



Schwieterman Market Outlook

A marketing commentary by Bret Crofts

Corn and soybeans saw no follow-through buying after last week's strong closes, which was very disappointing to the bull camp. Traders were content with how the forecasts looked and how the weather was playing out, which took a lot of the wind out of bullish trader's sails. Crop condition ratings did decline, but only by one point in both the corn and soybeans, which wasn't enough to spark any buying. We are also dealing with a steady stream of ships leaving Ukraine and relatively light demand, especially for the wheat.

Basically, it was hard to come up with fresh bullish news. There were a couple of large daily export sales reported, but not enough

to get speculators excited. Traders are still worried about the global economy and how Chinese demand for our ag products may be impacted. If demand is poor then the U.S. supply of grain isn't too important, which is why traders are able to shrug off sub-trend line corn yield.

There is some bullish news out there, but traders are not too concerned with it because we are heading into harvest. Weather around the world is less than ideal. Drought is a problem in the western U.S., China, and much of Europe. It may take months, but at some point, production estimates in many countries will be cut and world ending stocks will tighten. River levels

are exceptionally low in many places, which obviously means below normal rainfall, and also the possibility of trade disruption. Basis levels for corn are still at exceptional levels, which should mean that someone will force delivery in order to force convergence between the cash and futures markets. Chances of that happening are very, very low, because the delivery process is more difficult than it should be.

On the charts, the December corn did manage to post an outside day higher on Thursday and saw some follow through buying on Friday. That action should warrant a retest of the 50-day moving average resistance, but

in order to clear that resistance, we will probably have to have less favorable weather and something supportive from the Pro Farmer Tour. \$6.31 and \$6.42 are the key resistance levels to watch.

The wheat had been working on a rounded bottom, but that failed miserably last week. The breakout to the downside from the sideways range suggests that we will see further weakness. Unless we see a close above \$8.55½ in the December KW, the bears have the advantage.

November soybeans reversed higher last Thursday, but did nothing with that on Friday. The first key resistance level is at \$14.13¾. It will take a close above that level to give the bulls any hope at a recovery. Support below the market is at \$13.60.

The cattle on feed report was worse than expected at 101% on feed, 102% placements, and marketings at 96%. The placements figure was quite a bit above expectations, but honestly, traders should have been expecting high-

er placements than last year and not 98.5%. All we hear about are all the cattle being taken off grass, calves being weaned early, and people doing whatever they can to preserve feed supplies. Cull cows are going to slaughter and everything else will be eating at a bunk somewhere.

We had numerous multi-month and contract highs this week and the cash market was a bit firmer with lots of trade in the south at \$142. Things are heading in the right direction, and the trends are up. Let's hope they stay that way.

Schwieterman, Inc. is a full service commodity brokerage firm. If you would like more information on commodity markets or our brokerage services, contact Bret Crofts at 800-272-9131, www.upthelimit.com or bret@subbell.net

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Training helps cows adjust to weaning, feedlot

By Jessica Jensen, K-State Research and Extension news service
Anyone who is about to compete in a race or is starting a new job must be trained or conditioned to avoid problems. Training and conditioning will help

them compete and do their best work.

In much the same way, beef cattle need to be prepared before heading to the feedlot to be fed.

In a recent Cattle Chat podcast from the Beef Cattle Institute, Kansas State

University veterinarians said a preconditioning program is a plan to help with the transition of calves as they go through weaning – and before they go to a feedlot – to spread out some of those added stresses.

“How we (spread out those stress) usually involve some respiratory disease vaccinations, deworming and being bunk broke,” said veterinarian Bob Larson. “If they are vaccinated, dewormed, are used to consuming feed and have had a little bit of time post-weaning, that is what would be considered preconditioning.”
Veterinarian Brad

White added: “By using a preconditioning program, hopefully, these cattle will stay healthy leading to a smoother transition and better performance in the feedlot, making them more profitable in the long run.”

“A key factor in this program is enough time to get extra weight on those cattle to overcome the cost of the poor performance in the first week after weaning,” said nutritionist Philip Lancaster.

One thing that producers should be aware of is time. “You have to balance between keeping the (calves) long enough and adding enough weight to them to make it prof-

itable,” said veterinarian Brian Lubbers.

Lubbers suggested penciling out what feedstuffs you have, the cost of the rations and how long will you need to keep those calves for your program to work because preconditioning is not always profitable year to year.

“One of the drivers is the cost of gain, which is how much is my feed cost per how much weight I can put on those calves during a certain period of time,” White said. “From a study by Mark Hilton, it says two-thirds of the profit comes from added weight and one-third comes from the higher price.”

Larson added that by being preconditioned, calves will be more valuable to the buyers because they have less risk of disease and will tend to receive a price premium, though that will also depend on other factors.

“Preconditioning is valuable to the industry. The more we can prevent illness and better prepare (calves) is better for all of us, but you should figure out what will work best on your operation,” White said.

To hear the full discussion, listen to the Beef Cattle Institute Cattle Chat podcast online.



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A good attendance of local and out of state buyers made for a very strong to higher market for our sale held on Friday, August 19th. Quality and condition were good all the way. Cull cows and bulls sold from steady to \$3 higher. We had several consignments of quality Fall bred heifers and cows which were finding good interest.

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Morrowville	5 blk	2-4	@1875.00																																																																																																																																																																																																																																
Morrowville	6 blk	2-3	@1775.00																																																																																																																																																																																																																																
Morrowville	4 blk	2-4	@1625.00																																																																																																																																																																																																																																
Morrowville	2 blk	5	@1575.00																																																																																																																																																																																																																																
Beloit	12 bwf	2	7-8	@2200.00																																																																																																																																																																																																																															
Beloit	13 blk	2	7-8	@2050.00																																																																																																																																																																																																																															
Havensville	1 blk	@425.00																																																																																																																																																																																																																																	
Havensville	1 bwf	@325.00																																																																																																																																																																																																																																	
Green	1 blk	@260.00																																																																																																																																																																																																																																	
Green	1 blk	@200.00																																																																																																																																																																																																																																	

EARLY CONSIGNMENTS FOR AUG. 26

SELLING AT 11:00 A.M.

- 37 Fancy reputation Angus 1st calf hrs bred to LBW high calving ease Angus bulls, to calve mid Sept through Oct. super gentle.
- 30 choice gentle one raising Angus Fall calving 1st calf OCV hrs, bred to LBW Vermillion Ranch Angus bull to start calving Sept 10 for 60 day calving, all shots.
- 38 blk blk Northern origin Fall calving (OCV) cows (7 to 8 yrs) bred to Jamison Herf bulls to start calving Sept. 10 for 70 day calving. Very good disposition/ current on vaccinations and will raise fancy BWF calves.
- 65 Blk & BWF str & hrs, 2 rds shots, off grass, pink eye shot, no implants. 600-650#
- 65 Choice reputation Angus str & hrs, long weaned, 700-800#
- 6 Angus open hrs, 900-950#
- 40 coice blk bwf str & hrs, Spring shots, 600-700#
- 45 choice blk bwf str & replacment quality hrs, long weaned, 2 rd shots, 650-750#
- 70 blk & Red str, off grass, 850-950#
- 60 blk str & hrs, Spring shots, 650-800#
- 34 SimAngus Cross & Red Angus Cross str & hrs, 2 rds shots/weaned May, 550-700#
- 25 blk str, short weaned, 700-800#

Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesdays starting at 11:00 AM

2022: October 12; November 16; December 14

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DAN COATES
BALDWIN
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785-456-4352

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913-547-1315

Kansas Hay Market Report

Compared to the last report, the hay market has risen significantly, but it should be no surprise to anyone that prices continue to rise for all hay and forage types due to the worsening drought and shorter yields. Prices change so fast it is hard to keep up with the changes and they are all over the map, making it difficult to zero in on the true average. With that being said, demand remains high for all types of hay, which is increasingly difficult to find. Everything that can be baled is being baled, including failed corn, beans, and milo. According to the U.S. Drought Monitor for August 9th, most of the Great Plains recorded only a few tenths of an inch of rain at bestweek before last. Periods of excessive heat have exacerbated the effects of the subnormal precipitation, and even some areas with near normal rainfall have seen conditions dry out due to the heat. Surface moisture shortages are now most acute in western Kansas and a sizeable part of this area is in exceptional drought (D4), with the remainder in D3 along with northeastern Colorado, southeastern Kansas. Abnormally dry conditions (D0) decreased to 11%, moderate drought (D1) decreased to 18%, severe drought (D2) increased to 26%, extreme drought (D3) increased to 19%, and exceptional drought (D4) increased to 10%. Join agriculture leaders from across the state for the Kansas Governor's Summit on Agricultural Growth August 17th and 18th. More information about the Summit and registration, go to www.agriculture.ks.gov/Summit.

Southwest Kansas

Dairy alfalfa steady to .10/point higher, grinding alfalfa

falfa 10.00-15.00 higher, ground and delivered 20.00-30.00 higher, movement slow to moderate. Alfalfa: horse, supreme small squares new crop 12.00/bale. Dairy 1.30-1.40/point RFV, Supreme (185rfv - 200rfv) 240.00-280.00, Premium (175rfv - 185rfv) 230.00-260.00, Good (150rfv-170rfv) 195.00-240.00. Good, Stock or Dry Cow 280.00-285.00. Grinding alfalfa, large rounds, new crop 230.00-245.00, new crop large square 3x4's and 4x4's 255.00-265.00. Ground and delivered locally to feed lots and dairies 255.00-280; Grass Hay: Bluestem, large rounds 165.00-175.00 delivered. The week of 08/01-08/13, 7,609T of grinding alfalfa and 1,150T of dairy alfalfa was reported bought or sold. The average paid by feedlots on August 1 for alfalfa ground and delivered was \$216.91, up \$5.73 from the previous month, usage was 664T/day, up 2% and total usage was 20,574T.

South Central Kansas

Dairy alfalfa steady to .10/point higher, grinding alfalfa 10.00-20.00 higher, ground and delivered steady to 10.0-15.00 higher, alfalfa pellets, steady, movement slow to moderate. Alfalfa: horse, small squares 255.00-275.00. Dairy 1.30-1.40/point RFV, Supreme (185rfv - 200rfv) 240.00-280.00, Premium (175rfv - 185rfv) 230.00-260.00, Good (150rfv-170rfv) 195.00-240.00. Good, Stock cow, new crop 250.00-280.00. Fair/good grinding alfalfa, new crop large rounds 205.00-215.00 delivered, 3x4 and 4x4's 235.00-245.00 delivered. Ground and delivered 225.00-240.00. Alfalfa pellets: Sun cured 15 pct protein 255.00-265.00, 17 pct protein 260.00-270.00, Dehydrated 17 pct 310.00-315.00. Grass Hay: Bluestem, small squares 160.00-165.00, large squares 3x4's, old crop 120.00-130.00, new crop 3x4's 130.00-140.00, large rounds 100.00-110.00. Brome: small squares, 9.00/bale, 3x4's 145.00-155.00, large rounds 135.00-140.00. Sudan: large rounds 160.00-170.00. Wheat straw: 95.00-105.00. The week of 08/01-08/13, 4,491T of grinding alfalfa and 1,184T of dairy alfalfa was reported bought or sold. The average paid by feedlots on August 1 for alfalfa ground and delivered was \$216.12, up \$28.15 from the previous month, usage was 233T/day, down 7% and total usage was 7,236T.

Southeast Kansas

Dairy alfalfa steady to .10/point higher, grinding alfalfa steady, bluestem grass hay steady to 10.00 higher, movement slow to moderate. Alfalfa: horse or goat, 260.00-270.00. Dairy 1.30-1.40/point RFV. Good, stock cow 220-230.00. Fair grinding alfalfa, 170.00-180.00; Grass hay:

Bluestem, small squares 135.00-145.00, good 3x4 squares 130.00-140.00, large round 100.00-110.00. Brome, large rounds 140.00-150.00, 3x4 and 4x4 squares 150.00-175.00. The week of 08/01-08/13, 1,451T of grass hay was reported bought or sold.

Northwest Kansas

Dairy alfalfa steady to .10/pt higher, grinding alfalfa steady, movement slow. Alfalfa: Horse or goat, small squares 300.00-400.00 delivered, 3x4 squares 250.00-260.00. Dairy, Premium/Supreme 1.30-1.40/point RFV. Stock cow, fair/good 225.00-235.00. Fair/good grinding alfalfa, 195.00-205.00 picked up out of the field.

North Central-Northeast Kansas

Dairy alfalfa steady to .10/pt higher, grinding alfalfa, ground/delivered and grass hay steady, movement slow. Alfalfa: horse, premium small squares, 11.50-12.50/bale. Dairy 1.30-1.40/point RFV, Supreme (185rfv - 200rfv) 240.00-280.00, Premium (175rfv - 185rfv) 230.00-260.00, Good (150rfv - 170rfv) 195.00-240.00. Horse hay, 3x4's 290.00-300.00; Stock Cow 3x4's 205.00-235.00. Fair/good, grinding alfalfa new crop 205.00-215.00, good, large square 3x4's 235.00-245.00; Ground and delivered, old contracts 175.00-190.00; Grass hay: Bluestem, small squares 8.00-9.00/bale, large 3x4 squares 135.00-145.00, good large rounds new crop 120.00-130.00, Brome: small squares 8.50-9.50/bale, new crop large rounds 145.00-155.00; Oat straw: large rounds 85.00-95.00. Wheat straw: small squares 6.00/bale, large rounds 95.00-105.00, large squares 110.00-120.00. The week of 08/01-08/13, 679T of grinding alfalfa and 745.5T of dairy alfalfa was reported bought or sold.

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

*****Prices are dollars per ton and FOB unless otherwise noted. Dairy alfalfa prices are for mid and large squares unless otherwise noted. Horse hay is in small squares unless otherwise noted. Prices are from the most recent sales.**

*CWF Certified Weed Free

*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.

THE ANNUAL
Luck of the Irish TOY SHOW
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Monday, September 5, 2022
10:00 AM TO 4:00 PM
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There's still time to apply for ASA's Conservation Legacy Awards

Share the story of how conservation is part of your farm operation and you could be recognized with a Conservation Legacy Award. The awards recognize farm management practices of U.S. soybean farmers that are both environmentally friendly and profitable.

Are you using a reduced tillage practice on your farm? Do you grow cover crops? Have you taken steps to improve energy efficiency or water quality? These are just a few conservation practices used

on some farms today that can help produce sustainable U.S. soybeans. Different regions of the country have their own unique challenges and ways to approach conservation and sustainability. We want to hear your farm's conservation story!

All U.S. soybean farmers are eligible to enter to win a Conservation Legacy Award. Entries are judged on soil management, water management, input management, conservation, environmental management and sustainability.

The selection process for these awards is divided into four regions - Midwest, Upper Midwest, Northeast and South. One farmer from each of these regions will be recognized at the 2023 Commodity Classic in Orlando, Fla., and one will be named the National Conservation Legacy Award recipient. Award Winners Receive:

ceive:

- An expense-paid trip for two to Commodity Classic March 9-11, 2023, in Orlando, Fla..

- Recognition at the ASA Awards Banquet at Commodity Classic.

- A feature story and news segment on their farm in *Farm Journal* magazine and on the *AgDay* television show.

- Video on each award winner's farm and conservation practices.

The Conservation Legacy Awards are sponsored by the American Soybean Association, BASF, Bayer, Nutrien, the United Soybean Board/Soybean Checkoff and Valent U.S.A.

More information on past winners and how to submit an application is available in the "About" section under "Awards" on the ASA website.

All applications must be submitted by Sept. 1, 2022.

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Heiferettes:	Weight 1060	Price Range \$100.00	Mc Pherson	12 mix	723	\$160.00
Cows:	1255-2005	\$83.00-93.00	Hillsboro	5 blk	624	\$180.00
Bulls:	1750-1890	\$106.00-\$113.50	Mc Pherson	14 mix	652	\$176.00
			Mc Pherson	7 mix	440	\$171.00

— TOP STRINGS OF EACH CLASS —

STEERS	HEAD	WEIGHT	PRICE
McPherson	10 mix	567	\$184.00
Herington	23 blk	842	\$174.85

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CLASSIFIED DISPLAY ADS LOOK LIKE THIS!
• Includes a defining border around the ad.
• Pay by the inch.
All formatting is available. Photos/ logos optional. Can be 1 or 2" columns wide. *Depending on classification
Color is now available for classified display ads! *Color is \$15.50 per in. Ad must be at LEAST 1colX3.5" to run in color in the classified section.

CLASSIFIEDS

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: _____

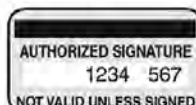
TOTAL: \$ _____

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: _____

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- 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.

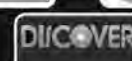
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Kansas Profile

By Ron Wilson
Executive Director of
the Huck Boyd
Institute



Clay Wallin, Heartland Game Birds

This Kansas business is for the birds – gamebirds, that is. Today we'll meet a young ruralpreneur who has created a business of raising pheasants and guiding pheasant hunts in his home region of rural Kansas.

Clay Wallin and his friend Nathan Lindberg are owners of Heartland Game Birds. Wallin and his wife are from Republic County originally. Clay went to K-State and earned degrees in golf course management and agronomy before he and Bethany were married. He worked in crop seed sales in Kansas and Ne-

braska. For six years, they lived in Manhattan.

In 2018, Bethany took a position at the hospital in Belleville and they moved to Clay's hometown of Courtland. Clay became an independent Channel seedsman and raised corn and soybeans.

Clay also joined his boyhood pal Nathan Lindberg and another friend in creating a pheasant business. "We grew up pheasant hunting together," Wallin said. He remembered the excitement of the beginning of pheasant season. "Opening weekend was better than Christmas for me."

Because of their location in the heartland of the nation, they named their business Heartland Game Birds. Today, they raise thousands of pheasants, lease many acres of farmground for hunting, provide guided hunts, and have even opened a hunting lodge in Courtland.

"We aim to provide (customers) with the best upland hunting experience the Heartland has to offer," the website states.

"We raise our own birds," Wallin said. "This year we'll raise 11,000 birds, and our goal is to get to 25,000."

Heartland Game Birds raises and sells birds by contract to others in addition to their own local use. "The guided hunts are growing," Wallin said. "Our goal is to double the number of hunts each year."

During busy times, two other individuals help Wallin and Lindberg guide groups of hunters.

In 2020, the business purchased a historic downtown building that had been built in the 1890s. "It was one of the first buildings in Courtland," Wallin said. They

Grass & Grain, August 23, 2022

guttled and remodeled the building, which has become their hunting lodge. It operates as an Airbnb, but during the busiest part of hunting season from November through February, the lodge is reserved for hunters only.

For the hunters, they provide home-cooked meals and will clean, process and vacuum package the birds.

"I'm a huge hometown supporter," Wallin said. "I want to see more vehicles on Main Street and draw people to downtown. This old building helps us tell the story. Every customer we have asks about the history of the place."

For many people, part of the experience is re-connecting with the memory of a time when they might have gone hunting with a dad or grandpa. "Usually there's one in every crowd that grew up doing this, and now they're wanting to share it with other people," Wallin said. "There's a camaraderie to the hunt. Our greatest joy is helping bring back good memories for them."

He adds: "This is a people business. We're

tailored to the smaller groups so we can build relationships. It's fun to meet people from other walks of life. We've made friends and great connections."

Repeat customers have been a foundation of the business as it has grown. Many customers have come from the east coast. "We've had people from Florida, Washington D.C., California, Utah, Wyoming, Michigan, North Carolina," Wallin said.

During the recent pandemic, business actually increased as people wanted to get away from the crowded cities.

It's an impressive record for a business based in the rural community of Courtland, population 294 people. Now, that's rural.

For more information, go to www.heartlandgamebirds.com.

This business is for the birds – for game birds by the thousands, that is, and that's a good thing. We commend Clay Wallin and Nathan Lindberg for making a difference by using the great outdoors to create positive memories for their customers. These birds got game.

Comparing feedstuffs for livestock

By Wendie Powell, Wildcat Extension District livestock production agent

Feed prices are constantly changing. One may be more economical now, but not the best option at another time. All producers should know how to compare feed costs and balance least-cost rations.

Feedstuffs are priced according to different units of measure: bushels, tons, or bales. Bales come in varying sizes and densities, so, the first step is to convert prices to the same unit, usually pounds or tons. Barley that sells for \$3/bushel is \$0.06/pound. A hay bale weighing 40 pounds, costing \$5 is 12.5 cents/pound. Lighter

bales will increase the per pound cost of the hay.

Livestock feed rations are balanced on a "dry matter" basis. However, feedstuffs are priced "as-is," meaning that a portion of the feedstuff's weight is moisture. Because the dry matter content of feedstuffs can vary significantly, prices must be converted to a dry matter basis. This is especially important when comparing dry feeds like hay or grain with high moisture options like silage or haylage.

Livestock does not require certain feedstuffs; they require nutrients (protein, energy, minerals, and vitamins) in specified amounts. Feedstuffs

vary considerably in the amount of protein, energy, and other nutrients that they contain. For this reason, the cost of providing a certain nutrient is the basis on which feedstuffs are compared.

To determine the cost of a nutrient, divide the feed's dry matter cost by the percent nutrient in the feed. Continuing with our barley example, the energy costs \$0.085/pound whereas the cost of energy in alfalfa hay is \$0.25/pound.

While grains have fairly consistent nutrient levels, forages and by-product feeds can vary drastically. In order to compare the cost of nutrients of some feedstuffs, you should

have them analyzed to determine their nutritional content. For example, the protein in alfalfa hay can vary from 10 percent to more than 20 percent.

Cost is not the only factor to consider when evaluating feedstuffs. There may be limitations as to how much of a feedstuff can be fed. Corn silage is a very economical source of nutrients, but a high-producing animal may not be able to eat enough of it to meet nutritional requirements.

Feedstuffs are combined to create a ration that is nutritionally balanced. Care must be taken not to create dangerous imbalances. Some feedstuffs contain high levels of cer-

tain minerals, like dried distiller's grain and sulfur. Sulfur binds with copper and limits its absorption.

Feed cost also has to include delivery charges and waste. Some feeds have practically no waste, whereas others can have quite a lot. Feeding and storage methods have the largest effect on waste. Delivery charges are tacked on when feed is delivered to the grain bin by the feed supplier. If the ranch is hauling the feed, fuel is still a charge.

For more information, contact Wendie Powell, Livestock Production Agent, (620) 784-5337, wendiepowell@ksu.edu.

Building brand trust with the story of on-farm innovation

At a time when sustainability is driving the choices of several stakeholders – consumers, customers, investors and others – food companies can help build their sustainability success story by starting at the farm gate. According to Roxi Beck, consumer engagement director at The Center for Food Integrity (CFI), touting the technology and sustainable practices used on today's farms can build credibility and trust. This is true when companies are sourcing meat, milk, eggs, grains and spices, as well as sourcing feed for livestock, poultry and farmed fish.

Are You Sustainable Enough?

"Our CFI consumer research has shown time and time again that consumers trust farmers and want to hear from them," said Beck. It's also reinforced by a recent Gallup poll showing farmers and agriculture top the list of trustworthy business and industry sectors. "Implementing communication strategies that highlight farmer innovation focused on sustainability will engage audiences that want transparency about where their food comes from, how it's being produced, who's producing it and how it impacts their health and our planet."

It's especially important to Millennials and Gen Z, who are much more open to technology as a way to solve global challenges, she said.

Particularly for larger food brands, earning trust can be an uphill climb. It's part of the "big is bad" bias where consumers believe companies are motivated solely by profit and not the public's best interest.

"With that in mind, it's important to assess whether you're ready to answer questions from more curious and skeptical consumers about whether your business is sustainable and whether they can trust you to do the right thing," said Beck.

Sustainability and On-Farm Innovation
The food industry often

talks about the disconnect between consumers and their food, which can perpetuate misinformation and unfounded fears. We also see a food industry and farmer gap. Whether food companies source from farmers directly or indirectly, they may not be fully aware of what's happening on today's farms to consistently produce more food, more sustainably, said Beck.

"Seed varieties are continually refined through genetic modification and gene editing, which reduces herbicide applications, decreases weed and insect pressure, increases yields and decreases the amount of water needed" said Cindy Pulskamp, who along with her husband Neal, grows soybeans, wheat and sugar beets near Hillsboro, North Dakota. "Biotechnology can also enhance nutrition. For example, through gene editing, we now have a heart-healthy high-oleic soybean oil. Gene editing can also address allergens in crops."

Jim Douglas a soybean farmer from Flat Rock, Indiana, uses GPS, monitors and sensors on his family farm to track crop yields and inputs like seed and crop protection products.

"With these variable rate technologies, I can change seeding and application rates more precisely, ensuring I'm applying the right amounts of seed and fertilizer," Douglas said.

On soybean farms and beyond, farmers are incorporating regenerative

farming practices like no-till and crop rotation to build and maintain organic matter and improve soil health.

As a result of these efforts, soil on U.S. farms stores 100 times more carbon than the U.S. emits each year. According to the 2021 U.S. Soy Sustainability Overview from the United Soybean Board (USB), between 1980 and 2020, conservation efforts by U.S. soybean farmers have improved:

- Land use efficiency by 48% per bushel
- Irrigation water use efficiency by 60% per bushel
- Energy use efficiency by 46% per bushel
- Greenhouse gas emissions efficiency by 43% per bushel
- Soil conservation by 34% per acre
- Soy production by 130%, using roughly the same amount of land

When it comes to livestock, many producers house animals in modern facilities where they are provided with carefully formulated feed and continuous access to water. They also use software that monitors the amount of food and water consumed and the climate of the barns. Manure from those barns is used as fertilizer for crops, which often are used to feed the animals in a sustainable, circular fashion. An increasing number of farmers are using methane digesters to convert manure into fuel or alternative energy that provides power to local utilities.

ESTATE AUCTION REMINDER
SATURDAY, AUGUST 27, 2022 • 10:00 AM
2248 A, ZZ Road, STRONG CITY, KANSAS
Saffordville Community Building which is about 10 miles West of Emporia, KS on Highway 50 or 7 miles East of Strong City. There is a large Saffordville sign along the Highway. Exit Highway and go South across the railroad tracks to auction site.
Many photos at: www.hancockauctionandrealstate.com
COLLECTIBLES inc. Oil Cans, Hatchets, Axes, Named Wrenches & Hammers, Planes, Levels, Cast Iron Tool Boxes, Knives, Rope Machine, Signs, Books, Shop Items * LOTS OF COLLECTIBLES!
See last week's Grass & Grain for listing & go to our website!
HANCOCK AUCTION & REAL ESTATE
620.340.5692 PAUL HANCOCK, Auctioneer

AUCTION
SATURDAY, AUGUST 27, 2022 — 9:00 AM
Offering for sale at Public Auction, located at 1105 E. 9th, NEWTON, KANSAS
ATV, MOWER, SHOP & HOUSEHOLD ITEMS
Polaris 500 Ranger 4x4 side-by-side, 1110 hrs.; Big Dog Alpha 42" riding mower, Kawasaki eng., 75 hrs.; Miller Millermatic 252 mig welder; Craftsman DRT 7 hp 17" rear tire rototiller; Craftsman 13" rototiller; Mantis tiller; Coats 10-10 tire machine; Bishman tire machine; Snapper I-422 snow blower; Craftsman air compressor; bench grinder; Craftsman hand held blower, new; Central Pneumatic 2.5 hp 21 gal. air compressor; Cen-Tech 6/12 volt battery charger; Chicago miter saw; stocked bolt bins; Craftsman elec. chainsaw; 4-Bostitch roof nailers; DeWalt sawzall; impact wrenches; elec. drills & tools; pipe wrenches; bolt cutters; Craftsman metric & standard end wrenches; Craftsman socket sets; Gear wrench socket & wrench sets; adj. wrenches; Pittsburg tool sets; 2 Craftsman roll-away toolboxes; B & D cordless tools; camping & fishing equip.; Glowstik & Zebco rods & reels; Coleman cooler; Navy Arms Country Boy black powder 50 cal. bolt action gun & scope; Colt Navy 44 cal. replica pistol; Hopkins double action #6 pistol; Derringer black powder pistol; John Wayne pictures; Daisy 856 BB gun; DMH BB gun; Cleca DAG 5/N guitar; Vantage guitar & case; numerous swords & many knives; smoke stand; shovels; rakes; pool table & equip.; Nascar light; binoculars; camera; sewing machine; 8 china cabinets filled with collection of glass baskets; steins; bells; shot glasses; 2 - curved glass china cabinets; green depression dinnerware & extra pcs.; Montgomery Ward 21.2 cu. ft. upright freezer; Kenmore side-by-side refrigerator with water & ice; Kenmore gas range; refrigerator; round Oak table & 6 chairs; corner shelves; corner hutch; mantle clocks; sofa & love-seats; bedroom sets; Cedar chest; 62-Zane Gray books; cookbooks; crock bowls; cookware; sm. appliances; 8 track player & tapes; 2 slot machines; Space Invaders game; Omega card game; fireplace; TVs; quilts; KU items; jewelry; Nascar jackets; dining room table & hutch; Cuckoo clock; old pedal car; Radio Flyer wagon; yard decoration; Stihl chainsaw & trimmer; pitcher pump & more.
TONY & VICKI MCCURDY, SELLERS
VAN SCHMIDT • Auctioneer/Real Estate
7833 N. Spencer Road, Newton, KS 67114
620-367-3800 or 620-345-6879
www.hillsborofreepress.com
Schmidt Clerks & Cashiers / Food Available
TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

Prevent APP from entering your farm

Bryan Myers of Pipestone Veterinary Service has gained quite the experience and wisdom from being a veterinarian for the last 34 years. In those years, he has seen the serious effects of various diseases that have infected the swine industry.

He is now seeing APP, an old disease that has resurfaced after almost 20 years in some of the most hog-dense areas of the Midwest.

APP, also known as Actinobacillus Pleuropneumonia, is a bacteria that can cause severe

rapid onset death loss and pneumonia-type symptoms in pigs. This disease is not new to the industry and may be recognized by those who have been in the swine industry for some time now. It is becoming more relevant now, due to a recent resurgence main-

ly found in Iowa. This disease can have serious health effects on an entire operation.

APP is often spread from nose-to-nose contact between each pig. It is also known to spread from the people and equipment found on farms. With this

recent discovery, it only reinforces the importance of proper biosecurity and following all health and safety protocols.

While treatment for APP is not necessarily difficult, it is not a quick or cheap treatment. If you have detected this disease within your barn, you will need to act quickly and aggressively if you want to have any chance of stopping it. You will need to treat each pig with antibiotics. Fortunately, APP does respond to commonly used antibiotics.

Since APP most commonly affects pigs clos-

er to market weight and older in age, the economic impact can be severe. Treatment is also more expensive due to having to treat each individual pig with antibiotics, therefore costing your operation more time and money.

If a farmer suspects APP on their farm, they should immediately call a veterinarian to receive a preliminary diagnosis. The veterinarian will then send tissues to conduct a laboratory diagnosis. During this time, you will need to work quickly to treat each individual pig.

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: 8/17/22. Total Head Count: 2,580.
Cows: \$57-\$92; Bulls: \$105-\$112.50.

HEIFERS		STEERS	
12 bkbwf	572@186.50	6 bkbrf	481@213.00
11 bkbwf	573@182.50	12 blk	536@227.00
24 mix	595@180.00	42 bkbwf	527@223.75
11 mix	573@177.00	18 mix	580@211.50
79 mix	656@177.85	27 mix	520@191.00
6 blk	623@177.50	11 bkbwf	622@213.00
16 mix	667@176.00	19 bkbwf	614@211.00
8 blk	631@165.00	16 mix	668@210.00
23 bkbwf	717@178.00	5 bkbwf	631@205.00
100 bkbwf	709@177.25	19 mix	683@203.00
17 bkbwf	719@176.00	7 mix	606@194.75
13 blk	727@175.50	15 mix	681@173.00
18 blk	758@175.25	8 mix	717@195.75
6 mix	704@175.00	22 mix	731@195.75
10 mix	736@174.25	7 mix	720@188.50
23 mix	792@173.50	17 bkbwf	757@188.00
20 blk	781@172.50	73 bkbwf	758@188.00
10 wf	732@172.00	22 bkbwf	762@184.25
8 mix	783@172.00	16 bkbwf	738@183.50
78 mix	796@171.50	35 bkbwf	786@182.50
19 mix	768@170.00	63 blk	798@180.50
5 bkbwf	766@169.00	77 mix	853@186.60
31 mix	772@166.50	15 bkbwf	819@185.00
6 bkbwf	712@165.00	40 mix	846@184.00
6 bkbwf	835@174.50	11 mix	876@184.00
61 bkbwf	835@174.50	16 mix	815@183.50
57 mix	824@173.00	6 blk	815@180.50
36 mix	801@172.00	10 Char	833@178.50
89 blk	835@171.00	12 mix	803@178.00
5 mix	817@170.00	12 bkbwf	805@177.00
99 mix	830@168.75	60 Red	850@177.00
6 blk	820@167.00	43 mix	877@175.00
41 mix	898@162.50	7 blk	893@173.50
5 blk	817@162.00	13 blk	903@171.50
8 mix	810@161.00	45 bkbwf	903@177.75
61 mix	930@167.50	6 blk	906@176.50
34 mix	908@167.25	37 bkbwf	914@173.00
57 mix	929@164.75	13 mix	947@169.00
6 blk	926@163.00	57 mix	988@169.00
5 blk	1034@153.00	28 Red	970@168.75
		5 mix	976@167.50
		52 mix	971@167.00
		10 mix	971@167.00
		10 mix	1010@169.25

EARLY CONSIGNMENTS FOR AUG 24
MANY CATTLE CONSIGNED,
CHECK WEBSITE FOR COMPLETE LIST!

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!
YOUR BUSINESS IS ALWAYS APPRECIATED!

For Cattle Appraisals Call:
BRODY PEAK, 620-343-5107 GLENN UNRUH, 620-341-0607
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

GRASS & GRAIN

is on **facebook**

JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from August 17th, 2022

STEERS		HEIFERS	
1	435	6	452
5	547	3	573
15	649	7	644
8	669	10	732
4	721	14	720
14	796	33	832
122	858	20	833
65	779		
15	872		
60	986		
5	975		

NO TEST ON BRED COWS,
PAIRS, OR FAT HOG TOP

EARLY CONSIGNMENTS FOR AUG. 24

- 40 blk X str/hfrs.....500-650#, w.v..... R Bacon
- 140 blk x str.....775-850#, yrlds.....HCC
- 44 mix str.....725-750#, yrlds.....S. Mills
- 53 blk X hfrs.....775-800#, yrlds.....S. Mills
- 10 blk X hfrs.....725-775#, yrlds.....D. Hammond
- 20 Angus hfrs.....600-750#, w.v., repl. quality.....Munson Ang.

PLUS MORE BY SALE TIME!

**STARTING SEPTEMBER 1ST, HOGS WILL ONLY
BE SOLD THE 1ST WEDNESDAY OF THE MONTH!
CALL WITH QUESTIONS: 785-238-1471**

**FIRST SPECIAL FALL CALF SALE:
MON., OCT. 10 @ 6:30 P.M.**

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 August 16th, 2022

Light run of calves & yearlings but all classes finding a very active market.	TOP BUTCHER COW: \$89.00 @ 1665 LBS.
	TOP BUTCHER BULL: \$121.50 @ 2060 LBS.
	PAIRS FROM: \$1425

**EARLY CONSIGNMENTS FOR AUG. 23
SEE FACEBOOK PAGE FOR CONSIGNMENTS!**

**SPECIAL ANNIVERSARY SALE
TUES., AUGUST 30 @ 11:00**

- 20-8 blkX Fall pairs & bred cows, 3-6 yrs old
- 7-3 blkX Fall pairs & bred cows, 4-9 yrs old
- 40 AngX str/hfrs, 475-575#, o.c. • 14 AngX str/hfrs, 700-800#, w.v.
- 25 blkX str/hfrs, 550-650#, w.v. • 28 blkX str/hfrs, 600-750#, w.v.
- 45 blkX str/hfrs 500-650#, w.v. • 50 AngX str/hfrs, 600-760#, w.v.
- 180 blkX str 850-925#, w.v., off gr. • 135 blkX str 875-925#, w.v., off gr.
- 120 blkX str 775-875#, w.v., off gr. • 10 blkX str 800-850#, w.v., off gr.
- 20 bwf & nwf str, 500-750#, w.v. • 25 blk X str, 825-875#, yrlds

PLUS MORE BY SALE TIME! Questions: Lynn 785-761-5813 or Barn at 785-632-5566
On behalf of the Langvardt Family, we would like to THANK YOU for your business and friendship! We look forward to working with all of you in the future and hope you enjoy your day at Clay Center Livestock Sales Inc.

**SHEEP AND GOAT SALE
SAT., SEPTEMBER 3RD**

**NO SALE TUES., SEPT. 6
Due to Labor Day Holiday**

Clay Center, Ks • Barn Phone 785-632-5566
Clay Center Field Representatives:
Tom Koch, 785-243-5124 Lance Lagasse, 785-262-1185

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

JUNCTION CITY, KANSAS • Barn Phone 785-238-1471
Seth Lauer 785-949-2285, Abilene

	KARL LANGVARDT Cell: 785-499-2945	MITCH LANGVARDT Cell: 785-761-5814	LYNN LANGVARDT Cell: 785-761-5813	
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LAND AUCTIONS

Online Bidding via Proxibid

For complete sale bills, aerial maps, soil maps, pictures, and register for online bidding, call or visit our website! www.horizonfarmranch.com

160 Acre +/- pasture for sale!

UNDER CONTRACT!

Deer & Turkey season is right around the corner! Let us sell your hunting property while it's in season!

Auction season is upon us!
Call today to Book Your Auction!
Now Providing Personal Property Auction Services!

770 Acres +/- Dickinson and Saline County

Total of 8 tracts:
Creek Bottom Tillable, Upland Tillable, Excellent Hunting

Auction will be held Thursday, September 1, 2022 at 7:00pm at Sterl Hall, 619 N. Rogers St. Abilene, KS. Tracts include:

- Tract 1: NW/4 of NE/4 of Section 4-15-2 DK Co. 43 Ac +/-
- Tract 2: N/2 of NE/4 of Section 27-14-2 DK Co. 78 Ac +/-
- Tract 3: NW/4 of Section 34-14-2 DK Co. 134 Ac +/-
- Tract 4: NE/4 of SW/4 & S/2 of NW4 Sect 11-15-2 DK Co. 119 Ac +/-
- Tract 5: W/2 of NE/4 of Section 28-14-2, DK Co. 80 Ac +/-
- Tract 6: W/2 of SE/4 of Section 33-14-1, DK Co. 80 Ac +/-
- Tract 7: NW/4 of Section 16-15-1 Dk Co. 156 Ac +/-
- Tract 8: N/2 of SW/4 of Section 12-16-1 SA Co. 80 Ac +/-

Seller:
Leroy Hoffman, Jr Trust, Dorothy M. Hoffman Trust,
Advantage Trust Co., Trustee

Listings

Announcements day of auction take precedence. Horizon Farm and Ranch LLC and it's agents are Seller Agents in above transactions.

Horizon Homes

<p style="text-align: center; color: blue;">Ag Land</p> <p>750 Ac +/- Pasture I-70/Ellsworth Exit. Ray!</p> <p>65 ac +/- Tillable E of Solomon. Derek!</p> <p>160 ac +/- Pasture S of Longford. Under Contract!</p>	<p>2552 Hwy 15, Abilene, PENDING!</p> <p>28 Ac +/- Build site at Burma Rd. & Parsons Rd. Rural water available. Can be split. Call Derek!</p> <p>40 Ac +/- Build Site JC, Call Ray!</p>
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Commercial ~ Minneapolis Lumber Yard ~ Bennington Liquor Store ~ Call Ray!

*Auctions *Private Treaty Sales *Value Assessments More listings on Website!

Ray Swearingen Broker/Owner ... 785.452.8498

Lucas Hamm.....	785.366.3580
Ty Bryant.....	785.366.0261
Billy Randle.....	785.479.1152
Derek Isaacson.....	785.452.0566
Rachelle Swearingen.....	785.452.5115
Sheila VanWinkle Corn.....	785.280.0915
Samantha Swearingen.....	785.577.9878
Clint Heller.....	785.545.5737

Governor kicks off 2022 Kansas Agricultural Growth Summit

Governor Laura Kelly kicked off the seventh annual Kansas Governor's Summit on Agricultural Growth last week, a meeting of more than 400 leaders representing a variety of agricultural interests across the state of Kansas.

"The Kansas Ag industry is the lifeblood of this state, and I'm grateful for the opportunity today to celebrate their accomplishments and the critical goods and services they provide to our communities, our state, and our world," said Kelly. "Given we saw record-breaking agricultural exports last year, I've never been more confident in the agriculture community's ability to lead our state toward continued success."

Kelly touted the importance of the industry to Kansas: In 2021, agriculture contributed nearly \$70 billion to the Kansas economy and fueled nearly 240,000 jobs - 12% of



Governor Laura Kelly gave remarks to open the seventh annual Kansas Governor's Summit on Agricultural Growth in Manhattan.

Photos by Donna Sullivan

Kansas' workforce. Earlier this year, she announced that Kansas exported \$5.35 billion of agricultural goods - the most in the state's history.

At the conference, attendees spent their morning attending breakout sessions focused on specific agricultural sectors

including traditional agricultural areas like beef, pork, corn, and wheat, as well as sectors such as specialty livestock, agricultural technology, and cotton. Since the first Ag Growth Summit in 2016, these sectors have worked to identify strategies for driving growth in their sectors.

"Many of the initiatives that we have seen realized in recent years were born at previous Kansas Ag Growth Summits," said Secretary of Agriculture Mike Beam. "As leaders from across all sectors of agriculture engage in active discussion about how we can move this indus-



Kansas ag secretary Mike Beam gave opening remarks as well, and also recognized the 2022 Kansas Ag Heroes to close out the Summit.

try forward, we know that collaboration benefits the entire state of Kansas."

The afternoon session included a report on the 2022 Ag Workforce Needs Assessment Survey followed by a panel discussion about how agribusinesses can better recruit and retain employees.

Beam closed the conference by recognizing the 2022 Kansas Ag Heroes, with a special tribute to

the many individuals and organizations who stepped up to help with the wildfires that devastated many parts of the state this year.

For more about the 2022 Kansas Ag Growth Summit and the full Ag Growth Project - including materials shared in the day's sessions and a full list of the Kansas Ag Heroes - visit www.agriculture.ks.gov/GrowAg.

USDA reminds Kansas livestock producers of drought assistance now available

USDA's Farm Service Agency (FSA) reminds drought-impacted producers in Kansas that they may be eligible for assistance through the Emergency Assistance for Livestock, Honey Bees, and Farm-Raised Fish Program (ELAP).

ELAP provides financial assistance for water transportation and for above normal costs of transporting feed to livestock or transporting livestock to forage/grazing acres. To be eligible for assistance, the county must be rated by the U.S. Drought Monitor as having a D2 (severe drought) intensity for at least eight consecutive weeks during the normal grazing season, or D3 or D4 drought intensity at any time during the normal grazing period.

Transporting Water
Producers must be transporting water to eligible livestock on eligible grazing land where adequate livestock watering systems or facilities were in place before the drought occurred and where water transportation is not normally required. ELAP covers costs associated with personal labor, equipment, hired labor, and contracted water transporta-

tion fees. Cost of the water itself is not covered. ELAP covers \$0.07 per gallon to transport water.

Transporting Feed
ELAP provides financial assistance to livestock producers who incur above normal expenses for transporting feed to livestock during drought. The payment formula excludes the first 25 miles and any mileage over 1,000 miles. The reimbursement rate is 60% of the cost above what would normally have been incurred during the same time period in a normal (non-drought) year.

Livestock feed that is transported to livestock located on land enrolled in the Conservation Reserve Program (CRP) is eligible if the producer has an approved conservation plan with acceptable grazing practices developed in coordination with the Natural Resources Conservation Service.

The payment rate to transport feed is \$6.44/loaded mile for expenses above what would have normally been incurred.

Transporting Livestock
ELAP provides financial assistance to livestock producers who are hauling livestock to a new location for feed resources

due to insufficient feed or grazing in drought-impacted areas. As with transporting feed, the payment formula for transporting livestock excludes the first 25 miles and any mileage over 1,000 miles. The reimbursement rate is 60% of the costs above what would normally have been incurred during the same time period in a normal (non-drought) year.

The payment rate to transport livestock is \$6.44/loaded mile for expenses above what would have normally been incurred and covers hauling livestock one-way, one haul per animal reimbursement and no payment for "empty miles."

An online tool is now available to help ranchers document and estimate payments to cover feed and livestock transportation costs caused by drought. Download the tool and view the demonstration video at farmers.gov.

More Information
Producers interested in ELAP assistance can contact their local USDA Service Center to learn more or to apply for programs.

Additional disaster assistance information can be found on farmers.gov, including the Farmers.gov Drought Webpage, Disaster Assistance Discovery Tool, Disaster-at-a-Glance fact sheet, and Farm Loan Discovery Tool.

School cooking labs feature beef

High school students across Kansas and Kansas City are encountering science-based facts about beef production in their classrooms, thanks to the checkoff-funded Beef Certificate Program. The initiative equips family and consumer sciences food classes and ProStart programs with funds to purchase beef to use in classrooms and lesson plans to guide teachers and students through discussions on all facets of beef production.

The Beef Certificate Program reached more than 15,000 students in more than 100 middle and high schools for 44 Kansas counties during the 2021-2022 school year. Reimbursement in ProStart programs allows the curriculum to also reach students who have expressed strong interest in the restaurant and foodservice industry.

"The Beef Certificate Program is an invaluable resource for educators and students alike," said Kansas Beef Council director of nutrition Abby Heidari. "Educators and consumers often turn to one-sided documentaries to learn about beef production. Thanks to this checkoff-funded resource, students and educators are receiving the true story about beef production, while also learning how to prepare beef at home."

For more information, visit www.kansasbeef.org/beef-hub.

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, AUGUST 16, 2022
RECEIPTS: 1341 CATTLE
FOR FULL RESULTS, VISIT OUR WEBSITE:
WWW.HOLTONLIVESTOCK.COM

STEERS	8 blk red Fairview 844@177.00
5 blk bulls Cummings 356@231.00	18 blk bwfDenton 734@176.00
4 blk Tonganoxie395@228.00	10 blk rwfHolton 701@174.50
4 blk Cummings 485@220.00	8 red rwf Havensville850@170.00
6 blk Nortonville503@216.00	
32 blk Holton 606@214.75	HEIFERS
13 blk bwf Netawaka 591@214.50	4 blk bwf Cummings337@205.00
30 blk Hoyt 589@212.00	3 blk Lancaster 375@202.00
16 blk Mayetta 620@209.75	21 blk Hoyt 535@197.00
13 blk red Fairview 656@209.00	14 blk red Netawaka 578@193.00
47 blk Fairview 656@209.00	4 blk Mayetta 611@191.50
10 blk Meriden 663@207.00	5 blk Sabetha 654@188.00
36 blk red Netawaka 703@200.10	14 blk bwf Meriden 611@187.75
41 blk red Holton 730@200.00	31 mix Hoyt 634@184.50
33 blk Mayetta 711@198.50	19 red blk Netawaka 706@184.00
59 blk Holton 810@186.35	31 blk red Corning 724@180.50
99 blk Holton 841@184.85	15 blk Mayetta 697@177.75
62 blk Holton 898@180.50	7 blk Troy 832@160.75
	7 blk Atchison 987@141.00

Dan Harris, Auctioneer & Owner • 785-364-7137
Danny Deters, Corning, Auct. & Field Rep • 785-336-1622
Dick Coppinger, Winchester, Field Rep. • 913-683-5485
Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417
Larry Matzke, Wheaton, Field Rep. • 785-268-0225
Craig Wischropp, Horton, Field Rep. • 785-547-5419
Mark Servaes, Atchison, Field Rep. • 816-390-2549
Barn Phone • 785-364-4114
WEBSITE: www.holtonlivestock.com
EMAIL: dan@holtonlivestock.com

View our auctions live at "lmauctions.com"

Central Livestock
811 N. Main St.
South Hutchinson, KS
www.centrallivestockks.com

Clint and Dalli Turpin ~ Owners
Office: 620-662-3371

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

Tues., Aug. 30th - NO SALES
Tues., Sept. 6th - NO SALES
Sat., Sept. 10th - Horse & Tack Sale
Tues., Sept. 13th - Calf/Yearling Special
ALL WEIGH COWS & BULLS SELL AT THE END

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 8-18-22. 1370 head
300-400 lb. steers, \$191-\$223; heifers, \$165.50-\$188; 400-500 lb. steers, \$180-\$220; heifers, \$160-\$195; 500-600 lb. steers, \$173-\$213; heifers, \$141-\$186; 600-700 lb. steers, \$167-\$205.50; heifers, \$158-\$177.75; 700-800 lb. steers, \$162.50-\$190.50; heifers, \$146-\$175; 800-900 lb. steers, \$148-\$183.85; heifers, \$131-\$161.50; 900-1000 lb. steers, \$139.00-\$164.50. **Trend on Calves:** Mostly steady to firm on a lighter supply. **Trend on Feeder Cattle:** Steady on a lighter supply. **Butcher Cows:** High dressing cows \$78-\$89.50; Avg. dressing cows \$67-\$77; Low dressing cows \$55-\$66. **Butcher Bulls:** Avg. to high dressing bulls \$85-\$110.50. **Trend on Cows & Bulls:** Fully steady

Some Highlights Include:

HEIFERS	STEERS
3 char 388@187.00	9 char 360@223.00
13 blk 446@193.00	8 char 451@217.00
30 blk 526@186.00	7 mix 519@206.00
4 blk 599@177.00	20 blk 638@202.00
5 blk 683@177.75	17 mix bawlers711@177.50
5 mix 826@158.00	189 blk 760@190.50
11 blk 868@161.50	25 mix 822@183.25
	62 mix 865@178.50
	16 mix 880@166.00

Next Sale: Thursday, August 25
Expecting a GOOD RUN!
GO TO OUR WEBSITE FOR DAILY CONSIGNMENT UPDATES
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
To stay up to date on our latest announcements you can "Like" us on Facebook

Josh Mueller Owner/Barn Manager (316) 680-9680	Van Schmidt Auctioneer/Fieldman (620) 345-6879
Seth Greenwood Asst. Barn Manager/Fieldman (620) 583-3338	Barrett Simon Auctioneer/Fieldman (316) 452-1792
Kyle Cregger, Fieldman, (620) 330-3300	

Cattle Sale Every Thursday 11:00 AM

PASTURE / FARMLAND
AUCTION
WEDNESDAY, SEPTEMBER 28, 2022 — 7:30 PM
Auction to be held at the Wamego Sr. Center — **WAMEGO, KANSAS**

146 Acres m/l of Highly Productive Northern Pottawatomie County, KS Land

Property located 1 mile south of Hwy 16 at Onaga on Victory Rd. Property is on the west side of the road. **LOOK FOR SIGNS.**

Legal Description: NE/4 10-7-11. Consists of 116 acres grass m/l. Primarily native grass w/some cool-season grasses in the low laying areas. Three ponds are located strategically to ensure even grazing. Perimeter fences that go w/this property are 5 wire and in very good condition. An older set of pens. Also contains 30 m/l acres of broke farmland. Fields lay low along the bottom and appear quite fertile. Several wet spots appear in the north portion during wet years such as 2022.

Auctioneer's Notes: This is one of the very nicest quarters in the area with possibilities to either expand an operation or to invest in very productive land. The pasture is extremely free of brush - cattle can't hide from you in this pasture! Great opportunity! *Hope to see you at the Auction*

SELLER: DOUG & DELLA BRACKENBURY

Terms: 10% earnest money the day of the auction with the remainder at closing on or before Oct. 27, 2022. Title insurance and escrow fees to be shared equally. The sale is not contingent on financing and all inspections should be conducted prior to the auction at bidder's expense. Murray Auction & Realty is acting as an agent for the Seller. All information obtained from sources deemed to be reliable, but not guaranteed. Statements made day of auction take precedence over printed material.

MURRAY AUCTION & REALTY
Steve Murray, Broker/Auctioneer • 785-556-4354
www.murrayauctionandrealty.com

Eureka Livestock Sale
P.O. Box 267 Eureka, KS 67045
620-583-5008 Office 620-583-7475

Sale Every Thursday at 11:30 a.m. Sharp

Like Us On Facebook!

On Thursday, August 18 we had 1,096 head of cattle on an active market.

STEERS	26 mix.....711@179.50	13 bkRd..675@177.50
2 blk.....398@219.00	10 bkRd..810@179.25	10 blk.....642@176.50
2 blk.....485@218.00	16 bkChr 782@178.50	9 bkRd....718@174.50
9 bkRd....544@210.00	20 blk.....918@177.00	22 bkbwf 588@174.50
10 bkbwf 636@209.50	16 mix.....810@175.00	18 mix.....679@174.00
23 bkbwf 589@208.50	11 mix.....795@173.75	13 bkChr 738@172.00
11 bkbwf 672@197.50		5 bkbwf ..715@169.25
9 blk.....577@195.00	8 bkbwf ..422@200.00	44 bkbwf 808@168.70
15 bkRd..667@194.50	9 bkbwf ..509@190.50	12 mix.....730@168.00
35 bkbwf 674@193.00	14 bkRd..488@184.50	12 bkbwf 778@166.00
8 bkRd....674@189.00	12 bkbwf 593@183.00	7 bkbwf ..893@164.75
12 bkRd..735@187.00	3 bkbwf ..650@182.50	4 bkbwf ..996@152.50
7 blk.....738@182.00	5 bkbwf ..579@180.00	7 bkbwf 1023@144.50
24 wfx648@180.25	27 bkbwf 638@179.00	9 bkbwf 1017@142.00
21 bkbwf 776@179.75	13 bkRd..644@178.50	2 bkbwf 1268@119.00

Butcher Cows: \$56-\$89.50, mostly \$75-\$85, very active, steady to higher.
Butcher Bulls: \$84-\$119, mostly \$100-\$110, very active, \$3-\$4 higher.

BUTCHER COWS	1 Char 1210@88.00
1 blk 1630@89.50	BUTCHER BULLS
1 bwf 1435@89.00	1 blk 2000@119.00
1 Red 1465@89.00	1 blk 1815@117.00
1 blk 1790@89.00	1 blk 1690@117.00
1 blk 1445@88.00	1 Brang 1680@113.00
1 rbf 1585@88.00	1 blk 1865@110.50
1 blk 1550@88.00	1 blk 1485@108.00
1 blk 1510@88.00	1 Char 1760@106.00

EARLY CONSIGNMENTS FOR AUGUST 25

- 70 blk bwf cows, 3-6 yrs, bred to Ang bulls, start calving Sept. 1. Very fancy all home raised from Jacot Ranch, Moline, KS.
- 30 mostly blk cows, 4-8 yrs old, start calving Sept. 1, bred to Ang bull, complete dispersal. From Barton Farms, Moline, KS.
- 25 bk bwf cows w/ 7 calves at side, Bal. heavy springers. Bred to Ang bull, complete dispersal.
- 40 kbwfrfb cows, 8-10 yrs old, heavy Springers, bred to Ang bull, start calving Sept. 1.
- 120 mix str, 650-800#, longtime, just running out thin flesh.
- 20 Red Angus str & hrs, 400-600 lbs., off the cow.
- 40 blk Red str & hrs, 600-800#, weaned & vac.

SPECIAL STOCKER FEEDER CALF SALE
SEPTEMBER 15

- 500 Fancy Ang & bwf str & hrs, 700-900#, all home raised, longtime weaned & triple vac.

We appreciate your business!

Ron Ervin - Owner-Manager
Home Phone - 620-583-5385
Mobile Cell 620-750-0123

Austin Evenson Fieldman
Mobile Cell 620-750-0222

If you have any cattle to be looked at call Ron or Austin

Fly control, drone technology highlight Thayer field day

The importance of fly management, utilizing drones to spray crops and the advantages and disadvantages of aerial seeding cover crops all were issues discussed during the August 16 KLA/Kansas State University Ranch Management Field Day. Nearly 100 attended the event, which was hosted by Newland Farms near Thayer.

Cassandra Olds, assistant professor of veterinary entomology at K-State, gave an overview

of the economic damage caused by flies due to blood loss in cattle, a decline in production, hide damage and the transmission of pathogens. Olds said stable flies, hornflies and face flies often are the focus of control measures, but houseflies have proven to be equally concerning.

"If you think about these houseflies and how they move throughout the day, they come into contact with a lot of different surfaces that are other-

wise geographically separated," she said. "They can feed on the animal feed, land on the animals themselves, move to the water areas and feed on the manure. This gives them the chance to pick up and move bacteria from all these different places."

Olds explained that good sanitation is essential for control as Kansas has some of the most chemical-resistant house fly populations in the U.S. This can include making

sure feeding sites are kept clean and having a sound manure management program in place. Olds said getting rid of the adult flies is important, but getting rid of the places where they breed is more important.

Alex Bennett with Agri Spray Drones was on hand to provide a demonstra-

tion of how drone technology can be used for pasture and crop spraying. He said using drones for application can be a cheaper option. The T30 sprayer drone Bennett had on hand would support about 30 to 35 acres per hour. It also requires little to no maintenance and can

be used to spot-spray. In addition, a panel discussion was held on the use of aerial seeding for cover crops. This topic will be covered more in-depth in the October issue of the *Kansas Stockman*. The field day was sponsored by the Farm Credit Associations of Kansas and Huvepharma.

Grass & Grain Weather Report

Aug. 24, 2022

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																
WEDNESDAY Mostly Sunny High: 88 Low: 65 THURSDAY Mostly Sunny High: 87 Low: 66 FRIDAY Few Showers High: 89 Low: 65 SATURDAY Partly Cloudy High: 90 Low: 68 SUNDAY Few Showers High: 88 Low: 64 MONDAY Mostly Sunny High: 85 Low: 63 TUESDAY Sunny High: 82 Low: 58	Today we will see mostly sunny skies, high of 88°, humidity of 47%. Southeast wind 1 to 5 mph. The record high for today is 129° set in 2007. Expect mostly clear skies tonight, overnight low of 65°. Southeast wind 2 to 5 mph. The record low for tonight is 49° set in 2015. Last Week's Almanac <table border="1"> <thead> <tr> <th>Date</th> <th>H/L</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>8/12</td><td>95/59</td><td>90/66</td><td>0.00"</td></tr> <tr><td>8/13</td><td>102/69</td><td>90/66</td><td>0.00"</td></tr> <tr><td>8/14</td><td>96/71</td><td>90/66</td><td>0.00"</td></tr> <tr><td>8/15</td><td>97/72</td><td>90/65</td><td>0.00"</td></tr> <tr><td>8/16</td><td>69/68</td><td>90/65</td><td>0.23"</td></tr> <tr><td>8/17</td><td>85/64</td><td>90/65</td><td>0.00"</td></tr> <tr><td>8/18</td><td>89/60</td><td>89/65</td><td>0.00"</td></tr> </tbody> </table> Rainfall 0.23" Normal rainfall 1.06" Departure -0.83" Average temp. 78.3° Average normal. 77.6° Departure +0.7°	Date	H/L	Normals	Precip	8/12	95/59	90/66	0.00"	8/13	102/69	90/66	0.00"	8/14	96/71	90/66	0.00"	8/15	97/72	90/65	0.00"	8/16	69/68	90/65	0.23"	8/17	85/64	90/65	0.00"	8/18	89/60	89/65	0.00"																	
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UPCOMING SPECIAL ISSUES

Kansas State Fair Issue - August 30th
Fall Harvest (4-week series) - September 6th
Fall Full of Bullz - September 13th
G&G Farm & Ranch Show - November 1st
Soil Health - November 8th
Wichita Farm Show - November 29th
Christmas Greetings Special - Dec. 20th

DEADLINES:

Kansas State Fair - August 24th, before Noon
Fall Harvest - August 31st, before Noon
Fall Full of Bulls - September 7th, before Noon
G&G Farm & Ranch Show - Oct. 26th, before Noon
Soil Health - November 2nd, before Noon
Wichita Farm Show - November 23rd, before Noon
Christmas Greetings - Dec. 14th, before Noon

To advertise in these or future special issues, contact your GRASS & GRAIN sales rep:



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 - Sales Representative -
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 Office: 785-539-7558



Donna Sullivan
 - Managing Editor -
gangeditor@agpress.com
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Sell At St. Marys

Cattle By Auction STARTING TIME 10:30 AM Tuesdays

We sold 2151 cattle August 16. There was a very nice run of home raised calves in good demand at sharply higher prices. Feeder steers and heifers sold \$5.00-10.00 higher. Cows and bulls were steady to \$3.00 higher.

STEER CALVES		HEIFER CALVES	
4 blk str	403 @ 237.00	15 blk/char str	694 @ 196.50
4 blk str	424 @ 237.00	203 blk/red str	727 @ 195.00
2 blk/bwf str	300 @ 236.00	18 blk str	745 @ 191.50
9 blk/char str	229 @ 233.00	31 blk str	761 @ 189.50
19 blk str	466 @ 228.00	32 blk/red str	778 @ 186.50
5 blk/char str	505 @ 223.00	195 blk/red str	797 @ 185.00
3 blk str	533 @ 222.00	120 blk/char str	836 @ 181.75
18 blk/bwf str	482 @ 212.00	120 blk/red str	888 @ 181.25
10 blk str	493 @ 212.00	49 blk/bwf str	790 @ 179.00
		60 mix str	928 @ 169.75
		61 mix str	929 @ 169.00

STOCKER & FEEDER STEERS		COWS & HEIFERETTES	
33 blk str	593 @ 220.50	1 blk cow/cf	@ 925.00
14 blk str	603 @ 220.50	1 blk bred cow	@ 900.00
6 blk/bwf str	592 @ 219.00	1 blk hfrt	1005 @ 118.00
5 blk/bwf str	586 @ 216.50	1 blk hfrt	1130 @ 115.00
22 blk str	582 @ 215.50	2 blk hfrts	1060 @ 114.00
7 blk/red str	599 @ 215.00	1 blk hfrt	1125 @ 109.00
4 blk str	595 @ 213.00	1 blk cow	1205 @ 97.00
10 blk/bwf str	638 @ 212.75	1 blk cow	1270 @ 94.00
5 blk str	599 @ 212.00		
4 blk str	581 @ 211.00		
156 blk/red str	622 @ 208.00		
76 blk/red str	704 @ 207.00		
22 blk/bwf str	739 @ 206.50		
20 blk/red str	703 @ 202.50		

STOCKER & FEEDER HEIFERS		BULLS	
1 blk cow	1415 @ 92.00	1 x-bred bull	2065 @ 116.00
1 blk cow	1305 @ 87.50	1 wf bull	2505 @ 109.00
1 red cow	1170 @ 86.50	1 red bull	1940 @ 108.50
1 blk cow	1215 @ 85.00	1 wf bull	1805 @ 107.00
1 bwf cow	1295 @ 84.50	1 wf bull	1250 @ 97.00
1 red cow	1285 @ 84.00	2 wf bulls	1240 @ 96.00
1 bwf cow	1345 @ 83.00	1 blk bull	1665 @ 95.00
1 blk cow	1345 @ 84.00	1 wf bull	1365 @ 91.50
1 red cow	1130 @ 79.00	1 wf bull	1125 @ 90.00
1 blk cow	1295 @ 78.00	1 red bull	1675 @ 87.00
1 blk cow	1065 @ 77.00		
1 blk cow	1255 @ 76.50		
1 red cow	1340 @ 76.00		
1 bwf cow	1055 @ 75.50		
1 red cow	1080 @ 75.00		
1 blk cow	1150 @ 74.00		

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR TUESDAY, AUG. 23, 2022:

- 35 blk str & hfrs, 600-700 lbs., vacc.
- 23 Angus steers, 750-800 lbs., off grass
- 182 Hereford steers, 750-850 lbs., off grass
- 50 Hereford hfrs, 700-750 lbs., ocv'd vacc.
- Above home raised from Brainard Cattle Co.
- 400 blk steers, 700-750 lbs., off grass
- 65 blk steers, 800-825 lbs., off grass
- 250 blk steers, 800-850 lbs., off grass
- 130 blk steers, 875-900 lbs., off grass
- 120 blk steers, 875-900 lbs., northern origin
- 110 blk steers, 850-900 lbs., off grass
- 119 blk xbred steers, 850-900 lbs., off grass

CONSIGNMENTS FOR TUESDAY, AUG. 30, 2022:

HERD DESPERSAL

- 45 mostly blk cows, 3-8 yrs old bred blk bulls turned in May 1st
- 45 blk str & hfrs calves, 250-400 lbs., off above cows
- 150 blk bwf str & hfrs, 550-750 lbs., weaned, vacc., home raised
- 130 blk str, 875-900 lbs., northern origin off grass

Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to www.grassandgrain.com & logging onto the online subscription

FOR INFORMATION OR ESTIMATES:

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DENNIS REZAC	ST. MARYS, 785-437-6349	LYNN REZAC	ST. MARYS, 785-456-4943
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