

# K-State studies methods to protect feed from foreign animal disease

By Pat Melgares, K-State Research and Extension news service

Kansas State University swine researchers are reporting positive results on three processes that aim to lessen the risk of a foreign animal disease entering the United States in plant-based feed or feed ingredients.

While the researchers acknowledge that foreign animal disease may be more likely to enter the country with the animals themselves, feed – including soybeans, corn and others – also raise concern in the livestock industry.

“African Swine Fever and Classic Swine Fever are devastating viral diseases affecting swine, and the risk of introducing these viruses through feed and feed ingredients is well documented,” said Jamil Faccin, a post-doctoral researcher in K-State’s Department of Animal Sciences and Industry.

Olivia Harrison, a K-State graduate research assistant in the Department of Animal Sciences and Industry, said previous research has shown that once contaminated feed enters a mill, the virus persists for multiple batches of feed, remains on equipment and can be found on non-feed contact surfaces throughout the mill.

Harrison and Chad Paulk, an associate professor of feed science and management, led a team that evaluated the effectiveness of three processes to clean a mill that is suspected of processing contaminated feed:

- Flushes, which include using batches of feed not intended for consumption, with or without liquid treatments.

- Pelleting feed with a conditioning temperature of 180 degrees Fahrenheit.

- Physical decontamination of equipment, including power washing and various disinfecting strategies.

“All strategies across these three studies were able to reduce the presence of the virus in the mill,” Harrison said, noting the level of success varied among the processes tested. But, she adds, “Overall, these techniques, along with other biosecurity measures at mills, can reduce the risk of virus spread throughout the swine production system.”

Paulk called the decontamination techniques “practical” ideas for mill operators in the case that contaminated feed reaches their business.

“If contaminated with a swine virus, feed mills would act as an epicenter between swine farms

and ingredient suppliers,” Paulk said. “Mitigation techniques need to be evaluated to decrease or eliminate these viruses from mills as soon as possible, to reduce the possible spread of disease.”

Harrison said K-State’s research was conducted as part of a national feed biosafety working group within the U.S. Swine Health Improvement Plan, known as US SHIP. She said the national work is helping to establish better processes for traceability, biosecurity and disease surveillance in feed and feed ingredients imported to the United States.

U.S. farmers and ranchers can voluntarily participate in US SHIP. As of mid-2023, more than two-thirds already have certified their operations under the program, according to the USDA Veterinary Service.

More information on K-State’s research on feed mitigation strategies and efforts to reduce the risk of foreign animal disease in livestock will be presented during the university’s annual Swine Day, which will take place on Nov. 16 in Manhattan.

Registration is available online at [asi.ksu.edu/swineday](http://asi.ksu.edu/swineday). More information also is available by contacting Katie Smith at 785-532-1267 or [katiemsmith@ksu.edu](mailto:katiemsmith@ksu.edu).

# KLA Convention forum to provide insight into consumer buying habits

With the marketplace continually advancing, and the needs and wants of consumers ever-evolving, it is important for the beef community to understand what factors impact beef purchasing decisions. With this in mind, the discussion in the Consumer Trends forum at the KLA Convention, which will be held November 29 through December 1 in Wichita, will center on the latest consumer research.

NCBA senior executive director of scientific affairs Mandy Carr Johnson will discuss the most recent findings from checkoff research on what influences consumers’ buying habits as they approach the meatcase. She also will share how NCBA and state beef councils, like the Kansas Beef Council (KBC), use this information to help keep beef at the center of the plate.

In her role at NCBA, Johnson leads a team responsible for beef’s technical research areas of beef safety, product quality, human nutrition and sustainability, as well as the market research and nutrition and health influencer programs. She also is the administrator for the Beef Industry Food Safety Council, an industry membership group focused on improving beef safety. The Consumer Trends forum is sponsored by the Kansas Soybean Commission and hosted by KBC and the Kansas CattleWomen.

The early registration deadline for this year’s KLA Convention is fast approaching. To save money on the cost of attending, members should register by November 10. Members can find a printed registration form in the November/December *Kansas Stockman*.

# New leadership elected to American Angus Assoc. Board of Directors

The 140th Annual Convention of Delegates for the American Angus Association® assembled Nov. 6 in Orlando, Fla. Five members were re-elected to the Board of Directors for a second term. They are Mark Ahearn, Wills Point, Texas; Smitty Lamb, Tifton, Georgia; Charles Mogck, Olivet, South Dakota; Darrell Stevenson, White Sulphur Springs, Montana; and Jerry Theis, Leavenworth. The officers of the

Board were also elected.

Elected officers are Barry Pollard, Enid, Okla., president and chairman of the Board; and Jonathan Perry, Fayetteville, Tenn., vice president and vice chairman of the Board. Jim Brinkley, Milan, Mo., will serve as the treasurer for the 2023 to 2024 term.

“I look forward to working with the Board and the membership in general, and the staff as well,” Pollard says. “We

have such talented people all across that at every level, and we want to hear their ideas. We want to hear how the things we’ve done for them genetically or EPDs are benefiting their herd, and what questions they have.”

Directors can serve up to two three-year terms on the Board and, if elected, they serve an additional one-year term in office as president/chairman and/or vice president/vice chairman.

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With the feeder cattle futures taken a big hit, all calves and feeder cattle were selling on a lower trend for our sale held on Friday, November 10th. However, the weaned cattle and calves with shots were still finding a good home. A large offering of weigh cows sold \$3-\$5 lower especially on the thin cows. **STEER CALVES — 300-550 LBS.**

Melvorn	7 blk	359@312.00
Melvorn	24 blk	444@299.50
Onaga	12 blk	471@299.00
Wamego	6 blk	393@294.00
Melvorn	6 blk	376@294.00
Linn	15 blk	479@277.00
Melvorn	4 blk	515@276.00
Wamego	5 blk	469@272.00
Melvorn	9 blk	530@270.00
Woodbine	11 Cross	524@269.00
Mayetta	5 blk	522@262.00
HAvensville	9 blk	501@261.00
Allen	4 blk	546@254.00
Frankfort	17 Cross	417@251.00
Council Grove	8 Herf	521@249.00
Frankfort	6 Cross	315@229.00
Topeka	5 Char	298@214.00
Council Grove	5 Herf	399@200.00

**FEEDER STEERS — 550-800 LBS.**

Onaga	39 blk	567@270.50
Pomona	13 blk	636@261.00
Netawaka	5 blk	557@260.00
Ottawa	6 blk	588@259.00
Linn	18 blk	555@255.00
Linn	28 blk	643@248.00
Woodbine	14 Cross	635@241.00
Pomona	11 blk	718@240.00
Onaga	21 blk	670@239.50
Havensville	4 blk	647@237.00
Valley Falls	8 blk	661@234.00
Council Grove	30 Herf	610@233.00
Dwight	6 blk	797@230.50
Riley	4 Char	693@219.00
Valley Falls	4 blk	722@217.00
Wheaton	4 Herf	662@204.00

**HEIFER CALVES — 275-550 LBS.**

Onaga	9 blk	426@259.50
Berryton	9 blk	491@258.00
Melvorn	4 blk	442@257.00

Green	4 blk	278@255.00
Onaga	49 blk	534@251.00
Woodbine	4 Cross	456@249.00
Melvorn	8 blk	426@247.00
Green	11 blk	448@244.00
Linn	5 blk	477@241.00
Meriden	8 blk	540@239.00
Frankfort	10 bwf	539@239.00
Woodbine	10 Cross	545@238.00
Marion	7 blk	512@238.00
White City	9 blk	491@237.00
Council Grove	27 Herf	542@223.00
Concordia	5 Herf	437@215.00
Frankfort	11 Cross	414@213.00
St. George	4 Cross	503@212.00
Woodbine	10 Cross	629@219.00
Mayetta	6 blk	622@219.00
Riley	5 Cross	694@180.00
Green	7 Cross	642@170.00

**FEEDER HEIFERS — 575-775 LBS.**

Seneca	19 Ang	@1660
White City	8 blk	660@237.00
Pomona	8 blk	629@235.00
Pomona	19 blk	702@230.00
Onaga	17 blk	655@229.00
Senca	6 blk	607@225.00
Linn	10 blk	592@225.00
Pomona	9 blk	771@224.00
Manhattan	6 blk	722@223.00
Manhattan	9 blk	761@219.00

**COWS & HEIFERETTES — 775-1825 LBS.**

Olsburg	1 Cross	905@146.00
Waterville	11 blk	957@145.00
Waterville	4 Cross	1046@133.00
Waterville	1 blk	1095@122.00
Manhattan	2 blk	1042@121.00
Manhattan	17 blk	1085@118.50
Waterville	2 Herf	1107@115.00
Waterville	1 blk	995@111.00
Olsburg	1 Cross	775@109.00
Manhattan	1 Ang	1655@108.50
Blaine	1 blk	1810@106.00
Greenleaf	1 blk	1730@105.00
Frankfort	1 blk	1775@104.00
Waterville	1 blk	850@101.00
Blaine	1 blk	1610@100.00
Greenleaf	1 Char	1780@99.00

Olsburg	1 bwf	1595@98.00
Wamego	1 Cross	1205@97.00
Greenleaf	1 Char	1595@95.00
Manhattan	1 Herf	1455@93.00
Concordia	1 Herf	1555@92.50
Waterville	1 Herf	1495@92.00
Alma	1 Cross	1295@90.50
Waterville	3 Cross	1275@87.50
Waterville	1 Herf	1210@85.50
Green	1 Cross	1060@85.00
Green	1 Cross	1050@84.00
Manhattan	1 Cross	1060@83.00
Westmoreland	1 Herf	1220@82.50
Westmoreland	1 Cross	1340@82.50
Green	1 Cross	1025@81.00
Waterville	2 Cross	1167@79.50
St. George	1 Cross	1305@78.50
St. George	1 bwf	1425@77.50
Wheaton	1 Char	1225@76.00
Blaine	1 bwf	1075@73.00
Westmoreland	1 Cross	1255@72.50
Randolph	1 Cross	1345@70.00
St. George	1 Cross	1000@69.50
Havensville	1 bwf	1240@65.00
Wamego	1 blk	1055@60.00

**BULLS — 1250-2275 LBS.**

Wamego	1 blk	1405@113.50
Frankfort	1 blk	1885@111.50
Westmoreland	1 blk	2015@110.00
St. George	1 blk	2135@109.50
Wheaton	1 bwf	2260@106.50
Wamego	1 Char	1260@104.00
Maple Hill	1 blk	1775@102.00
Wheaton	1 blk	2045@101.50
Wamego	1 blk	1355@97.50
Manhattan	1 blk	1565@96.50

**BABY CALVES**

1 blk	195@450.00
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7 blk	300-400.00
2 blk	@250.00
1 Hols	240@150.00

**COW/CALF PAIRS**

AGE		
1 blk	4	@2300.00
1 blk	4	@2150.00
1 Cross	3	@1850.00
1 blk	6	@1650.00
2 Cross	SS	@1610.00

**BRED COWS**

AGE		MO	
3 blk	2	5	@1975.00
2 blk	3	5-6	@1975.00
1 blk	3	6	@1975.00
5 Rd An	3-4	4	@1825.00
Alma	1 blk	3	@1800.00
Waterville	7 blk	4	@1785.00
Waterville	6 blk	5	@1610.00
Wamego	3 blk	6	@1600.00
Palmer	3 blk	6-7	4-5 @1525.00
Manhattan	4 blk	5	@1525.00
Manhattan	2 blk	3	4-5 @1500.00
Alma	1 blk	6	@1500.00
Wamego	3 blk	6	@1475.00
Manhattan	2 blk	2	3-4 @1450.00
Rossville	1 bwf	2	4 @1425.00
Waterville	1 blk	5	5 @1410.00
Palmer	1 Cross	6	5 @1400.00
Wamego	3 Cross	5	5 @1400.00
Manhattan	2 blk	5-6	3 @1375.00
Palmer	1 blk	6	6 @1325.00
Waterville	3 blk	5-6	5-6 @1310.00
Palmer	2 Rd An	3	4 @1300.00
Wamego	3 blk	3	3 @1260.00
Palmer	1 blk	5	4 @1150.00

**EARLY CONSIGNMENTS FOR NOV. 17:**

- 5 Braunvieh str & hfrs, weaned, all shots, 400-450#
- 70 choice reputation blk Ang str & hfrs, 2 rds shots, weaned 9-5, poured twice, 650-800#
- 75 SimAngus sired str & hfrs, weaned 45 days, 550-650#
- 19 Fancy F1 Baldies out of Registered blk Ang cows & Dean Davis Herf bulls. Bunk broke, Bovishield Gold One shot, Ultrabac 7, Somnus & Eprinex wormer Sept. 30, 2nd rd Bovishield Gold 5 given Oct. 14, weaned 30+ days. 500-600#
- 60 homeraised Sim genetic str & hfrs (20). Weaned 30+ days/ 2 rds shots, 500-600#
- 21 Blk str & hfrs, weaned 30+ days, 1 rd shots, bunk broke, 500-600#
- 60 choice Red Angus str & hfrs (20), weaned Aug., all shots, 575-625#

**EARLY CONSIGNMENTS FOR DEC. 1**

**SELLING AT 11:00 A.M.**

- 18 Angus cows, 6 yrs & older, with Aug.-Sept. calves, calves all worked.
- 3 Angus cows, 6 yrs & older, Bred Angus, heavy Springers.
- **Palenske & Foster Complete Herd Dispersal Consisting Of:** 53 blk cows (7 yrs to older), 45 have Beefmaster Cross calves by side, balance heavy Springers. Calves worked, 7 way Black-leg, Enforce 3, poured with Cydectin, bulls banded.
- 2 Longhorn cows, 7 yrs with calves by side.

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- 80 mostly blk few Char Cross str & hfrs, 2 rds shots, long weaned, no implants, 700-800#
- 35 Blk str (23) & hfrs (12), weaned 50+ days, Cattlemaster Gold FT5, Inforce 3, Vision 7 with Spur, Poured, Bunk & Electric fence broke, 500-650#
- 47 Fancy Blk Laffin genetic str & hfrs, weaned 10/1 with full round Spring shots, 500-800#

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- 200 blk, bwf & Red cows, 3-8 yrs old w/ 30-60 day old calves.
- 130 blk, Red Ang & Herf 1st and 2nd calf hfrs, bred for Jan. 15-March calving.
- 300 blk, bwf, Red Ang and Herf Spring calving cows, 3-8 yrs old, including 4 dispersals.
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# Kansas Hay Market Report

Proud sponsor of the Kansas Hay Market Report is Bestifor.

Compared to the last report, demand remains low, trade activity remained slow, and prices were mostly steady, with the alfalfa market continuing to soften. Lots of folks are trying to sell alfalfa hay, but there are not many takers out there. The hay that is moving is previously purchased and contracted. According to the U.S. Drought Monitor for November 2nd, significant precipitation was recorded in southeast Kansas and resulted in a full category improvement to the drought intensities. Unfortunately, there were some expansions of abnormally dry conditions that took place over eastern Colorado and western Kansas as well as southern Wyoming. The categorical percent area for abnormally dry conditions (D0) increased to 21%, moderate drought (D1) increased to 24%, severe drought (D2) increased to near 32%, extreme drought (D3) decreased to 7.5%, and, for the first time since February 22, 2022, no exceptional drought (D4) was recorded in the state of Kansas.

## Southwest Kansas

Dairy alfalfa, grinding alfalfa, and ground and delivered, steady, movement slow. Alfalfa: Dairy, 1.40-1.50/point RFV. Good, Stock or Dry Cow 220.00-250.00. Fair/good grinding alfalfa, large rounds new crop 205.00-

215.00 delivered short haul, large square 3x4's and 4x4's new crop 205.00-215.00 delivered short haul. Ground and delivered locally to feed lots and dairies, new crop 240.00-250.00. Alfalfa/oat hay mixed ground and delivered 240.00-245.00. Grass Hay: Bluestem: CRP large rounds 75.00. Corn stalks: large rounds 80.00-85.00 delivered, large squares 95.00-105.00, ground and delivered 125.00-135.00. The week of 10/29-11/4, 4,074T of grinding alfalfa and 400T of dairy alfalfa was reported bought or sold.

## South Central Kansas

Dairy alfalfa, grinding alfalfa, and alfalfa pellets steady; ground and delivered 5.00 lower; movement slow. Alfalfa: horse, small squares 13.00/bale; Dairy 1.40-1.50/point RFV. Good, Stock cow, 225.00-235.00. Fair/good grinding alfalfa, large rounds new crop 200.00-210.00 delivered, 3x4 and 4x4's new crop 205.00-210.00 delivered, rained on large square 3x4 and 4x4 140.00-150.00. Alfalfa ground and delivered 230.00-240.00. Alfalfa pellets: Sun cured 15 pct protein 315.00-325.00, 17 pct protein 325.00-335.00, Dehydrated 17 pct protein 410.00-420.00. Grass hay: Bluestem, large rounds 165.00-185.00 delivered, large square 3x4's 150.00-160.00 FOB, small squares 200.00-205.00; Brome, small squares 245.00-250.00/ton. Sudan, large rounds 95.00-105.00. Milo, large rounds 95.00-105.00. The week of 10/29-11/4, 7,710.5T of grinding alfalfa and 0T of dairy alfalfa was reported bought or sold.

## Southeast Kansas

Dairy alfalfa steady, grass hay steady; movement slow. Alfalfa: horse or goat, none reported. Dairy 1.40-1.50/point RFV. Good, stock cow 260.00-270.00 delivered. Fair/good grinding alfalfa, large rounds 195.00-205.00, large square 3x4's 205.00-215.00. Grass hay: Bluestem, small squares, 200.00-205.00, mid square 3x3's 180.00-200.00, large square 3x4 170.00-190.00, large round 155.00-170.00. Brome, large round 160.00-170.00, large square 185.00-200.00. The week of 10/29-11/4, 967T of grass hay was

reported bought or sold.

## Northwest Kansas

Dairy alfalfa steady, grinding alfalfa 10.00-25.00 lower; movement slow. Alfalfa: Horse or goat, small squares none reported, 3x3 squares, 300.00. Dairy, Premium/Supreme 1.40-1.50/point RFV. Stock cow, fair/good none reported. Fair/good grinding alfalfa, large rounds 200.00-215.00, large square 3x4's 200.00-215.00. Alfalfa ground and delivered none reported.

## North Central-Northeast Kansas

Dairy alfalfa, grass hay steady, grinding alfalfa and ground and delivered mostly steady; movement slow. Alfalfa: Dairy 1.40-1.50/point RFV; Horse hay, premium small squares, 12.00-13.00/bale; Stock Cow 3x4's 230.00-240.00; Fair/good, grinding alfalfa, large rounds 210.00-220.00, large square 3x4's 215.00-225.00 (10L), Alfalfa ground and delivered 245.00-275.00. Alfalfa/Sudan grass mix ground and delivered 200.00. Grass hay: Bluestem, small squares new crop 9.00-10.00/bale, large 3x4 squares 165.00-175.00, good large rounds 145.00-155.00. Brome: small squares 10.00-11.00/bale, large rounds 130.00-180.00. Oat hay, large rounds 160.00; Sudan: large round 170.00-180.00 delivered. Milo stalks: 70.00-90.00. Soybeans: 70.00-90.00. Wheat straw: small squares 5.00-6.00 per bale. Corn stalks: large round 60.00-70.00. The week of 10/29-11/4, 245T of grinding alfalfa and 600T of dairy alfalfa was reported bought or sold.

\*\* Prices above reflect the average price. There could be prices higher and lower than those published.

\*RFV calculated using the Wis/Minn formula.

\*\*TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage). Source: Kansas Department of Agriculture -Manhattan, Kansas. Kim Nettleton, 785-564-6709.

## Grass & Grain Community Obituary

### James Harlin Kocher 1931-2023



Longtime auctioneer, James Harlin Kocher, from Onaga, passed away October 22, 2023. He had just turned 92 years old. Kocher attended auction school in 1950. He ran Kocher's Auction Service for more than 50 years. He also sold real estate.

He was a farmer/stockman, but his true love was auctioneering. Besides doing all kinds of auctions, he also auctioneered for the Emmett sale barn for many years. Jim used Grass & Grain on a regular basis during his auction career.

He married Leta Grace Holt on December 24, 1952 at the First Baptist Church in Onaga. She preceded him in death on August 8, 2005.

Jim was also preceded in death by his parents, a son, James Dale Kocher, a daughter, Janet George, a grandson, Joshua Kocher, and a sister, Zona Marcella Erass. Survivors include a son, Bruce Kocher and wife Ann, Onaga, six grandchildren, J.C., Jena, Keyanna, Branson, Amy and Matthew, nine great grandchildren, one great-great grandchild, and one on the way.

### By Ross Mosteller, Meadowlark District Extension agent, livestock and natural resources

Growing up "making hay" was one of my favorite summer activities, and that was when small square bales had more popularity. Growing older, I've begun to think about ways to cut this cost out of the livestock enterprise. Our neighbors to the north have done more work in the area of swath grazing. Rather than recreate the wheel, I'll share excerpts on this topic from an article originally written by Adele Harty, former SDSU Extension Cow/Calf Field Specialist.

Feed makes up the largest expense on a cow/calf operation. In addition to the initial expense, producers need to consider the storage and waste associated with winter feeding. As expenses increase, and producers evaluate more-efficient management techniques to lower production costs, one alternative may be to incorporate swath, or windrow grazing. Swath grazing can be utilized with various crops and can improve utilization of the crops for feed, while decreasing fuel, harvest and feeding costs and also improving soil health.

Swath grazing is the practice of cutting hay, small grains or forage crops and leaving them in windrows for livestock to graze during the winter months. Rather than having the expense of baling the hay, moving it off the field and feeding it in the winter, the feed is left in windrows, and cattle are allowed access to a limited number of windrows at a time as a means to reduce winter feed costs and increase soil fertility.

Swath grazing has its benefits in the Midwest, where colder temperatures and snow accumulation regularly occur. If utilizing a small grain crop, such as, but not limited to, millet, sudan or sorghum, swath grazing may provide an additional opportunity to utilize the forage. A study conducted at Iowa State University evaluated forage quality and utilization of swath grazing on the cow herd. Millet and sorghum were harvested in late July as a hay crop, allowed to regrow, and the regrowth was cut and raked in late December for a swath grazing trial.

Cows in their third trimester of gestation were moved from corn stalk residue to the swaths, where they grazed in a similar method to intensive grazing. Cows were given enough swaths to graze for three days at a time, and then fencing was moved and cows were given access to the next section. The logistics of moving fencing during the winter can be a challenge, so take that into consideration, as ground temperature will affect fencing being moved during the rotation. A reliable winter water source will be vital to the success of this system and could increase labor and time requirements.

The nutrient value of the feed did decline toward the end of February when cows were switched over to a TMR; however, they saw no detrimental effects to the calves as a result. Cows were able to utilize the feed with up to 12 inches of snow accumulation and temperatures of -20 degrees Fahrenheit. Forage utilization was up to 70%, which makes swath grazing a cost-effective op-

tion in comparison to putting the forage in bales.

With swath grazing, operating equipment and overall labor decrease, as harvesting and moving bales or manure hauling are minimal. The study also found that grazing this crop residue had minimal impact and did not affect regrowth of a perennial forage crop, thus allowing grazing to occur on a hay field or permanent pasture. Swath grazing increases soil health through manure and urine distribution. In a dry year, it helps create a potential seedbed and improved filtration by breaking soil crust, fully trampling all the non-eaten materials, and spreading out dung piles, making them less fly-friendly. This also provides a food source for soil microbes, thus increasing fertility of fields in the long term.

Reference: Dahlke, G. R., (2022) Swath Grazing Forage Sorghum and Pearl Millet Observations Regarding Quality and Utilization as Winter Feed, Iowa State University Animal Industry Report 18(1). Doi.

## Swath grazing can cut winter feeding expenses

## Promoting consumption of beef for adolescent girls

One of the main concerns about beef consumption is that it is perceived as less healthy than other protein or food options. This sentiment, compounded with the notion that beef is considered a more "masculine" food, potentially can deter some women from including beef in their diets.

Women – especially young women – who do not consume enough red meat, like beef, can develop nutrient deficiencies. In the United States, it's a significant issue, with over 20% of females aged 15 to 49 experiencing iron deficiency.

With this, the Kansas Beef Council (KBC) recently placed multiple print and digital advertisements targeting health professionals to communicate the iron requirements for women at different ages and how beef can help meet essential iron needs.

The checkoff-funded ads were featured in online and print industry publications and conferences for physician, dietitian and nurse audiences.

"Adolescent girls benefit greatly from beef consumption, as it offers key nutrients many girls might be missing," Abby Heidari, KBC director of nutrition, said. "We want health professionals to be aware that incorporating beef into a healthy and balanced diet can be an effective means of preventing common nutrient deficiencies."

These ads are estimated to have already reached thousands of Kansas health professionals. The assets were designed to have a nationwide reach and will be used by multiple state beef councils along with the Federation of State Beef Councils.

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## LARGE BALL REAL ESTATE & PERSONAL PROPERTY AUCTION

**SATURDAY, NOVEMBER 25, 2023 \* 9:30 AM**

**LOCATION: 218 Marshall Street, SOUTH HUTCHINSON, KANSAS 67505**

**TRACTOR, EQUIPMENT & LAWN/GARDEN:** 1953 Ferguson TO30 Tractor; Ford 3 BT Plow; IH Manure Spreader; John Deere STX38 Riding Mower; John Deere 155 Riding Mower; Craftsman Trim Mower; Weedeaters; Lawn Wagons; Poolside Equipment; Concrete Planters; Yard Art; A Frame Swing Sets; Lawn and Garden Tools; Craftsman Tool Chest and Tools; Rakes; Shovels; Hoes; Forks; Lawn Edger; Garden Hoses **plus more.**

**HOUSEHOLD & COLLECTIBLES:** Maytag Washer and Dryer; Whirlpool Refrigerator; Lawyers Bookcases; 4 and 5 Shelf Bookcases; China Hutch; Recliners; Love Seat; Sofa; 3 Pc Bedroom Suite; Dressers; Chest of Drawers; Showcases; Hundreds of Train Cars, Engines

and Tracks (mostly Lionel, plus others); 2 Working Train Display Set; Lots of Ertl Farm Toys, Model Cars, Trucks and Semis; Large Fisher Price Toy Collection (complete sets); Hundreds of Precious Moment Collectibles (in original boxes); RR Lanterns; Maytag Motors and Oil Cans; Coleman Collectibles; Thousands of School Posters and Reading Books; Large Steel School Supply Organizers; Stamping Collection; Hundreds of Box Files loaded with 27 year Accumulation of School Teaching Supplies; Hundreds of Children's Books; Posters and Wall Hangers; Lockers; Misc. Glassware; Pots and Pans; Baking Supplies; Kitchen Utensils; Tupperware; Fine China; Christmas Décor; **plus hundreds of items not listed.**

**NOTE:** We are offering one of the better 4000 sq. ft. homes in South Hutchinson located across from the Journey Church, which sells at noon. For more information on the Real Estate go to [rigginhomes.com](http://rigginhomes.com) and for Personal Property photos and information go to [morrisyoderauctions.com](http://morrisyoderauctions.com). First Floor, Basement and Garage are absolutely loaded with a lifetime collection.

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**Grass and Grain reaches progressive producers in our area and continually delivers timely and important articles of interest to the Ag community."**



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**CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY**

**RATES AND DISCOUNTS**

**CLASSIFICATIONS**

Although complete name, address and phone number need not appear in your ad, we must have this information for our records.

Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

*TIPS: Phone numbers & hyphenated words count as one word. Words separated by a / count as two.*

**WRITE YOUR AD HERE**



**FIGURE YOUR COST HERE:**

**RATE: 70¢ a word.**

Number of words: \_\_\_\_\_ @ 70¢ each

Cost for one week: \_\_\_\_\_

Multiply one-week cost times number of weeks you want ad to run.

Run ad \_\_\_\_\_ consecutive weeks.

CLASSIFICATION: \_\_\_\_\_

Cost for \_\_\_\_\_ weeks: \_\_\_\_\_

**DISCOUNTS: (For PRE-PAID orders only)**  
deduct 10% if ad runs 2 or 3 weeks;  
deduct 25% if ad runs 4 weeks.

Less discounts: \_\_\_\_\_

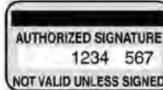
**TOTAL: \$** \_\_\_\_\_

**PAY WITH (PLEASE CIRCLE ONE):**

CHECK MASTERCARD VISA DISCOVER

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

V-Code \_\_\_\_\_ (required) last 3 digits (see sample: 567) located on the back of your credit card on the signature panel.



Signature: \_\_\_\_\_

**REMINDERS**

- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
- **NO REFUNDS!**
- **BY PHONE:** Ads not accompanied by payment have \$1.00 billing charge added, and discounts are not available.



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Vaccinated, poured, gentle, wt 875.  
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 \*160 Ac +/- Tillable S. of Marquette. Call Derek!  
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 \*240 Ac +/- Tillable N of Paradise, KS. Call Clint!  
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 \*50 Ac +/- Tillable E. of Bavaria. UNDER CONTRACT!  
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# Remaining relevant: access to data, coordination and competition

When Gordon Stucky got in the Angus business as a teenager, he took a risk and it turned out well. He more than tripled his investment on his first Angus heifer. Couple that with the mentorship he got from Kansas Angus Association members and he says, "That's what just kept me hooked."

He transitioned his Kingman family farm into registered seedstock operation with around 600 cows and diversified farming.

He and fellow Angus breeder Kevin Yon, Yon Family Farms, Ridge Springs, S.C., joined The Angus Conversation to discuss the changing landscape in the Angus business, access to data and how to remain competitive.

Would it be easier or harder to get into the business today?

Stucky can't say. Profit potential is not as dramatic with rising input costs and swings in the market,

but there are more opportunities, too.

"The programs and the data and all the things that we have available on the flip side of that make it to me very manageable for a person to come in and say, 'Gosh, here's kind of the road map,'" he says.

Yon and his wife, Lydia, bought the land they started their current operation on back when they had three young children and not much capital, but a shared will to work toward a dream.

"I feel very blessed that I get to wake up every morning and live a dream," Yon says. "I'm not

sure if I can say if it would be easier or harder, I will say that it will never be easy, but I would also say that it is certainly doable."

Both cattlemen look to the American Angus Association to help them stay competitive and driving forward.

"What other commodity handles their data that way where everyone has equal access?" Yon asks. "And it's families. It's families that's doing it. So, I'm really proud of the work that those went before us that got this deal set up that way."

For all the changes, Stucky says some parts of

the business — including producing good cattle and standing behind them — will remain pillars.

"The bottom line is you just treat people the way you would like to be treated. I mean, that's just still the bottom line," Stucky says.

To hear the entire episode, visit The Angus Conversation anywhere you get your podcasts, or follow this direct link: <https://www.angusjournal.net/episodes/episode/798d-caf0/remaining-relevant-stucky-yon-on-access-to-data-coordination-and-competition>

## KDA warns poultry owners of HPAI resurgence nationwide

Fall has brought a resurgence of highly pathogenic avian influenza (HPAI) nationwide, including cases in several states that border Kansas — Missouri, Oklahoma and Colorado. Although Kansas has not confirmed a case of HPAI in a domestic/commercial flock since April 2023, the primary source of spread for this outbreak continues to be wild migratory waterfowl, so the threat of exposure to susceptible birds in Kansas is high.

Anyone involved with poultry production from the small backyard chicken owner to the large commercial producer should review their biosecurity activities to assure the health of their birds. Find guidance on biosecurity on the KDA Division of Animal Health webpage at [agriculture.ks.gov/AvianInfluenza](http://agriculture.ks.gov/AvianInfluenza).

Highly pathogenic avian influenza is a highly contagious viral disease that can infect chickens, gamebirds, turkeys, and other birds and can cause severe illness and/or sudden death in infected birds. This outbreak has seen illness and mortality in a wider scope of bird species than past outbreaks, including wild and domestic waterfowl. Attentively monitor your birds for symptoms of HPAI which include: coughing, sneezing, nasal discharge, and other signs of respiratory

distress; lack of energy and appetite; decreased water consumption; decreased egg production and/or soft-shelled, misshapen eggs; incoordination; and diarrhea. Avian influenza can also cause sudden death in birds even if they aren't showing other symptoms.

If these symptoms are observed in your birds, immediately contact your veterinarian. If you don't have a regular veterinarian, contact KDA's Division of Animal Health office toll-free at 833-765-2006.

According to the U.S. Centers for Disease Control and Prevention, the recent HPAI detections do not present an immediate public health concern. Birds and eggs from the infected flock will not enter the food system. As a reminder, the proper handling and cooking of all poultry and eggs to an internal temperature of

165°F is recommended as a general food safety precaution.

As part of existing avian influenza response plans, federal and state partners are working jointly on additional surveillance and testing in areas around the affected flocks. The United States has the strongest avian influenza surveillance program in the world, and USDA is working with its partners to actively look for the disease in commercial poultry operations and live bird markets and in migratory wild bird populations.

For more information about HPAI, including current status of the confirmed cases in other states as well as more information about biosecurity for your flock, go to KDA's avian influenza webpage at [agriculture.ks.gov/AvianInfluenza](http://agriculture.ks.gov/AvianInfluenza) or call KDA at 833-765-2006.

## Prosser joins American Soybean Association's D.C. policy team

The American Soybean Association is pleased to announce an addition to its Washington, D.C.-based advocacy staff. Joe Prosser joined ASA Oct. 25 in a newly created policy manager role, one of two that will be filled this fall. Prosser and the second manager will round out the policy team, led by Executive Director of Government Affairs Christy Seyfert and including three directors of government affairs.

Prosser grew up in the suburbs of Omaha, Nebraska, and worked during harvest and planting seasons—and, he says, "any time in between I could get down there,"—on his family's wheat and soybean farm in Larned, Kansas. It was there he developed

an appreciation for agriculture and helping others understand where food and agricultural products come from.

Seyfert said Prosser was a standout candidate, commenting, "We were impressed by Joe's experience on the Hill specific to agriculture and enthusiasm for joining ASA and representing soybean farmers. We know he will be a great addition to our D.C. policy team."

ASA advocates on policy issues ranging from farm policy and biofuels to trade, conservation, biotechnology, animal ag, tax law, regulatory decisions affecting crop protection and more — issues that impact the livelihoods of U.S. soybean farmers across some 30 major soy states.

The policy managers will contribute to policy development and advocacy execution, collaborate across ASA functions to provide team support, and build relationships with ASA's diverse stakeholders.

Prior to accepting the position with ASA, Prosser worked as a legislative assistant for agriculture and financial services for Congressman John Duarte (R-CA), legislative correspondent for Senator Joni Ernst (R-IA) covering agriculture, energy, environment and cryptocurrency, and he interned with Senator Roger Marshall (R-KS). Prosser earned a Bachelor of Science in Economics from Kansas State University with a minor in political science.

## REAL ESTATE AUCTION

**150 acres, M/L, of Jackson County Farmland, Pasture & Wildlife Habitat**  
**SATURDAY, DECEMBER 16, 2023 \* 1:30 PM**

**AUCTION LOCATION: Soldier Community Center, 212 First Street, SOLDIER, KANSAS**

**PROPERTY LOCATION: From Soldier, KS, go 2 miles East on 270th Road to G Road. The property is on the Southwest corner.**

**LEGAL DESCRIPTION:** The Northeast Quarter of Section 14, Township 6 South, Range 13 East less a tract, Jackson County, KS. This property consists of 150 acres m/l of which there are 84.20 DCP cropland acres. Base acres are corn 64 base acres and soybeans 19.40 base acres. These cropland acres are all terraced with some being tile terraces.

The balance of 65.80 acres consists of mix grass pasture, a wooded creek area and a waterway. This property has 2 larger ponds and some good wildlife habitat.

**\*\*This property has good access with 270th Road along the North & G Road on the East Side.\*\***

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## AUCTION

**SUNDAY, NOVEMBER 19, 2023 — 12:00 NOON**

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**NOTE:** Chester & Mildred collected for many years. Chester was a member of Cast Iron Seat Collectors Association for many years and enjoyed visiting with fellow collectors and attending auctions. Check our website for pictures [www.thummelauction.com](http://www.thummelauction.com)

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# Omega-6 fatty acids may be key to mitigate early embryonic loss in beef cattle

Utilizing omega-6 fatty acids as a management strategy to mitigate early embryonic loss, a major cause of reproductive and economic losses to the U.S. beef industry, is the focus of a new Texas A&M AgriLife Research-led project.

Omega-6 fatty acids have long been touted as essential fatty acids in human health and are typically derived from vegetable oils, seeds and nuts. A team of researchers in the Texas A&M College of Agriculture and Life Sciences Department of Animal Science has determined these same fatty acids could be a management tool in cattle pregnancies, particularly the first 28 days of gestation.

Reinaldo Cooke, Ph.D., the Burkhart Endowed Professor for Beef Cattle Research in the Department of Animal Science, will lead the U.S. Department of Agriculture National Institute of Food and Agriculture funded project, Unraveling the Benefits of Feeding a Lipid Source Rich in Omega-6 Fatty Acids to Pregnancy Establishment and Maintenance in Beef Females.

Advancing cow-calf productivity Cooke said cow-calf systems represent 86% of beef operations and 84% of the beef cattle population in the country. However, reproductive failure is a key factor limiting cow-calf productivity, and pregnancy loss has been recognized as one of the main reproductive challenges in cattle.

Most pregnancy losses occur during the first 28 days of gestation, he said, and these losses are classified as early embryonic loss. "Our group provided evidence that supplementing beef cows with a lipid source rich in omega-6 fatty acids during the early embryonic period increased pregnancy success by promoting conceptus development, establishment and maintenance of the pregnancy," Cooke said.

These results diverged from the traditional concept developed in the dairy industry that omega-6 fatty acids are detrimental to early pregnancy, so Cooke said the mechanisms by which omega-6 fatty acids improved pregnancy success warrant full clarification. "We need to provide biological support to nutritional interventions that minimize early embryonic loss," he said.



Grimmel Schaake Cattle Company, owned by Shane and Melissa Schaake of Manhattan, was named Premier Hereford Breeder at the 2023 American Royal.

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**Report for November 8th, 2023**

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Weight	Price Range	Hope	9 mix	881	\$220.00
Cows:	\$94.00-\$108.00				
Bulls - 4:	\$112.00-\$115.00				
— TOP STRINGS OF EACH CLASS —					
STEERS	HEAD	WEIGHT	PRICE		
Herington	46 mix	764	\$248.00		
Herington	64 mix	893	\$239.00		
Lincolntonville	12 mix	824	\$238.00		
Ramona	59 mix	879	\$233.75		
Burdick	11 blk	791	\$232.00		
HEIFERS					
Burdick	9 blk	532	\$247.50		
Burdick	6 blk	403	\$244.00		
Burdick	16 blk	477	\$235.00		
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He explained that the healing process in a body is mediated by inflammation – inflammation stimulates the growth of certain cells and body reactions. So, in their research, they are looking to determine how much is just enough to add fuel for embryo growth and positive pregnancy development. Dairy cows inherently eat a lot of fat, so when fed high amounts of omega-6 there were negative effects on reproduction. But in beef cattle, it's unknown how much is too much.

"The omega-6 fuels the embryo to develop," he said. "But if we increase the omega-6 to a higher level, will the reproductive effects be negative as in the dairy industry? It may cause too much inflammation. And then, if we know how much omega-6 is good, how does that compare to omega-3 at different rates?"

The idea is to determine if there are complementary effects between the two, as omega-3 would be good in terms of preventing too much inflammation, but omega-6 fatty acids would provide fuel for embryo development. "It's fine-tuning what is too much or too little," he said. "We want to find the balance between the two to find good nutritional strategies for beef cattle reproductive management."

# Consumer priorities for beef production

By Lisa Moser, K-State Research and Extension news service

Two challenges in retail businesses are anticipating demand and understanding consumers' buying preferences. To help define customer preferences, many business owners turn to client surveys to guide their decision-making.

With respect to consumers' directives for beef producers, Kansas State University agricultural economists recently surveyed people across the country to see what is of the greatest importance to them in making decisions about buying retail beef.

"The four factors that consumers consistently rank at the top are product freshness, price, flavor and safety," K-State ag economist Ted Schroeder said on a recent Cattle Chat podcast. "Consumers just

expect that the beef they purchase will have these qualities." Having a consistent demand for beef aligns with the industry's goal of economic sustainability, said Phillip Lancaster, K-State beef cattle nutritionist and sustainability expert for the university's Beef Cattle Institute.

"From a beef industry perspective, we categorize sustainability in three pillars — economic, social and environmental," Lancaster said. He defined economic sustainability as profitability at the ranch level, while social sustainability relates to the public's perception of how beef producers care for the animals. Environmental sustainability encompasses soil health, water quality and greenhouse gas emissions.

"From a beef production standpoint, consumers rank animal welfare of greater importance when making purchasing decisions, over greenhouse gas concerns," Schroeder said.

He added that it is important to remember that not all consumers rank their priorities the same way.

"Consumers are heterogeneous, meaning niche markets are present for even low-rank product attributes," Schroeder said.

He also said that policymakers need to be cognizant of the costs associated with additional regulations relating to beef cattle production.

"We want to produce beef that is profitable, environmentally friendly, and socially acceptable, and those are all good things. But we have to be careful about imposing regulations on the industry to meet certain criteria because that will add cost, and we know that price is one of the biggest factors that drives consumer beef purchases," Schroeder said.

To hear the full discussion, listen to the Cattle Chat podcast online or through your preferred streaming platform.

## GRASS & GRAIN

Wednesday, Nov. 15th,  
Grass & Grain staff will be at

Junction City  
Livestock  
10 a.m. - 1 p.m

Stop by to visit and have a cookie or donut!

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## JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from November 8th, 2023

STEERS					
3	420	278.00	7	834	227.25
1	510	276.00	4	788	224.00
14	571	267.50	3	806	216.00
2	602	252.00	5	855	214.00
31	685	251.00	12	997	199.00
5	693	234.50		964	197.00
9	822	228.00	TOP BUTCHER COW: \$110.00 @ 1,835 LBS.		
6	809	225.00	TOP BUTCHER BULL: \$111.00 @ 1,505 LBS.		
14	547	249.00	BRED COWS: \$1,275-\$1,725 PAIRS: \$1,425		
33	641	237.00			
10	778	232.00			

**EARLY CONSIGNMENTS FOR NOV. 15**

- 90 Ang X prevac..... 500-675#..... Meseke Ranch
- 125 Ang X prevac..... 475-675#..... T & J Erichsen
- 120 Ang X w.v..... 450-575#..... J. Howell
- 25 blk X w.v..... 575-775#..... Floyd Ranch
- 44 Ang X 1 rd of shots..... 500-675#..... D. Mills
- 25 Rd X Ch w.v..... 450-650#..... B. Debenhan
- 30 blk X prevac..... 500-650#..... R. Thurlow
- 85 Ang X prevac..... 500-650#..... Poland Farms

**PLUS MORE BY SALE TIME!**

**NO SALE WEDNESDAY, NOV. 22 due to Thanksgiving Holiday!**

**Special Cow Sale: Wed., Dec. 6, 12:30 PM**  
in conjunction with our Regular Sale. Replacement cows sell 1st followed by calves & yearlings and weigh up cows & bulls sell last.

- 45 Ang X Spring bred cows..... 3-9 yrs old..... Dispersal
- 9 Ang X Spring bred hfrs..... 2 yr..... Dispersal
- 16-16 Ang X..... Fall Pairs..... 2-3 yrs old
- 7-7 Ang X..... Fall Pairs..... 5-7 yrs old
- 10 Ang X Spring bred hfrs..... 2 yr..... bred to AngGel LBW
- 7 Ang X..... Spring bred cows..... 4-6 yr old
- 50 Ang X Spring bred hfrs..... 2 yr..... AI bred to LBW Angus
- 20-20 Ang X..... Fall Pairs..... 2 yr old
- 20 Ang X..... Spring bred hfrs..... 2 yr old

**Watch online with cattleusa.com (Tab J.C. Livestock Sales)**  
Must register to bid.

## CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from November 7th, 2023

STEERS:					
1	285	725.00	3	658	228.00
1	360	292.00	6	603	224.00
2	492	273.00	4	731	219.00
7	512	271.00	5	671	215.00
2	627	247.00	2	827	208.00
8	587	242.00	TOP BUTCHER COW: \$107.00 @ 1,661 LBS.		
2	687	236.00	TOP BUTCHER BULL: \$118.00 @ 2,110 LBS.		
5	855	223.50	BRED COWS SOLD FROM: \$1,200 TO \$1,625 PAIRS: NO TEST		
1	325	262.00			
1	360	260.00			
6	569	241.00			

**SEE OUR FACEBOOK PAGE FOR LATEST CONSIGNMENTS!**

**WE WILL HAVE A SALE ON TUESDAY, NOV. 21<sup>ST</sup>**

## EMPORIA LIVESTOCK SALE CO.

Bonded & Insured

SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM

620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

**Date: 11/8/23; Total Head Count: 1,539**  
**COWS: \$75-\$110.00; BULLS: \$99-\$118.00**

BULLCALVES		HEIFERS		STEERS	
3 blk	598@229.00	3 blk	357@330.00	11 blkwbf	430@314.00
4 blk	320@267.00	5 mix	462@310.00	5 mix	462@310.00
3 blk	372@259.00	6 mix	403@295.00	6 mix	403@295.00
9 blk	404@262.00	5 mix	484@292.50	5 mix	484@292.50
9 mix	406@255.00	6 mix	467@286.00	6 mix	467@286.00
17 mix	429@255.00	5 blk	480@281.00	5 blk	480@281.00
3 mix	412@254.00	15 mix	487@280.00	15 mix	487@280.00
4 blkwbf	471@251.00	6 blk	541@280.00	6 blk	541@280.00
3 blk	465@247.00	21 mix	575@276.50	21 mix	575@276.50
4 blk	476@246.00	5 blkwbf	548@274.00	5 blkwbf	548@274.00
8 mix	475@245.00	7 blk	594@273.50	7 blk	594@273.50
3 mix	478@245.00	13 blk	572@269.00	13 blk	572@269.00
3 mix	437@243.00	4 mix	526@268.00	4 mix	526@268.00
4 blk	470@243.00	4 blkwbf	551@264.00	4 blkwbf	551@264.00
11 blk	485@241.00	20 mix	553@264.00	20 mix	553@264.00
4 blk	444@240.00	4 blk	570@262.00	4 blk	570@262.00
5 mix	455@240.00	4 blk	539@260.00	4 blk	539@260.00
16 blk	523@254.00	9 mix	591@259.00	9 mix	591@259.00
18 mix	532@240.00	12 mix	620@257.50	12 mix	620@257.50
3 blk	547@239.00	13 mix	633@255.00	13 mix	633@255.00
10 wf	582@238.50	8 blkwbf	638@254.00	8 blkwbf	638@254.00
3 mix	525@236.00	9 blk	651@254.00	9 blk	651@254.00
3 blk	533@235.00	4 blkwbf	659@252.00	4 blkwbf	659@252.00
4 blkwbf	548@235.00	40 blk	661@251.50	40 blk	661@251.50
21 blk	593@235.00	8 blk	637@248.00	8 blk	637@248.00
25 mix	547@234.00	4 blk	641@242.00	4 blk	641@242.00
5 blkwbf	587@231.50	7 blk	675@237.00	7 blk	675@237.00
8 mix	583@231.00	5 mix	697@235.00	5 mix	697@235.00
12 blkwbf	596@230.50	3 blk	718@249.50	3 blk	718@249.50
6 blkwbf	593@225.00	6 mix	709@240.00	6 mix	709@240.00
18 blk	641@234.00	4 mix	765@232.50	4 mix	765@232.50
4 mix	666@231.00	12 mix	703@231.00	12 mix	703@231.00
3 mix	658@229.50	40 mix	765@230.00	40 mix	765@230.00
5 mix	680@229.50	7 mix	716@225.50	7 mix	716@225.50
13 mix	616@228.00	6 blk	806@236.00	6 blk	806@236.00
17 mix	655@227.50	44 mix	800@230.00	44 mix	800@230.00
3 blk	687@225.00	121 blkwbf	800@230.00	121 blkwbf	800@230.00
4 blk	658@224.50	25 blk	870@226.00	25 blk	870@226.00
3 blkwbf	677@221.00	10 mix	891@221.00	10 mix	891@221.00
5 blk	670@220.00	94 mix	873@220.50	94 mix	873@220.50
133 mix	753@226.25	28 mix	854@219.50	28 mix	854@219.50
11 mix	767@217.00	18 blk	905@223.50	18 blk	905@223.50
8 blkwbf	849@205.00	3 blkwbf	1022@199.00	3 blkwbf	1022@199.00

**PAIRS**

11 blkwbf 1620@2775.00

7 mix 1635@1950.00

**NO SALE: NOV. 22<sup>ND</sup>**

**Check our website for consignments!**

**THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!**  
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**LYLE WILLIAMS, Field Representative, 785-229-5457**

**MATT REDDING, Field Representative, 620-364-6715**

**DALTON HOOK, Field Representative, 785-219-2908**

**WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.**

**To see more consignments go to: [emporialivestock.com](http://emporialivestock.com)**

If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.

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Seth Lauer 785-949-2285, Abilene

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Clay Center Field Representatives:  
Tom Koch, 785-243-5124, Lance Lagasse, 785-262-1185

<b>KARL LANGVARDT</b> Cell: 785-499-2945	<b>MITCH LANGVARDT</b> Cell: 785-761-5814	<b>LYNN LANGVARDT</b> Cell: 785-761-5813
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# Fall herbicide applications – beyond the weeds

**By David Hallauer, Meadowlark District Extension agent, crops and soils**

The fall weed control window is open. While we're looking directly at getting rid of weeds with most programs, there are often other benefits as well, as outlined in a 2013 University of Missouri Integrated Pest Management article by Extension weed scientist Dr. Kevin Bradley. In that article, he not only discussed spring weather uncertainty and

longer-term (residual) weed control benefits, but others worth thinking about as well.

The first was soil temperature. While a dense mat of winter annual weeds may make planting conditions more difficult, temperature differences can be significant as well. Missouri research comparing sites where weeds were present versus where they were absent showed temperatures differences approaching five degrees Fahrenheit

in corn and as much as eight degrees Fahrenheit in soybeans. Warmer temperatures in weed free areas may not seem significant, until stands are reduced by below optimum soil temperatures due to weed pressure.

Winter annual weed pressure also led to reductions in soil moisture content at planting. When weeds were removed via fall or early spring pre-plant herbicide applications, soil moisture content at corn planting

was as much as 13 percent higher and up to six percent higher at soybean planting time. With ample moisture that may not be a penalty. If the spring is dry, however, it might become more important.

Fertility levels may be impacted, too. Kansas State University research into nitrogen uptake by winter annuals (14 sites) showed an average N uptake of almost 16 pounds per acre. Weed pressure also affected developing corn plants the following

spring.

Winter annual weeds (henbit, pennycress, shepherd's purse, etc...) can result in pest issues, too, serving as alternate hosts for soybean cyst nematode with henbit also found to be an attractant for black cutworm moths. A soybean study showed insect populations ten times greater in soybean stands when winter annuals were left uncontrolled until seven days before planting.

There are many fac-

tors (cost... time... etc...) influencing whether a fall weed control program is worth it, but this work underscores how it's not all about the weeds. Want more information? A couple of recent KSU Agronomy eUpdate (<https://eupdate.agronomy.ksu.edu/>) articles by KSU Extension weed management Specialist Dr. Sarah Lancaster outline some fall options to consider. They are also available upon request from any District Office.

## ASA holds Annual Meeting in Kansas City

During the American Shorthorn Association Annual Meeting on October 22, 2023, more than 100 members from 24 states gathered at the Hilton Kansas City Airport to elect new ASA board members, learn about the state of the association and receive awards.

The event kicked off on October 21 at the ASA office with a social for breeders to gather and enjoy the company of new and old friends.

The next morning, delegates convened to listen to Montie D. Soules, executive secretary/CEO of ASA, share the State of the Association. This included Key Performance Indicators, finances, and other association updates.

"The ASA had a really great year," Soules said. "The association continues to grow, and we are headed in a positive direction. We couldn't do it without all the people of the breed."

After the report, the nominating committees submitted three candidates

for the available board positions. Tyler Cates from Ind., Cory Bollum from Minn., and Mark Gordon from Ill. All three will serve a three-year term; Cates and Cory will serve their first term; Gordon will serve his second term. The board elected new officers for the nine-member board. The new president of the board is Toby Jordan of Ind. The vice-president is Lee Miller of Ohio and the executive director is John Sonderman of Neb. They serve alongside Jeff Bedwell of Okla., John Russell of Texas, and Rick Osterday of South Dakota.

Following the election of board members, attendees heard updates from junior activities, the Shorthorn Youth Development Fund Foundation, the Shorthorn Foundation, and several other committees.

After the meeting adjourned, attendees enjoyed a steak luncheon and listened to motivational speaker Matt Booth, who encouraged positivity in daily life.

The final event was the awards presentation. Breeders who registered more than 100 head in a fiscal year were given the Century Club Award. Next animal owners received certificates for Performance Animals that met certain qualifications. The National and Regional Show Winners for 2022-2023 were recognized with leather banners and metal awards. The final presentations of the event

were special recognition awards. This year the Heritage Awards went to Mary Hinton Bass and Bryan and Marti Warner. The Merit Award recognized Alan K. Sears. The Builders of the Breed were Ward Bakenhus, Bill Bales & Joe Bales, and Rick Leone & Family. Press releases coming soon on the special award winners.

In 2024, the ASA Annual Meeting will be October 26 in Kansas City, Missouri.

## Applications being accepted for 2024 Young Stockmen's Academy

KLA currently is accepting applications for the 2024 Young Stockmen's Academy (YSA) class. This will be the 18th class since the program began in 2006.

YSA consists of four seminars throughout the year designed to help young members learn more about KLA, the legislative process, agricultural advocacy, agribusiness, the retail food business and various segments of the beef and dairy industries. Applications can be obtained by contacting Shelbi Wiggs at [shelbi@kla.org](mailto:shelbi@kla.org). The deadline to apply for the 2024 class is December 15. All applications must be submitted digitally.

Every Thursday at 12 Noon  
1180 US Hwy. 77, P.O. Box 67, Marysville, KS 66508

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**Market Report for 11-9-23. 1704 Head Sold.**

STEERS/BULLS	Individual Report	HEIFERETTES:
<b>BEEF</b>		\$180-\$145
300-400#	N/T	
400-500#	\$315.00-\$277.00	
500-600#	\$292.00-\$252.00	6 blk@427# \$315.00
600-700#	\$254.00-\$224.00	15 blk@530# \$292.00
700-800#	\$237.00-\$220.00	7 blk@600# \$254.00
800-900#	\$231.00-\$216.00	18 blk@677# \$240.00
900-1,000#	\$225.00-\$210.00	129 mix@884# \$227.00
<b>HEIFERS</b>		<b>COWS-HIGH YIELDING:</b>
300-400#	N/T	\$108-\$89
400-500#	\$260.00-\$243.00	
500-600#	\$254.00-\$224.00	<b>COWS-LGT WT &amp; LOW YIELDING:</b>
600-700#	\$227.00-\$214.00	\$84-\$60
700-800#	\$223.00-\$210.00	
800-900#	\$217.00-\$200.00	<b>BULLS:</b>
900-1000#	N/T	\$109-\$75

FIELDMEN			
Jim Dalinghaus 785-799-5643 Baileyville, KS	Dave Bures, Auctioneer 402-239-9717 Odell, Nebraska	Jeff Cook 785-564-2173 Hanover, KS	Greg Anderson 785-747-8170 Watuville, KS
Trevor Lundberg 785-770-2271 Frankfort, KS	Taylor Schotte 785-268-0430 Marysville, KS	Bill Keesecker 785-410-6117 Washington, KS	

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**Hay Auction- Every Tuesday at 9:00 a.m.**  
**Cattle Auction- Every Tuesday at 11:00 a.m.**  
**Sheep/Goat Auction- Every 3rd Saturday at 11:00 a.m.**  
**Horse/Tack Auction- Every 2nd Saturday**

**November 14<sup>th</sup> - Calf/Yearling Sale**  
**November 18<sup>th</sup> - Sheep/Goat Sale**  
**November 21<sup>st</sup> - Cow Sale**  
**November 28<sup>th</sup> - Calf/Yearling Sale**

**ALL WEIGH COWS & BULLS SELL AT THE END**

**Holton Livestock Exchange, Inc.**  
1/2 mile East of Holton, KS on 16 Highway  
**Livestock Auction every Tuesday at 11:00 AM**  
\*\*\*\*STARTING TIME: 11:00 AM\*\*\*\*

**MARKET REPORT FOR TUESDAY, NOVEMBER 7, 2023**  
RECEIPTS: 2663 CATTLE  
FOR FULL RESULTS, VISIT OUR WEBSITE:  
[WWW.HOLTONLIVESTOCK.COM](http://WWW.HOLTONLIVESTOCK.COM)

STEERS	HEIFERS
6 blk Easton 352@362.50	9 blk Axtell 186@325.00
7 blk bwf Osage City 408@360.00	4 blk CamdenPLMO396@304.00
22 blk bwf CamdenPLMO475@344.00	7 blk bwf Osage City 355@295.00
16 blk Meriden 466@330.00	15 blk bwf CamdenPLMO437@293.00
24 blk bwf Osage City 478@325.00	10 blk Meriden 409@285.00
7 blk bwf Osage City 519@313.00	23 blk bwf Atchison 555@277.00
9 blk McLouth 528@307.00	25 blk bwf Osage City 497@272.00
24 blk Atchison 555@299.00	13 blk Bendena 545@271.00
57 blk bwf CamdenPLMO562@286.00	12 blk Easton 429@268.00
29 blk red DeKalb, MO 554@281.00	47 blk bwf Meriden 507@267.00
34 blk Osage City 623@272.00	66 blk bwf CamdenPLMO541@266.00
32 blk bwf Atchison 632@271.00	35 blk Osage City 503@264.00
10 blk Osage City 573@265.00	16 blk Holton 549@260.00
14 blk red Easton 552@265.00	9 blk bwf FallsCity, NE 622@255.50
11 blk Atchison 627@255.00	14 blk Atchison 558@254.00
12 blk bwf Wathena 569@251.00	19 blk bwf DeKalb, MO 527@252.00
47 blk bwf Fairview 729@249.00	17 blk char Lancaster 554@248.00
16 char Horton 568@245.00	15 blk Cummings 544@247.00
37 blk red Baileyville 854@240.00	21 blk bwf Atchison 656@247.00
20 blk char Lebo 745@238.50	14 blk McLouth 598@241.00
22 blk red Centralia 835@234.00	17 blk Perry 760@233.75
14 mix 1b Perry 820@232.50	60 blk red Ozawkie 811@229.50
10 blk bwf Holton 782@222.00	
9 red dairyX Centralia 812@157.00	

**Dan Harris, Auctioneer & Owner • 785-364-7137**  
**Danny Deters, Coming, Auct. & Field Rep • 785-336-1622**  
**Dick Coppinger, Winchester, Field Rep. • 913-683-5485**  
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**Craig Wischropp, Horton, Field Rep. • 785-547-5419**  
**Mark Servaes, Atchison, Field Rep. • 816-390-2549**  
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**WEBSITE: [www.holtonlivestock.com](http://www.holtonlivestock.com)**  
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FRIDAY 11 A.M.

FOR ALL

DISPLAY ADS AND AUCTIONS

AND

10 A.M. FOR ALL CLASSIFIED ADS

**VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.**

**THURSDAY, NOVEMBER 16, 2023**

**Spring Calf Special feat. Weaned & Non-Wean • Expecting 4000 hd**  
S.T. 11:00 a.m. on yrlegs; 12:30 p.m. on Weaned Calves

**Valentine Livestock Health Protocol 2023**  
#4 7-way (2), 5-way viral (spring & fall), pasteurilla, and poured or injected w/ Ivermectin (fall)  
#3 7-way (2), 5-way viral (spring & fall), pasteurilla, no pour on  
#2 7-way (2), 5-way once; #1 7-way only

**Yearlings: all off grass**  
130 blk & Ang hfrs P.O. NI HR Known history of 95% of CAB.....1050-1150#  
..... Shadbolt CC

350 blk, few rd hfrs G.O. NI..... 850-1000# ..... Buffalo Trails Rn  
150 rd-x & blk-x hfrs HR P.O./G.O..... 750-850# ..... A Thousand Hills

**Plus more from open hfrs from Walking, Simmons, Mulligan, Thayer**

**Weaned calves:**  
285 Ang str NI hayfed & range..... 500-650# .. Craig & Joy and Caleb Miles #4  
350 blk, few bwf (175s-175h)..... 535-585# ..... Leigh & Jason Fairhead  
220 blk (120s-100h) NI..... 450-650# ..... Duane & Mark Sedlacek #4  
230 Ang (150s-80h) NI outstanding set..... 550-700# ..... Krueger Cattle Co #4  
170 blk, bwf (100s-70h) Hoffman & Connealy genes ..... 425-500#  
..... Bob & Shane Keller #4  
120 blk, few bwf NI mostly A.I. sired ..... 450-600# ..... Sandcreek  
110 char-x & rd-x str 1 ld @ 600#..... 600-625# ..... Rocking Arrow #4  
60 ..Ang str NI Lonesome R & Connealy 500-600# ..... Paul & Percillia Lattin  
80 ..blk & bwf ..... 500-600# ..... Danielle Robinson #4  
65 ..blk & Ang NI ..... 400-500# ..... Bill Barner

**Non-weaned calves:**  
300 blk NI Raven & Lensegraves genes long time good ..... 500-600#  
..... Dean Livermont Family  
230 bwf (F-1) & blk, few rd Leachman CC sired..... 450-600# ..... Avery May  
120 hereford & bwf (80s-40h) ..... 475-550# ..... McNare Family #2  
150 blk, rd, bwf & rwf NI hfrs not topped- Lovejoy, Mizner genes ..... 500-675  
..... Rolland & Ronnie Sharkey #2  
100 rd Ang str NI ..... 500-600# ..... Gary MacLeod  
80 ..Ang str NI ..... 450-550# ..... Tony & Mary Jo Walker  
90 ..Ang, few bwf (F-1) str NI Hoffman sired ..... 500-650#  
..... Greg, Trudi & Gage Woods #3  
80 ..Ang (50s-30h) NI A.I. Hoffman & Stagecoach ..... 550-650#  
..... Greg & Amanda White #4

**Plus more weaned & non-weaned calves from Jansen (50), Kumm (40), Sinnott (70), Schmidt (50), Stiefel & Garwood (35), Vest (45), Hand (40)**

**View our special sales online @ [cattleusa.com](http://cattleusa.com)**  
**Office: 402-376-3611**  
Greg Arendt, Mgr., C: 402-376-4701 Brogan Arendt, Fieldman, C: 402-389-0281  
For complete listing visit our website: [www.valentinelivestock.net](http://www.valentinelivestock.net)

**EL DORADO LIVESTOCK AUCTION, INC.**

**316-320-3212**  
Fax: 316-320-7159  
2595 SE Highway 54, P.O. Box 622, El Dorado, KS 67042

**Market Report - Sale Date 11-9-23. 991 head**

300-400 lb. steers, \$281-\$302; heifers, \$260-\$289; 400-500 lb. steers, \$249-\$300; heifers, \$231-\$251; 500-600 lb. steers, \$240-\$269; heifers, \$212-\$241; 600-700 lb. steers, \$225-\$247; heifers, \$205-\$227.50; 700-800 lb. steers, \$220-\$240; heifers, \$190-\$215; 800-900 lb. steers, \$210-\$233.80. **Trend on Calves:** Mostly \$5-\$15 lower. **Trend on Feeder Cattle:** \$10-\$15 lower. **Butcher Cows:** High dressing cows \$95-\$108; Avg. dressing cows \$83-\$95; Low dressing cows \$60-\$82. **Butcher Bulls:** Avg. to high dressing bulls \$99-\$121. **Trend on Cows & Bulls:** Mostly steady.

**Some Highlights Include:**

HEIFERS	10 char	562 @246.50
3 blk 313@289.00	8 blk 569@250.00	
4 blk 419@251.00	10 blk 605@233.50	
10 blk 498@233.00	10 mix 625@247.00	
7 blk 552@236.50	23 mix 666@235.00	
23 mix 607@212.50	16 char 722@226.00	
11 char 639@210.50	40 blk 748@227.50	
2 char 730@206.00	56 mix 813@221.00	
<b>STEERS</b>	65 mix 844@223.80	
3 blk 418@292.00	24 blk 880@218.25	
2 blk 433@299.00		

**THURSDAY, NOV. 16: Special Weaned/Vacc'd Calf Sale**

- 83 mixed heifers, long weaned, off grass, 550-650lbs
- 100 mostly black steers & heifers, home raised, long weaned, shots, 500-600lbs
- 15 red/black steers & heifers, weaned 45 days, 500-600lbs
- 100 mostly black steers & heifers, home raised, weaned 45 days, shots, 500-700lbs
- 95 Charolais/Red Angus cross steers & heifers, long weaned, shots, 650-800lbs
- 19 steers & heifers, 2 rounds shots, weaned 45 days, 400-800lbs
- 40 Char X steers & heifers, off the cow, 500-600lbs
- 40 mix steers & heifers, weaned 45 days, shots, 600-700lbs

**TUESDAY, NOVEMBER 21, 2023**  
**GOLD BUCKLE FEMALE CLASSIC**

- 15 bwf replacement heifers
- 50 blk/bwf spring replacement hfrs
- 25 SimAngus fall replacement hfrs
- 40 Red Angus bred heifers (Mushrush & Peiper genetics) Al'd to Cross Diamond Poke Colt 45. Cleaned up w/Cross Diamond & Judd Ranch Red Angus bulls. Start calving Feb. 3 for 55 days
- 25 Angus bred heifers
- 33 blk/bwf bred heifers
- 50 Angus bred heifers with bulls from May 4-June 19. Tract scored
- 50 black/bwf bred heifers
- 100 Angus/Angus cross heifers Al bred to Dalebanks Difference on June 14th for first of March calf. Northern origin heifers
- 25 home raised Angus heifers bred to low birth weight Angus bulls. Start calving Jan 1st for 60 days (off dispersal)
- 12 SimAngus heifers bred to low birth weight composite bulls
- 5 Registered Hereford heifers bred to Registered Angus bull Capitalist. start calving March 1
- 6 Angus 1st calf heifer pairs, McCurry Angus genetics
- 10 Red Angus 1st calf heifer pairs. calves Al sired by 5L Brunsonate or son of Feddes Brunswick, worked & ready to turnout.
- 20 Angus 1st calf heifer pairs
- 40 Angus/Angus X 1st calf heifer pairs. Calves Al sired or out of
- Registered Angus bulls, worked and ready to turnout
- 65 Angus/Angus X 1st calf heifer pairs
- 40 black 3 year old fall pairs
- 20 Angus 10 year old pairs already bred back to Ohlde Angus bull
- 30 black/bwf 3 year old spring calving cows bred to Registered Angus or Red Angus bull. Start calving February 10th.
- 50 Angus/Angus cross 3 year old cows
- 50 Angus/bwf 4-6 year old cows bred to Jamison Horned Hereford bulls. Start calving February 15th for 70 days
- 65 Angus/bwf 4 year old-running age cows bred to Angus bulls. Start calving December 15th, some may sell with calf at side (full dispersal)
- 100 Angus/SimAngus 3-9 year old cows bred to Korte, McCurry or SimAngus bulls. Start calving Feb. 15 for 75 days (full dispersal)
- 50 Angus 10 year old cows bred to Ohlde Angus bull. Fancy older cows
- 4 Registered Red Angus bulls, 13-20 mo. old
- 2 Registered Horned Hereford bulls, calving ease, 18 mo. old
- 1 Registered Red Angus bull, 21 months old

**CLOSED NOVEMBER 23, HAPPY THANKSGIVING!**

**GO TO OUR WEBSITE FOR DAILY CONSIGNMENT UPDATES**  
[WWW.ELDORADOLIVESTOCK.COM](http://WWW.ELDORADOLIVESTOCK.COM)

**We welcome your consignments!**  
If you have cattle to consign or would like additional information, please call the office at 316-320-3212

**Check our website & Facebook for updated consignments: [www.eldoradolivestock.com](http://www.eldoradolivestock.com)**  
**To stay up to date on our latest announcements you can "Like" us on Facebook**

<b>Josh Mueller</b> Owner/Barn Manager (316) 680-9680	<b>Van Schmidt</b> Auctioneer/Fieldman (620) 345-6879
<b>Seth Greenwood</b> Asst. Barn Manager/Fieldman (620) 583-3338	<b>Charly Cummings</b> Auctioneer/Fieldman (620) 496-7108
<b>Kyle Criger</b> Fieldman (620) 330-3300	<b>Brandon Fredrick</b> Fieldman (620) 204-0841

**Cattle Sale Every Thursday 11:00 AM**

## Grass & Grain Weather Report Nov. 15, 2023

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																						
<b>WEDNESDAY</b> Partly Cloudy High: 69 Low: 49  <b>THURSDAY</b> Mostly Cloudy High: 68 Low: 50  <b>FRIDAY</b> Cloudy High: 67 Low: 46  <b>SATURDAY</b> Partly Cloudy High: 66 Low: 47  <b>SUNDAY</b> Partly Cloudy High: 63 Low: 42  <b>MONDAY</b> Partly Cloudy High: 62 Low: 44  <b>TUESDAY</b> Partly Cloudy High: 63 Low: 42	Today we will see partly cloudy skies, high of 69°, humidity of 64%. South wind 11 to 14 mph. The record high for today is 73° set in 2016. Expect partly cloudy skies tonight, overnight low of 49°. South wind 14 to 17 mph. The record low for tonight is 15° set in 1997.  <b>Last Week's Almanac</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Date</th><th>H/L</th><th>Normal</th><th>Precip</th></tr> <tr><td>11/3</td><td>66/42</td><td>61/35</td><td>0.00"</td></tr> <tr><td>11/4</td><td>60/37</td><td>61/35</td><td>0.00"</td></tr> <tr><td>11/5</td><td>73/34</td><td>60/35</td><td>0.00"</td></tr> <tr><td>11/6</td><td>73/46</td><td>60/34</td><td>0.00"</td></tr> <tr><td>11/7</td><td>74/48</td><td>59/34</td><td>0.00"</td></tr> <tr><td>11/8</td><td>69/45</td><td>59/33</td><td>0.00"</td></tr> <tr><td>11/9</td><td>62/32</td><td>58/33</td><td>0.00"</td></tr> </table> Rainfall: 0.00" Normal rainfall: 0.49" Departure: -0.49" Average temp: 54.4° Average normal: 46.9° Departure: +7.5°	Date	H/L	Normal	Precip	11/3	66/42	61/35	0.00"	11/4	60/37	61/35	0.00"	11/5	73/34	60/35	0.00"	11/6	73/46	60/34	0.00"	11/7	74/48	59/34	0.00"	11/8	69/45	59/33	0.00"	11/9	62/32	58/33	0.00"	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>Location</th><th>High/Low</th></tr> <tr><td>Washington</td><td>67/50</td></tr> <tr><td>Blue Rapids</td><td>69/48</td></tr> <tr><td>Seneca</td><td>68/49</td></tr> <tr><td>Clay Center</td><td>70/48</td></tr> <tr><td>Manhattan</td><td>69/49</td></tr> <tr><td>Wamego</td><td>69/48</td></tr> <tr><td>Ogden</td><td>71/48</td></tr> <tr><td>Junction City</td><td>70/49</td></tr> <tr><td>Abilene</td><td>69/48</td></tr> <tr><td>Council Grove</td><td>67/48</td></tr> </table>	Location	High/Low	Washington	67/50	Blue Rapids	69/48	Seneca	68/49	Clay Center	70/48	Manhattan	69/49	Wamego	69/48	Ogden	71/48	Junction City	70/49	Abilene	69/48	Council Grove	67/48
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<b>Local UV Index</b> 0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure																																																								
<b>Weather History</b> Nov. 15, 1987 - Thunderstorms spawned 22 tornadoes in eastern Texas, Louisiana and Oklahoma. A tornado moving out of northeastern Texas killed one person and injured 96 others around Shreveport, La. This tornado also caused more than five million dollars in damage.																																																								

# Shifting consumer demand for dairy foods fuels butterfat boom

The long-term demand trends for dairy products indicate butter, cheese and other full-fat dairy foods will continue to grow in sales and volume for the foreseeable future. U.S. consumers have shifted away from margarine and reduced fat dairy foods over the last decade as nutritional science surrounding saturated fats has evolved. As a result, butterfat levels in the national milk supply have risen sharply in response to changing demand patterns and dairy market dynamics.

According to a new report from CoBank's Knowledge Exchange, the butterfat boom will continue as the entire dairy supply chain is capturing additional value from milk with higher fat and protein levels. The economic incentives for a supermajority of the nation's dairy farmers are firmly in place to produce milk with more butterfat.

"Despite the significant growth in domestic butterfat production over the last decade, there is still tremendous upside potential, largely because the U.S. remains a milk fat-deficit nation," said Corey Geiger, lead dairy economist with CoBank. "Butter imports into the U.S. have skyrocketed over the last decade to meet the surging domestic demand for full-fat dairy products. Also, due to strong domestic demand, the U.S. barely exports any of its butterfat. As a result, low-fat, skim-solids product exports far outpace full-butterfat products."

Full-fat dairy and other animal products fell out of favor beginning in the 1970s over reported health concerns. However, nutrition research in the past 15 years suggests full-fat dairy has a much more nuanced role – and potentially protective effect – on health. Consumers responded to the evolving science quickly, triggering what has proven to be a long-term shift to previously tabooed dairy foods like butter.

There was a time when U.S. milk and butterfat production were synonymous. When measured by pounds, milk and butterfat production mirrored one another from 1995-2010, each growing a collective 24%. But milk and butterfat production have since decoupled. From 2011-2022, milk pounds shipped from U.S. farms grew 15%. However, butterfat pounds shipped from those same farms grew 27%.

Dairy producers have steadily increased butterfat content levels in milk through innovations in feeding programs and the use of genomic testing programs. Genomic tests can reveal 70% of the genetic ability of a young calf years before it becomes a milk cow. The science has expedited genetic gains in the U.S. dairy cow herd and dramatically shifted butterfat composition in recent years.

Geiger said the overall market picture for butterfat is quite clear, with tremendous growth potential both domestically and ultimately via the export market.

"The reality is that consumers are eating rather than drinking their dairy these days," said Geiger. "And they are increasingly favoring full-fat dairy foods over reduced fat options. That means continued innovation in things like premium butter, butter spreads and further development in the butter board phenomenon will bring value to producers, processors and consumers alike."



The City of Manhattan and surrounding communities honored veterans on Friday with their annual Veterans Day Parade. Photo by Briana McKay

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**YOU'RE Invited**

*Saturday, Nov. 25, 2023*  
 1669 175TH RD, TROY, KS, 66087

Lunch will be served  
 Bid-off starts at 1pm

**GEIGER-CATTLE & CLEAR-CREEK-FARM-OPEN-HOUSE**

**SELLING 10 OPEN FEMALES AND 5 BRED FEMALES**  
**SPRING BULLS ON DISPLAY**

**\$100 bull sale credit to open house attendees**  
 Cattle on display and silent bidding begins at 10 a.m.

*Sires represented include:*  
 Schooley Standout, LCDR Progressive, MR SR Mic Drop and TJ Flat Iron

THAD: 785-850-0859      SARAH: 785-472-8914      NATHAN: 785-850-0134

# Sell At St. Marys Tuesdays

Sell Or Buy **Cattle** By Auction **STARTING TIME 10:30 AM**

**We sold 1389 cattle November 11. Steer and heifer calves were in good demand at lower prices. Feeder steers and heifers sold \$3.00-5.00 lower, after a large decline in the futures market. Cows sold from steady to \$5.00 lower on light weight thin cows. Bulls remained steady.**

**STEER & BULL CALVES**

14 blk str	445 @ 313.00	12 blk str	664 @ 248.00
2 blk str	325 @ 304.00	64 blk/bwf str	883 @ 236.50
10 blk/bwf str	498 @ 301.00	5 blk/bwf str	668 @ 236.00
2 blk str	438 @ 300.00	14 blk/red str	728 @ 235.50
4 blk/red str	468 @ 296.00	20 blk str	676 @ 235.00
6 char str	442 @ 291.00	10 blk/bwf str	584 @ 234.00
3 blk str	447 @ 291.00	61 blk/bwf str	879 @ 232.00
2 blk str	453 @ 289.00	6 blk/bwf str	817 @ 226.00
4 blk str	378 @ 283.00	4 blk str	754 @ 224.00
7 blk str	543 @ 280.00	8 blk str	786 @ 224.00
7 blk str	539 @ 271.00	167 blk/bwf str	977 @ 223.10
4 blk bulls	458 @ 270.00	10 blk str	886 @ 221.00
7 blk/red str	536 @ 269.00	5 blk str	721 @ 220.00
2 blk bulls	460 @ 262.00	60 mix str	967 @ 219.50
3 wf/bwf bulls	373 @ 255.00	62 blk/bwf str	924 @ 217.00
5 blk bulls	484 @ 251.00	65 blk/bwf str	930 @ 210.25
5 blk/bwf bulls	488 @ 250.00	5 mix str	1004 @ 190.00
2 blk bulls	453 @ 235.00		
2 blk/bwf bulls	530 @ 235.00		

**HEIFER CALVES**

5 blk hfr	436 @ 261.00
5 blk hfr	433 @ 255.00
2 blk hfr	342 @ 250.00
2 blk hfr	420 @ 247.00
2 blk hfr	465 @ 244.00
9 blk/red hfr	429 @ 240.00
2 blk hfr	435 @ 238.00
12 blk hfr	506 @ 238.00
9 blk hfr	541 @ 236.00
6 blk/red hfr	463 @ 235.00
10 blk hfr	541 @ 234.00
3 blk hfr	503 @ 233.00

**STOCKER & FEEDER STEERS**

5 blk/char str	559 @ 274.00
11 blk str	601 @ 268.00
11 blk str	570 @ 264.50
10 blk/bwf str	633 @ 264.00
37 blk/bwf str	631 @ 257.50
11 blk str	647 @ 251.00
4 bwf str	586 @ 250.00
5 blk/bwf str	596 @ 250.00
28 blk/red str	606 @ 250.00

**STOCKER & FEEDER HEIFERS**

20 blk/wf hfr	563 @ 237.00
11 blk/wf hfr	587 @ 236.00
2 blk hfr	575 @ 230.00
16 blk/red hfr	584 @ 229.00
6 blk/red hfr	584 @ 225.00
3 blk hfr	557 @ 221.00
8 blk/char hfr	629 @ 221.00
12 blk/bwf hfr	638 @ 220.00
12 bwf hfr	657 @ 220.00
70 blk hfr	797 @ 218.75
8 blk hfr	729 @ 218.00
3 blk/bwf hfr	578 @ 216.00
6 blk/red hfr	565 @ 211.00
4 blk hfr	809 @ 211.00
3 x-bred hfr	550 @ 210.00
11 blk hfr	870 @ 209.50
3 blk hfr	642 @ 205.00
3 blk hfr	672 @ 190.00
4 x-bred hfr	900 @ 184.00
3 blk hfr	1143 @ 169.00

**COWS & HEIFERETTES**

1 blk hfrt	1040 @ 145.00
2 blk hfrts	1330 @ 131.00
1 blk cow	940 @ 128.00
1 blk hfrt	1245 @ 124.00
1 blk hfrt	1030 @ 121.00
1 blk cow	1425 @ 120.00

**BRED COWS**

1 blk cow	1145 @ 118.00
1 blk hfrt	1155 @ 117.00
1 blk cow	1155 @ 114.00
1 char cow	1175 @ 110.00
1 blk cow	1035 @ 109.00
1 char cow	1650 @ 108.50
1 blk cow	1040 @ 107.00
1 blk cow	1730 @ 105.00
1 red cow	1905 @ 104.00
1 bwf cow	1300 @ 103.00
1 blk cow	1455 @ 101.00
1 blk cow	1605 @ 100.00
2 wf cows	1720 @ 98.00
1 blk cow	1440 @ 97.00
1 blk cow	1495 @ 96.00
1 blk cow	1305 @ 95.00
1 blk cow	1240 @ 94.00
1 red cow	1405 @ 93.00
1 red cow	1475 @ 92.00
1 bwf cow	1400 @ 91.00
3 blk cows	1328 @ 90.00
1 wf cow	1265 @ 89.00
2 blk cows	1335 @ 88.00
2 blk cows	1373 @ 86.50
2 wf cows	1520 @ 86.00
2 blk cows	1488 @ 85.50
3 blk/bwf cows	1248 @ 85.00
2 blk cows	1250 @ 84.50
3 blk/bwf cows	1322 @ 84.00
2 blk cows	1383 @ 83.00
1 blk cow	1210 @ 82.00
2 blk cows	1153 @ 81.00
3 blk/bwf cows	1325 @ 80.00

**COW/CALF PAIRS**

2 blk/bwf cows/cvs	@ 2350.00
1 bwf cow/cf	@ 2050.00
1 blk cow/cf	@ 1675.00

**BULLS**

1 wf bull	1930 @ 126.00
1 blk bull	1245 @ 120.00

**1 blk bull** 1710 @ 118.00  
**1 blk bull** 1330 @ 115.00  
**1 wf bull** 1880 @ 115.00  
**1 blk bull** 1770 @ 114.00  
**1 blk bull** 1465 @ 112.00  
**1 wf bull** 1710 @ 111.00  
**1 red bull** 2040 @ 111.00  
**1 x-bred bull** 1460 @ 106.50  
**1 blk bull** 1210 @ 100.00  
**1 char bull** 1960 @ 100.00

**WATCH OUR AUCTIONS LIVE ON DVAuctions.com**

**CONSIGNMENTS FOR TUESDAY, NOV. 14, 2023:**

- 70 Angus str, 500-600 lbs., 60 days weaned, vaccinated
- 75 Angus str & hfr, 550-700 lbs., 60 days weaned, vaccinated
- 79 Angus str & hfr, 500-600 lbs., preweaning vaccinated
- 130 blk bwf str & hfr, 450-600 lbs., vacc.
- 123 blk str & hfr, 550-700 lbs., weaned, vaccinated
- 20 blk steers, 700-750 lbs.
- 40 blk str & hfr, 850-900 lbs.
- 62 blk steers, 850-900 lbs.
- 60 blk steers, 925-950 lbs.
- 61 blk xbred steers, 950-975 lbs.

Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to [www.grassandgrain.com](http://www.grassandgrain.com) & logging onto the online subscription

FOR INFORMATION OR ESTIMATES:  
**REZAC BARN** ST. MARYS, 785-437-2785  
**DENNIS REZAC** ST. MARYS, 785-437-6349  
**DENNIS' CELL PHONE** 785-456-4187  
**KENNETH REZAC** ST. MARYS 785-458-9071

**LELAND BAILEY** TOPEKA, 785-215-1002  
**LYNN REZAC** ST. MARYS, 785-456-4943  
**REX ARB** MELVERN, 785-224-6765

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**AUCTIONEERS: DENNIS REZAC, REX ARB & JASE HUBERT**

Livestock Commission  
 Company, Inc.  
**St. Marys, Ks.**