#### Grass & Grain, July 6, 2021 Page 13

### Governor Kelly celebrates \$750,000 grant award to improve water quality in Kansas

Governor Laura Kelly visited the farm of Henry and Tracy Hill near Holton recently to celebrate the U.S. Environmental Protection Agency awarding \$750,000 to the Kansas Department of Health and Environment as part of its Farmer to Farmer grant program

KDHE is one of 11 organizations sharing nearly \$11 million total in Farmer to Farmer grant funding, which will be used to support soil health, habitat, resilience, and peerto-peer information exchange among farmers to improve water quality and protect Kansans' health.

"We owe it to our kids, grandkids, and all future generations of Kansans to leave our state better than we found it," Kelly said. "This grant will allow Kansas farmers to balance the need to increase agricultural productivity with the need to take care of our planet. I want to thank the EPA for its partnership and KDHE for working with our communities to distribute these funds that will improve water quality in Kansas and protect our environment.'



Governor Laura Kelly visited the farm of Henry and Tracy Hill hear Holton to celebrate a \$750,000 award from the EPA that will be used to support soil health, habitat, resilience, and peer-to-peer information exchange among farmers to improve water quality. Courtesy photo

While farmers are working in watersheds to produce food, fuel, and fiber, they are also managing challenges across the landscape to minimize pollution occurring from a variety of locations known as "non-point sources," specifically the excess nitrogen and phosphorous that can enter water bodies through runoff or soil erosion. Farmers are often

the first line of action in reducing non-point source pollution and have developed innovative practices and models to share their knowledge with others.

"The Kansas Department of Health and Environment is excited to be part of the Farmer to Farmer Program and the opportunities this initiative will bring to our state's environment," Dr. Lee Norman, KDHE secretary, said. "By providing our farmers with the coaching to facilitate regenerative agriculture adoption across the Kansas landscape, we can increase water holding capacity of our fields and protect the watersheds that we all live in."

"Kansas farmers and ranchers have a strong tradition of conservation that stretches back to the 1930s to fight the Dust Bowl," Kansas Department of Agriculture secretary Mike Beam said. "Locally led

conservation efforts are just as important today as they were then. Innovation, ingenuity, and partnership are crucial to protecting our natural resources while increasing the productivity of our ag-

ricultural systems." "EPA is proud to support the leadership of farmers and their innovative approaches to improve water quality while working to fuel and feed the world," EPA administrator Michael S. Regan said. "EPA is committed to meaningful partnerships with farmers to advance sustainable agriculture practices while creating healthy, clean, and safe environments for all."

"It is critically important that we work with states, nonprofits, the private sector, and farmers to reduce agriculture-related nutrients in our waters," Acting EPA Region 7 administrator Edward H. Chu said. "The Farmer

to Farmer program generates ideas and action by targeting funds on local solutions where we can make the greatest difference. I'm pleased that this funding will go to educate

and empower farmers to implement best practices in their operations to reduce nutrient loads and improve water quality in local watersheds.

#### Investing in genetic testing By Lisa Moser

The saying 'knowledge is power' often rings true in making decisions, and in the case of beef cattle genetic tests, this information can be a powerful tool provided producers know how to interpret the information for the herd, according to a Kansas State University beef cattle geneticist and animal sciences professor.

Speaking on a recent Cattle Chat podcast, Jennifer Bormann said that record keeping is the first step in building and genetic evaluation for the herd.

"Genetic testing is not a substitute for good record-keeping. The best way to make progress in the performance of the herd is to record data to include birth weights, weaning weights and fertility," Bormann said. "Working with a genetic evaluation service provider, such as a breed association, will allow EPDs (Expected Progeny Difference) to be calculated."

In recent years, genetic testing - or genomics - has been developed to the point that samples are taken from the animal and analyzed in a lab for a fee, allowing producers to know the most precise information about the tested animal, Bormann said.

"On its own, a genomic test has limited value, but when it is combined with good record keeping and put into a system that allows you to make genetic predictions, then it is very valuable," Bormann said.

All tests have limitations, she added, so it is important to remember that there are genetic correlations between traits when making herd decisions.

"If we select for one trait, we may be inadvertently changing another trait, which is why data collection is key," Bormann said, "If we have the data, we can select around a negative relationship between the traits."

For producers sorting traits by economic value, Bormann directs them to look to the selection index.

"Selection index uses the actual economic calculations for a trait to help identify which animals will be the most profitable," she said. "The caveat is that each producer must be judicious in selecting the right index to match the goals for their operation."

For example, if a producer sells the calves at weaning time, there is no need to use an index that emphasizes carcass traits, Bormann said.

"By selecting the index that matches your goals, you'll be able to find the best cattle to work in your operation," Bormann said.

To hear the full discussion with Bormann and the Beef Cattle Institute experts, listen in to the Cattle Chat podcast online.



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#### Grass & Grain, July 6, 2021

## Kansas Hay Market Report

For the week ending June 26 hay market prices were steady across the board. Demand remains good for alfalfa, and folks are relieved that lots of hay is getting baled up, although most is going to the grinder hay market. Most producers report they have finished first cutting with good yield but have concerns for second cutting. The past week has seen relief from the blistering 100 plus degree temperatures we had two weeks ago, which expanded the abnormally dry conditions in Kansas. The cooler temps and the receipt of some much-needed precipitation will certainly help the prairie grass. According to the U.S. Drought Monitor for the week of June 22nd, abnormal dryness (D0) increased to near 20%, and no moderate drought (D1) or severe drought (D2) was reported. The National Agricultural Statistics Service (NASS) reports that pasture and range conditions rated 1% very poor, 7% poor, 31% fair, 54% good, and 7% excellent. Join agriculture leaders from across the state for the Kansas Governor's Summit on Agricultural Growth August 25th and 26th. Starting July 1st, we will begin with our online breakout sessions using Zoom. More information about the Summit, including a link to the registration site, can be found at www.agriculture.ks.gov/ Summit. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay



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

#### Southwest Kansas

Dairy alfalfa, ground and delivered, grinding alfalfa steady; movement moderate. Alfalfa: horse, premium small squares 260.00-280.00. Dairy 1.05-1.10/point RFV, Supreme 195.00-250.00.00, Premium 180.00-205.00, Good 155.00-185.00. Stock or Dry Cow 175.00-185.00. Grinding alfalfa 180.00-190.00 with instances at 200.00. Ground and delivered locally to feed lots and dairies, 205.00-215.00 with instances at 230.00-240.00; Grass Hay: large 4x4 squares 95.00-105.00; Sudan: none reported. Wheat straw, none reported. The week of 6/20-6/26, 13,962T of grinding alfalfa and 743T of dairy alfalfa was reported bought/sold.

#### South Central Kansas

Dairy alfalfa, alfalfa pellets, grinding alfalfa, ground/ delivered steady to 5.00 higher; movement slow. Alfalfa: horse, small squares 255.00-275.00. Dairy 1.05-1.10/point RFV, Supreme 195.00-250.00.00, Premium 180.00-205.00, Good 155.00-185.00. Good, Stock cow, 185.00-195.00. Fair/ good grinding alfalfa 160.00-175.00 delivered. New Crop 160.00-175.00 at the edge. Ground and delivered 185.00-195.00 with an instance at 200.00-210.00. Alfalfa pellets: Sun cured 15 pct protein 215.00-225.00, 17 pct protein 220.00-230.00, Dehydrated 17 pct 305.00-315.00. Grass Hay: Bluestem, 3x3 square 100.00-110.00, 3x4 and 4x4 squares none reported, large rounds 70.00-75.00. Brome: none reported. Sudan: none reported. Corn stalks: none reported; Wheat straw: none reported. The week of 6/19-6/26, 6,994T of grinding alfalfa and 250T of dairy alfalfa was reported bought/sold.

#### Southeast Kansas

Dairy alfalfa steady, grinding alfalfa, grass hay steady, movement slow. Alfalfa: horse or goat, 230.00-240.00. Dairy 1.00-1.05/point RFV. Stock cow 155.00-165.00. Fair/ Good grinding alfalfa, large rounds 140.00-160.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 115.00-125.00, good 3x3 squares 100.00-120.00, good, 3x4 and 4x4 squares 90.00-115.00, large



rounds 60.00-70.00. Brome, good, small squares none reported, 3x4 to 4x4 squares 90.00-115.00, large rounds none reported. Wheat Straw: 3x4 and 4x4 squares 60.00-80.00. The week of 6/20-6/26, 2,903T of grass hay was reported bought/sold.

#### Northwest Kansas

Dairy alfalfa, ground/delivered steady, grinding alfalfa steady, movement slow. Alfalfa: Horse or goat, 220.00-230.00. Dairy, Premium/Supreme 1.05-1.10/point RFV. Stock cow, fair/good 165.00-175.00. Fair/good grinding alfalfa, 135.00-145.00 with an instance at 150.00. Ground and delivered, not a large enough sample to report. Sudan, large rounds 60.00-70.00. Wheat straw, large squares none reported.

#### North Central-Northeast Kansas

Dairy alfalfa steady, grinding alfalfa, ground/delivered steady, grass hay mostly steady, movement slow to moderate. Alfalfa: horse, premium small squares, 9.00-10.00/bale. Dairy 1.05-1.10/point RFV, Supreme 195.00-250.00.00, Premium 180.00-205.00, Good 155.00-185.00. Stock Cow, 160.00-170.00. Fair/good, grinding alfalfa large rounds 100.00-120.00, 3x4's 120.00-145.00, Ground and delivered 160.00-170.00. Grass hay: Bluestem, small squares 6.00-7.00/bale, 3x4 to 4x4 squares 90.00-100.00, large rounds 60.00-70.00. Brome, small squares 7.00-8.00/bale, 3x4 to 4x4 squares 105.00-115.00, large rounds 90.00-95.00; Sudan, large rounds, 70.00-85.00. Wheat Straw: none reported. The week of 6/20-6/26, 1,838T of grinding alfalfa and 350T of dairy alfalfa was reported bought/sold.

\*\*\*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.

### Phillipsburg rodeo tickets on sale in person

Tickets for Kansas' Biggest Rodeo went on sale in person at Heritage Insurance in Phillipsburg on July 1. They can be purchased in person or by calling Heritage Insurance at 785-543-2448 during office hours.

They have been on sale online since June 1 for the rodeo, which takes place August 5-7 at the rodeo grounds north of town.

Family night at the rodeo is Thursday, August 5, with kids ages ten and under free, with the purchase of an adult ticket. General admission tickets for adults on Thursday, August 5 is \$15; for kids ages 11-2, it is \$12.

For Friday, August 6 and Saturday, August 7,



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general admission tickets are \$17 for adults and \$13 for children.

Reserved tickets for all performances are \$19 for adults and \$15 for children.

Children ages two and under are free. Handling fees and credit/debit card fees apply.

The rodeo's 92nd edition kicks off nightly at 8 p.m. and will feature rodeo's best personnel and the best fans in the country!

For more information, visit the website (Kansas-BiggestRodeo.com) or call Heritage Insurance at 785-543-2448.

## 2021 Kansas Cowboy Poetry Contest and Youth Roundup is online

Calling all cowboys and cowgirls, or aspiring cowboy poets! The 2021 Kansas Cowboy Poetry Contest is being conducted online, and poets are invited to enter the contest and post videos of them presenting their self-written cowbo poems. Contestants from any state are welcome. Original western-themed poems may be entered in the humorous or serious category. Winners in each category will receive the coveted Governor's Trophy Buckle and award certificates signed by the Governor of Kansas. Entries are due online by July 23, 2021. For more information, go to www. cowboypoetrycontest.com. In addition, a Youth Roundup competition is also being offered online. This contest is for Kansas youth ages 18 or younger only. There is no charge to enter the Youth Roundup. Contestants will be asked to write an original western-themed poem and post a video of their presentation of it online. The top three winners will receive educational scholarships of \$500, \$300, and \$200, in addition to gift cards to leading western wear stores and award certificates signed by the Governor. Youth roundup entries are due online by August 6, 2021. For more information, go to www.cowboypoetryyouthroundup.com. "We are mighty appreciative of the sponsors who make these awards possible," said contest chair Ron Wilson of rural Manhattan. "Many thanks to the Flint Hills Discovery Center Foundation, the Kansas Farm Bureau, and the Kansas and Western Wordsmiths Chapters of the International Western Music Association," Wilson said. Other members of the contest committee are Jeff Davidson of Eureka, Martha Farrell of Towanda, Orin Friesen of Benton, and Brad Hamilton of Hovt.



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#### Grass & Grain, July 6, 2021 Page 15 Abilene rodeo scrapbooks, collages to be sold in honor of 75th anniversary

A part of rodeo history will be for sale in Abilene.

When the annual buckle auction takes place for the Wild Bill Hickok Rodeo on August 2, four scrapbooks commemorating the rodeo from 2005 through 2021 will be up for grabs.

They're the work of Abilene resident Beverly Willcoxon, who has included plenty of information in the books: programs from each year of the rodeo, clippings, newspaper photographs of the rodeo stars, and more.

The books are album-style three-ring note books with protective plastic sleeves that the paper memorabilia has been inserted in, so it can be removed to be viewed.



Scrapbooks commemorating the Wild Bill Hickok Rodeo from 2005-2021 will be auctioned off during the annual buckle auction on August 2. They were created by Beverly Willcoxon of Abilene. Courtesy photo

Each book has four vears of history in it, except for the first book, which has three years (2005-2007).

The books are a continuation of a project Willcoxon completed in 2000, which included the scrapbook-style books,

commemorating the rodeo's history through 2000. Those books were sold at auction then.

She also has two pic-

## **Central Kansas Small Ruminant** Tour scheduled for end of July

On Tuesday, July 27, the Central Kansas Extension District and the Kansas Grazing Lands Coalition will be teaming up to host the Central Kansas Small Ruminant Tour, This event will feature three progressive sheep and goat operations in Ottawa and Saline counties.

Starting at 8:30 a.m., participants will visit Max Trahan at his ranch located southeast of Delphos. Trahan will highlight his commercial goat operation with emphasis on marketing, health, rotational grazing, and facilities. Then, at approx. 10:00 a.m., the next stop will be a couple miles down the road where folks will see multi-species grazing of goats and cattle in a pasture owned by Levi and Jessica Ebert. The Eberts will discuss fencing, economics, water and brush control. From there, the group will gather just north of Tescott, which is home to the Ebert and Ahlquist families. This stop will focus on facilities and general herd management.

A noon lunch is planned at the Lions Community Building in Tescott. At 1:30 p.m., attendees will meet northwest of Bavaria at the headquarters of Weston Dent. Dent has used a variety of forages including native grass, cool season grass, residues, cover crops, and teff to run his flock of sheep and cow herd. He will explain his experimentation with feed resources and other cost-cutting strategies.

Cost of the tour is \$10 per person. Interested participants should register by Tuesday, July 20 at https:// tinyurl.com/CKDTour.

A promotional flyer for the tour which includes addresses of the stops can be found at www.centralkansas.k-state.edu and www.kglc.org under "Upcoming Events." For questions or accommodations, please contact the Central Kansas Extension District at (785) 309-5850.

## Kansas CattleWomen scholarships awarded

Five students have received Kansas CattleWomen (KCW) \$1,000 scholarships through the Kansas Livestock Foundation (KLF). All will be attending Kansas State University this fall.

Olivia Crist of Abilene is the daughter of Steve and Jill Lang. She will

be a freshman. Alyssa Kern, the daughter of John and Lisa Kern from Washington, also will be a freshman. Molly Mc-Clure of Hugoton will be a freshman this fall. She is the daughter of Ben and Lalane McClure. Kara Riffel is the daughter of Beth Gaines and James Riffel. She is from Westmoreland and will be a freshman. Sydnee Shive from Mount Hope will be a senior in the fall. She is the daughter of Dawn and Allen Shive.

These scholarships are made possible through proceeds from the KCW Silent Auction held during the annual KLA Convention. To be eligible, applicants must be graduates of Kansas high schools attending in-state community or senior colleges and pursuing degrees in dietetics, food safety, agriculture or a related field.

U.S. dairy exports to Southeast Asia can expand, if processors add versatility

U.S. milk production continues to increase faster than domestic demand, raising the need for export market growth. And Southeast Asia, with an expanding population and rising middle class, remains the biggest growth opportunity for U.S. dairy exporters. However, matching ample U.S. milk supplies with increasing demand in Southeast Asia will require U.S. processors to invest in manufacturing technology to meet the product needs of an ethnically and economically diverse consumer base. According to a new report from CoBank's Knowledge Exchange, rapid urbanization across Southeast Asia has raised per capita incomes and will lead to increased protein consumption as consumers seek healthier foods and beverages, including an array of dairy products and ingredients.

nomic diversity throughout Southeast Asia means U.S. processors must offer a diverse product mix to compete," said Tanner Ehmke, lead dairy economist with CoBank. "In the skim milk powder (SMP) market that accounts for the bulk of dairy imports into Southeast Asia, processors need to offer lowheat SMP at a lower price point for the millions of lower income consumers.

as wealthier consumers increasingly desire protein sports drinks and products for babies and toddlers, demand for whey protein concentrate will continue to rise.

With much of Southeast Asia lacking a refrigerated supply chain and consumable products frequently sold via outdoor vending machines, products containing dairy must be heat-stable. Powdered ingredients must also be completely soluble so solids don't settle in the container over time. U.S. processors will need to ensure they are versatile enough to meet these needs to fully capitalize on opportunities in the Southeast Asia market.

needs trade liberalization in order to take full advantage of the growth. U.S. dairy prices are frequently lower than other exporters into Southeast Asia, partially to overcome tariff barriers with some countries. Other major dairy exporters like Oceania and Europe, though, face production headwinds, potentially enabling the U.S. to capture market share.

tures that will be for sale at the buckle auction. The framed pictures are collages of the people featured on the third and fourth buckle series for the rodeo. The people's pictures are included, with the buckle with their likeness next to their picture. One collage consists of the people on the buckle from 2003-2009; the second collage has the people on the buckle from 2010-2016.

Willcoxon's love of the Abilene rodeo started when she was living in town in the 1970s. As a single parent with four young children, two of her sons, John and Randy Mc-Donald, would sneak into the rodeo to watch. John made friends with many of the rodeo performers and contestants. "He's always been a personable person," she said. "He would get acquainted with all the entertainers and the top rodeo people. They all knew him as that little red-headed kid who asked a lot of questions."

John rode bulls in high school; Randy rode beyond his high school days. John's son, Ethan McDonald, worked as a pro rodeo bullfighter for several years before retiring in 2018. Ethan was one of the bullfighters for the Abilene rodeo from 2014-2017. John was featured on the buckle in 2002.

Willcoxon has made different memorabilia items throughout the years, all donated to the auction, with proceeds going to benefit the rodeo. Her other two children are Tony McDonald and Natalie McDonald Lyons.

The buckle auction, which will also include other items for sale, takes place Monday, August 2 at the Shockey and Landes building in Abilene.

Social hour begins at 7 p.m., with the auction to follow at 7:30 p.m.

The 75th anniversary of the rodeo takes place August 4-7. Performances begin at 7:30 p.m. each night.

For more information, visit the website at Wild-BillHickokRodeo.com or call 785-263-4570.



At the same time, processors need to offer medium- and high-heat SMP for higher income consumers who want products with greater digestibility and solubility."

Whey products exported to the region also need to meet diverse consumer needs with varving price points. Whey permeate powder is mostly used as a feed additive to fortify pig rations, with demand building as the region's hog herd recovers from African Swine Fever. But

While Southeast Asia promises greater export opportunities in the future, the U.S. dairy sector

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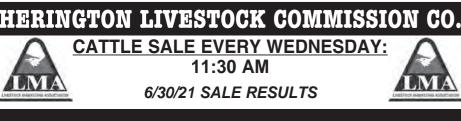
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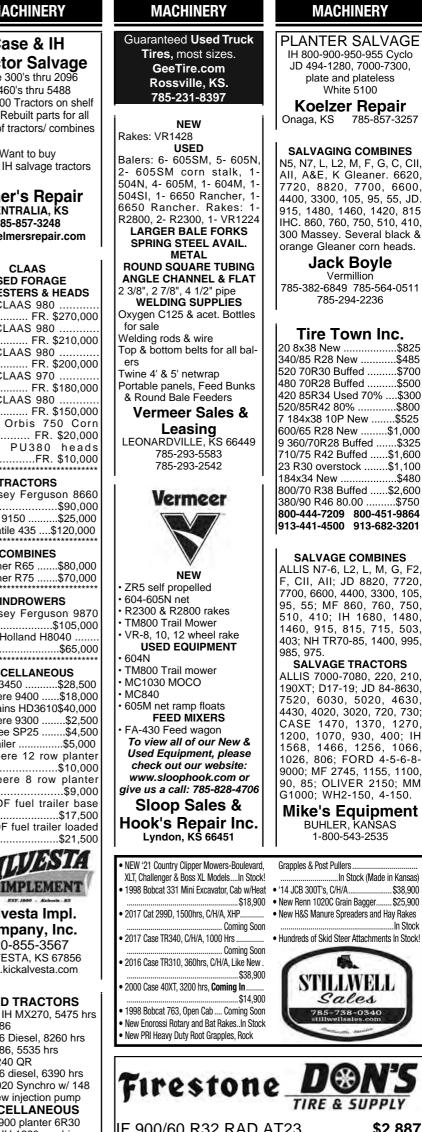
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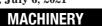
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### Tyson sets net-zero greenhouse gas emissions goal by 2050

Tyson Foods Inc. is aiming to achieve net-zero greenhouse gas emissions across its global operations and supply chain over the next 29 years. The announcement comes in conjunction with the company's release of its 2020 Sustainability Progress Report. The newly announced goal for 2050 is an expansion of the company's current target of achieving a 30% reduction of greenhouse gas emissions by 2030. Tyson says it will focus on updating the baseline for emissions to align with limiting the global temperature increase to 1.5 degrees Celsius by the end of 2023, which is consistent with the goals of the Paris Agreement of 2016. The company plans to establish a pathway to using 50% renewable energy across its domestic operations by 2030. The company also intends to engage 2 million feed acres as part of a land stewardship initiative aiming to increase to 100% of all feed purchased by 2030, among other direct efforts planned for the next few decades.

## Four external parasites cattlemen should be aware of

Summer brings warm weather, sunshine and an excuse to enjoy ice cream more frequently. Although for livestock producers, this time of year also brings an abundance of

flies. While the buzzing pests can easily be swatted down by your family, livestock don't have the same luxury. Sonja Swiger, Texas A&M University associate professor and veterinary and medical entomologist Extension specialist, described flies as external parasites that affect all livestock.

"The impact of these insects can be well over \$2 billion annually," she said during a webinar, Don't Bug Me: Pest Control, hosted by the National Cattlemen's Beef Association (NCBA). Flies can fall into three families, but Swiger identifies "filth flies" as the group posing the biggest threat to the livestock industry. She said this group of flies is known to have a preference for laying their eggs in organic substrates, including latrines, household garbage, manure and manure-soiled animal bedding.

"Flies create stress and discomfort in animals and hinder their performance," added Paul Kropp, national account manager for Central Life Sciences. "There's a number of issues that come into play with a heavy dose of flies. We want to control flies to maximize herd efficiency and comfort to improve revenue potential."

Swiger described the top four filth flies producers should be aware of, as well as traits and characteristics of each pest for identification purposes.

ciated with cattle, Swiger said, but can find a host in any large animal.

"The stable flies are five to seven millimeters long," she describes. "Both males and females again are going to feed on blood, but they take a single meal a day."

These flies lay their eggs in wet, decomposing matter, such as straw, wet hay or grass clippings. Swiger said these pests are associated more with vegetation than manure.

These flies can be physically identified by stripes on their thorax and the checkered pattern on their abdomen. Swiger said stable flies bite the belly and all four legs of an animal.

"The main characteristic that will let you know you're dealing with stable flies is the animals will stamp or kick," she said. Cattle bothered by stable flies will also often bunch into groups, which Swiger said can be detrimental to the animals as it can lead to increase in body temperature and a decrease in feed intake.

3. Face Fly (Musca autumnalis)

Swiger said the face fly comes in as the largest fly on the list, with adults reaching between 7 to 8 millimeters in length. She said they are very similar to the next fly on the list, the house fly.

"It's actually quite hard for most people to tell the difference between a house fly and a face fly out in nature," she explained.

While house flies typically are found in dwellings like houses or barns, Swiger said flies out in pastures are more likely a face flies. She lists grayblack abdomens and four thoracic stripes as distinct physical characteristics of face flies. She said this particular pest is also typically seen more often in temperate zones, as they do not like the heat. Adult females feed on animal secretions, while males prefer nectar and dung liquids. Eggs of face flies are often laid in newly deposited manure. The biggest concern with face flies, Swiger said, is their ability to transmit eye diseases and parasites as the pests gather on facial features of livestock, specifically the eye region.





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1. Horn Fly (Haematobia irritans)

Kropp said the horn fly is one of the largest concerns for pasture cattle located in North America. With fly counts potentially reaching into the thousands per individual animal, these pests pose a big problem. Annually, Kropp said losses from horn flies are similar in amount to losses from bovine respiratory disease (BRD).

This small insect is one Swiger said cattlemen should not take for granted, and she encouraged investment in a regular management program. Cattle are the top-choice in hosts for this fly, as their eggs are laid exclusively in fresh cattle manure.

The adult horn fly is between three to five millimeters in length, and Swiger said they are the smallest of the four flies on this list.

Despite their smaller stature, Swiger said the horn fly possesses piercing/sucking mouthparts that allow for both males and females to take in many small bloodmeals from their host. The horn fly will, on average, take 30 to 40 bloodmeals each day, she added.

Swiger said cattle will react to bites from horn flies by licking their backs, twitching their flanks, switching their tails and kicking their bellies. Frequency of these actions indicate a horn fly issue is present, she said.

2. Stable Fly (Stomoxys calcitrans)

The stable fly, like the horn fly, is heavily asso-

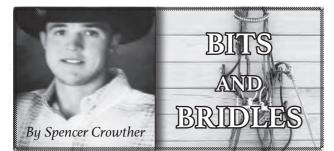
#### 4. Housefly (Musca domestica)

The final pest feeds on the same secretions (blood, sweat, tears and saliva) as the face fly, but possesses different habits, Swiger said. These flies can be identified by the same four stripes on their thorax, but Swiger points to their yellow abdomens as the factor that distinguishes them from the face fly.

Houseflies have diverse locations where their young develop. Swiger said they can call garbage dumps, livestock manure, open privies, poultry litter, soiled bedding, and fruit and vegetable waste home.

"The concern with these houseflies," she said, "is that they can pick up a lot of different pathogens when they're feeding on these different substrates."

Animals respond to these pests by flapping their ears, shaking their head and avoiding their pens.



I have always seemed to have a way with words. whether that be in my professional or personal life. Mostly, it has been a benefit, but everyone once in a blue moon it has gotten me in trouble. Even as a child I had a unique gift of gab, which I frequently used on my younger siblings to influence the situation in my favor. My mother called it manipulation, but I call it good negotiation skills. As a child I also had a very healthy entrepreneurial spirit, always looking for new ways to make a dollar, whether that be a lawn mowing service, a lemonade stand, or even trying to sell drawings. Seeing as how we lived in an unpopulated area, on a dirt road, and with no close neighbors none of these businesses really took off. However, when I was ten or eleven I had a great plan to start a business: this not only lead to a great story but another classic "FarmPa" rule.

Growing up we had a neighbor who was a sheep farmer, and day after day I would stare out the school bus window and think to myself that it might be a good idea. I had raised bucket calves, so how hard could a sheep be? I got my mother's approval and bought one young ram. He was the absolute best case scenario for a little kid to get into the sheep world. Dodge, as we called him, would just walk around the yard, never ran off and didn't cause a lick of trouble. He was more of a mascot and a pet than a financial investment. When the day came for Dodge to be sold, I made a whopping \$30.

You'd think a kid my age would be over the moon with \$30, but I quickly realized that was pretty slow money and if I was going to strike it rich in the sheep game I would need more sheep. To get more sheep I would need more money, and that meant I needed investors. I didn't think anyone older in my family would be very supportive of my lofty goals, not because they didn't want me to succeed, but because they were not equally as interested in building a mutton empire. Luckily for me this was summertime and my siblings were flush with Christmas and birthday cash. It didn't take much convincing and they were sold on the dream. Unlike my last foray into sheep, I thought it best to not ask permission this time but rather for forgiveness. Armed with every last penny my investors had, I pedaled my bike furiously to invest in our up-andcoming lamb operation. Shortly thereafter a truck

**Counting Sheep** always seemed and trailer arrived with our investment of four newly weaned lambs. With the lambs unloaded into our secure barn, I headed inside to ask for my forgiveness, and forgiveness is all I kept begging for as I watched four white woolly blurs run by our kitchen window. After a furious foot chase we were able to wrangle one back into the barn. Standing in the barn, I figured I must have left one of the doors open and that's how the great escape happened. Not long after we captured the slowest of the jailbirds, he showed me the weakness in my maximum security prison's armor, trying to leap through the open window four feet off the ground, missing this time. With a few hog panels we had Alcatraz secure again. but now how to catch the rest of the runaways? This would take months, ingenuity, and a lot of luck.

> Like most manhunts. the first place you should check is home. Wild horses and criminals are the two things that always return home, and the sheep I bought were no different than a mustang or Bonnie and Clyde. With the first one caught, his constant calling helped keep the others close to home, but not so close that they could be seen. I had the idea to tie a rope around the previously captured one, just long enough it could walk in and out of the open barn door. Sure enough, with a little patience and a whole lot of luck the herd made its way towards their imprisoned counterpart. Watching this, I slowly made my way to a good hiding spot where I could see the action clearly and make a break for the door once they all were in the barn. It was working just as I planned in my head, the secured one walked in, then, almost like destiny, the others started walking single file right to the doorway. I didn't want to miss my opportunity, so as soon the first one hit the doorway I made my move towards them. I thought I was like a Bengal tiger stealthy moving through the tall grass on my way to the stalk of the century. Problem is I was not as quiet as my mind made me believe I was. After my hog-tied lamb chop led one in. I broke so many twigs getting to the door, not only did I not catch the other two but I'm pretty sure they had PTSD from all the loud crashing, thrashing, and war cries. Even though my stalk and pounce was only one-third successful I was still only in the hole two sheep at this point, and believe me after seeing them run by the window that day I

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would have never believed I would have been at that point.

Weeks had now passed since the first capture attempt and no sign of the dynamic duo. I decided to take a bike ride to see if I could spot anything, and lo and behold Bonnie and Clyde were grazing in the bottom of the cropfield behind the barn. So now, how to catch them? I figured I'd go back to the old sheepon-a-rope trick, because if it isn't broke, don't try to fix it. I would need an extra rope this time and a different strategy, because after the traumatic tiger attack last time there was no way they would come anywhere near the front of the barn. Armed with an extra rope I decided I would tie both of the captured sheep inside of the pen made of hog panels attached to the side of the barn and leave that door open. Problem for me was there was no good place to hide at a distance and assure the capture would be successful. So, I slipped on my best covert clothes. covered myself in mud/forage, and sat directly behind the gate to the pen. Quiet as a church mouse, I waited for what felt like a eternity, until I heard small footsteps off in the distance, and then saw a very frightened and dirty Q-tip walking towards me. I will tell vou I've hunted quite a bit in my life, and I have never been as quiet and still as I was in that moment. Just like a suspicious deer, Bonnie slowly stepped into the danger zone, totally unsure but the thought of more friends was ultimately her downfall. As she crossed parallel to me I let the gate fly. Long story short – gate hit the sheep's rear end, and the sheep ran into barn. I felt on top of the world being three-quarters of the way there, but the "black sheep" of the family still eluded me.

Clyde was by far the toughest and smartest of the group. He was living behind our house in the creek by himself. This is not the untamed wilderness of Alaska, but Kansas is not a totally safe place void of predators, either. At this point Clyde had been braving the dangerous wilderness of central Kansas for 30 days on his own and doing it pretty stealthily, I might add. No one in that time frame had seen hide nor wool of him, until the day he made the mistake of coming out to feed on a neighbor's hay meadow. That day I was at my grandparents helping pick small squares of hay off the field - not the ideal day or situation to get that phone call. Grandpa was not a fan of the sheep idea to start with, but being hot, sweaty, and itchy didn't improve his view on my little sheep venture. All I heard was, "Load up boy, this ends today." Bouncing down the road towards the neighbors field, all I could think about was if my grandpa had a plan and if that plan involved shooting poor Clyde. That's how they dealt with Clyde Barrow when he made the authorities look foolish, so why not "Clyde Mutton"? My grandpas disposition and look also had a striking resemblance to the Highwaymen. Once we were close enough to see Clyde, my

grandpa let me in on the plan. It was simple; get on the bed of the truck and drive up next to him, jump on him, and hold him down till he got there. The thought was simple but the application would be much harder. I did what I was told, but with reservations. I climbed on the flatbed, we were off to the races and the chase was on. Clyde would not go gentle into the night, running evasive patterns all over the field, but grandpa would not be outdone by a stinking sheep. We finally did wear Clyde down enough for him to run in a straight line, and at that precise moment, with the encouragement of my grandfather, I launched all 90 pounds of myself at Clyde like a sheep-seeking missile. The truck blew past us and all I could hear was, "Don't you dare let go." I, like my grandpa, wouldn't be outdone by a stinking sheep. So, Clyde and I grappled for dominance like two grizzlies fighting over a salmon. Clyde got in some good shots, but I ended the skirmish victorious, well worth the bloody lip and a few hoof-shaped bruises. Grandpa made his way back over to us and helped me hog-tie him. Clyde was finally in custody. I rode all the way back to the barn sitting atop Clyde like a conquering hero. After we

securely got him into his jail cell my grandpa bestowed upon me another "FarmPa" rule before he left – "Boy, real cattlemen don't mess with sheep."

Sad to say, but the Bonnie and Clyde gang didn't last long at Casa Crowther. The next day the neighbor came, loaded them up, and we didn't make any money

KLA awards youth in agriculture scholarships

luck.

Three students have been awarded Kansas Livestock Foundation (KLF) Youth in Agriculture \$1,000 scholarships. Dalton Carev from Newton will be a freshman at Hutchinson Community College majoring in agribusiness. He is the son of Rhonda Unruh. Hailey Gillespie of Colony is the daughter of Jeff and Karen Gillespie. She will be a freshman at Fort Scott Community College studying agriculture. Clay Pelton of Paradise will be a freshman at Kansas State University studying animal science. He is the son of Chris and Susan Pelton.

Youth in Agriculture Scholarships are funded by the KLF Club Calf Sale held each year in conjunction with the Kansas Junior Livestock Show in Hutchinson. This year's sale will be October 2.

### Soy growers frustrated following SCOTUS decision, call on Biden administration for help

Different day, same small refinery exemption (SRE) woes. Soy growers are frustrated following a Supreme Court decision that overturns a 10th U.S. Circuit Court of Appeals ruling that found the Environmental Protection Agency had overstepped its authority in granting certain Renewable Fuel Standard (RFS) blending requirement exceptions to small refineries.

Now, those frustrated farmers are asking the Biden administration to step up and help.

Kevin Scott, soybean farmer from Valley Springs, South Dakota, and ASA president said, "This just means that the Biden administration needs to administer the RFS in a stable and predictable manner that achieves the biofuel-blending, greenhouse gas-reducing benefits that Congress intended when it passed the RFS.

"SREs should be issued to small refiners only when the economic viability of a refiner is threatened solely because of the RFS, and any gallons exempted can be spread out among others to ensure that biofuel blending targets truly are met," he adds.

Increased use of biodiesel and other renewable diesels reduce greenhouse gas emissions by an average of 74% compared to petroleum diesel, providing a proven and immediately available method to take meaningful steps to address climate change. ASA urges the Biden administration to significantly increase renewable fuel obligations for 2021, 2022, and beyond.



for all our trouble. I still

think I could have made it

big in the sheep biz with a

little more time and better

go ahead and go for your

dreams, even if they are a

little misguided. Best case

scenario you succeed, and

even if you don't you'll

have a good story to tell.

Moral of this story is,

Page 19

NOTE: We went ahead with the June 30 auction despite the rain We sold over 600 items but were unable to sell the furniture and it will be sold on July 7. There were many other items which were not sold due to the rain. Therefore we will have VERY LARGI AUCTIONS on Wednesday, July 7 & Saturday, July 10. We will rui 2 rings at least a part of each day. The best is yet to come!

**AUCTION REMINDER** 

WEDNESDAY, JULY 7 \* SATURDAY, JULY 10

\*\* Starting at 10:00 AM EACH DAY \*\*

Both days held at 2844 SE Kentucky, TOPEKA, KANSAS

Final 2 Days of a Fabulous Antique Auction with the Real Estate (House) to sell at 6:30 PM on July 7! Selling a wide variety of quality antiques, vintage and new Christmas items, beautiful antique furniture, quilts and other cloth goods, many pictures and much more. Auction firms are representing the Selle

For list & photos Visit KansasAuctions.net/kretz BRETA BLOOMBERG, SELLER CLAY COUNTY REAL ESTATE, Greg Kretz, 785-630-0701 FOUNDATION REALTY, Morgan Riat, 785-458-9259

#### REAL ESTATE & PERSONAL PROPERTY AUCTION SATURDAY, JULY 17, 2021 — 9:00 AM Location: 826 Neosho in BURLINGTON, KANSAS (2 blocks West of the Court House on North side)

House Sells @ 1:00 PM A nice 3 bedroom, 1 bath 2-story home on corner lot w/detached 2-car garage, nice shady yard. Home has been kept very neat well-maintained and is ready to move right in. Close to school & downtown area, new roof 2019. See website for more informa tion and terms, or call Darwin W. Kurtz, broker & auctionee representing the seller 785-448-4152

PERSONAL PROPERTY AUCTION BEGINNING @ 9:00 AM LARGE SALE!! (Partial listing). Lots of tools of all kinds and garage items: Snapper 30" 12 hp riding mower; rear tine tiller 5 hp; gas snow blower; chain saws; other lawn & garden. Large amount of ANTIQUES: unusual tall Oak secretary; Lawyer's stack bookcase; old Lane cedar chest; Original round butche block out of old Fall River, KS store; very old mantle clock bough in Winfield. KS: Primitives: Western stoneware jars #5. 6.10 & 15 Diamond #5 stone jar; crock bowls, stone Jugs; Gypsy cast iror small stove #201 (needs rep); Wagner & Griswold cast iron; Lg old meat cleaver, unusual; Blacksmith vise; electrified kerosene amps w/beautiful pheasant pattern shades; Pyrex mxg bowls other dishes, old vases, figurines, glassware; old records & Lots of other old stuff; OLD BOOKS 1850s-1900 (specifically listed or website). **HOUSEHOLD:** Side by side ref/frzr; gas range; Maytag washer/dryer; 2 good older chest frzrs; nice kitchenware; good clean household furniture for all rooms, misc. housewares, #500 A Singer sewing machine; good Ig old enamel electric meat slicer handmade & painted wooden decorations made by the Atkinson's. **COINS:** Large amount of old & colectible coins (list on website). CAR sells at Noon: 03 Buick LaSabre, 1 owner, 111K miles, always

garaged, well maintained (slight body damage). After spending almost 60 years at this residence, Betty Lou has moved to Meadows. Everything is very clean & well cared for. Bring your trucks, trailers & friends!! Probably 2 rings part of the day. Food onsite: Assembly of God Church Ladies

#### BETTY LOU ATKINSON



- 6:00pm - 10:00pm -Carnival, Ticket Night Carnival, Wristband Night • 8:00pm — Farm Bureau and 8:00pm - Red Dirt Rendezvous Band KanEquip Pedal Tractor Pull & Saturday, July 17 Watermelon Feed 6:00pm - 10:00pm • 8:00pm — "Savanna Chestnut" Carnival, Wristband Night Tuesday, July 20 • 5:00pm — 4-H Fashion Revue. 7:00pm — Figure 8 Race/Demo Derby (arena) Cake Auction, & Outstanding 9:00pm — Rewind Band Volunteer Recognition • 6:00pm — Fair Supper catered Sunday, July 18 4:00pm — Christian Music by Ricky's Cafe Concert on the Square "House • 7:00pm — Livestock Auction Visit www.mscountyfair.com for more info! \_\_\_\_\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ 74<sup>th</sup> Annual TRI-COUNTY FREE FAIR Herington, KS ~ July 9-11, 2021 www.tricountyfairks.com **Tri-County Free Fair Guide:** Saturday, July 1048 Entlay July 948 8:00 a.m. Buildings & Barns 8:00 a.m. Sheep and Dog open for entering exhibits Check-In 8:30 a.m. JUDGING: Foods, 9:00 a.m. Dog Show 9:00 a.m. Arts and Crafts, Sheep Show Misc., Banners 9:30 a.m. Meat Goat Check-In 10:00 a.m. Foods Sale 10:30 a.m. Meat Goat Show 10:00 a.m. Pickle Power (ends 11:30 a.m.-9 p.m. Community Bldg Open to Public at Noon) 11:30 a.m. Deadline to Regis-1-3 p.m. Ag Olympics ter Static Events 3-9 p.m. Herington 11:30 a.m. Rabbit and Poultry Museum Opens 4:00 p.m. Dairy Cattle and Check-In 12:00 p.m. JUDGING: Rabbit, Dairy Goats Check-In 5:00 p.m. Poultry Dairy Show (Cattle 12:00 p.m. IUDGING: then Goats) Horticulture, Banners, 4-8 p.m. **Bouncy Houses** 

Floriculture, Crops, Clothing, Home Environment, Fiber Arts, Photography, Woodworking, Electrical, Entomology, Geology, STEM Community Bldg 3-9 p.m. Opens to Public 3-9 p.m. Herington Museum Opens 5-9 p.m. Community Carnival 5:45 p.m. Fair Parade (Line up at 5 p.m.) 6:30-8 p.m. Smoked Ham Meal following parade at the Community Bldg 7:00 p.m. Kids Pedal Power Pull following parade, in front of Herington Museum, free. 7:30 p.m. American Freedom

Riders (Rodeo)

Kraft Rodeo

7:30 p.m.

(Fair Grounds) 6:00 p.m. Car Smashing (Demo area) 7:00 p.m. **Demolition Derby** (Pay up Suckers) 7:00 p.m. 4H Static Exhibits Released from Community Bldg Sunday, July 1108 7:30 a.m. Horse Show Check-In Horse Show (4H, 8:00 a.m. FFA and Open Class) 8:00 a.m. Swine Check-In 9:00 a.m. Swine Show 10:00 a.m. Beef Check-In 11:00 a.m. Beef Show then Bucket Calf Show 1:00 p.m. Round Robin Fitting and Showing Championship following

Beef Show

# 4-H camp expanding and diversifying in 2022

Over the last 75 years, thousands of Kansas 4-H'ers have enjoyed the traditional three-day, four-night Rock Springs Ranch experience of a county-wide camp that included activities such as horseback riding, archery, swimming, crafts, campfires, talent shows and leadership experiences. diversify camp program options are coming next year, according to Kansas 4-H Foundation president Jake Worcester.

Beginning in 2022, parents and their youth will be able to select from an expanded calendar of camp experiences.

"In the past, families were given one set of dates that their youth could attend camp," Worcester said. "Looking ahead, there will be options for a traditional experience as well as longer experiences and additional leadership development opportunities

Through these experiences, Worcester said, he hopes youth from age seven through their college years will stay connected to 4-H activities and development opportunities Rock Springs Ranch.

"Next year families will have seven to eight weeks that they can choose from for a camp experience," Worcester said. Those new dates and registration information will be posted on the Rock Springs Ranch website on Sept. 1.

Along with the scheduling changes, there will also be program changes to ensure a high-quality camp experience, said Wade Weber, Kansas 4-H program leader.

"We've looked to our peers in the camping industry and monitored the landscape of our professional programming," he said. "There have been changes in youth development when it comes to creating a safe and supportive learning environment for young people."

A task force has been working for more than two years to implement purposeful changes to enable 4-H youth to have the highest-quality camp experience possible, Weber said.

To learn more about the 4-H camp experience, visit rockspringsranch. org or kansas4-h.org.

#### Changes to expand and could attend camp," and development oppor- uling changes, there will creating a safe and sup- org or kansas4-h.org New Montag<sup>®</sup> 2208 Dry Fertilizer System for 3-Point Mounted KUHN Krause Gladiator<sup>®</sup>

Kuhn North America, Inc. is pleased to introduce the Montag® 2208 dry fertilizer system. The 2208, based on the popular Gen II platform, is equipped with 2 x 50 cubic foot tanks (total capacity approx. 3.5 tons) and is available for 4-, 6- & 8-row 3-point mounted machines, making it attractive to growers looking for a smaller capacity fertilizer unit more suited to these KUHN Krause Gladiator® mod-

els. Although always fitted with two tanks, the 2208 can be ordered with single product metering for reduced cost or with dual product metering bringing the benefits of the Gen II product range to smaller strip-till units for the first time. Section control is also optional, with the choice of one or two sections being offered.

All machines will be supplied with the Montag

## We want to see your Kid's Corner pages! Send us any completed Kid's Corner page and you could <u>win a prize!</u> <u>\*Contest will run weekly — 4 chances to win!!!!</u> \*Contest will start when submissions are received - 1 prize will be given per week until all 4 prizes have been won. Winners will be drawn randomly from all submissions received by 9 a.m. the Friday prior to the next edition.



Mail your submissions to: PO Box 1009, Manhattan, KS 66505 Or bring them by the office: 1531 Yuma St., Manhattan, KS 66502



ISOBUS dry rate controller and ISOBUS scales as standard. As with other Montag dry fertilizer systems for the 3-point mounted KUHN Krause Gladiator, the 2208 will need to be mounted to a Montag steerable cart (ordered separately) and towed behind the toolbar.

The Montag 2208 can apply fertilizer at rates up to 500 lbs/acre per tank (maximum total rate: 800 lbs/acre). With no metering cartridges to change out, variation of application rate is stepless throughout the range.

As with all Montag products, the environment in which the 2208 will work has been taken into account throughout the design: all components which come into direct contact with fertilizer are manufactured from either plastic or food grade stainless steel, and all other components are designed to be resistant to corrosion and provide many years of reliable service.

The Montag 2208 is available to order from KUHN as of June 1, 2021, for use with 4-, 6- or 8-row 3-point mounted KUHN Krause Gladiators. Field install options are available for customers wishing to retrofit the 2208 to an existing 1205M or 1200M series KUHN Krause Gladiator (compatible steerable cart and hitch is required).

## The County Fair

By Wade Reh, River Valley District director/community vitality agent

I hope everyone can make it out to support 4-H'ers at your local county fairs over the next five weeks.

4-H participants, county fair boards, Extension units, and many volunteers have been working hard the last several months to bring the traditional county fair back. This is a triumph after the last 18 months.

We were able to have modified fairs last year but, as everybody will attest, it just was not the same. We are excited to bring back such a wonderful community experience.

Like everyone, 4-H'ers have endured a lot through the pandemic and have met that challenge at every turn. They have pushed through virtual meetings, virtual contests, virtual camps, and mask/physical distancing mandates. Last year, most regional, state, and national 4-H events were canceled or moved to a virtual format. As recently as three weeks ago, we had 4-H camp at half of normal capacity.

Not only have our 4-H'ers worked to stay engaged, they have been very successful at what they have been asked to do.

They have pushed forward and put in the work on their projects. They are now ready for their yearly showcase.

The fairs in the River Valley Extension District are July 6-10 in Cloud County, July 20-24 in Clay County, July 20-24 in Washington County, and August 3-7 in Republic County.

Come look at the exhibits or catch a show and let our 4-H'ers know how successful they have been.





#### Grass & Grain, July 6, 2021 Page 21 Abilene rodeo celebrates 75th anniversary, legendary rodeo clown on belt buckle

A man near and dear to the hearts of rodeo fans in Abilene and around the nation has been memorialized on a Wild Bill Hickok Rodeo buckle.

Lecile Harris, a Pro Rodeo Hall of Fame rodeo clown who performed at Abilene's Wild Bill Hickok Rodeo a dozen times. is the feature on the 2021 buckle.

Harris passed away unexpectedly in February of 2020, hours after working a rodeo in Jackson. Miss. the night before.

He was born in 1936 and lived in Collierville, Tenn. becoming a PRCA member in 1982. He started his rodeo career as a bullfighter, working both as bullfighter and funny man, before the roles evolved and the acts and jokes were done solely by the rodeo clown.

Harris was a session drummer and songwriter in the Memphis area during the 1950s and early 1960s and performed on television and in films, including *Hee Haw*, *Walking* Tall: The Final Chapter and The Last Days of Frank and Jesse James.

Harris' first year to clown at the Abilene rodeo was in 1993, with Phil Gardenhire as the announcer. Rodeo chairman Jerry Marsteller remembers hearing stories from rodeo committee members that Harris and Gardenhire

were instrumental in making fan-friendly improvements, changing from bullhorns for speakers to a real speaker system, and changing from the rodeo band, made up of locals, to popular music played over the loudspeaker.

After the first night of rodeo in 1993, Harris and Gardenhire had convinced the committee enough that they went to Salina to rent loudspeakers and sound equipment.

Harris and Gardenhire worked the Abilene rodeo every year from 1993 to 1998, until Gardenhire died in an auto crash in 1999

After that, Harris worked the Abilene rodeo again in 2001, 2002, 2005, 2013, and was scheduled to be the clown in 2020, until his passing in February of that year.

He was well known for his professionalism and timing, said long-time friend Mike Mathis, the voice of the Abilene rodeo, who began working with Harris in the early 1980s.

"He was a stickler for his makeup and his props," Mathis said. "Everything had to be a certain way.' His comedic timing was impeccable, too. "He had a way to interact and work with the crowd that is very difficult to find. Lecile worked very hard making sure everything was in order and put together. He was a fanatic."

Marsteller said Abilene fans loved his acts: his golf act, BR-549 robot act, baseball act and piano act.

Harris was personable outside the arena, with rodeo committee people and fans, Marsteller said. He remembers hearing

Harris' jokes about his wife, who he nicknamed "Tundra" as part of his act, and then having the chance to meet her at a PRCA rodeo convention. Marsteller and his wife Deb sat down for a meal with Lecile and his wife Ethel. "We got to meet Tun-

dra," Marsteller chuckled, "and we just sat and visited and visited. "

Harris' presence is still missed at rodeos across the nation, Mathis said.

"He can't be replaced. He was a supreme entertainer."

This year's buckle is

part of a series of buckles, each featuring different people or subjects, that started in 1989.

The annual buckle auction for the rodeo will be held Monday, August 2 at the historic Shockey and Landes Building

• Cont. on page 22





Pro Rodeo Hall of Fame rodeo clown Lecile Harris is featured on the 75th anniversary buckles for the Wild Bill Hickok Rodeo in Abilene. He worked the rodeo a dozen times.

LESS

"I was extremely impressed... Results were far better than I expected on my 1,800 acre farm in the Ozarks using the 30' flex model. This weed control system saved me LOTS of money on chemicals with NO damage to my legume-based pastures and hayfields."

SW Missouri Farmer

Weed Wiper™ in my hayfields to manage johnsongrass. Not only did I have excellent kill of the johnsongrass, I really liked the fact that I had no drip or no drifting issues. My kill results were very good, the unit works very good and I'd highly recommend this weed management system.

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- Mike, Hay and Pasture, KY

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Richard, Hay Farmer

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#### Page 22 Grass & Grain, July 6, 2021 Important to know livestock water and shade requirements

By Wendie Powell, livestock production agent, Wildcat Extension District

What offers refreshment on a hot summer day? Cool water? Resting in the shade? It just so happens that these also provide comfort to livestock! With the recent heat wave in southeast Kansas, livestock producers should monitor their animals for signs of heat stress and plan their chores according to the animal's comfort.

The signs of heat stress

can be obvious. Across the board, nearly all farm animals will pant and breathe heavily. However, some species, like sheep and goats, are more tolerant of heat than other species, think cattle or hogs. Regardless of species, decreased appetite and increased body temperatures can lead to some very serious problems. Interestingly, sweat glands are not all that common with livestock; cattle only sweat on their nose, pigs don't produce sweat at all, but horses are efficient sweaters.

A 1200-pound cow, nursing a calf, will drink 15 to 25 gallons of water daily, and more in extreme conditions. Growing calves and yearling cattle will need five to 12 gallons a day, depending on their size. Mature sheep and goats drink two or three gallons a day. Hogs consume around a half gallon, up to about six gallons. Horses will drink five to 15 gallons a day. These amounts are important when choosing a watering system. At a minimum, the water trough should be large enough to supply half at one time. But, in an ideal situation, the trough will supply enough water for 2 or 3 days in one filling. This larger amount will provide a cushion against a disaster. Also, be sure the supply is sufficient to fill the tank in a timely manner. If lower ranked animals in the pecking order show up to an empty tank. they will leave without consuming enough, or possibly any, water. Clean water makes a huge difference in consumption and performance.

Researchers have compared natural shade to artificial, compared no shade to natural and artificial. They've looked at growth performance and conception rates. Studies have been conducted throughout the U.S. and in many other countries. Results vary, but I infer that stressed animals need shade. Livestock can become acclimated over time

to an environment. Animals will benefit from producers doing certain chores during cooler temperatures. For example, if you are planning to haul a load of calves in an enclosed trailer, those animals will arrive at their destination under less stress through early morning hours compared to the sunny high temperatures of afternoon. Or, during a weaning event, monitor forecasts for the coolest temperatures of the day, and plan to separate pairs at that time. Often newly weaned animals will be more active right after the weaning event. Provide

How much shade is needed? Research in Kentucky looked into space requirements for cattle. For

plenty of shade and clean

water for animals under

stress.

Abilene rodeo celebrates 75th anniversary, legendary rodeo clown on belt buckle

Social hour for the auction begins at 7 p.m., with the auction to follow at 7:30 p.m. The rodeo takes place August 4-7 at 7:30 p.m. each night in Abilene at Eisenhower Park. For more information, visit www.Wild-BillHickokRodeo.com

For more information, visit the website at Wild-BillHickokRodeo.com or call 785-263-4570. 1st series

1989 - Bruce Miller, sad-

dle bronc riding

roping 1991 - Jon Greenough,

bareback riding 1992 - Tracy Brunner,

steer wrestling

barrel racing

bull riding

ry of the Wild Bill Hickok Rodeo

2nd series

saddle bronc riding

roping 1998 - Mark Brunner,

bareback riding

wrestling

2000 - Guy Winters, Sr. and Guy Winters, Jr. team roping

yearling calves, allow 15 to 20 square feet per head. 800-pounders and larger feeder cattle need 20 to 25 square feet and mature cows should have 30 to 40 square feet. Ample space is needed, otherwise, livestock will crowd under the shade and air movement will be restricted.

Shades vary from simple and inexpensive to complex and pricey. Nature's permanent shades are trees, arguably the best option for air circulation. There are portable shades available commercially that can be moved around a pasture. Artificial shades can be rigged up from any about material, just some ingenuity is required.

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



1990 - Cary Bryant, calf

1993 - Donna Samples,

1994 - Paul Whitehair,

1995 - 50th anniversa-

1996 - Gerald Roberts,

1997 - Phil Bryant, calf

1999 - Jim Janke, steer

barrel racing 2002 - John McDonald, bull riding

3rd series

2003 - Steve Davis, bareback riding

2004 - Ty Brant, calf roping

2005 - Jared Roberts, saddle bronc riding

2006 - Bob Pound, steer wrestling

2007 - Scott Bankes and Billy Randle, team roping

2008 - Shaleigh Smith, barrel racing

2009 - Geff Dawson, bull riding

4th series

2010 - Jerry Short, bareback riding

2011 - Wayne Bailey, steer wrestling

2012 – Keegan Knox, saddle bronc riding

2013 - Duane Carson, tie-down roping

2014 - Karl Langvardt and Steve Zumbrunn, team

roping 2015 - Micah Samples,

barrel racing 2016 - Jimmy Crowther,

bull riding 5th series

2017 - Glen Dawson, bareback rider

2018 - Andrews Rodeo Co., stock contractor

2019 - Mike Mathis,

rodeo announcer 2021 - 75th anniversary

of the rodeo: Lecile Harris. rodeo clown and specialty act



Key 16 Calf Creep Pellet is recommended 30 to 60 days before weaning. The extra weight gain will produce \$15 to \$30 return per

calf over creep feed costs. Delivery in bulk or bags is available. Contact your local Key Feeds representative.



TOOLS John Deere stacking tool Craftsman box

stacking tool box; Waterloo stack tool box; Snap-on side box; John Deere G4400K generator w/5 hours; Ward 2 hp air compressor; 8 ton press; Tanaka C5-320 chain saw; 2 hp chop saw; chain saw sharpener;

large assortment of Snap on, John Deere, Matco tools inc: combination wrenches, torque wrenches, sockets,

SUNDAY, JULY 18, 2021 -

NOTE: Check our website for pictures at www.thummelauction.com. There is a large as-

sortment of good tools, several trains and many toys. NICK WINTERS ESTATE

bench grinder; battery charger; small press; small vise; Remington pole saw; shop windmill vacuum: wood working equipment; bench drill press; small cut off saw; wood band saw;

#### Auction will be held in Kenwood Hall at the Saline Co. Expo Center, 900 Greeley, SALINA, KS punches, hammers, and other hand tools; yard tools; yard **TOYS & TRAINS** John Deere & Cat toys inc:

other toys; Electric Trains inc: O gauge Atlas, HO gauge Bachmann, N gauge, Lionel pre-war engine & tender.

– 11:00 AM farm toys, semis, cranes,

# of the expected daily needs



## Body condition scoring basics for sheep and goats

Knowing the amount of condition or fat cover for sheep and goats is a good practice to implement in any nutrition program. Condition is commonly measured using a body condition score (BCS). Body condition adjusts throughout the year for various reasons, including the animal's age, breeding cycle and weather impacts. Nutrition decisions impact which direction the BCS of your flock or herd goes.

"It's important to body condition score both sheep and goats because it's a direct indication of their overall health and reproduction," says Maggie Amburgey, small ruminant technical specialist with Purina Animal Nutrition. "Scoring body condition during key times like breeding helps evaluate nutritional needs of your flock or herd and gives you a guideline of where things stand.'

Follow these steps to monitor and maintain body condition in your sheep and goats:

How does scoring work? BCS is monitored in More than a neighbor – Jake Pannbacker serves on KBC executive committee

"There is a lot more to the Beef Checkoff than hearing Sam Elliott's voice at the dinner table," Jake Pannbacker said. From high school students to highly respected dietitians, athletes, and chefs, Kansas Beef Council (KBC) programs are in place to educate and promote the benefits of beef to our neighbors next door and across the globe.

Pannbacker is а third-generation cattleman in Washington County. "Our operation includes row crops, cow-calf pairs, stockers, and a small feedlot to finish out our calves and also some custom finishing for neighbors." Like many producers, he said they stay diversified, which brings a unique reference point to his seat on the KBC Executive Committee.

While Pannbacker does not take the opportunity to be in a room with large western Kansas cattle feeders or prominent seedstock producers at KBC Executive Committee meetings lightly, he is

sheep and goats on a fivepoint scale that increases or decreases by half-point increments.

"The ideal score falls between a range of 2.5 to 4, depending on life stage and energy demand," says Amburgey. "During breeding season, we like to see ewes and does around 2.5 to 3 BCS. Rams and bucks can have a little higher condition, up to a 4 BCS because they will lose more condition."

Sheep and goats are considered too thin or under-conditioned when they are at or below 1.5 BCS. Common problems under-conditioned in ewes and does include missing heat cycles which leads to lower conception. Similarly, rams and bucks in lower body condition tend to wear down during a breeding season. Thin animals are also more susceptible to disease because they aren't receiving adequate nutrition for immune system support.

Sheep and goats become too fat or over-conditioned when they reach 4.5 BCS or higher. Over-conditioned ewes and does

reminded it takes cattle-

men of all types to best

decide the future of the

beef industry in Kansas.

"You have the cross-sec-

tion of experience, and we

all have our own way of

doing things," Pannback-

er explained. "We may not

all agree, but in the end,

we compromise on what is

going to move the industry

thing everyone agrees on.

and Pannbacker is opti-

mistic about current and

future KBC projects that

will improve the demand

for beef regionally and in-

ternationally. He remarks

on the excitement of the

entire room as the KBC

discusses future devel-

opments that will impact

Kansas-raised beef. While

the future is exciting,

KBC's current projects are

driving meaningful con-

versations and growing de-

Producers are well-

versed in a long list of

subjects, including an-

Committee

Moving forward is one

forward."

Executive

mand today.

can have reduced fertility, causing delayed lambing or kidding and reduced production for their offspring. When rams and bucks are too fat, it may reduce libido, so they won't follow or stay with females for breeding.

"If you can keep sheep and goats around 2.5 to 3 BCS, reproductive outcomes improve," says Clay Elliott, Ph.D. and small ruminant nutritionist with Purina Animal Nutrition. "Timely breed back and twinning will also increase, resulting in a higher percentage lamb or kid crop.'

What are you looking for? Body condition appears in a few visible places on the body. Fat cover typically deposits on the top-line of both sheep and goats, running alongside the vertebrae. For goats, fat will show up around the hipbones, similar to what you might see in cattle. When sheep or goats are especially obese, fat collects in the brisket running below the neck.

"These areas are extremely prominent if sheep or goats are too

for many, consumer mar-

keting and self-promotion

are not their forte. "It's a

luxury for us to get off the

farm to go to Kansas City

Pannbacker said. "But if

you have a chef at a restau-

rant who understands your

the thoughtful skill it takes

to provide an experience

that makes people want to

return for beef. "They may

get the glory, but it makes

doing the legwork, like

calving in February, easier

when we have such strong

advocates for our prod-

uct constantly working in

areas we can't be physical-

etitians on the importance

Educating chefs and di-

ly," said Pannbacker.

or Dallas for a few days."

thin, or they'll stand out when they have too much fat." says Amburgey. "When visually appraising, a 2.5 BCS will have a smooth appearance over the ribs. The vertebrae and hip bones will be covered but still visible.'

Purina's new BCS guides provide a visual reference tool for both sheep and goat producers. Download the sheep and goat guides at purinamills.com

There is also a handson approach you can take when assessing BCS. When sheep or goats are thin, you'll feel bones easier, like the vertebrae and ribs. On the flip side, if you aren't able to feel some bones, the animals might have too much condition.

"You don't want their top-line to 'cut your hand' (be bony)," says Amburgey. "Coming right off able to feel it and not be obese."

source of nutrition for sheep and goats. However, forage quality and reproductive timing may require additional supplementation to meet or exceed nutritional needs and keep sheep and goats in proper condition.

"Don't ignore nutrition, particularly in the lead up to breeding when green pastures might seem suffi-cient," says Elliott. "Adding a supplemental fat tub helps increase energy for ewes and does that have just weaned their lambs and kids, a time when females need to gain condition to be flushed for breeding."

If sheep or goats are under-conditioned, a pelleted ration can supply more targeted supplemental nutrients, so you know they are getting energy each day.

When dealing with over-conditioned animals, you can pull back on the nutrition program slightly by feeding higher fiber rations.

"In all situations, sheep and goats should get mineral to make up for any nutritional gaps,

Pannbacker laughs as he recalls the popular bumper sticker "The West wasn't won on salads." Perhaps no better modern-day example of that is the Kansas Beef Council-funded Team Beef. Team Beef has grown to include weekend warriors, like Pannbacker, to elite ultramarathoner Brandon Walker. "Talk about a great billboard." Pannbacker said. "We can't always get off the farm, but if he can

says Elliott. "Then the supplemental rations can balance for protein and fat.'

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Keeping an eye on BCS throughout the year and making nutritional adjustments goes a long way towards optimizing flock and herd performance. Contact your local Purina nutritionist or visit purinamills.com to learn more.

Purina Animal Nutrition LLC (www.purinamills.com) is a national organization serving producers, animal owners and their families through more than 4,700 local cooperatives, independent dealers and other large retailers throughout the United States. Driven to unlock the greatest potential in every animal, the company is an industry-leading innovator offering a valued portfolio of complete feeds, supplements, premixes, ingredients and specialty technologies for the livestock and lifestyle animal markets. Purina Animal Nutrition LLC is headquartered in Arden Hills, Minn. and is a wholly owned subsidiary of Land O'Lakes, Inc.

share the benefits of beef and have people notice what that does, that's the spokesperson we need."

Moving forward, whether it's KBC's strategically placed billboard in Wichita or athletes proudly wearing beef apparel at elite events, communication is the greatest challenge and the most significant opportunity. "We can agree to disagree," Pannbacker said. "But you have to open up sensible,

#### Public Notice by Kansas Pork Association and the National Pork Board Selection of **2022 National Pork Board Delegates**

The election of pork producer delegate candidates for the 2022 National Pork Producers (Pork Act) Delegate Body will be conducted electronically on Wednesday, August 4, 2021, from 9 a.m. - 4 p.m. Voting can be done at the following link: www.kspork. org/2022-delegate-election. After submitting the electronic ballot, a "Thank You for Voting" message will be displayed to confirm the electronic vote was successful. Any producer, age 18 or older, who is a resident of the state and has paid all assessments due may be considered as a delegate candidate and/or participate in the election. One vote per eligible producer. For more information, contact Kansas Pork Association, 2601 Farm Bureau Road, Manhattan, KS 66502, phone 785-776-0442.

## Kansas wheat harvest going slower than usual so far

(AP) – The government's latest crop snapshot shows the Kansas winter wheat harvest is running slower than usual for this time of year.

The National Agricultural Statistics Service reported that about 41% of the state's wheat has been cut. That is behind both the 44% at this time last year and the 48% five-year average. The report reflects crop conditions as

13% as poor or very poor.

Planting for two other major Kansas crops also is nearly finished with 95% of the soybeans and 94% of the sorghum now seeded.

The state's corn crop is also mostly in good shape with

620-583-5008 Office 620-583-7475 Sale Every Thursday at 11.30 a m Sharn

Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045

by the impact the program of beef in consumers' diets is a KBC priority. The has, not only in rural Kansas, but in metropolitan Nutrition Adventure Pro-

of the back of their shoulder, you want the top-line to be smooth, but still be

> Keep them in condition Pasture is sometimes thought to be an adequate

Missouri, Nebraska and Oklahoma Beef councils, took dietitians on a bus tour of the beef industry in Kansas, providing handson experience in beef production and taught them how beef fits into a healthy diet. A similar effort hosted chefs in Kansas City. Continued outreach to those areas will be vital to reaching urban audiences. "It's important that others are informed to provide that message on our be-

In addition to reaching culinary profession-

#### imal care, land management and economics, but, gram, a partnership with areas as well.

product, understands what you're doing, and they enjoy working with your product, they are going to be far more effective in marketing your product." He recalled going to a steakhouse in Kansas City half," Pannbacker said. where the steaks were presented flawlessly, noting

als, KBC has continued long-time programs that encourage high schools to use beef in the classroom by reimbursing beef costs for curriculums that promote healthy recipes using beef. "Abby Heidari, KBC staff dietitian, had a map of participants, and it was amazing to see the cluster of classrooms in K.C. Metro or Wichita," Pannbacker said, encouraged

of Sunday, July 27 and comes amid recent rains that have kept many combines out of fields.

The agency also reported that 83% of the wheat had already matured. It rated the condition of the crop still in the ground as 12% excellent, 50% good, 25% fair and

## Kansas hog inventory down 10% in June

Kansas inventory of all hogs and pigs on June 1, 2021, was 1.98 million head, according to the US-DA's National Agricultural Statistics Service. This was down 10% from June 1, 2020, and down 1% from March 1 2021

Breeding hog inventory, at 175,000 head, was down 3% from June 1, 2020, but up 3% from last quarter. Market hog inventory, at 1.81 million head, was down 10% from last year, and down 1% from last quarter.

The March-May 2021 Kansas pig crop, at 898,000 head, was down 6% from 2020. Sows farrowed during the period totaled 88,000 head, down 1% from

last year. The average pigs saved per litter was 10.20 for the March-May period, compared to 10.70 last year.

Kansas hog producers intend to farrow 88.000 sows during the June-August 2021 quarter, unchanged from the actual farrowings during the same period a year ago. Intended farrowings for September-November 2021 are 89,000 sows, up 5% from the actual farrowings during the same period a year ago.





9 blk       921@136.50       9 bkbwf       578@136.25       4 blk       799@129.0         30 bkRd       963@133.00       29 bkRd       792@135.50       4 blk       755@125.2         Butcher Cows: \$50-\$83.00, mostly \$65-\$77.00, very active.         BUTCHER COWS       1 Red       1370@77.0         1 Red Ang       1575@83.00       1 blk       1340@77.0         2 bwf       1603@82.00       BUTCHER BULLS       1         1 blk       1440@81.00       1 blk       1730@97.0         1 Brang       1335@80.00       1 bwf       1640@96.5         1 Brang       1615@80.00       1 blk       1420@94.0         4 blk       1514@77.50       1 blk       1420@94.0         4 blk       1275@77.50       1 blk       1285@92.5         1 blk       1710@77.50       1 blk       1720@92.5         EARLLY CONSIGNMENTS FOR JULY 8         • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day       & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane       & dbl. vac.         • 120 mixed strs, 800-950#, off the grass.       •	Sale Eve						n. Sharp	
on a very active market. No sale was held July 1st.           STEERS         STEER CALVES         7 bik         642@135.2           15 bkbwf 467@180.00         6 bkbwf 661@136.00         12 bkbwf 878@129.0           3 bik         600@169.00         15 bkbwf bfx	o TI						e	
STEERS         STEER CALVES         7 blk         642@135.5           15 bkbwf 467@180.00         6 bkbwf 661@136.00         11 bkbwf 878@129.0           3 blk         600@169.00         15 bkbwfrbfx								
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12 bik       68/@154.00       10 bkbwfrbtx	16 CharX517@	157.50					561@135.00	
20 mix 785@144.25       6 bik 719@135.50	12 blk 687@	154.00	10 bkbwl	rbfx		6 bkRed	1 618@131.00	
38 mix       898@141.20       HEIFERS       11 bkbwfrbtX	9 bkbwf 717@	153.00		761@	136.00			
12 blk       895@141.00       7 bkbwf       394@154.00								
11 CharX658@141.00       14 bkbwf 460@149.50       5 bkbwfrbtX         59 bkChr 955@139.00       11 ChrX 469@147.25								
59 bkChr 955@139.00       11 ChrX 469@147.25								
12 blk       907@138.50       66 bkbwf 715@142.20       5 bkChr 714@126.0         37 CharX938@137.50       5 bkbwf 555@140.00       BULLS         14 blk       901@137.25       17 CharX637@139.00       6 bkbwf 342@162.0         27 bkbwf 883@137.00       8 bkbwf 683@138.50       6 blk       621@146.0         9 blk       921@136.50       9 bkwf 578@136.25       4 blk       799@129.0         30 bkRd 963@133.00       29 bkRd 792@135.50       4 blk       755@125.2         Butcher Cows:       \$50-\$83.00, mostly \$65-\$77.00, very active.         BUTCHER COWS       1 Red       1370@77.0         1 Red Ang       1575@83.00       1 blk       1340@77.0         2 bwf       1603@82.00       BUTCHER BULLS       1         1 blk       1440@81.00       1 blk       1730@97.0         1 Brang       1335@80.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1420@94.0         4 blk       1710@77.50       1 blk       1720@92.5         EARLY CONSIGNMENTS FOR JULY 8       100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.         • 120 mixed strs, 800-950#, off the grass.       50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.         50 Fancy wf (25) strs & hfrs, 500-800#, Fall calves.								
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27 bkbwf 883@137.00       8 bkbwf 683@138.50       6 blk       621@146.0         9 blk       921@136.50       9 bkbwf 578@136.25       4 blk       799@129.0         30 bkRd 963@133.00       29 bkRd 792@135.50       4 blk       755@125.2         Butcher Cows:       \$\$50-\$\$83.00, mostly \$65-\$77.00, very active.         BUTCHER COWS       1 Red       1370@77.00         1 Red Ang       1575@83.00       1 blk       1340@77.0         2 bwf       1603@82.00       BUTCHER BULLS       1640@96.5         1 Brang       1335@80.00       1 bwf       1640@96.5         1 Brang       1335@80.00       1 bwf       1640@96.9         1 Brang       1615@80.00       1 blk       1420@94.0         4 blk       1514@77.50       1 blk       1720@92.5         EARLY CONSIGNMENTS FOR JULY 8       100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.         • 120 mixed strs, 800-950#, off the grass.       • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.       • 50 Fancy wf (25) strs & hfrs, 500-800#, Fall calves.         • 400 blk Red Char X strs & hfrs, 750-1000#, off the grass.       • 120 mostly blk strs & hfrs, 500-800#, Fall calves.         We appreciate your business!       Moeile Cell 620-750-0123       Aus			17 Char>	(637@	139.00	6 bkbwf		
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BUTCHER COWS         1 Red         1370@77.0           1 Red Ang         1575@83.00         1 blk         1340@77.0           2 bwf         1603@82.00         BUTCHER BULLS           1 blk         1440@81.00         1 blk         1730@97.0           1 Brang         1335@80.00         1 blk         1730@97.0           1 Brang         1335@80.00         1 blk         1640@96.5           1 Brang         1615@80.00         1 blk         1420@94.0           4 blk         1514@78.00         1 blk         1420@94.0           4 blk         1514@78.00         1 blk         1420@94.0           4 blk         157@87.50         1 blk         1420@94.0           4 blk         1275@77.50         1 blk         1720@92.5           EARLY CONSIGNMENTS FOR JULY 8           • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.           • 120 mixed strs, 800-950#, off the grass.           • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.           • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.           • 165 mostly blk strs, 750-950#, off the grass.           • 165 mostly blk strs, 750-960#, eff the grass.           • 120 mostly blk strs & hfrs, 500-800#, Fall calves.           We appreciate your busine								
1 Red Ang       1575@83.00       1 blk       1340@77.0         2 bwf       1603@82.00       BUTCHER BULLS         1 blk       1440@81.00       1 blk       1730@97.0         1 Brang       1335@80.00       1 bwf       1640@96.5         1 Brang       1615@80.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1640@93.0         1 blk       1275@77.50       1 blk       2185@92.5         1 blk       1710@77.50       1 blk       1720@92.5         EARLY CONSIGNMENTS FOR JULY 8         • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day       & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane       & dbl. vac.         • 120 mixed strs, 800-950#, off the grass.       • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass, hfr         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.       • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.         EARLY CONSIGNMENTS FOR JULY 15         • 165 mostly blk strs, 750-950#, off the grass.         EARLY CONSIGNMENTS FOR JULY 22         — 30 YEAR ANNIVERSARY SALE —       • 400 blk Red Char X strs & hfrs, 500-800#, Fall calves.         We appreciat				-			-	
2 bwf         1603@82.00         BUTCHER BULLS           1 blk         1440@81.00         1 blk         1730@97.0           1 Brang         1335@80.00         1 bwf         1640@96.5           1 Brang         1615@80.00         1 blk         1420@94.0           4 blk         1514@78.00         1 blk         1420@94.0           4 blk         1514@78.00         1 blk         1420@94.0           1 blk         1275@77.50         1 blk         1640@93.0           1 blk         1275@77.50         1 blk         2185@92.5           1 blk         1710@77.50         1 blk         1720@92.5           EARLY CONSIGNMENTS FOR JULY 8           • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day         & dol. vac.           • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane         & dol. vac.           • 120 mixed strs, 800-950#, off the grass.         •           • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.         •           EARLY CONSIGNMENTS FOR JULY 15         •           • 165 mostly blk strs, 750-950#, off the grass.         •           EARLY CONSIGNMENTS FOR JULY 22         —           - 30 YEAR ANNIVERSARY SALE —         •           • 400 blk Red Char X strs & hfrs, 500-800#, Fall calves.							370@77.00	
1 blk       1440@81.00       1 blk       1730@97.0         1 Brang       1335@80.00       1 bwf       1640@96.5         1 Brang       1615@80.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1640@93.0         1 blk       1275@77.50       1 blk       2185@92.5         1 blk       1710@77.50       1 blk       1720@92.5         EARLY CONSIGNMENTS FOR JULY 8         • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.       • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, off the grass.       • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.       • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass.         EARLY CONSIGNMENTS FOR JULY 15         • 165 mostly blk strs, 750-950#, off the grass.         EARLY CONSIGNMENTS FOR JULY 22         — 30 YEAR ANNIVERSARY SALE —         • 400 blk Red Char X strs & hfrs, 750-1000#, off the grass.         I20 mostly blk strs & hfrs, 500-800#, Fall calves.         We appreciate your business!         Ron Ervin - Owner-Manager Home Phone - 620-583-538	0							
1 Brang       1335@80.00       1 bwf       1640@96.5         1 Brang       1615@80.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1640@93.0         1 blk       1275@77.50       1 blk       2185@92.5         1 blk       1710@77.50       1 blk       1720@92.5 <b>EARLY CONSIGNMENTS FOR JULY 8</b> • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane & dbl. vac.       • 120 mixed strs, 800-950#, off the grass.         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass, hfr open & replacement quality. <b>EARLY CONSIGNMENTS FOR JULY 15 EARLY CONSIGNMENTS FOR JULY 15</b> • 165 mostly blk strs, 750-950#, off the grass.         EARLY CONSIGNMENTS FOR JULY 22         — 30 YEAR ANNIVERSARY SALE —         • 400 blk Red Char X strs & hfrs, 500-800#, Fall calves.         We appreciate your business!         We appreciate your business!         Ron Ervin - Owner-Manager         Home Phone - 620-583-5385         Mobile Cell 620-750-0123         Austin Evenson- Fieldman								
1 Brang       1615@80.00       1 blk       1420@94.0         4 blk       1514@78.00       1 blk       1640@93.0         1 blk       1275@77.50       1 blk       2185@92.5         1 blk       1710@77.50       1 blk       1720@92.5         EARLY CONSIGNMENTS FOR JULY 8         • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane & dbl. vac.         • 120 mixed strs, 800-950#, off the grass.         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass, hfr open & replacement quality.         EARLY CONSIGNMENTS FOR JULY 15         • 165 mostly blk strs, 750-950#, off the grass.         EARLY CONSIGNMENTS FOR JULY 22         — 30 YEAR ANNIVERSARY SALE —         • 400 blk Red Char X strs & hfrs, 750-1000#, off the grass.         We appreciate your business!         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		1440	0001.00	1				
4 blk       1514@78.00       1 blk       1640@93.0         1 blk       1275@77.50       1 blk       2185@92.5         1 blk       1710@77.50       1 blk       1720@92.5 <b>EARLY CONSIGNMENTS FOR JULY 8</b> • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weaner & dbl. vac.       • 120 mixed strs, 800-950#, off the grass.         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass, hfr open & replacement quality. <b>EARLY CONSIGNMENTS FOR JULY 15 EARLY CONSIGNMENTS FOR JULY 15</b> • 165 mostly blk strs, 750-950#, off the grass. <b>EARLY CONSIGNMENTS FOR JULY 22</b> — 30 YEAR ANNIVERSARY SALE —         • 400 blk Red Char X strs & hfrs, 750-1000#, off the grass.         We appreciate your business!         We appreciate your business!         Mobile Cell 620-750-0123         Austin Evenson- Fieldman         Mobile Cell 620-750-0222								
1 blk       1275@77.50       1 blk       2185@92.5         1 blk       1710@77.50       1 blk       1720@92.5         EARLY CONSIGNMENTS FOR JULY 8         • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane & dbl. vac.         • 120 mixed strs, 800-950#, off the grass.         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass, hfr open & replacement quality.         EARLY CONSIGNMENTS FOR JULY 15         • 165 mostly blk strs, 750-950#, off the grass.         EARLY CONSIGNMENTS FOR JULY 15         • 165 mostly blk strs, 750-950#, off the grass.         EARLY CONSIGNMENTS FOR JULY 22         — 30 YEAR ANNIVERSARY SALE —         • 400 blk Red Char X strs & hfrs, 750-1000#, off the grass.         • 120 mostly blk strs & hfrs, 500-800#, Fall calves.         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								
1 blk       1710@77.50       1 blk       1720@92.5         EARLY CONSIGNMENTS FOR JULY 8         • 100 blk Lim X strs & hfrs, 450-650#, H.R., weaned 45 day & dbl. vac.         • 45 blk bwf strs & hfrs, 400-500#, H.R., longtime weane & dbl. vac.         • 120 mixed strs, 800-950#, off the grass.         • 50 Fancy wf (25) strs & (25) hfrs, H.R., off the grass, hfr open & replacement quality.         EARLY CONSIGNMENTS FOR JULY 15         • 165 mostly blk strs, 750-950#, off the grass.         EARLY CONSIGNMENTS FOR JULY 22         — 30 YEAR ANNIVERSARY SALE —         • 400 blk Red Char X strs & hfrs, 750-1000#, off the grass.         • 120 mostly blk strs & hfrs, 500-800#, Fall calves.         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								
<ul> <li>100 blk Lim X strs &amp; hfrs, 450-650#, H.R., weaned 45 day &amp; dbl. vac.</li> <li>45 blk bwf strs &amp; hfrs, 400-500#, H.R., longtime weane &amp; dbl. vac.</li> <li>120 mixed strs, 800-950#, off the grass.</li> <li>50 Fancy wf (25) strs &amp; (25) hfrs, H.R., off the grass, hfr open &amp; replacement quality.</li> <li>EARLY CONSIGNMENTS FOR JULY 15</li> <li>165 mostly blk strs, 750-950#, off the grass.</li> <li>EARLY CONSIGNMENTS FOR JULY 22 — 30 YEAR ANNIVERSARY SALE —</li> <li>400 blk Red Char X strs &amp; hfrs, 750-1000#, off the grass.</li> <li>120 mostly blk strs &amp; hfrs, 500-800#, Fall calves.</li> <li>We appreciate your business!</li> <li>Ron Ervin - Owner-Manager Home Phone - 620-583-5385 Mobile Cell 620-750-0123 Austin Evenson- Fieldman Mobile Cell 620-750-0222</li> </ul>							720@92.50	
165 mostly blk strs, 750-950#, off the grass.     EARLY CONSIGNMENTS FOR JULY 22    30 YEAR ANNIVERSARY SALE     400 blk Red Char X strs & hfrs, 750-1000#, off the grass.     120 mostly blk strs & hfrs, 500-800#, Fall calves.     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	<ul> <li>45 blk bwf strs &amp; hfrs, 400-500#, H.R., longtime weaned &amp; dbl. vac.</li> <li>120 mixed strs, 800-950#, off the grass.</li> <li>50 Fancy wf (25) strs &amp; (25) hfrs, H.R., off the grass, hfrs</li> </ul>							
	• 165 mostly blk strs, 750-950#, off the grass.							
Ron Ervin - Owner-Manager Home Phone - 620-583-5385 Mobile Cell 620-750-0123 Austin Evenson- Fieldman Mobile Cell 620-750-0222	- 30 YEAR ANNIVERSARY SALE - • 400 blk Red Char X strs & hfrs, 750-1000#, off the grass.							
Home Phone - 620-583-5385 Mobile Cell 620-750-0123 Austin Evenson- Fieldman Mobile Cell 620-750-0222		11		-				
Mobile Cell 620-750-0222		Home	Phone	ə - 62	0-583	8-5385		
If you have any cattle to be looked at call Ron or Austin	Mobile Cell 620-750-0222							
	If you hav	e any ca	ttle to b	e loo	ked at	t call Ron	or Austin	

### Grass & Grain, July 6, 2021 Page 24 **Rising red meat prices** cause shoppers to pull back

One in three adults say they are spending more on groceries than they were at the start of 2021, with red meat being the ingredient cited most often for higher prices followed by chicken, according to a Morning Consult survey of 2,200 U.S. adults conducted for Bloomberg News.

"We've got these pockets of inflation without having corresponding wage growth, and that's going to put consumers in a really tough spot," Morning Consult economist John Leer said. The survey notes that a quarter of U.S. shoppers said they have started buying fewer items overall, including less meat, to save money on grocery bills.

Seven	Day Forecast		epth Local F		Te	oday's Local Outlo	ook
No.	WEDNESDAY Scattered T-storms High: 90 Low: 71 THURSDAY	a 40% thunderstorn humidity of	ns, high temper 62%. East wind high temperatur	showers and ature of 90°, d 2 to 6 mph.	Washington 89/71	Blue Rapids 89/71	Seneca 86/69
T	Mostly Sunny High: 92 Low: 74	Last	t Week's Alı	nanac	Clay Cer 90/70	nter	TT
**	FRIDAY Mostly Sunny High: 95 Low: 75	Date 6/25 6/26 6/27 6/28	Hi/Lo         Norr           91/72         88/           82/68         88/           85/66         89/           85/68         89/	65         0.57"           65         0.03"           65         0.00"           65         0.00"	and a second	Manhattan Ogden 90/71 89/68	Wamego 90/71
業	SATURDAY Mostly Sunny High: 93 Low: 76		84/72 89/ 83/72 89/ 85/69 89/	66 1.99" 66 0.00" 2.59"	Abilence 92/71	Junction City 91/71	¥
	SUNDAY Sunny High: 92 Low: 72	Departure . Average tem Average nor	ip mal	+1.57" 77.3° 77.1°			Council Grove 0/71
- Milli				This Weel	k's Sun & Mo	oon Chart	
SIL	MONDAY						-
	MONDAY Sunny High: 87 Low: 69	New 7/9	Day Wednes Thursda	iy 6:08 a.m.	. 8:55 p.m. . 8:54 p.m.	Moonrise         Moonset           4:00 a.m.         7:18 p.m.           4:42 a.m.         8:14 p.m.	
	Sunny		Wednes	day 6:07 a.m. y 6:08 a.m. 6:09 a.m. y 6:09 a.m. 6:10 a.m. 7 6:11 a.m.	. 8:55 p.m. . 8:54 p.m. . 8:54 p.m. . 8:54 p.m. . 8:53 p.m. . 8:53 p.m.	4:00 a.m. 7:18 p.m.	Ful 7/23 (T) 7/31
	Sunny High: 87 Low: 69 TUESDAY Sunny	7/9 First 7/17	Wednes Thursda Friday Saurday Monday Tuesday	day 6:07 a.m. y 6:08 a.m 6:09 a.m y 6:09 a.m 6:10 a.m 7 6:11 a.m 7 6:11 a.m	. 8:55 p.m. . 8:54 p.m. . 8:54 p.m. . 8:54 p.m. . 8:53 p.m. . 8:53 p.m. . 8:52 p.m.	4:00 a.m.         7:18 p.m.           4:42 a.m.         8:14 p.m.           5:31 a.m.         9:05 p.m.           6:27 a.m.         9:51 p.m.           7:28 a.m.         10:30 p.m.           8:32 a.m.         11:05 p.m.           9:38 a.m.         11:35 p.m.	7/2: (1) Las 7/31



2004 WILSON STOCK trailer, 20', aluminum floor, rollup back door, clean, well maintained. \$10,000.785-539-XXXX

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## GRASS & GRAIN Classifieds

## The way it was

The pictures below were found in a Grass & Grain photo archive and date back at least to the 1960s. No other information about the photos is available. As the 2021 wheat harvest continues, we thought our readers might enjoy this look at equipment from yesteryear.



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S	el	ļ	A	t		St		Marys Tuesdays
	Sell Or Buy	Cat	ttle	By Auctio		STARTING 1 10:30 AM		Tuesdays
We sold 951 for steer & he \$5.00 higher. \$4.00 higher. STEER & BU	ifer calves at Feeder steer Cows & bulls	prices that w s & heifers s	old steady to	5 blk/red hfrs 16 blk hfrs 3 red/blk hfrs 3 wf/bwf hfrs 5 blk hfrs 2 blk/red hfrs 3 blk hfrs	589 @ 152.00 605 @ 144.00 663 @ 144.00 587 @ 143.00 682 @ 141.00 565 @ 138.00 647 @ 138.00	3 red/blk cows 1 blk cow 1 bwf cow 1 blk cow 1 blk cow 1 red cow 1 wf cow	1442 @ 78.00 1540 @ 77.50 1525 @ 77.00 1205 @ 76.50 1330 @ 75.50 1130 @ 75.00 1270 @ 74.00	1         blk bull         2145 @ 104.50         1         blk bull         1460 @ 93.00           1         blk bull         1835 @ 102.50         1         blk bull         1905 @ 90.00           1         bwf bull         1495 @ 99.50         1         red bull         1900 @ 87.00           1         blk bull         1495 @ 98.50         1         red bull         1235 @ 85.00           1         blk bull         1585 @ 95.00         1         red bull         1235 @ 85.00
1 blk str 1 blk str 12 blk/bwf strs 1 bwf bull 1 bwf bull 1 bwf strs 1 blk str	375       @ 197.00         390       @ 196.00         518       @ 194.00         355       @ 191.00         440       @ 189.50         425       @ 189.00         245       @ 188.00	24 blk/red strs 24 blk/red strs 61 mix strs 54 blk/red strs 59 blk strs 8 blk/red strs 61 mix strs	772 @ 145.00 836 @ 145.00 885 @ 142.00 934 @ 141.60 919 @ 140.50 651 @ 138.00 968 @ 135.00	2 blk hfrs 3 blk hfrs 65 mix hfrs 2 blk/red hfrs 63 blk/red hfrs	630 @ 137.50 798 @ 134.00 739 @ 133.75 663 @ 133.00 833 @ 132.50	1 blk cow 1 blk cow 1 blk cow 1 blk cow 1 blk cow 1 blk cow	1135 @ 73.50 1485 @ 73.00 1375 @ 72.00 1235 @ 71.50 1305 @ 71.00 1275 @ 70.00	CONSIGNMENTS FOR JULY 6: • 15 older cows with 200-350 lb. calves to sell separately • 65 blk strs & hfrs, 500-650 lbs., vaccinated
2 sim/blk strs 4 blk strs 3 blk strs 7 blk/red strs 7 blk strs	243       @ 185.00         435       @ 185.00         499       @ 184.50         537       @ 183.00         491       @ 176.00         511       @ 167.00	HEIFER 4 blk/bwf hfrs 2 blk hfrs 3 blk hfrs	Solo @         153.00           CALVES         453 @         163.00           450 @         159.00         502 @         158.00           502 @         158.00         542 @         157.00           542 @         157.00         542 @         157.00	1 blk hfrt 1 char hfrt 2 blk hfrts 1 blk hfrt 1 wf hfrt 1 blk cow	770 @ 102.00 1320 @ 96.00 748 @ 93.00 925 @ 90.00 840 @ 89.00 1175 @ 92.00	1 char cow 1 red cow 1 wf cow 1 wf cow 1 blk cow 1 red cow	1550 @ 69.00 1235 @ 68.50 1340 @ 68.00 1260 @ 67.00 1210 @ 66.00 1205 @ 65.00	<ul> <li>65 blk steers, 800-850 lbs., off grass</li> <li>65 blk steers, 850-900 lbs., off grass</li> <li>106 blk/char strs, 875-900 lbs., off grass</li> <li>60 blk steers, 875-900 lbs., off brome</li> </ul>
STOCKER & FE 12 blk/char strs 10 blk/bwf strs 6 blk strs 4 blk/red strs 126 blk/red strs	577 @ 179.00 620 @ 177.50 556 @ 171.00 580 @ 163.00	7 blk hfrs 1 bwf hfr 9 blk/char hfrs 2 blk hfrs	542 @ 157.00 519 @ 155.00 330 @ 153.00 512 @ 152.00 535 @ 152.00 388 @ 151.00 423 @ 151.00	1 bwf cow 1 wf cow 1 bwf cow 1 blk cow 1 blk cow 1 blk cow	1115 @ 85.00 1180 @ 82.00 1580 @ 80.00 1700 @ 79.50 1455 @ 79.00 1320 @ 78.50	1 wf cow 1 blk cow 1 sim cow 1 blk cow 1 blk cow 1 blk cow	1265 @ 64.50 1225 @ 64.00 1020 @ 63.50 1225 @ 63.00 1275 @ 62.50 1250 @ 60.00	<ul> <li>60 bik steers, 900-925 lbs.</li> <li>61 blk/bwf steers, 950-975 lbs.</li> <li>53 blk steers, 950-1000 lbs.</li> <li>67 blk steers, 800-825 lbs.</li> <li>130 black heifers, 775-800 lbs.</li> </ul>
2 blk strs 8 blk strs 6 blk strs 45 blk strs	663 @ 153.00 682 @ 153.00 731 @ 151.50 820 @ 150.25	2 blk hfrs 2 blk hfrs STOCKER & Fl 6 blk hfrs	528 @ 149.00 528 @ 147.00 EEDER HEIFERS 557 @ 160.00	LIV	E ON DV	R AUCTIC Auctions.	com	CONSIGNMENTS FOR JULY 13: • 250 blk steers, 850-950 lbs., off grass

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

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