# Kansas Hay Market Report

Compared to the last report demand remains good, trade activity remains slow, and prices remained mostly steady. Hay is starting to hit the ground, even with rain chances, and new crop prices continue to trickle in. However, there seems to be a standoff between buyers and sellers, with buyers wanting lower prices before purchasing and sellers wanting to maintain current price due to dry conditions. According to the U.S. Drought Monitor for May 30th locally heavy rain fell over western parts of the High Plains region while eastern parts had a dry week. Two inches or more of rain fell in localized parts of northeast Colorado and western Kansas, prompting a pullback of abnormal dryness or moderate to exceptional drought. But continued dry conditions in the eastern portions of the region resulted in expansion of abnormal dryness to extreme drought in eastern Kansas. Based on May 28 USDA data, 69% of the winter wheat crop in Kansas was in poor to very poor condition, while 50% of the topsoil moisture was short or very short and subsoil moisture was rated 68% very short to short. The categorical percent area for abnormally dry conditions(D0) increased to near 10.5%, moderate drought (D1) increased to 13.5%, severe drought (D2) increased to 15%, extreme drought (D3) increased to near 25%, and exceptional drought (D4) decreased to 32%.

#### Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered steady, movement slow. Alfalfa: horse, supreme small squares 14.00-15.00/bale. Dairy,1.40-1.50/point RFV. Good, Stock or Dry Cow 300.00-315.00. Grinding alfalfa,

large rounds, 295.00-300.00, new crop 300.00-310.00, large square 3x4's and 4x4's 300.00-310.00, new crop 300.00-310.00. Ground and delivered locally to feed lots and dairies 340.00-350.00, new crop 345.00-355.00. Grass Hay: Bluestem: 155.00-165.00. Corn stalks, ground and delivered 180.00-195.00. The week of 5/28-6/3,4,373T of grinding alfalfa and 325T of dairy alfalfa was reported bought or sold.

#### South Central Kansas

Dairy alfalfa, ground and delivered, and alfalfa pellets steady, grinding alfalfa steady to 10.00 lower, movement slow. Alfalfa: horse, small squares 325.00/ton. Dairy 1.40-1.50/point RFV. Good, Stock cow, 295.00-305.00. Fair/ good grinding alfalfa, large rounds 285.00.00-295.00.00 delivered (-10.00), new crop 285.00-295.00, 3x4 and 4x4's 290.00-300.00(-5.00) delivered, new crop 295.00-300.00. Alfalfa ground and delivered 315.00-325.00; Alfalfa/Soybean: ground and delivered 295.00-310.00. Alfalfa pellets: Sun cured 15 pct protein 325.00-340.00, 17 pct protein 345.00-360.00, Dehydrated 17 pct 420.00-425.00. Rye grass, new crop 3x4's 235.00-245.00. The week of 5/28-6/3, 7,133T of grinding alfalfa and 0T of dairy alfalfa was reported bought or sold.

#### Southeast Kansas

Dairy alfalfa, grinding alfalfa steady, grass hay steady, movement slow. Alfalfa: horse or goat, none reported. Dairy 1.40-1.50/point RFV. Good, stock cow 260.00-270.00. Fair/good

grinding alfalfa, large rounds none reported, large square 3x4 275.00-285.00; Grass hay: Bluestem, small squares 170.00-180.00, good 3x4 squares 165.00-175.00, large round 140.00-155.00. Brome, large square 190.00-200.00 delivered. The week of 5/28-6/3, 932T of grass hay was reported bought or sold.

Northwest Kansas

Dairy alfalfa and grinding alfalfa steady, movement

#### Grass & Grain, June 13, 2023

slow. Alfalfa: Horse or goat, small squares 300.00-320.00, 3x3squares 305.00-320.00delivered. Dairy, Premium/Supreme1.40-1.50/point RFV. Stock cow, fair/good 295.00-300.00. Fair/good grinding alfalfa, large square 3x4's 295.00-310.00

#### North Central-Northeast Kansas

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Dairy alfalfa, ground/delivered, grinding alfalfa steady, and bluestem grass hay steady, movement slow. Alfalfa: Dairy 1.40-1.50/point RFV; Horse hay, premium small squares, 12.00/bale, 3x4's 290.00-300.00; Stock Cow 3x4's 230.00-240.00. New crop 280.00-300.00; Fair/good, grinding alfalfa, large rounds 250.00-260.00, large square 3x4's 250.00-275.00, new crop 290.00-300.00 fob; Alfalfa ground and delivered 290.00-300.00; Grass hay: Bluestem, small squares none reported, large 3x4 squares 150.00-160.00, good large rounds 150.00-160.00. Brome: large rounds, 150.00-160.00.Sudan: large round 130.00-150.00. Wheat straw: large squares 120.00-130.00. Corn stalks: large squares 135.00-145.00 delivered. The week of 5/28-6/3,672T of grinding alfalfa and 100T of dairy alfalfa was reported bought or sold. Prices above reflect the average price. There could be prices higher and lower than those published.

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

\*RFV calculated using the Wis/Minn formula.

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

al Scenic Byway K-177, 14

miles south of Cottonwood

Falls or one mile north of

Matfield Green.

#### **Pioneer Bluffs to** host two Prairie Talks July 1 Bluffs is to preserve and is on Flint Hills Nation-

Flint Hills ranch families have stories to tell of their unique heritage, and two families will share these stories in Prairie Talks – a series of community discussions at Pioneer Bluffs near Matfield Green.

On Saturday, July 1, Pioneer Bluffs will host two Prairie Talks, each one a distinctly different story of ranching

At 1:30 p.m., Carol House of Arkansas City will tell the story of her late husband, Bill House, who went from being an attorney to raising Grand Champion Herefords.

Then, at 2:30 p.m.,

Nancy Methvin of Lincolnville will tell how her Louisiana ranch family's summer adventure turned into 46 years of living in, and loving, the Flint Hills of Kansas

After practicing law in the 1940s, Bill House returned to the family Hereford business in Chautauqua County. By the early 1950s, House had risen to the top of the National Order of Hereford Growers, winning Grand Champion four times at the American Royal in Kansas City, Mo. In his 65 years of ranching, House was a strong influence in legisla-

tive initiatives that impacted the entire beef cattle industry. He served as past president of the Kansas Livestock Association, the American Hereford Association, and the American National Cattleman's Association, now the National Cattlemen's Association. In 1964, House was named Distinguished Javhawk of the Year by then-Governor Anderson.

During the Prairie Talk, Carol House will tell many stories, possibly even how an 1,800-lb plastic ornamental bull came to be in her front yard.

At the 2:30 p.m. talk,

Nancy Methvin will speak of ranching in Louisiana bayou country on land that had been in the family since 1714. Her family came to the Flint Hills for one summer and stayed for 46 years on land that was once part of the original 101 Ranch and the Frye/ Ronsick Ranch. Methvin will discuss the history of the areas they have lived.

There is no cost to attend these Prairie Talks, but donations are appreciated and will support future program events.

Refreshments will be available. Reservations are requested but not required and will help ensure plenty of chairs are out. RSVP on the Facebook event page or to the executive director, Lynn Smith, at lynn@pioneerbluffs.org or 620-753-3484.

BSB TEAM! HE.

share the ranching heri-

tage of the Flint Hills. A

National Register Histor-

ic District, Pioneer Bluffs

**Chapman FFA** 

member wins State

**Proficiency Award** 

A member from the Chapman FFA chapter was

awarded a Proficiency Award at the 95th Kansas FFA

Convention, May 31-June 2, 2023, on the Kansas State

University campus. Tucker Seibert is this year's Kan-

sas State FFA Goat Production Proficiency Award win-

ner and received a plaque and cash award. For Goat

Production, a member owns the enterprise or works

for a business that involves the use of the best man-

agement practices available to efficiently produce and

market goats and all raw goat products. Seibert will

represent Kansas at the 2023 National FFA Convention

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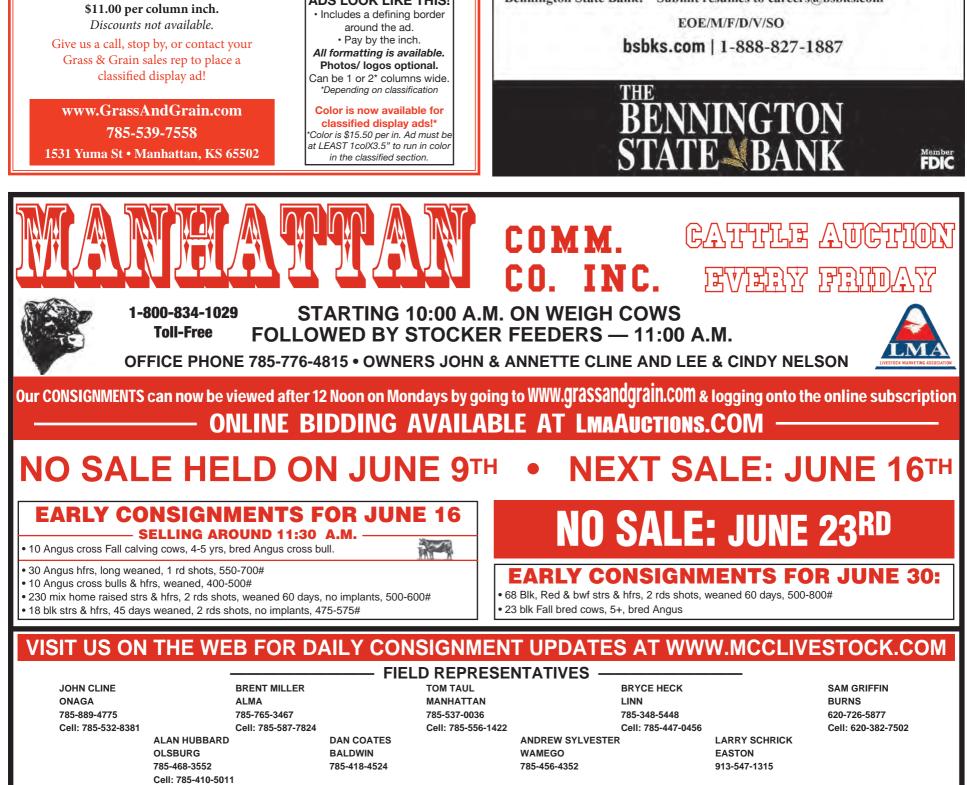
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in Indianapolis, Indiana. The award is sponsored by the Kevin Davis Family. The mission of Pioneer



#### Grass & Grain, June 13, 2023 Page 14 K-State announces global collaboration on sorghum and millet ton said.

Kansas State University has announced a project in which it will lead a group effort to work on the world's challenges related to the production of sorghum and millet.

Ernie Minton, the Eldon Gideon Dean of K-State's College of Agriculture, officially launched the Collaboration Global for Sorghum and Millet during the opening day of the Global Sorghum Conference in Montpelier, France, where K-State is a lead sponsor.

Minton said the partnership formalizes the university's long-term global focus on improving the resiliency and sustainability of sorghum and millet in the face of climate change.

"We have found that with these crops, we need to collaborate and share information, research and resources whenever possible to support these orphan grains," Minton said. "It is a crop that takes a lot of coordination and collaboration between individual scientists because there isn't the same level of investment as there is

A successful long-term experiment with live hogs indicates Nebraska scientists may be another step closer to achieving a safe, long-lasting and potentially universal vaccine against swine flu.

The results are not only important to the pork industry, they hold significant implications for human health. That's because pigs act as "mixing vessels," where various swine and bird influenza strains can reconfigure and become transmissible to humans. In fact, the 2009 swine flu pandemic, involving a variant of the H1N1 strain, first emerged in swine before infecting about a fourth of the glob-



Ernie Minton, the Eldon Gideon Dean of K-State's College of Agriculture, announced June 5 that the university will lead the Global Collaboration for Sorghum and Millet.

in other crops."

Located in the center of the United States,

Kansas State is uniquely positioned to support this global collaboration, Min"With this investment

in collaboration and sharing, we feel we can move the crop forward and work on problems that are global - such as diseases and other kinds of challenges – that may be in Kansas next year," he said.

Minton added that K-State's focus on sorghum is twofold:

• Kansas is the No. 1 sorghum producer in the United States. As a landgrant university and home to the Center for Sorghum Improvement, K-State supports farmers, agriculture and related industry through research. extension and teaching capacity across the sorghum value chain.

Minton said Kansas is a recognized leader in sorghum science, production, seed systems, irrigation science, food product development and value chain assessment.

• The Global Collaboration on Sorghum and Millet expands the work conducted from 2013 to 2022 through The Feed the Future Innovation Lab for Collaborative Re-

search on Sorghum and Millet, commonly known as SMIL, which is hosted by K-State.

"We are excited to bring together funding and research partners who will align with our focus on research, engagement and leadership in supporting the growth of sorghum and millet," Minton said. "A unique mission of a land grant university is outreach and extension to ensure the technologies developed through research get out to practitioners in the field."

Minton added that the Global Collaboration on Sorghum and Millet brings together a partner team from the Pan Africa region, as well as research partners, development practitioners and funding collaborators. He said the collaboration focuses on research, engagement and leadership for sustainable development, climate adaptation and the growth of sorghum and millet value chains.

'Our global commitment has also enabled synergies for our Kansas farmers, with the devas

tating pest, the sugarcane aphid," said Minton. "The global research network that has been developed enabled plant breeding solutions that could quickly be integrated into the U.S. sorghum hybrids and helped produce a natural resistance to a pest that was devastating the market

"This new collaboration will continue to focus on leveraging a global research network, capacity strengthening and delivery of appropriate technologies.'

Minton said the project also will continue the university's focus on cross-sharing research and technologies.

"The Global Collaboration for Sorghum and Millet continues our focus on sorghum as an integral solution to the growing world and changing climate."

The collaboration will be led by Timothy Dalton and Nat Bascom, who previously led SMIL. More information on the new project is available at Global-SorghumandMillet.com.

#### scientists closing in on long-last ebraska ing swine flu vaccine al population in its first

year, causing nearly 12,500 deaths in the United States and perhaps as many as 575,000 worldwide, according to the Centers for Disease Control and Prevention. "Considering the signif-

icant role swine play in the evolution and transmission of potential pandemic strains of influenza and the substantial economic impact of swine flu viruses, it is imperative that efforts be made toward the development of more effective vaccination strategies in vulnerable pig populations," said Erika Petro-Turnquist, a doctoral student and lead author of the study recent-

ly published in Frontiers in Immunology.

Petro-Turnquist is advised by Eric Weaver, associate professor and director of the Nebraska Center for Virology. Weaver's laboratory is spearheading an effort that uses Epigraph, a data-based computer technique co-developed by Bette Korber and James Theiler of Los Alamos National Laboratory, to create a more broad-based vaccine against influenza, which is notoriously difficult to prevent because it mutates rapidly.

Pork producers currently try to manage swine flu by using commercially available vaccines derived from whole inactivated viruses and weakened live viruses. As of 2008, about half of the vaccines in use in the United States were custom-made for specific herds — an expensive. time-consuming and not very effective strategy because of the rapidity with which swine influenza evolves.

The Epigraph algorithm enables scientists to analyze countless amino acid sequences among hundreds of flu virus variants to create a vaccine "cocktail" of the three most common epitopes the bits of viral protein that spark the immune system's response. It could be a pathway to a universal flu vaccine, which the National Institutes of Health defines as a vaccine that is at least 75% effective, protects against multiple types of influenza viruses for at least one year and is suitable for all age groups.

"The first epitope looks like a normal influenza vaccine gene, the second one looks a little weird and third is more rare," Weaver said. "We're reversing the evolution and bringing these sequences that the immune system recognizes as pathogens back together. We're computationally re-linking them and that's where the power of this vaccine is coming from. that it provides such good protections against such a wide array of viruses."

In another strategy to heighten effectiveness, the vaccine is delivered via adenovirus, a common virus that causes cold-like symptoms. Its use as a vector triggers additional immune response by mimicking a natural viral infection.

Two years ago, Weaver's team published initial results in the journal Nature Communications. based on tests in mice and pigs. Those findings indicated the Epigraph-developed vaccine yielded immune response signatures and physiological protection against a much wider variety of strains than a widely used commercial vaccine and wildtype flu strains. The follow-up study is apparently the first longitudinal study comparing the onset and duration of an adenovirus-vectored vaccine with that of a whole inactive virus vaccine. Petro-Turnquist and Weaver, along with Matthew Pekarek, Nicholas Jeanjaquet and Hiep Vu of the Department of Animal Science, Cedric Wooledge of the Office of Research and Economic Development and David Steffen of the Nebraska Veterinary Diagnostic Center, ob-

served 15 Yorkshire crossbred female pigs over a period of about six months, the typical lifespan of a market hog.

One group of five received the Epigraph vaccine. a second group of five received a commercial whole inactive virus vaccine, and a third group of five received a saline solution to serve as the control group. The pigs received their initial vaccination at three weeks of age and a booster shot three weeks later. Their antibody levels and T-cell responses were measured weekly for the first month and every 30 days thereafter. At six months of age, they were exposed to a strain of swine flu divergent from those directly represented in the vaccine.

The pigs that received the Epigraph vaccine showed more rapid and long-lasting antibody and T-cell responses to the vaccines. After exposure to the swine flu virus, the Epigraph-vaccinated hogs showed significantly better protection against the disease — less viral shedding, fewer symptoms of infection and stronger im-



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mune system responses.

"Those pigs weighed about five pounds when we vaccinated them and by the end of the study, six months later, they were over 400 pounds," Weaver said. "It's kind of amazing that this vaccine would maintain itself over that rate of growth. It continues to expand as the animal grows."

Weaver's team continues to pursue the research, with next steps including larger studies and possibly a commercial partnership to bring the vaccine to market.

"The more times we do these studies, the more confident we get that this vaccine will be successful in the field," Weaver said.

### 41U(HI

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### Advocacy works: corn grower leaders reflect on efforts leading to dispute



### Dave Mueller, Tampa

It's the same old story: Small town population is aging, the average age is creeping upward, and young people are moving out.

It's a story heard all over Kansas – except where it is not.

Today, in the second of our series about Tampa, Kansas, we'll learn about this remarkable community that is seeing an influx of young couples and vouth.

Last week, we met Dave Mueller, a Marion County farmer who purchased and renovated several buildings in Tampa. Those buildings now house the Santa Fe Trail Café, the Tampa Trail Stop grocery store, a hair salon, community room and fitness center.

Mueller's cousin is Gary Fike, director of K-State Research and Extension's office in Riley County. Fike said Mueller revitalized Tampa by working with others to create the grocery store, café, and more. All the while, Mueller

has seen Tampa's demo-

graphics change. "Over the past ten years, we have had a lot of young families in their 20s and 30s move in here," he said. "Our average age has dropped dramatically."

How has this happened? Perhaps it started with community investment. Mueller purchased the cafe building, which led to more purchases and renovations which led to other businesses.

The fitness center is an example of how a young local family became entrepreneurs. "A husbandand-wife pair of pharmacists live here (in Tampa) with their five kids," Mueller said. "They wanted a place to work out but there was no room in their home. They rented part of the building downtown and put in workout equipment, and now they're selling memberships."

Even as Tampa struggled in previous years with businesses closing, the town managed to maintain the locally owned Tampa State Bank. Chris Costello is an attorney and Tampa

Grass & Grain, June 13, 2023 State Bank president.

"Chris has been instrumental in the progress of our community," Mueller said. "He is all about building the community. He has supported these various projects."

Tampa State Bank conducts an annual hog roast for the community. Volunteers with the Tampa PRIDE program - now known as Kansas Community Empowerment at the state level - built a day-long festival around the hog roast. Now the Trail Fest is conducted in Tampa each year on the last Saturday in August.

In 1958, Tampa and other nearby schools consolidated to form what is now Centre High School. In addition to Tampa, Centre serves the rural communities of Lincolnville, population 168; Ramona, population 78; Pilsen, population 65; Burdick, population 62; and Lost Springs, population 55 people. Now, that's rural.

"They're doing excellent things at the school," Mueller said.

In 2018, the Diamond Vista Wind Project began operating in the region. "In this case, they located the wind turbines in an area of less productive ground, so it was a good fit for this area," Mueller said.

Diamond Vista officials helped form the Tampa Community Foundation and rebuilt the library on a vacant lot in town. "They've been very good partners for the community," Mueller said. The community foundation now of-

Page 17 fers all high school seniors scholarships for any type of post-secondary education or training.

"Fifteen years ago, there was hardly a kid in town," Mueller said. "Now the town is overrun with kids.'

"We have the biggest 4-H club in the county," Mueller said. "The baseball field is in use every night. When Tampa PRIDE put on the Easter egg hunt, it was absolutely amazing to see the number of kids out there.'

"We have young people moving in and renovating homes. Having young families attracts even more young families."

Is this the same old story of rural decline and out-migration? No. It's a tale of community revitalization and of young families finding value in smalltown living.

We salute Dave Mueller, Chris Costello and all those who are making a difference by bringing youth back into this historic town. It's not the same old story; it's a fun new story being written in Tampa.

And there's more. What if the entire town of Tampa went to visit Florida? This actually happened - and we'll learn about that next week.

Audio and text files of Kansas Profiles are available at http://www.kansasprofile.com. For more information about the Huck Boyd Institute, interested persons can visit http:// www.huckboydinstitute. org.

## Hauling tips from a world champion breakaway roper and an equine veterinarian

Thousands of miles of dotted lines have passed before the view of world champion breakaway roper, Jackie Crawford, while hauling some of the world's greatest.

She, along with Steve Allday, DVM - a competitive team roper and equine lameness specialist overseeing the care of legendary Thoroughbred racehorses, including two Triple Crown winners - share best practices for safer hauling and joint health assurance for horses.

#### **Joint Health**

Joint health while hauling - what are best practices? "We ask so much of our horses, not only in competition but even just going down the road," Crawford says. "They take so much percussion on their joints in the trailer alone - that part worries me even more so than what we're asking them to do in the arena sometimes. We do everything we can, preventatively."

#### **Prevention is key**

"The pressure of shipping and traveling - and the pounding and grinding from shipping and training and performing - all these things add up," says Dr. Allday, who also developed LubriSyn HA. Prevention and trusted supplements are "paramount to maintaining the health of the joint on a regular basis," he said.

Crawford does everything she can, preventatively, with supplements and other considerations when they're at an event, especially during the summer with even more frequent haulings. She stresses the importance to consider "even the little things," like where horses are stalled and getting them access to turnout. "It's really hard to try to find good places for those horses to stay and be able to rest their joints and relax. It's important to find good places to turn them out and let them roll," Crawford says. "Paying for the preventative measures is so much better than trying to pay to fix something once it's gone bad. I'm going to do everything I can, short of bubble-wrapping these horses, to try to keep them going up and down the road and keep us winning. Dr. Allday's credo is to choose preventative medicine over restorative. "Trying to stay ahead of it on the preventative side is always the smarter move if you're trying to keep an athlete out on the road. The bottom line is, if you can prevent something from happening, you're going to have better results. Restorative medicine essentially means you're fixing, or attempting to fix, an existing problem at that point and with the approach of restorative medicine, your horse is not going to regain full function, at least not right away," explains Dr. Allday.

in the vet clinic with tubes coming out of their chest with pneumonia. It was the craziest thing, and honestly until that point, I had not thought about it either.'

To encourage horses to put their head down, she waters them on the ground, grazes them, or puts hay on the ground for them to graze.

Dr. Allday explained more.

"As you go down the road, there are a lot of dust particles, hay and things that float around in the trailer that horses inspire. It then gets into their upper respiratory tract and down into their bronchial tree. When horses get out (of the trailer) and they put their head down in the water as they rehydrate, it basically stimulates the clearance mechanism, and the fluid on the top of the Celia, down the trachea, helps things move up out of the bronchial tree and the lower tree. This helps the horse expectorate and move things out of their airways," shared Dr. Allday.

#### House keeping

Crawford is careful to clean out the ammonia from the trailer with her frequent stops, saying, "I don't want them breathing it in."

Dr. Allday said this is an excellent suggestion because, "Ammonia is very irritating in the airway of both people and horses. Getting that cleared out is an excellent suggestion, especially during the wintertime, because we tend to seal the trailers up.

#### settlement request

As the U.S. Trade Representative takes next steps on a dispute settlement request with Mexico over biotech corn, corn grower leaders across the country are reflecting on a months-long advocacy campaign that paid off for the nation's farmers.

"We began sounding the alarms about the ban last fall, because we knew the decree would have a devastating impact on U.S. corn growers and rural communities," said National Corn Growers Association president Tom Haag. "We were working with members of Congress, engaging the media and meeting with the Biden administration. Thanks to these efforts, we were able to make a strong case that the U.S. government needed to intervene in this matter."

The concerns by U.S. farmers stem from a 2020 decree by Mexican president Andrés Manuel López Obrador that sought to ban imports of biotech corn beginning in January 2024. Mexico issued a revised decree in February of this year that banned biotech corn for human consumption, effective immediately, and left the door open for a future ban on all biotech corn.

Since Mexico is a top market for corn and the number one agricultural export from the U.S., NCGA and state corn grower leaders have made this issue a top pri-

ority. As an example of their efforts, NCGA and state corn grower leaders

•Appeared in major media outlets, such as Reuters, Wall Street Journal, the Hill and on Fox News to make their case that action was needed.

•Engaged corn grower allies in Congress to ensure they were speaking out on the issue with the Biden administration, in the press and in committee hearings.

•Held a briefing for members of Congress and their staff to emphasize the impact to U.S. producers.

•Ensured the concerns of state-based corn growers were heard by the Biden administration.

The media have largely credited NCGA and state corn grower leaders for their advocacy efforts on advancing this issue.

"After months of pressure last fall from the National Corn Growers Association and farm-state members of Congress, the Biden administration sent Mexico a formal, written request on Jan. 30 asking it to justify its proposed biotechnology measures," a Politico reporter noted shortly after the announcement was made.

Now that a dispute settlement request is underway, NCGA and state corn grower leaders will be working closely with USTR as it makes its next steps.

#### Pit Stops

"I like to get horses off the trailer at least every six hours," says Crawford. "We don't just necessarily get them off and walk them around; I really want those horses to get to rest for the time that they're off the trailer."

When at all possible, plan ahead to identify safe and secure areas to unload. And if an overnight is required. research stables beforehand to reserve a space. If your horse is selective about their water source away from home, haul water with you if possible, along with their regular grain and hay to keep them consistent.

"Also, I think it's very important for a horse to get his head down when you get them off the trailer," says Crawford. "It's really, really important for a couple reasons. It stretches their back muscles, and it helps to drain any fluid that they have caught up.'

Crawford recalled two horses being hauled by a shipper and they were not given the opportunity to stretch their heads down: instead they were walked, watered. and tied back up. "For a lot of hours, those horses never drained. We came back home, and two of them ended up

#### Airflow

Keep windows open to offer horses a nice breeze.

"I like good circulation and ventilation in a trailer, winter or summer," says Dr. Allday. "Having good air circulating and removing anything that would build up a lot of the ammonia, in particular, is important.'

Clean air is key, as is keeping airflow from preventing a hot trailer.

"If you have a four-horse trailer with four horses in there, they generate an unbelievable amount of heat,' warns Dr. Allday. "Even in regular temperatures, let's say 72 degrees, four horses require a tremendous amount of air circulation to keep heat from building up inside. During the period of an hour, you can raise the temperature in a trailer by as much as 20 to 30 degrees."

#### Protection

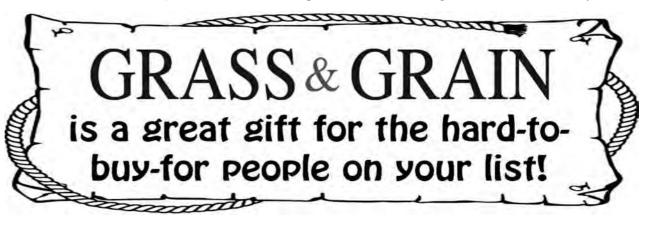
For added protection of their eyes and legs, "We haul our horses with fly masks, so that if anything blows, it doesn't get in their eyes, and we use shipping boots. What I tend to do in the summertime is to use mud or liniment on the legs to help cool the horse," shares Crawford. She specified that in the summer, she uses the mud or liniment by itself, and in the winter months, she'll apply underneath of shipping boots.

Be sure to keep these tips in mind when you and your horses hit the road next.

"These are all really great ideas that Jackie has given you. You're getting a lesson from a person who has been down the road at least hundreds of thousands of miles," said Dr. Allday.

In parting comments, asked about the resurgence of breakaway roping and what it means to her, Crawford didn't balk: "When I started doing this, it was unheard of for a woman to make a living with a rope, and now I think it's actually possible for a lot of girls, if that's what's in their heart, and that's their passion and their drive. They always say that, 'If you do what you love, you'll never work a day in your life.' And I truly feel like that. I work my butt off, but guess what? I love it. It's so fun, and I think that so many other girls are going to get to experience that."

Continue learning about horse care at ValleyVet.com.



#### Page 18 Grass & Grain, June 13, 2023 Mueller joins K-State ASI Department as genetics assistant professor

Maci Mueller has been hired as assistant professor of Animal Breeding and Genetics for the Kansas State University Animal Sciences and Industry Department. As a beef cattle geneticist, her appointment will be 70% teaching and 30% research.

Mueller will be teaching Genetics during the Fall 2023 semester and her research will focus on developing innovative methods and systems to enable the widespread and routine utilization of gene editing, a powerful breeding tool, in cattle production. Her goal is to enhance animal health and welfare while improving production efficiency, by leveraging the potential of genetic-based biotechnologies.

Mueller will earn her doctorate later this month in Animal Biology at the University of California-Davis (UCD). She earned her bachelor's degree in animal science from the University of Nebraska-Lincoln and her master's in animal biology from UCD.

"It is my pleasure to announce that Maci Mueller will be joining our Animal Breeding and Genetics team in early August," says Dr. Mike Day, K-State ASI department head. "Her expertise, background and training will provide important contributions to our teaching, research and extension programs. Maci's husband, Kale, will also join K-State as an Extension Associate in Horticulture. We are very pleased to welcome Maci, Kale and their son, Titus, to our ASI family."

Throughout her graduate studies, Mueller had the opportunity to teach undergraduate students, present to industry leaders, engage with produc-



Maci Mueller has joined the ASI Department at Kansas State University, serving assistant professor of Animal Breeding and Genetics.

By Pat Melgares, K-State

**Research and** 

Extension news service

are raised - including ge-

netic improvements and

Changes in how cattle

ers, collaborate with industry organizations and cutting-edge conduct research. Her graduate research was focused on the application of genetic-based biotechnology, specifically gene editing, in livestock production systems.

During her graduate career, Mueller was recognized for her academic achievements, research accomplishments, and outreach efforts. She was honored with the prestigious American Society of Animal Science (ASAS) Agri-King Outstanding Animal Science Graduate Student Award in 2022 and received the UCD College of Agriculture Van Alfen/ MacDonald Graduate Award in 2021. Additionally, she won the 2021 Beef Improvement Federation Baker/Cundiff Graduate Essav Award.

and outreach," Mueller said. "As a teaching assistant for various animal science and biology courses across different academic levels, I have found great fulfillment in contributing to the cultivation of knowledge and the facilitation of learning among students." Furthermore, her commitment to effective scientific communication and engagement with a wider audience is reflected in her achievement of a Graduate Certificate in Extension, Outreach, and Science Communication.

Originally from Princeton, Nebraska, Mueller will be on campus August 1

"I am overjoyed to be joining the K-State family, and use my research experience, background and connections in livestock production, and communication skills to contribute to the land-grant mission," Mueller says.

#### "I am passionate about animal science education

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As cattle management changes, so too has consumers' taste preferences

matching animals to the environment in which they're raised - has likely led to changes in consumer's perceptions of what makes a good beef product, according to two Kansas State University animal scientists.

"If we look at the last 30 years in the beef industry, when we talk about eating quality, tenderness for a long time was viewed as the number-one driver of customer satisfaction," said K-State meat scientist Travis O'Quinn.

"But we've made massive improvements in beef tenderness and right now we can go to the grocery store and less than 10% of that beef will be considered tough by today's consumers. What that has done is it's changed how consumers view beef. Today, when we feed consumers in our studies and you ask them what they consider the most important palatability trait, flavor consistently comes up by about 70% of consumers as the reason they choose beef.

A.J. Tarpoff, a beef Ex-



tension veterinarian at K-State, said genetic improvements in the beef industry have led to producers being able to select and raise cattle that provide desired traits.

"So we can choose what we want our animals to be with better accuracy than we ever have had in history," Tarpoff said. "That being said, we have answered the call of consumers for what their preferences are, what a profitable animal can be within all stages of production, and match that to their environment. We raise cattle in all 50 states, so we have to be able to match the animal to whatever environment they're raised in, while maintaining the high quality, palatability traits that our consumers demand.'

O'Quinn said the changes have led to a higher percentage of beef meeting USDA's standard for 'Prime' and 'Choice,' and less receiving the lower grading of 'Select.'

"Cattle in the United States are grading better today than they ever have in history," O'Quinn said. "That's a direct result of a lot of things, including improvement, netic selecand proconomic

incentives for producers to produce higher eating quality beef. That resonates throughout the beef chain, and ultimately to consumers in restaurants and in retail.

"It's a great time to be a beef consumer in the United States when we talk about the quality of product that we're putting on the plate.'

Tarpoff noted that improvements in the consumer product have paralleled improvements in animal comfort and care.

"Beef Quality Assurance is a nationally coordinated, state implemented program that is voluntary for cattle producers," he said. (Since its inception in the 1980s) "BQA has become the standardized best management practice certification in the beef industry. Up to 85% of U.S. beef comes from BQA certified, independent producers."

Tarpoff called BQA a "critical piece" of caring for cattle, assuring a quality product and that producers are implementing best management practices backed by science.

"We want to care for these animals the right way," he said, "and we're always looking for better ways to be able to do that."

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## **KLA/KSU Field Days** scheduled for August

Dates have been set for the 2023 KLA/Kansas State University Ranch Management Field Days, Mushrush Red Angus will host the first event August 10 in Chase County. The August 17 field day will be held in Thomas County at Carpenter Cattle Company.

Each event will begin at 3:30 p.m. and include presentations on the history of the host operation and management practices used today, as well as educational sessions and a complimentary beef dinner. The Farm Credit Associations of Kansas and Huvepharma are sponsoring both events.

# Kansas Cowboy Hall of Fame calls for nominees

The Kansas Cowboy Hall of Fame Committee requests nominations of living or deceased individuals for consideration for induction into the Kansas Cowboy Hall of Fame.

Any organization or individual may nominate a qualified person for consideration. The Kansas Cowboy Hall of Fame Committee meets annually to evaluate and determine inductees.

Nomination forms may be requested through Boot Hill Museum, Inc., Front Street, Dodge City, Kansas 67801. Nominations can also be done online at https:// www.boothill.org/kchf-nomination.html#/. Forms must be received by August. 15, 2023 for induction consideration for 2023. Individuals or organizations nominating a person(s) are requested to submit supplementary supporting information. Any materials submitted will be stored within the Boot Hill Museum, Inc. files and will not be returned to the nominating individuals or organizations.

Nominated inductees will be evaluated and selected by a majority vote of the Kansas Cowboy Hall of Fame Committee. No more than one award from each category will be inducted annually.

The 2023 induction ceremonies will take place at the Great Western Hotel, Boot Hill Museum, Dodge City, on Saturday, November 4, 2023. The Kansas Cowboy Hall of Fame Awards will be presented to the honoree, or to a designated representative.

# Sens. Marshall, Baldwin, Moran, and Bennet introduce bill to spur innovation in the livestock feed sector U.S. Senators Roger products making it to our modernize the Federal to safe and effective feed improve production while

Marshall, M.D. (R-KS). Tammy Baldwin (D-WI), Jerry Moran (R-KS), and Michael Bennet (D-CO) recently introduced the Innovative Feed Enhancement and Economic Development (FEED) Act of 2023 (S.1842), bipartisan legislation that would establish a new pathway at the U.S. Food and Drug Administration (FDA) for novel feed additives to increase livestock efficiency and production.

"The agricultural industry sets the gold standard when it comes to livestock production,' Marshall said. "My producers at home continue to want to make more with less and leave the world safer, cleaner, and healthier than they found it. Since the feed industry doesn't have a pathway to bring certain feed products to market, innovation that could be happening here is instead happening with our competitors abroad. I thank Senators Baldwin, Moran, and Bennet for working with me to develop a bipartisan solution that will bring new products to America's ranchers."

"It's critical that our farmers across the nation have the tools they are looking for to cut emissions, achieve their climate goals, and keep our nation fed," said Baldwin. "We know that there are innovative feed products that can help farmers reduce their environmental impact, but onerous bureaucratic processes are getting in the way of these

Propane

agriculture community in a timely way. Our bipartisan legislation will help our farmers access the innovative products they need to reach their climate goals, compete on the world stage with producers who already have these food additive tools, and support our rural economies."

"This legislation will help bolster the animal feed industry and make certain producers in Kansas and across the country have access to feed additives that will support animal nutrition," said Moran. "By expanding research and reducing bureaucratic hurdles at the FDA, more of these products will be available to farmers, encouraging a stronger food supply chain."

"While producers in Europe and South America are using innovative feed additives to stay competitive, bureaucratic red tape has left America's cattlemen and dairy farmers without any options. We need to create a level playing field for Colorado's livestock industry by giving them every available tool to reduce greenhouse gas emissions and improve the sustainability of their farms and ranches, while ensuring health and safety," said Bennet.

"The National Grain and Feed Association (NGFA) commends Senators Marshall, Baldwin, Moran, and Bennet for introducing the Innovative Feed Enhancement and Economic Development (FEED) Act, which will

Food, Drug, and Cosmetic Act to enable innovative products to reach the market and advance improvements in food safety. We strongly endorse this bill that would promote the availability of animal food products with novel benefits, such as improving the environment and reducing human foodborne illness." - David Fairfield, senior vice president, NGFA

"Our industry is bringing forward innovative animal food solutions to benefit animal health, human food safety and the environment, and now, thanks to the leadership of several Senate leaders, we have the legislative solution needed to provide a modernized regulatory pathway to meet marketplace demands. We fully support the Innovative Feed Enhancement and Economic Development Act, and hope Congress will quickly approve this bill, giving our farmers and ranchers the tools they need and putting our international counterparts on notice that we are fully equipped to compete in the future," said American Feed Industry Association president and CEO Constance Cullman

"We commend Sens. Roger Marshall, Tammy Baldwin, Jerry Moran, and Michael Bennet for their bipartisan Innovative FEED Act of 2023 to modernize the Food and Administration's Drug regulatory framework for approving animal feed ingredients. U.S. dairy farmers benefit from access

additives as they continue to innovate on multiple fronts, including bolstering their ongoing voluntary, producer-led sustainability efforts. The bipartisan initiative led by Sens. Marshall, Baldwin, Moran, and Bennet will help them do just that, and we look forward to working with them to enact their bill into law," said Jim Mulhern, president and CEO, National Milk Producers Federation

"On behalf of America's farmer co-ops and their member-owners, I would like to thank Senators Marshall, Baldwin, Bennet, and Moran for their leadership in introducing the Innovative FEED Act today. This bill will modernize the animal feed regulatory structure to help bring innovative new feed additives to market that can reduce methane emissions from livestock and help address the pressing issue of climate change. This will help get new products into the hands of producers and bring certainty to companies looking to invest in this sector," said Chuck Conner, president and CEO of the National Council of Farmer Cooperatives.

#### Background

American livestock and dairy producers are essential to American communities and are among the top exporters in the global market. Part of what makes these industries the best in the world is their commitment to innovation and utilization of the latest technologies to

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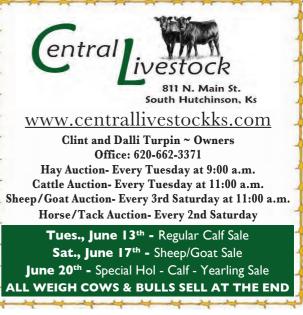
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also reducing their environmental footprint. As the original conservationists, farmers and ranchers steward the land and rely on feed additives to improve the quality and efficiency of meat and dairy. However, innovation to meet these growing demands have stalled due to outdated, one-size-fits-all federal policies.

Over the years, agricultural stakeholders have called for the development and marketing of safe and effective feed additives that can be used in animal food to improve livestock production. Global competitors have been working to meet this demand. Europe, Asia, and South America have updated their policies to have feed products on the market that demonstrate increased efficiency in meat production and byproduct and waste reduction. For example, there are products that could address heat stress in livestock, products that would reduce nitrogen and phosphorus in manure to help

feedlot operators comply with federal and state regulations, products to reduce the presence of foodborne pathogens animal feed, or even to reduce the amount of ammonia in swine manure reducing its smell. The FDA has recognized that some products do not fit clearly within the regulated-as-drugs or regulated-as-foods category. Last year, the agency held a virtual listening session with a public request for information on how to modernize its policies to make way for innovative feed additives.

Building on this effort, the Innovative FEED Act (S.1842) would modernize the approval process by establishing a new pathway for manufacturers to receive approval for feed additives that improve efficiency in meat and dairy production while also reducing byproducts. The legislation also establishes strict guardrails to ensure only qualifying products are eligible for this pathway while also ensuring products are safe to use





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#### Some Highlights Include:

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3 red	493@229.00	10 mix	662@250.00
34 blk	523@273.00	12 blk	670@251.00
15 mix	533@263.00	6 blk	743@231.00
7 blk	535@273.00	2 blk	825@224.00
17 blk	587@257.00	66 blk	866@232.75
114 blk	650@245.00	54 mix	938@223.50
132 mix	728@228.50	110 blk	940@230.25
	STEERS	110 blk	961@227.25
1 blk	325@339.00	118 blk	992@223.00

#### Next Sale: Thursday, June 15

1 load mostly blk steers, 850-900

GO TO OUR WEBSITE FOR DAILY CONSIGNMENT UPDATES WWW.ELDORADOLIVESTOCK.COM

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

Check our website & Facebook for updated consignments: www.eldoradolivestock.com

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Owner/Barn Manager	Aι
(316) 680-9680	
Seth Greenwood	C
Asst. Barn Manager/Fieldman	Au
(620) 583-3338	
Kyle Criger	E
Fieldman	
(620) 330-3300	

Van Schmidt uctioneer/Fieldman (620) 345-6879 Charly Cummings Auctioneer/Fieldman (620) 496-7108 Brandon Fredrick Fieldman (620) 204-0841

Cattle Sale Every Thursday 11:00 AM

# **Champions chosen at Beef Empire Days live show**

A 1,672-lb. black-hided entry fed at Sublette Feeders by Arndt Farms of Emporia and Max Barkley from Scottsboro, Ala., was chosen as champion steer in the Beef Empire Days Live Show, June 6 in Garden City. The reserve live steer was a 1,658-lb. Angus cross entry fed by HRC Feed Yards of Scott City and owned by Arndt Cattle of Emporia, Lee Mayo from Scott City and HRC Feed Yards.

The champion live heifer was a 1,394-lb. black entry fed at Triangle H of Garden City by Melvin Neugebauer from Manzanola, Colo. Sunbelt Feed Yard of Hugoton fed the reserve champion live heifer, a 1,346-lb. Angus cross, for Mid America.

Director of the University of Nebraska West Central Research and Extension Center Kelly Bruns judged the live show. A total of 98 steers and 62 heifers competed in the show, which was sponsored by Merck Animal Health.

When the live show was completed, cattle were transported to Tyson Fresh Meats at Holcomb for the carcass competition.

# UPCOMING SPECIAL ISSUES

County Fair - July 4th Ag Finance - August 8th

KS State Fair Issue (BOGO Half Price) - August 29th Fall Harvest (4 week series) - starts September Fall Full of Bullz - September 12th **G&G Farm Show Edition - October 31st** Soil Health - November 7th **Christmas Business Greetings - December 19th** 

## **DEADLINES:**

County Fair - June 28th, before Noon Ag Finance - August 8th, before Noon KS State Fair Issue - August 23rd, before Noon Fall Harvest - August 30th, before Noon Fall Full of Bullz - September 6th, before Noon G&G Farm Show Edition - October 25th, before Noon Soil Health - November 1st, before Noon Christmas Greetings - Dec. 13th, before Noon

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





# **U.S. Beef Breeds Council elects officers**

The US Beef Breeds Council (USBBC) met in late April, electing new officers to preside over the organization and discuss upcoming goals. Past-president, Montie Soules, of the American Shorthorn Association oversaw the meeting and election of officers. American Wagyu Association's executive director, Dr. Robert Williams, was elected president and will serve a two-year term.

The USBBC is comprised of United States beef breed executives. While addressing shared concerns and goals all breed associations are faced with the USBBC also oversees the appointment of the Ultrasound Guidelines Council (UGC) executive director and board of directors.

"The U.S. Beef Breeds Council is an opportunity for the executive officers of the national beef breed

associations to network, exchange ideas, and identify common ground where we can speak as one voice to support America's beef industry in areas of critical interest," says Williams.

Mark Anderson of the North American Limousin Foundation was elected vice president of the USBBC. "The ability to serve the beef industry on a united front on issues that enhance the economic environment, superior production practices and profitability of beef producers now and into the future is critical to the USBBC. Working together as one effectively increases the ability to support American beef producers," he said.

During the April meeting, Patrick Wall, executive director of the Ultrasound Guidelines Council gave an update on the

ongoing improvement of ultrasound technology to improve the capture of valuable carcass traits. Through the leadership of the USBBC, establishment of the Ultrasound Guidelines Council (UGC) in 2001 has led to stronger genetic prediction of carcass merit for the U.S. beef industry. "The UGC Board has been committed to improving the accuracy of established technology as well as assessing the consistency of new digital ultrasound platforms" says Wall.

"The U.S. Beef Breeds Council unites all U.S. beef breeds as a strong front against those in opposition of animal agriculture and the beef industry. All our members are affected in the same way. If we unite we will be able to use all our strengths in multiple ways," said Soules.

Seven	Day Forecast	In-l	Depth L	ocal Fore	cast	T	'oday's L	ocal Outlo	ok	
	WEDNESDAY Isolated T-storms High: 85 Low: 61 THURSDAY	a 30% thundersto humidity	chance orms, high of 45%. E record high	artly cloudy of show temperature ast southeast temperature	ers and of 85°, wind 10	Washington 85/63		Blue Rapids 84/59	Senec: 84/6	0.0
T	Mostly Sunny High: 89 Low: 66	La	st Week	s Alman	iac	Clay Ce 85/61	nter		4	des .
2	FRIDAY Cloudy High: 85 Low: 60	Date 6/2 6/3 6/4 6/5	Hi/Lo 86/66 85/64 88/60 88/63	Normals 82/58 82/58 82/58 82/58 82/59	Precip 0.42" 0.67" 0.01" 0.00"	100	Ogden 83/59		Wame 85/60	go
W.	SATURDAY Mostly Sunny High: 83 Low: 61			83/59 83/59 83/60	11 11 11 11 11 11 11 11 11 11 11 11 11	Abilen 86/60	85/	nction City 61	- NA	165
	SUNDAY Sunny High: 87 Low: 62	Departure Average t Average r	emp ormal	·····	. +0.15" 75.8° 70.6°		ALC A		ouncil G1 /61	ove
×4	MONDAY	1		T	his Week	's Sun & M	oon Chai	rt		
AF &	Mostly Cloudy High: 90 Low: 67	New 6/18		Day Wednesday Thursday	Sunrise 6:00 a.m. 6:00 a.m.	Sunset 8:54 p.m. 8:54 p.m.	Moonrise 3:30 a.m. 3:59 a.m.	Moonset 5:44 p.m. 6:52 p.m.	and the	Fu 7/3
	TUESDAY Few Showers High: 89 Low: 64	First 6/26	(là st	Friday Saturday Sunday Monday Tuesday	6:00 a.m. 6:00 a.m. 6:00 a.m. 6:00 a.m. 6:00 a.m.	8:54 p.m. 8:55 p.m. 8:55 p.m. 8:55 p.m. 8:56 p.m.	4:33 a.m. 5:13 a.m. 6:00 a.m. 6:54 a.m. 7:53 a.m.	7:58 p.m. 9:00 p.m. 9:56 p.m. 10:43 p.m. 11:23 p.m.		La: 7/9
L	ocal UV Index			Weatl	her Histor	ry	Gi	rowing Deg	gree Da	ys
) - 2 3	¥ 4 5 6 7 8 9 10		Oregon. A c Creek and a	loudburst in the 20-foot wall of	he hills sent a of water swept	aster" occurred flood down Willo t away a third of t g 100 million dolla	bw 6/2 he 6/3	egree Days D 26 6/ 24 6/ 24 6/	7	ee Da 24 27 29

## **Because of the** Juneteenth federal holiday, the

- Sales Representative briana@agpress.com gand	Donna Sullivan - Managing Editor – dgeditor@agpress.com Office: 785-539-7558	June 20 issue of Grass & Grain will be delayed.				
Sell or Buy Cattle		St. TARTING TIME 10:30 AM	Marys Tuesdays			
We sold 882 cattle June 6. Steer and heifer were in good demand at higher prices on a ligh ing. Feeder steers and heifers sold \$10.00-15.00 Cows and bulls were steady to \$3.00 higher.	ht offer- ) higher.         4 blk/red hfrs 1 char hfr 1 blk hfr         850 @ 206.00           1 blk hfr         1025 @ 179.00           850 @ 178.00         1025 @ 178.00	1 blk cow         1245 @ 95.50           1 blk cow         1235 @ 95.00           1 red cow         1000 @ 94.50           1 blk cow         1100 @ 94.00	FEEDER BULLS         BULLS           3 blk/red bulls         947 @ 194.00         1 char bull         1285 @ 136.00           2 blk/red bulls         950 @ 181.00         1 blk bull         2200 @ 125.00           2 x-bred bulls         988 @ 180.00         1 blk bull         2330 @ 122.50			
STEER & BULL CALVES         60 mix strs         955 @           1 blk bull         325 @ 276.00         16 blk strs         925 @           2 blk strs         448 @ 275.00         13 blk/bwf strs         983 @           5 blk strs         512 @ 274.50         2 blk strs         365 @ 270.00	@ 209.25         COWS & HEIFERETTES           @ 208.50         1 blk hfrt         1385 @ 121.00           @ 201.50         1 blk cow         1555 @ 114.00           1 blk hfrt         1005 @ 113.00           ES         1 blk cow         1525 @ 109.00	1 bwf cow         980 @ 93.00           1 bwf cow         1205 @ 90.00           1 blk cow         1180 @ 88.00           1 blk cows         1095 @ 87.00           1 red cow         1005 @ 86.00           1 blk cow         1005 @ 80.00	2 x-bred bulls       1025 @ 179.00       1 red bull       1510 @ 121.00         1 char bulls       1105 @ 173.00       1 red bull       1470 @ 120.00         1 x-bred bull       1180 @ 161.00       1 blk bull       1425 @ 119.00         1 brndl bull       1005 @ 146.00       2 char bulls       1258 @ 118.00         1 char bull       1090 @ 145.00       1 blk bull       1750 @ 117.00			
1 blk str       405 @ 250.00       1 bwf hfr       320 @         1 blk hfr       430 @         STOCKER & FEEDER STEERS       4 blk/bwf hfrs       544 @         1 blk str       585 @ 247.00       1 blk hfr       245 @         45 blk/red strs       799 @ 234.25       3 blk hfrs       535 @	@ 254.00         1 blk cow         1495 @ 107.00           @ 252.00         1 bwf cow         1395 @ 106.00           @ 249.50         1 blk cow         1640 @ 105.00           @ 240.00         1 blk cow         1365 @ 104.50           @ 233.00         1 bwf cow         1365 @ 104.50	1 blk cow         1220 @ 74.00           BRED COWS & HEIFERS           1 blk cow         @ 1350.00           1 blk hfr         @ 900.00           1 blk cow         @ 850.00	<ul> <li>CONSIGNMENTS FOR TUESDAY, JUNE 13, 2023:</li> <li>50 Angus strs &amp; hfrs, 450-550 lbs., weaned, vaccinated</li> <li>35 blk bwf strs &amp; hfrs, 550-700 lbs., weaned,</li> </ul>			
1 blk str       775 @ 229.00       1 blk hfr       435 @         63 blk/red strs       907 @ 228.75       1 blk hfr       235 @         37 blk/red strs       835 @ 227.50       1 blk hfr       305 @         58 blk/bwf strs       864 @ 226.00       1 blk hfr       525 @         2 blk/bwf strs       630 @ 225.00       1 blk hfr       525 @	@ 227.00         1 bwf cow         1450         @ 102.00           @ 220.00         1 blk cow         1235         @ 100.00           @ 216.00         1 blk cow         1240         @ 97.00           @ 215.00         1 blk cow         1150         @ 96.50           1 blk cow         1180         @ 96.50	COW/CALF PAIRS           2 blk cows/cvs         @ 1900.00           2 blk cows/cvs         @ 1875.00           2 bwf cows/cvs         @ 1500.00           1 x-bred cow/cf         @ 985.00	<ul> <li>vaccinated</li> <li>60 blk steers, 925-950 lbs.</li> <li>61 blk xbred steers, 900-950 lbs.</li> </ul>			
	@ 216.50		CONSIGNMENTS FOR TUESDAY, JUNE 20, 2023: • 44 blk red Angus strs, 800-825 lbs., off brome			

Jur CONSIGNMENTS can now be viewed after 12 noon on mondays by going to www.yrassalivyralli.com & logging onto the online subscription

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**AUCTIONEERS: DENNIS REZAC & REX ARB** 



Livestock Commission Company, Inc.