

OF WHEAT & WINDROWS AGRICULTURE AND NATURAL RESOURCES NEWSLETTLER March 2023



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

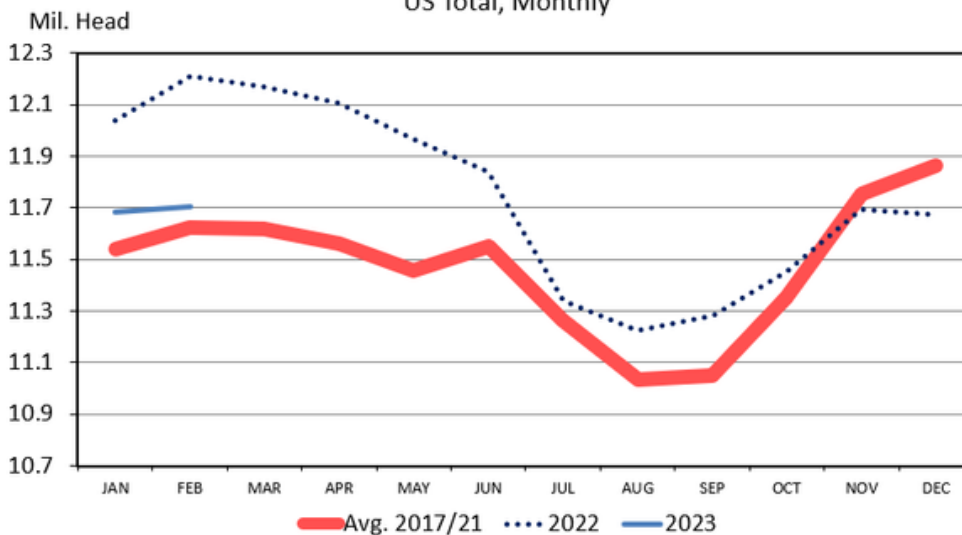
Boyle County Extension
99 Corporate Drive
Danville, KY 40422
Phone: (859) 236-4484



Cattle On Feed Inventories Decline for a Fifth Consecutive Month

By: Dr. James Mitchell, University of Arkansas

CATTLE ON FEED
US Total, Monthly



Data Source: USDA-NASS
Livestock Marketing Information Center

C-N-10
02/24/23

According to the latest USDA Cattle on Feed report published last week, feedlot inventories were below year-ago levels for the fifth consecutive month. There was an estimated 11.70 million head of cattle on feed as of February 1, 4% lower than February 1, 2022. For perspective, February 2022 feedlot inventories were historically large, partly explaining the 4% decline. That is, comparing inventories this year to a historically large number last year.

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SOUTH CENTRAL KY TOBACCO GROWERS MEETING

Thursday, March 2, 2023

Garrard County Extension Office
1302 Stanford Road, Lancaster, KY 40444

- 6:00pm Meal begins—reservation required
- 6:30pm **Tobacco Production Update & Disease Management**
Dr. Bob Pearce, UK Tobacco Specialist
- 7:20pm **Tobacco GAP Certification & Update**
Amy Rochkes, Gap Connection Representative
- 8:30pm **Closing Comments & Announcements**

ALL tobacco growers are invited and *urged* to attend. This meeting qualifies for one hour commercial pesticide applicator CEU. This program is approved for GAP Certification and Re-Certification by all buying companies and market locations.

COOPERATIVE EXTENSION



Make your meal reservations by noon, March 1 by calling your county office:

Boyle—859-236-4484	Mercer—859-734-4378	Estill—606-723-4557
Lincoln—606-365-2447	Casey—606-787-7384	Madison—859-623-4072
Garrard—859-792-3026	Pulaski—606-679-6361	Rockcastle—606-256-2403

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LEXINGTON, KY 40546



Disabilities accommodated with prior notification.

On-feed inventories were 4% lower in Kansas and 6% lower in Texas. February 1 feedlot inventories in Nebraska totaled 2.57 million head and were 3% lower than last year's February total. Even larger declines were observed in Oklahoma (11% lower year over year) and Colorado (10% lower year over year). Among the major cattle-feeding regions, Iowa was one of just a few states that reported an increase in February 1 inventories, 620 thousand head or 2% higher.

Feedlot placements have been below year-ago levels since September 2022. January feedlot placements declined 3.4% year over year to 1.93 million head. Except for cattle weighing 700-799 Lbs, placements across all weight categories (<600 Lbs, 600-699 Lbs, >800 Lbs) were all down by more than 3%. Lower placements will have important implications for beef production in 2023.

Looking at forecasts from the February World Agricultural Supply and Demand Estimates (WASDE), USDA expects beef production to decline 6% in 2023. The February beef production forecast reflects an upward revision of 50 million pounds compared to USDA's January forecast, which offers important insights. Higher beef cow and fed heifer slaughter elevated beef production in 2022, reflecting worsening drought conditions. If USDA continues to revise the 2023 beef production forecast upward, it will suggest that drought conditions still need to improve to moderate beef cow and heifer slaughter.

The Market

Feeder cattle prices were stronger across markets last week which continued the overall trend of 2023 so far. Depending on location, 500-600 pound steer prices are up \$10 to \$20 per cwt above prices in early January.

Cattle Market Report		For Weeks Ending On			% Chg	% Chg	
Prices \$/cwt. Sources: USDA, LMIC, and CME		2/24/23	2/17/23	2/25/22	Prev. Week	Prev. Year	Chg Prev. Week
500-600 lb. Feeder Steers	Mississippi M/L #1-2	\$182.28	\$178.43	\$157.23	2%	16%	\$3.86
	Arkansas M/L #1	\$214.88	\$212.04	\$174.51	1%	23%	\$2.84
	Kentucky M/L #1-2	\$198.32	\$199.57	\$167.78	-1%	18%	(\$1.25)
	Oklahoma City M/L #1-2	\$204.51	\$199.50	\$182.44	3%	12%	\$5.01
	Alabama M/L #1	\$203.99	\$194.67	\$167.92	5%	21%	\$9.32
	Tennessee M/L #1-2	\$201.93	\$195.52	\$171.50	3%	18%	\$6.41
	Missouri M/L #1-2	\$208.97	\$207.86	\$185.53	1%	13%	\$1.11
700-800 lb. Feeder Steers	Mississippi M/L #1-2	\$170.17	\$146.86	\$144.91	16%	17%	\$23.31
	Arkansas M/L #1	\$177.72	\$171.92	\$151.24	3%	18%	\$5.81
	Kentucky M/L #1-2	\$170.93	\$167.96	\$146.81	2%	16%	\$2.97
	Oklahoma City M/L #1-2	\$181.46	\$175.99	\$155.77	3%	16%	\$5.48
	Alabama M/L #1	\$169.33	\$167.70	\$137.88	1%	23%	\$1.63
	Tennessee M/L #1-2	\$172.19	\$165.36	\$139.31	4%	24%	\$6.83
	Missouri M/L #1-2	\$179.36	\$179.14	\$156.53	0%	15%	\$0.22
Negotiated Fed Steers	Live Price	\$163.72	\$161.17	\$143.22	2%	14%	\$2.55
	Dressed Price	\$260.97	\$256.78	\$227.13	2%	15%	\$4.19
Boxed Beef Cutout	Choice Value, 600-900 lb.	\$286.64	\$275.65	\$260.82	4%	10%	\$10.98
	Select Value, 600-900 lb.	\$273.10	\$260.94	\$258.88	5%	5%	\$12.15

BQCA Training

The Boyle County Cooperative Extension Service will be offering BQCA Training sessions:

When:

March 22nd at 6:30 pm

All training will be held at the Boyle County Extension Office in Room 104. Please RSVP by calling the office or emailing tyler.ray@uky.edu



COOPERATIVE EXTENSION



Raising Turkeys in Small and Backyard Flocks Webinar

March 7, 2023

3:00 PM EST

Dr. Jacquie Jacob

Many people are interested in raising turkeys for home consumption. Dr. Sally Noll from the University of Minnesota will be discussing raising turkeys in small and backyard flocks. It is important to remember, however, that if you plan on selling the turkeys your raise, state regulations regarding the selling of poultry meat vary from state to state. It is important to check with your local Department of Agriculture regarding your state's rules before starting a flock for selling to the public. All check for accessibility to locally approved processing facilities.

Register in advance for this webinar:

https://uky.zoom.us/webinar/register/WN_RZg6gv2Sny30LzwzmyghA

Dates to Know

March

1st - BQCA Training starting at 9:00 am at Boyle County Extension Office.

2nd - Area Tobacco Meeting at Garrard County Extension Office starting at 6:00 pm.

3rd-4th - 2023 Kentucky Farm Bureau Beef Expo

6th - Backyard Homesteading: Backyard Chickens Class at the Boyle County Extension Office at 6:00 pm.

7th - Raising Turkeys in Small and Backyard Flocks Webinar:

https://uky.zoom.us/webinar/register/WN_RZg6gv2Sny30lzwzmyghA

20th - Resilient Boyle Meeting at the Boyle County Cooperative Extension Office starting at 9:00 am.

22nd - BQCA Training starting at 6:30 pm at Boyle County Extension Office.

23rd - Backyard Homesteading: Raising Meat Rabbits Class at Boyle County Extension Office at 6:00 pm.

April

4th - Daily Management of a Home Incubator Webinar:

<https://uky.zoom.us/webinar/re...PTOjZHQAuHN-mEmtzmbg>

11th - Kentucky Fencing School in Scottsville, KY from 7:30 am to 4:30 pm. Cost \$35/participant. Get registration form [here](#).

13th - Kentucky Fencing School in Richmond, KY from 7:30 am to 4:30 pm. Cost \$35/participant. Get registration form [here](#).

18th - Boyle County Cattlemen's Association Meeting at the Boyle County Cooperative Extension Office at 6:30 pm with a board meeting at 5:30 pm. Boyle County Conservation District will be discussing all programs they offer.

22nd - Earth Day Celebration at Boyle County Cooperative Extension Office from 11:00 am to 3:00 pm.

Agent Remarks



Hello,

I hope everyone is having a good start to the new year. We've had several successful programs already this year. Thanks for the continued support. This warmer weather brings me hope that barbeques and days spent outdoors whether it be on a trail, in a field, or in a kayak are near.

Tyler Ray

Contact me at:

(859)236-4484

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With growing food prices, you might be interested in starting a small or backyard flock for eggs. This class might be for you! Class will cover selecting a breed, housing, nutrition, pest management, and egg handling.

BACKYARD CHICKENS

**March 6th, 2023
6:00 pm
at
Boyle County
Extension Office**

Sign up by calling
(859)236-4484

Safely Handling Chicks

By: Dr. Jacquie Jacob, University of Kentucky Extension Poultry
Project Manager

The intestinal tracts of all mammals have various types of bacteria as part of their natural intestinal microflora. There are many opportunities for people, especially young children, to be exposed to these bacteria, such as pets, friends, etc.

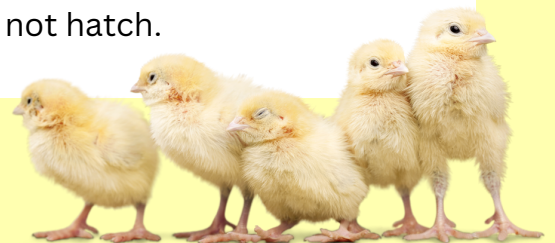
Some types of bacteria may cause diseases like salmonella in susceptible humans. When dealing with animals in any situation personal hygiene is important. This is especially true when handling chicks in your backyard and small poultry flocks. Here are some reminders of proper hygiene practices.

Hand-washing is necessary to reduce any risk of bacterial infections. Wash your hands after coming in contact with any animals, birds or eggs. Proper hand-washing techniques include using soap and warm running water and rubbing your hands together vigorously for at least 20 seconds. Make sure you wash the back of your hands and wrists, in between fingers and under your fingernails. Rinse well and thoroughly dry your hands with a paper towel. Turn off faucets with your elbow or a paper towel.

If there is no access to running water, you should use antibacterial hand sanitizers or wipes with at least a 99 percent bacterial kill rate and then wash your hands as described above as soon as possible.

Supervise children when handling birds or animals. Don't allow them to nuzzle or kiss animals, chicks and ducklings. Don't allow children to touch their mouths or eyes with their hands during or after handling animals and birds prior to hand washing. Make sure children don't eat and drink before thoroughly washing their hands.

You can do a few other things to reduce your risk of exposure of bacteria. Always clean and sanitize an incubator prior to incubating eggs and only set clean eggs from a reliable source. To prevent the potential transmission of bacteria from adults and children to your chicks or eggs, make sure to wash your hands prior to handling the eggs or birds. You should always thoroughly clean any surfaces that have been contaminated with animal feces. Clean and sanitize the incubator immediately after use and properly dispose of the shells and eggs that do not hatch.



Calculating Fertilizer Value of Supplemental Feed for Cattle on Pasture

By: John A. Lory, K.C. Olson, and Chris Zumbrunnen,
University of Missouri

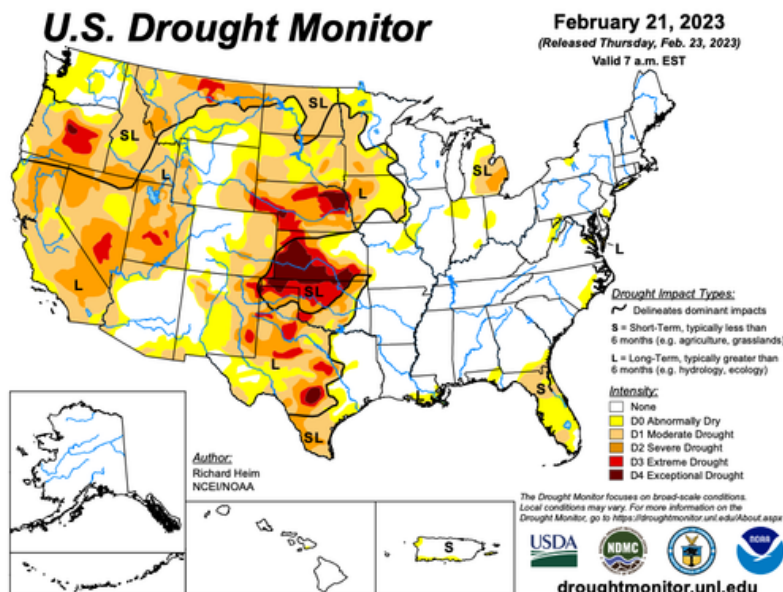
Most cattle maintained on pasture receive supplemental feed during some portion of the year. Supplements are commonly fed to grazing cattle when pasture forage quality and quantity are below animal requirements. The availability of low-cost grain milling byproducts has encouraged some producers to expand the use of supplemental feeds. Examples of grain milling byproducts that have become popular for use as supplements include condensed distillers solubles (CDS), dried distillers grain with solubles (DDGS), corn gluten feed, and soybean hulls.

The value of grain milling byproducts as cattle feeds is well established. An often-overlooked aspect of supplementing grazing cattle with hay and grain milling byproducts is the additional mineral nutrients that pass through the animal to the pasture in the manure. The objective of this guide is to help calculate the value of supplemental feeds as a fertilizer for pastures.



Click [HERE](#) to read more.

Pasture Conditions





THIRD THURSDAY THING

Every third Thursday of the month,
January through November, at 10 a.m. ET

~~January 19: USDA Farm and Home Loans | Natural Resource Management~~

~~February 16: Organic Agriculture~~

March 16: Small Ruminants

April 20: Pest Control | NRCS Programs

May 18: Aquaculture

June 15: Farmers Markets | Juneteenth Celebration

July 20: Fencing | Pastured Poultry

August 17: Sustainable and Organic Agriculture

September 21: Pawpaw

October 19: Small Ruminants

November 16: Small Farms Conference

Join us in person at the Harold R. Benson
Research and Demonstration Farm or online
at [YouTube.com/kysuag/live](https://www.youtube.com/kysuag/live)



**KENTUCKY STATE
UNIVERSITY**

Cooperative Extension Program

This institution is an equal opportunity provider.

Recipe

Baked Fish Fillets with Dill Sauce



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
Calories 170

% Daily Value*

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.

Soil Testing

Just a reminder Boyle County Extension Office offers **FREE** soil testing to anyone in the county up to 40 samples per person per year. For soil sample bags or more information call the Boyle County Extension Office at (859)236-4484.

Dead Animal Removal

The Boyle County Conservation District and the Boyle County Fiscal Court sponsors the removal of deceased animals in Boyle County. If you have a deceased animal **call (859) 238-1137**, Monday through Friday from 8:00 am to 4:30 pm. The deceased animal needs to be in an accessible area for pick up.



Be sure to follow the **Boyle Co. Agriculture & Natural Resources** on Facebook to stay up to date on events, classes and surveys.



Tyler Ray

Tyler Ray, County Extension Agent for Agriculture and Natural Resources

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