran Little Research Center, Versailles, KY; 1:30pm; For more information on how to register, please go online to <http://forages.ca.uky.edu/Events>

|| **September 27-28, 2023 ~ 2023 Kentucky Beginning Grazing School**; Woodford County Extension Office, Versailles, KY; For more information on how to register, please see the flyer in this newsletter.

|| **October 3, 2023 ~ Eastern Kentucky KFGC Field Day**; Old Homeplace Farm, Manchester, KY; 4:30-7:30pm, rain or shine; For more information on how to register, please go online to <http://forages.ca.uky.edu/Events>

|| **October 17, 2023 ~ Beef Cattle Seedstock Symposium**; Fayette County Extension Office, Lexington, KY; 7:30am-3:30pm; For more information on how to register, please see the flyer in this newsletter.

|| **October 26, 2023 ~ Kentucky Beef Conference**; Clark County Extension Office, Winchester, KY; 10:00am-2:00pm; For more information on how to register, please see the flyer in this newsletter.

|| **November 1, 2023 ~ Kentucky Grazing Conference - East**; Fayette County Extension Office, Lexington, KY; 7:30am-3:30pm EDT; For more information on how to register, please go online to <http://forages.ca.uky.edu/Events>

|| **November 7, 2023 ~ 2023 Kentucky Fencing School**; Scott County Extension, Georgetown, KY; 7:30am-4:30pm; For more information on how to register, please go online to <http://forages.ca.uky.edu/Events>

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.

2023 Kentucky Beginning Grazing School

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

When: September 27-28, 2023

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

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

Program Registration: DEADLINE is September 22, 2023

Online Registration with CREDIT CARD AT:

<https://www.eventbrite.com/e/2023-kentucky-beginning-grazing-school-fall-tickets-666511101647?aff=oddtcreator>

Registration by U.S. Mail with CHECK:

Christi Forsythe
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



2023 Kentucky Beginning Grazing School

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

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

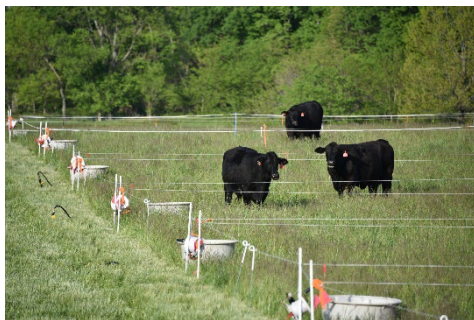
Wednesday, September 27, 2023

Thursday September 28, 2023

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

- 7:30 Registration and refreshments
- 8:00 Introduction of staff and participants
- 8:15 Benefits of rotational grazing-Dr. Ray Smith, UK
- 8:35 Introduction to soils-Dr. John Grove, UK
- 9:05 Grazing math concepts/introduce field exercise-Dr. Katie VanValin, UK
- 9:35 Break & travel to field demonstration area
- 10:00 Hands on soil sampling-Dr. John Grove
- 10:20 Portable/seasonal water systems-Dr. Jeff Lehmkuhler, UK
- 10:40 Methods to assess pasture production and determine stocking rate-Dr. Ray Smith, UK
- 11:00 Hands-on: setting up small paddocks for grazing demonstrations-All Instructors
- 12:15 Lunch at farm (Woodford County Cattlemen)
- 1:00 Travel to local farm
- 1:30 Tour of local farm
- 3:00 Travel to teaching facility
- 3:30 Using electric fencing to control grazing-Jeremy McGill, Gallagher
- 4:00 Forage species for a comprehensive grazing system-Dr. Chris Teutsch, UK
- 4:30 Discussion and adjourn

- 7:30 Refreshments
- 8:00 Forage plant growth-Dr. Ray Smith, UK
- 8:30 Meeting the nutritional needs of grazing livestock-Dr. Jeff Lehmkuhler, UK
- 9:00 Financial assistance for improved grazing infrastructure-Adam Jones, NRCS
- 9:30 Break
- 10:00 Fencing types and costs-Dr. Morgan Hayes, UK
- 10:30 Fundamentals of laying out a grazing system-Dr. Jeff Lehmkuhler, UK
- 11:00 Small group project: grazing system design-Adam Jones, NRCS
- 12:00 Lunch (Woodford County Cattlemen)
- 1:00 How I made grazing work on the farm-Todd Clark, Clark Family Farm
- 1:30 Rejuvenating run-down pastures-Dr. Chris Teutsch, UK
- 2:00 Grazing myths that impact profitability-Dr. Greg Halich, UK
- 2:45 Travel to field demonstration area
- 3:00 Field exercise: observe grazed paddocks and hear reports from each group
- 3:30 Hay sampling and analysis-Dr. Jimmy Henning, UK
- 4:00 GPS and frost seeding demonstration-Brittany Hendrix
- 4:30 Final comments, diplomas, and adjourn





Fall Spiced Pumpkin Bread

½ cup all-purpose flour	2 teaspoons pumpkin pie spice	½ cup honey
1¼ cup whole-wheat flour	½ teaspoon salt	2 cups pumpkin puree
1½ teaspoons baking powder	½ cup melted margarine	⅓ cup olive oil
1 teaspoon baking soda	½ cup sugar	2 eggs
		⅓ cup chopped walnuts

Heat oven to 350 degrees F. **Mix** flours, baking powder, baking soda, pumpkin spice and salt; set aside. In a large mixing bowl, **whisk** together margarine, sugar, honey, pumpkin puree and olive oil. **Blend** in eggs. **Add** flour mixture. **Stir** until dry ingredients are moistened. **Spray** a 8-by-4 inch loaf pan with non-stick cooking spray. **Pour** batter into pan; **sprinkle** walnuts on top of batter. **Bake** for 1 hour. **Remove** from oven

and **cover** with foil. **Return** to oven and **bake** an additional 20 minutes or until toothpick inserted in center comes out clean. **Cool** for 10 minutes and **remove** from pan.

Yield: 16 slices

Nutritional Analysis: 220 calories, 13 g fat, 2 g saturated fat, 30 mg cholesterol, 270 mg sodium, 26 g carbohydrate, 1 g fiber, 14 g sugars, 4 g protein.

For Plate It Up! recipes, visit:
<http://fcs-hes.ca.uky.edu/content/plate-it-kentucky-proud>



For Cook Wild Kentucky recipes, visit:
<https://www.planeatm ove.com/recipes>



Small and Back Yard Poultry Webinars

In conjunction with the Universities of Wisconsin, Florida, Minnesota, The Ohio State University and Utah State University, UK will host 10 Zoom sessions in 2023 on everything from reproductive issues to managing poultry flocks on pasture. The last of them for the year are listed below.

- Respiratory issues with poultry (October 3, 2023 @ 3 PM Eastern Time)
- Designing a small flock poultry house (November 7, 2023 @ 3 PM Eastern Time)
- Managing a poultry flock on pasture (December 5, 2023 @ 3 PM Eastern Time)

To see a full list of webinars, go online to <https://poultry.extension.org/webinars>

Forage Timely Tips: September

Source: UK Forage News <https://kyforagenews.com/>

- If not already done, soil sample and apply fertilizer as needed
- Plant perennial grasses and legumes. Consider using a novel endophyte tall fescue.
- Harvest hay as needed. Do NOT harvest alfalfa after mid-September
- Scout pastures, identify perennial weeds and woody bush. Consult an agricultural professional to determine the control strategy.
- Closely monitor livestock and do NOT overgraze. Pasture plants accumulate energy reserves in the fall that help them overwinter and regrow in the spring.
- Feed hay to allow pastures to stockpile for winter grazing.
- Rest native warm-season grass fields until after frost for better winter survival.

Beef Cattle SEEDSTOCK SYMPOSIUM



OCTOBER 17

Fayette County Kentucky
Extension Office, Lexington,
KY
8:30 AM - 3:30 PM

To register for the Lexington, KY event please go to
<https://www.eventbrite.com/e/709667262887?aff=oddtcreator>

OCTOBER 18

Barren County Kentucky
Extension Office, Glasgow,
KY
8:30 AM - 3:30 PM

To register for the Glasgow, KY event please go to
<https://www.eventbrite.com/e/709673651997?aff=oddtcreator>

OCTOBER 19

Middle Tennessee
AgResearch and Education
Center, Spring Hill, TN
8:30 AM - 3:30 PM

To register for Spring Hill, TN event please go to
<https://www.eventbrite.com/e/709676941837?aff=oddtcreator>

Eventbrite will have more information for each location.

MORE INFORMATION

This program is designed for seedstock producers that are marketing bulls to commercial and/or other seedstock producers. The cost for each location is \$25.

QUESTIONS

If you have any questions or would like a paper registration email Maggie.Ginn@uky.edu.



Beef Cattle Seedstock Symposium Registration Registration Form

Please make sure that you choose the correct location before sending the form to Tyler Purvis. If you have any questions email Maggie.Ginn@uky.edu

DEADLINE : 1 0 / 1 3 / 2 3

PERSONAL INFORMATION

Full Name : _____

Present Address : _____

City : _____ State : _____

Zip Code : _____ Phone : _____

Email : _____ Number of Participants : _____

Location : Fayette County Kentucky Barren County Kentucky

Middle Tennessee

REGISTRATION BY U.S. MAIL WITH CHECK - \$25.00

Address to send check and registration to : Tyler Purvis / Seedstock Symposium
821B W.P. Garrigus Building
Lexington, KY 40546-0215

Make the Check out to : University of Kentucky - AFS
Memo: Seedstock Symposium

2023 RINSE AND RETURN RECYCLING PROGRAM

The 2023 Rinse and Return date for Fayette County is **September 28, 2023, from 10:00am to 12:00pm at the Fayette County Extension Office**, 1140 Harry Sykes Way, Lexington, back parking lot.

The Rinse and Return Program is a voluntary, cooperative program sponsored by the Kentucky Department of Agriculture and the Agri-Business Association of Kentucky (ABAK). Other partners include the University of Kentucky Cooperative Extension Service, which helps coordinate the Program on a county level, Farm Bureau, the U.S. Department of Agriculture's Natural Resources Conservation Service and the local conservation districts, and the Ag Container Recycling Council. Due to the materials previously held by these pesticide containers they cannot be recycled with your ordinary household plastics. This program allows for the proper recycling of these pesticide containers. This reduces the amount of material entering the landfill or being disposed of by other means. Some of the end products include drainage pipe, highway sign posts, underground utility conduit, and wire/cable spool flanges. The Rinse and Return Program has collected 1,892,000 pounds of pesticide containers since its inception with more than 100 counties participating. It started out in 1991 with three participating counties and gathered 10,000 pounds of material in the first year. KDA field technicians believe the 2 million pound mark can be achieved this year. Please check out the Rinse and Return Recycling Program schedule for the collection date and time in your area (https://www.kyagr.com/consumer/documents/es_pest_rinseandreturnschedule.pdf).

Pressure Rinsing

- Remove cover from container. Empty the pesticide into the spray tank and let the container drain for 30 seconds.
- Continue holding the container upside down over the sprayer tank opening so rinsate will run into the sprayer tank.
- Insert the pressure-rinse nozzle by puncturing through the bottom of the pesticide container.
- Rinse for length of time recommended by the manufacturer (generally 30 seconds or more).

Triple Rinsing

- Remove cover from container. Empty the pesticide into the spray tank and let the container drain for 30 seconds.
- Fill the container 10% to 20% full of water or rinse solution.
- Secure the cover on the container.
- Swirl the container to rinse all inside surfaces.
- Remove cover from the container. Add the rinsate from the container to sprayer tank and let drain for 30 seconds or more.
- Repeat steps 2 through 5 two more times.
- Puncture container.

For More Information: <https://www.kyagr.com/consumer/pest-and-recycling.html>

Dead Animal Removal Reimbursement

The **Fayette County Conservation District** will reimburse up to \$150.00 for the removal of dead livestock by a certified state company, and up to \$50.00 for self delivery to an appropriate facility. All arrangements for livestock removal must be made by you, the landowner.

Please contact **FCCD** at (859) 202-1811 or support@KYfccd.com for more information.



State Certified DAR Companies: **Conboy Enterprises**, (859) 221-6998
Large Animal Composting of Kentucky, (859) 583-7761



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

"Today's Challenges, Tomorrow's Opportunities"

Kentucky Beef Conference



October 26, 2023

In person

Clark County Extension Office
1400 Fortune Dr
Winchester, Kentucky 40391

9:00—10:00

Registration, visit
sponsors

\$10 registration fee

**RSVP by October 20th
to Clark County
Extension Office
859.744.4682**

10:00—Welcome & Sponsor Recognition

Levi Berg, Clark County Agriculture &
Natural Resources Extension Agent

University of KY Remarks & Welcome

Dr. Scott Radcliffe, UK CAFÉ Animal & Food
Sciences Department Chair

Beef Outlook & Marketing Strategies

Troy Applehans, Cattle-FAX Analyst

11:00— Fecal Egg Count Reduction Test

Dr. Jeff Lehmkuhler, UK Beef Nutrition
Extension Specialist and Dr. Michelle Arnold,
UK Ruminant Extension Veterinarian

11:30— Tools for Beef Producers

Dr. Les Anderson, UK Beef Extension
Specialist

12:00 Lunch

1:00— LRP & Price Risk Protection

Dr. Kenny Burdine, UK Beef Economic
Extension Specialist

2:00—Adjourn

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University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
Lexington, KY 40506



Disabilities
accommodated
with prior notification.

Weekly Kentucky Cattle and Grain Summary

USDA Livestock, Poultry and Grain Market News

Frankfort, KY

Monday, September 18, 2023

For Week Ending:

Saturday, September 16, 2023

Receipts: 28,184

Last Week: 15,222

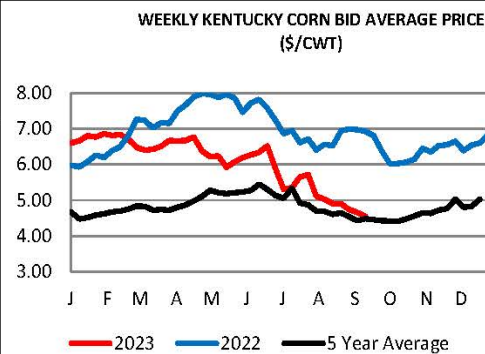
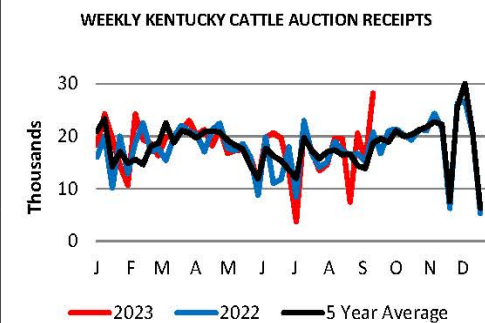
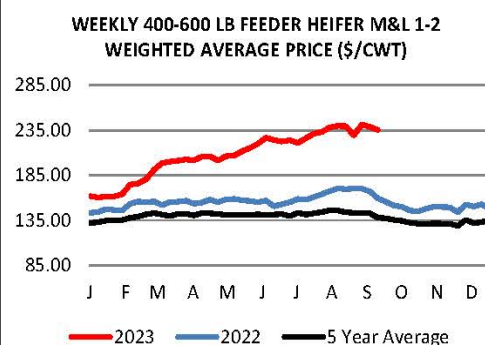
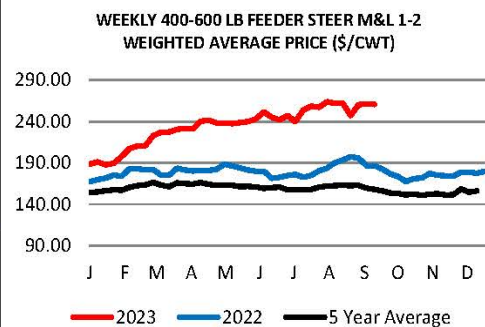
Last Year: 20,772

Compared to last week feeder steers and heifers sold unevenly steady with prices ranging 2.00 to 4.00 higher to 2.00 to 4.00 lower. Demand was good to very good with most interest for weaned and preconditioned cattle. Yearlings sold steady to 2.00 lower with good to very good demand. Slaughter cows were mostly steady to 2.00 lower with good demand and slaughter bulls mostly steady to 2.00 higher with good to very good demand.

[View Full Summary](#)

STATE AVERAGES

	<u>This Week</u>	<u>Prior Week</u>	<u>Last Year</u>
Steers (M&L 1-2)			
350-400 lbs	257.71	259.70	195.19
400-450 lbs	257.51	255.66	185.04
450-500 lbs	259.52	255.56	190.01
500-550 lbs	250.89	250.59	178.81
550-600 lbs	248.66	252.46	175.82
600-650 lbs	243.42	243.61	170.67
650-700 lbs	241.19	245.19	170.43
700-750 lbs	239.36	236.52	165.27
750-800 lbs	240.52	234.34	162.09
800-850 lbs	230.91	232.01	153.74
850-900 lbs	231.08	228.96	170.17
Heifers (M&L 1-2)			
300-350 lbs	241.16	247.46	159.64
350-400 lbs	235.13	239.26	162.60
400-450 lbs	235.22	234.56	159.93
450-500 lbs	232.40	235.85	160.62
500-550 lbs	231.94	223.87	157.21
550-600 lbs	229.91	227.17	153.62
600-650 lbs	228.32	223.77	150.09
650-700 lbs	221.93	226.06	148.05
700-750 lbs	214.05	212.73	141.58
750-800 lbs	210.48	203.00	140.01



WEEKLY COW SUMMARY

	<u>Average</u>	<u>High</u>	<u>Low</u>
Slaughter Cows			
Breakers	90.00-119.00	103.00-134.00	80.00-105.00
Boners	87.00-118.00	104.00-134.50	72.00-110.50
Lean	68.00-109.00	81.00-131.00	57.00-99.00
Slaughter Bulls			
Yield Grade 1&2	115.00-132.00	128.00-153.50	90.00-119.00

September 14, 2023

Bowling Green, KY

SLAUGHTER GOATS: 274

Kids Selection 1 53 lbs 292.50; 74 lbs 310.00. **Selection 1-2** 70 lbs 272.50; 84 lbs 265.00. **Selection 2** 56 lbs 275.00; 84 lbs 265.00. **Selection 2-3** 52 lbs 205.00.

SLAUGHTER SHEEP: 987

Hair Breeds-Choice & Prime 1-2 55 lbs 245.00; 72-77 lbs 190.00-192.50; 81-89 lbs 162.50-177.50; 119-142 lbs 135.00-147.50. **Choice 2** 57 lbs 220.00; 72 lbs 177.50; 86 lbs 162.50-177.50; 119-142 lbs 135.00-147.50. **Wooled Choice & Prime 1-2** 122 lbs 135.00. **Choice 2** 65 lbs 172.50; 91 lbs 162.50; 115 lbs [View Full Report](#)

[View Latest Grain Report](#)

GRAINS	<u>This Week</u>	<u>Prior Week</u>	<u>Last Year</u>
Corn	4.31-4.86	4.28-5.16	6.57-7.36
Soybeans	12.77-13.99	13.15-14.06	13.82-16.53
Red Winter Wheat	5.35-6.27	5.45-6.34	8.29-8.45

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

Cooperative Extension Service

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Lexington, KY 40504-1383

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



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

UNIVERSITY OF KENTUCKY,
KENTUCKY STATE UNIVERSITY, U.S.
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