



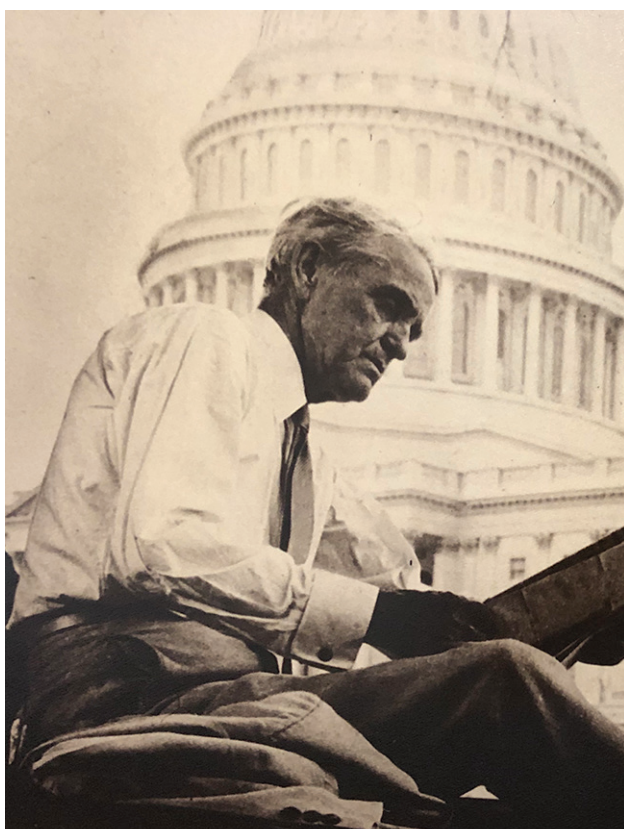
Capper's influence on youth and agriculture still seen today

By Donna Sullivan,
Editor

From publishing to politics, from 4-H to philanthropy, the influence of Arthur Capper can be found throughout programs in the state of Kansas. This year, the Capper Foundation celebrates its 100th anniversary, and its founder would have celebrated his 155th birthday in 2020.

Capper was born in Garnett on July 14, 1865 and began his journalistic career at the age of 14 when he became a "printer's devil" at the *Garnett Journal*. The term refers to a person, generally a young boy, who serves at or below the level of apprentice in a printing business. That foray into the world of print journalism was the beginning of a long and storied career. With his high school diploma newly in hand, he became a typesetter for the *Topeka Daily Capital* and began to work his way up the ladder until becoming an editor. He also served as a correspondent for the state legislature and U.S. Congress. In time, Capper's passion for print and desire to expand his horizons led him to journey from the Sunflower State to the Big Apple, where he went to work for the *New York Tribune*. Then it was off to Washington D.C., where he worked as a congressional correspondent.

When he returned to take up residence once again in his home state, Capper purchased two Topeka newspapers, the *Mail* and the *Breeze*. He returned to a struggling Tope-



Arthur Capper would have celebrated his 155th birthday this year, and the Capper Foundation marks its 100th anniversary in 2020, as well.

Courtesy photo ka Daily Capital to become its editor and publisher and in 1901, purchased controlling interests in the paper. Ten years later, the *Saturday Evening Post* called the Capital under Capper's leadership "one of the best and brightest dailies in the West."

Capper first held public office when he was named a member and chairman of the Board of Regents of the Kansas State Agricultural College, now Kansas State University. He served in that role from 1910-1913.

Politics was the next

target Capper decided to aim for. He ran for governor of Kansas in 1912 and was narrowly defeated by Democrat George H. Hodges. It was the only election he would ever lose. Two years later he ran again and became the first native-born Kansan to be elected governor, serving two terms from 1915 to 1919. He then served five terms as a U.S. senator from 1919 to 1949. While in the Senate he was chair of the agriculture and forestry committees during the 80th Congress and in 1922, co-sponsored the Cap-

per-Volstead Act, which exempted farm cooperatives from anti-trust laws, leading to a rush of agricultural co-ops. When he opted not to run for a sixth term at the age of 83, he held the Kansas record for the longest-serving senator at thirty years in office.

In 1927 Capper purchased WIBW, which was one of the first radio stations in Kansas.

Using his influence for the good of youth was a pillar of Capper's life. He formed agricultural clubs to loan money to students to start small business. Those clubs were the forerunners of today's 4-H program and Capper was later named to the 4-H Hall of Fame. 4-H is now the nation's largest youth development organization, serving nearly six million youth across the U.S. and 88,000 in Kansas.

Each year from 1908 to 1951, Capper celebrated his birthday with a huge party called "Children's Day," complete with a carnival, pony rides, games, ice cream and refreshments, all free to the public.

In keeping with his concern for children, he established the Goodfellow's Club Topeka, a group of men who gave candy and toys to youngsters on Christmas. The story is told of how, when the fear of diseases like polio rendered children unable to go outside to receive gifts, he created the Capper Fund in his top desk drawer that would be used to pay for surgeries, physical services and equip-

ment. That simple act of generosity grew to become the Capper Foundation, a non-profit incorporated in 1934 as The Capper Foundation for Crippled Children.

Capper's publishing empire included two weekly, two daily and five state farm papers, and two national magazines. *The Capper Weekly*, now known as *Capper's Farmer*, is owned by Ogden Publications and continues publishing.

When he died in 1951 at the age of 86, he left 25,000 shares of Capper Publications stock to the Capper Foundation, which allowed them to purchase land and build the campus at 3500 SW 10th in Topeka, offering services for children with disabilities. It has since expanded to include all age groups with

intellectual and developmental disabilities. Now in its 100th year, it serves 23 Kansas counties and 63 cities across the state.

From the farm gate to the 4-H meeting, the benefits of Arthur Capper's influence on agriculture and youth continue to ripple through and benefit society.

Arthur Capper Points of Interest

Garnett, Kansas

Arthur Capper Memorial, 5th and Cedar, site of his birth home.

Anderson County Historical Museum, 418 W. 6th, houses Capper artifacts and personal belongings, including a top hat, letters and photos.

Topeka, Kansas

Capper Foundation, 3500 SW 10th, displays a walking tour memorializing his career and philanthropic achievements.

Kansas State Capitol, 300 SW 10th – second floor rotunda, displays a Pete Felton statue of Arthur Capper and a Walk of Honor Plaque on the statehouse grounds.

Topeka Cemetery, 1601 SE 10th, is Capper's resting place, adjacent to his father-in-law Governor Samuel Crawford.

Downtown Topeka Statue, 700 Block of South Kansas Avenue – west mid-block pavilion, celebrates the icon of publishing and Capper's importance to Topeka's history.

Upcoming celebrations include:

• Capper Legacy Celebration — July 14, 2020

Join us at The Vineyard in Topeka, KS, for food and ice cream, as we celebrate the 155th birthday of our founder, Senator Arthur Capper, and our 100th year of continuing his mission to build abilities.

• 100th Anniversary Gala — November 7, 2020

In celebration of our 100th year of service, this event will be held at the Ramada Hotel and Convention Center in Topeka, KS, to raise funds for Capper Foundation's program and service for children and adults with disabilities.

Wheat prices bright spot in coronavirus situation

By Donna Sullivan, Editor

As the United States adjusts to the new normal brought on by the COVID-19 pandemic, many are searching for bright spots in these troubling times. With the winter wheat crop breaking dormancy and producers working to get fields sprayed, prices are providing that much-needed ray of hope. Recent futures prices were close to \$5.00 per bushel for new crop contracts the middle of last week, and were approaching January highs.

According to Kansas Wheat CEO Justin Gilpin, the uptick in prices was driven at first by the increase in domes-

tic demand as consumers stocked up on bread and flour products. "Now that the initial surge of demand has passed after about a three-week flurry, we are seeing that local demand even back out as flour millers and bakers have gotten product in pipelines and back on the shelf," he said.

With domestic supply and demand becoming more consistent and stable, Gilpin says attention in the wheat market is being turned to international buyer interest and potential disruptions with government export quotas in the Black Sea region. He explained that Russia

has instituted an export quota close to what was expected, but the fact they are making government decisions on exportable supplies is concerning. "What if they take it a step further?" he questioned. "So buyers are working to ensure they have wheat in their pipelines to deal with that potential uncertainty."

The National Ag Statistics Service weekly crop progress report for the week ending March 29 provided additional good news, with Texas, Oklahoma and Kansas achieving 56%, 70% and 50% good to excellent ratings respectively. Potentially

dry conditions are always a concern and the crop will need favorable temperatures and rainfall as it finishes out. For Kansas, topsoil moisture supplies rated 5 percent very short, 11 percent short, 69 percent adequate and 15 percent surplus. Subsoil moisture supplies rated 5 percent very short, 11 short, 72 percent adequate and 12 percent surplus. Gilpin said there are pockets of very thin stands of wheat in southwest Kansas as top soils are drying out.

The 6.8 million acres planted to winter wheat in Kansas this year is the lowest since 1909 and Gil-

pin points out that, combined with Nebraska's lowest wheat seedings on record, there is less room for error on production shortfalls in the U.S. "So the market will watch this year's crop prospects closely," he said.

Another casualty of the social distancing mandate brought on by the coronavirus is the Wheat Quality Council Hard Winter Wheat Tour, which usually takes place the first week of May prior to the USDA's first crop production forecast for Kansas. For the first time in five decades, the cars filled with wheat industry leaders will not traverse the state to report

their findings on the condition of this year's wheat crop.

While the Prospective Plantings report helped bolster wheat prices and firmed up soybeans, the indication that U.S. farmers intend to plant the most acres to corn in eight years put pressure on corn futures. The ethanol industry has also suffered, as the demand for fuel has decreased due to travel restrictions. According to a report in *Reuters*, falling gasoline prices and lower demand, some in the industry believe it's only a matter of time before ethanol plants decide to cut rates or close altogether.

COVID-19 isolation a time to update farm and ranch record keeping

By Glenn Selk, Oklahoma State University Emeritus Extension animal scientist

The current "COVID-19" situation has temporarily changed a great deal about our daily lives. For many farm and ranch families it means that the son or daughter that had been going to high school or college is now at home and

helping with the chores. Why not take advantage of the technology skills that these young people could bring to the operation?

They probably still have online classwork to complete. Plus you need their assistance watching cows or heifers at calving time, and with feeding and caring for all livestock on the ranch. In addition, that low spot on the south 40 needs to have the fence repaired or replaced.

After all of that work is done, perhaps they could perform an especially important task of starting a new digitized record system for the cattle operation. If the ranch already has an older computerized system in place, a modernized update of the system may make it more "user-friendly" and valuable.

A good place to start on record-keeping would be to study the National Beef Quality Assurance Manual Chapter 6. This document gives guidelines of key items to record on the vaccinations and treatments that are given to cows, calves, or yearlings. The accurate, up-to-date

health records can be of value to both you and your veterinarian in assessing the effectiveness of treatments and disease protection. Plus these records can serve as aids in protecting your operation in the rare case that a violative residue is found in an animal that previously was in your control.

Health records are not the only items of information that could be put to good use by having an easily updatable record system. Production records have always been useful in selection and culling decisions. Current inventory of cattle by pasture location will be very useful in the aftermath of wildfires or tornadoes where fences are destroyed and cattle are scattered and mixed with others.

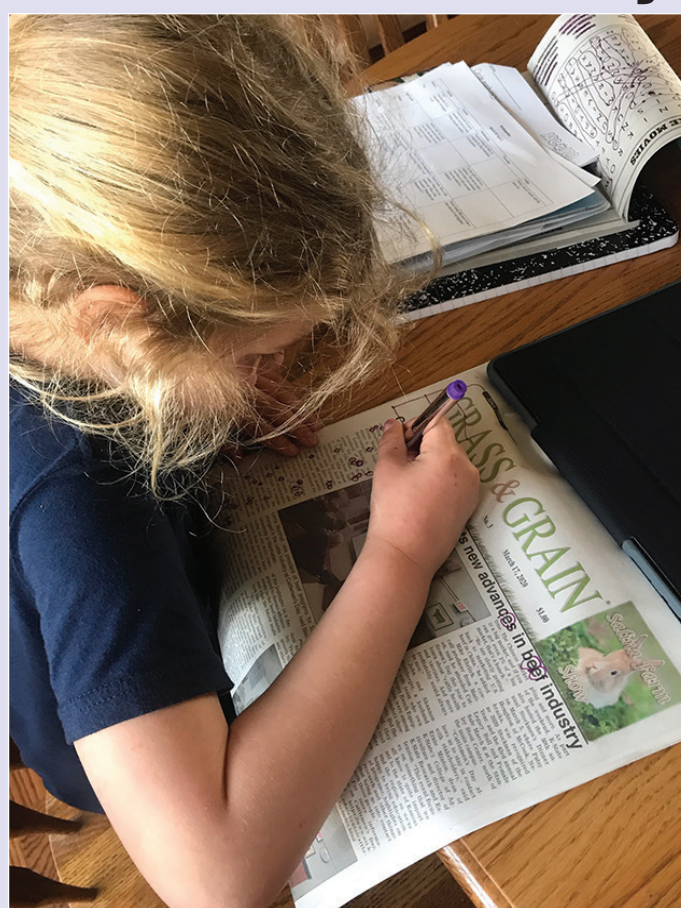
Working alongside that young, tech-savvy son or daughter as you develop a record-keeping system will make it easier for "old-timers" to understand the record program that was developed. The young people will learn a little more about the ranch operation and you

will learn a little about computer software. Who

knows, you both may come away from this effort with

more appreciation of each other's skills.

G&G as a study tool



When Koy Nelson of Leonardville was instructed to find and circle the letter E in a newspaper, she found *Grass & Grain* beside her dad's chair and set to work.

With homeschooling now the norm for students due to the coronavirus, parents are finding many creative ways to educate their children.

Send us your homeschooling photos, whether it's the Three R's (Reading, 'Riting and 'Rithmetic), or life skills you're sharing with your kids. We'll post them to our Facebook page and some will be printed in the paper. Email photo to gandeditor@agpress.com.

Remember, we're all in this together, and together we'll get through it.

Photo by Becky Nelson

**By Noah Ochsner,
Kansas Farm Bureau**

I will never forget the day this “all started” on March 11. Me and some of my fraternity brothers were making our way back to Kansas after spending spring break skiing in Colorado and visiting Utah. We were headed back early because, at that time, it was only a rumor that Kansas State University would be moving instruction to online only. That night we were in our hotel room when a Utah Jazz player tested positive for COVID-19 or the coronavirus. The NBA suspended the entire season. As avid sports fans who follow the NBA, we knew this was becoming an increasingly serious situation. Earlier that day the World Health Organization declared the virus a pandemic.

The next morning we woke up to K-State announcing classes would be online until further notice. We sat in complete

FSIS to propose voluntary COOL label

USDA's Food Safety and Inspection Service plans to propose a new rule that would create a voluntary country of origin label that could be used on beef products from livestock born, raised and slaughtered in the U.S. The agency said that a more accurate reflection of origin may focus on where the product is raised and slaughtered – not where it is born.



Well, I am the first victim of the COVID-19 crisis in my family, I was off my feet for almost two weeks. Okay, before you all get too worried, especially those who encountered me, I do not have the virus, but I was a victim of the crisis. No, my respiratory system is just fine, if you don't count seasonal allergies. I had a refrigerator accident.

My daughter's college year was a victim of the shutdown and we had to move her out of her college apartment. Not too much trouble; she did not have much furniture and had already moved a lot of her stuff home. Pretty much all that remained were a few pieces of furniture, a microwave and her college dorm refrigerator. The hardest part about the move was that she was on the second floor and the steps down were kind of rickety.

I decided that her refrigerator was the biggest item so we would bring it down first and fill in around it. Being the big, strong dad, I decided I would carry it down by myself. Carefully and slowly I made my way down the steps and soon I got to the bottom, upright and unscathed. I told everyone around that I had made it and the hard part was over. Then I took the next step.

I stepped out on the grass. It was wet from a rain that morning, and my foot slid back under me and down I went. Don't worry, the refrigerator landed on top of me and did not suffer a single dent or scratch. I, on the other hand, sounded like a bowl of Rice Krispies on the way down with a lot of snaps, crackles and three loud pops. The pain was immediate and being no stranger to leg injuries, I know when to stay down.

Tatum and the nice lady who is the superintendent of the building immediately rushed over and asked if I was okay. I told them I was not, and they got me a chair to sit on while I tried hard not to pass out. Tatum and the superintendent's husband proceeded to carry everything down while the world spun around my head and got fuzzier and fuzzier. With the last load Tatum asked if I needed to go to the emergency room.

silence as we realized our lives were quickly being turned upside down. The seven-hour drive back to Kansas was largely silent. As more news rolled in, events around the nation were canceled, including the entire NCAA tournament. We arrived in Manhattan and parted ways. We didn't know it then, but that was the last moment we would all have together possibly until August. The next day, K-State announced the remainder of our semester would be conducted online. Our lives came to a complete stop.

All of this has been hard to take in for everyone. No matter who you are, in some way you have been affected by this pandemic. Personally, it has been very hard. I thrive on working with others and being around people constantly. That all changed in a matter of days.

Many of us have given up a lot. Graduations cancelled or postponed, intramural championships never to be played. Spending time with people we considered to be family, those memories you make in college, all stripped away in a matter of hours.

The hardest part for many of us is that we have no control over any of this. The feeling of helplessness and complete loss is hitting college students around the country. But we all understand why. The best thing all of us can do is stay home to protect the ones we love. We understand that although we might not be at risk if we get this virus, we absolutely comprehend the

threat it poses to many of our family members and those we love.

That's helped me realize this is so much bigger than any of the things I am losing over the next few months.

But, amidst all of this, we all have things to be thankful for. Every day I must remind myself that although this is insanely hard, everyone else is in the same boat. Yes, that boat at times seems like it is sinking and on fire simultaneously, but we are all a part of it.

These last few days have been trying moments and tough times for our state and nation. How we act now will forever go down in history. We should choose to work together, be there for our neighbors, and show the compassion and caring we Kansans are so proud of.

I have seen light in all of this that should give us all hope. People around the state are coming together to support each other when we need it most. Although we may not be able to give each other hugs, we can still show the compassion we have through one another in various ways. That all starts by staying home, only buying what we need and supporting local businesses in any way we can while maintaining the health and safety of our communities.

My hope is when this pandemic ends — and it will end — we are all able to cherish the moments we have with the ones we care about the most. Because you never know when life as you know it might come to a screeching halt.

“Insight” is a weekly column published by Kansas Farm Bureau, the state's largest farm organization whose mission is to strengthen agriculture and the lives of Kansans through advocacy, education and service.

“Not this one,” was my reply. “Just get me in the car.” With everything going on in the medical world I did not want to visit an emergency room two and a half hours from home.

The transition to the car was not good, but soon I had a handful of Advil and some food and life was tolerable... if I did not move. It was a long drive home. When we got there, I immediately made my way to bed, propped my foot up and stayed there for four days. I knew that there was no reason to go to the doctor until the swelling was down and I did not want to go anyway. After the four days passed I started to make my way around the house gingerly and then outside. After two weeks I am happy to report that I am somewhat mobile and can at least help a little with chores.

In the meantime, Tatum really took up the slack. Everyone else had jobs to go to, so she had to do the morning chores all by herself. She learned a lot of things in the weeks I was laid up. Mostly she learned how important classes were so that she could get a paying job and move away from home. I learned just how capable both of my kids were and just how humbling it is to find out that they can run things as well as I can.

I thank my lucky stars that the injury was just a bad sprain and that life is gradually returning to normal, or as normal as it can be in this COVID-19-crazy reality we are in. It reminded me of how important my health is but also just how great and capable the rest of my family is. I think that is a realization most of us are coming to recently. Health is a precious thing and should never be taken lightly. That takes a backseat to reconnecting with our family and especially our kids.

I suspect as I continue to get better, I will get back into the busy springtime swing of things on the farm. Social distancing is not hard for those of us who farm and ranch in the spring. However, I will do so with a renewed and greater appreciation for the adults my kids have turned into. That and a slight limp.



Well, as I write this I am in week two of working from home due to the social distancing mandate brought on by the coronavirus. All in all, it's going pretty well. I can honestly say that I have spent more time in my house than I have the entire time since we built it. Not going to the office every day has given me back that hour of driving time, so that's nice. I'm diligent to make sure I give my employer all the time I'm being paid for, but still have time to tackle little projects. This week's project has my family thinking I may have gone completely off my rocker because it is so uncharacteristic of me. I got three chickens.

Of course, there is a back story.

A couple of months ago, as I was driving down the driveway, I noticed this little shed-like thing a ways off, out in the grass. It may have been there awhile, because I'm not exactly known for my keen powers of observation – my husband once cut down a huge tree in our front yard and it took me three weeks to notice. He shaved his mustache off a few months ago and our 4-year-old granddaughter realized it before I did. Anyway,

I came in the house and asked him what the heck he had dragged home now.

“It's a chicken house,” he replied.

“Why in the world did you bring that home?” I demanded. I will admit to having little patience for the treasures he locates and rescues for repurposing.

“I don't know,” he said. “I thought the grandkids might use it some day.”

I stomped off and slammed a few doors to illustrate my displeasure. I don't think he noticed.

I can't even really explain what happened a couple of weeks later. I wasn't thinking about chickens or the little chicken house, but suddenly, these words just came out of my mouth. “You know, there's a little teeny part of me that would kind of like to have some chickens.”

My husband choked on his coffee and looked at me like he thought I'd either suffered a blow to the head or been kidnapped by aliens who left an imposter in my place. He remained speechless for several seconds.

“Well,” I said. “You brought home that chicken house, and I'm going to be home for awhile.”

We might as well put it out by the garden and have our own fresh eggs.”

So, that Sunday afternoon, we moved the chicken house over by the garden and I went and got three chickens from my niece, who has already gained a reputation as a crazy chicken lady.

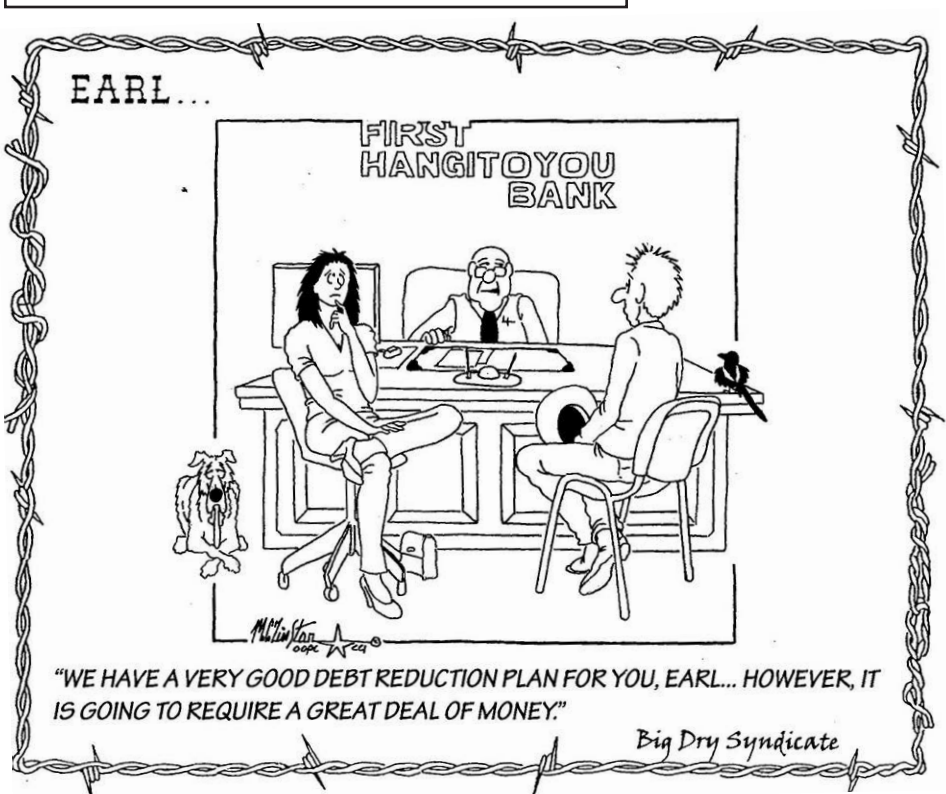
I can't even begin to describe the extreme pleasure I get from taking care of those chickens and going out each day to find three beautiful brown eggs. When I'm feeling stressed, I go out and talk to them. Not lengthy conversations, mind you, I'm not crazy. Just a “Hello girls, how are you doing today?” They respond with soothing clucks, then I return to the house and get back to work.

In this stressful, crazy time we are experiencing, I highly recommend a little chicken therapy if you can find it. You don't have to get your own – you're welcome to come talk to mine. Just be sure to keep your distance. I'll give you a hearty, welcoming wave from at least six feet away.

Meat demand rising; supply chain is catching up

Current supplies of meat in retail cases are catching up as the supply chain works through significant increase in demand. Meat sales surged 77% the week of March 15 with ground beef as the biggest winner. Chuck and ribeyes also saw considerable growth, resulting in an extremely positive year-over-year performance for beef.

Additionally, Derrell Peel, livestock marketing specialist with Oklahoma State University Extension, says that there will be no shortage of meat in the U.S., and production of beef, pork and poultry are projected at record levels in 2020. Specifically, beef production is projected to be 1.9% higher year-over-year in 2020, totaling 27.7 billion pounds.



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GRASS & GRAIN

Published by AG PRESS

785-539-7558
Fax 785-539-2679

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GRASS & GRAIN (USPS 937-880)

The newsweekly for Kansas and southern Nebraska, published each Tuesday at 1531 Yuma (Box 1009), Manhattan, KS by Ag Press, Inc. Periodicals postage paid at Manhattan, Kansas and additional offices. Postmaster send address changes to: Ag Press, Box 1009, Manhattan, KS 66505.

Subscription — \$76 for 2 years. \$41 for 1 year, plus applicable sales tax. Outside Kansas, \$51 for 1 year, \$95 for 2 years.

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Our Daily Bread

***** By G&G Area Cooks *****

Beth Scriptor, Abilene, Shares Cherished Recipe To Win Grass & Grain Contest

Winner Beth Scriptor, Abilene: "Here is a recipe in memory of Thelma Baldock. I miss seeing her recipes in the Grass & Grain. I got her recipe book out that I have and cherish. Here is a good one for a Coffee Cake."

COFFEE CAKE (original recipe by Thelma Baldock)
 3-ounce box instant vanilla pudding mix
 1 box white or yellow cake mix
 4 eggs
 1 cup sour cream
 1/2 cup salad oil
 1 teaspoon vanilla
Topping:
 1/2 cup brown sugar, packed
 2 teaspoons cinnamon
 1/2 cup chopped pecans
 Mix pudding, cake mix, sour cream, eggs, oil and vanilla in a large bowl. In a small bowl mix the topping ingredients. Grease and flour a tube pan. Pour about 1/4 cup of batter into pan then layer part of the topping mixture. Continue until all ingredients are used. End with topping. Bake at 350 degrees for 55-60 minutes. Serves 10-12.

Mary Hedberg, Clifton:
 "May be served with Cool Whip or ice cream."

MY LAZY DAY COBBLER

2 sticks oleo
 2 cups sugar
 2 cups flour
 2 teaspoons baking powder
 1/2 teaspoon salt
 1 cup milk
 1 can cherry pie filling
 1 can crushed pineapple
 Melt oleo in a 9-by-13-inch pan. Mix the sugar,

flour, baking powder, salt and milk. Beat until smooth. Pour over melted oleo. Do not stir. Pour pie filling and pineapple over batter. Bake at 350 degrees for 45 minutes or until browned.

Kellee George, Shawnee: HAM PATTIES

3/4 pound ground ham
 1/2 pound ground beef
 1 1/2 teaspoons dry mustard
 1 egg

1/2 cup bread crumbs
 1/2 cup milk
 2 tablespoons brown sugar
 6 strips bacon

Mix all ingredients except bacon and blend well. Shape mixture into 6 patties. Wrap bacon strips around patties and secure with toothpicks. Put on grill and cook on each side until done.

Darlene Thomas, Delphos: WHOOPIE PIES

1 box spice cake mix
 1 1/2 cups apple butter
 1/2 cup canola oil
 2 eggs
 8 ounces cream cheese
 4 tablespoons butter
 3 cups powdered sugar
 2 tablespoons milk
 1 teaspoon vanilla

Heat oven to 350 degrees. Line baking sheet with parchment paper. In a large bowl whisk spice cake mix, apple butter, oil and eggs. With an ice cream scoop or large tablespoon, spoon batter into rounded heaps, about 2 to 3 inches in diameter onto parchment paper. Space spooned batter 2 inches apart. Bake 14 minutes. Let cool. In another large bowl beat cream cheese, butter and powdered sugar until smooth. Add milk and vanilla; beat until blended. Frost flat sides of pie halves and place halves together. Refrigerate and store in sealed container.

Rose Edwards, Stillwater, Oklahoma: LEMON BREAD

1/2 cup oleo
 1 cup sugar
 2 eggs
 Grated rind of 1 lemon
 1 1/2 cups flour
 1 teaspoon baking powder
 Dash of salt
 1/2 cup milk
 1 cup chopped nuts
 1/2 cup powdered sugar
 Juice of 1 lemon

Cream oleo and sugar until light. Beat in eggs and rind of lemon. Sift flour, baking powder and salt. Add 1/3 at a time alternately with the milk to the egg and sugar mixture. Fold in nuts. Pour into an oiled loaf pan 8-by-4-by-2-inch and bake at 350 degrees for 45 minutes. While hot and still in the pan put several holes in the bread with a toothpick and pour over the bread a mixture of 1/2 cup powdered sugar and juice of lemon. Leave in pan for 10 minutes then remove to cool with glazed side up.



Baking With Sugarbuns

By Michele Carlyon Burning For A Fresh Start

Before I even reached the bottom of J-Hill last night, I was greeted with the sight and smells of pastures burning. I already knew where it was coming from; my brothers and dad were out doing one of the things they love to do ... allowing the land a fresh start.

Growing up on Carlyon Road, I didn't get it; the fire burned my lungs and I didn't find the beauty that it held. I didn't understand the symbolism that it could provide. Last night as I got closer to the top of the hill, the smoke got thicker and I couldn't help but to smile. To be honest, life has been a little crazy right now, as I know it has been for most, but last night helped to put a little perspective back on life.

I continued down the road and around the corner to my parent's house for an intense game of hide and seek and a long conversation about what time the girls thought they should be home by. After much deliberation, they put on their shoes, loaded up and we headed out.

As I drove the quarter mile between my parent's house and my brother's house, the girls could see the fire burning through the clear-

ing and if you have ever been in the vicinity of a two- or three-year-old, you know exactly what was about to be fired my way... "why?"

How do you explain such a thing to such a small human? They were quick to inform me that: "we don't touch fire, it's dangerous, but can we go see it?" I did what any good aunt would do; I took them for a little drive. We went down the road and around the corner to the entrance of the wheat field, giving them the perfect view of the fire gracefully rolling down the hills. They begged and begged to get out and get a closer look, I neglected to honor that request.

They wanted to know why the boys were burning and why all of them were spread out while doing it.

I explained that by burning the yucky dead grass and trees they will go away and make room for something new and beautiful. I explained that if the boys were all together when burning they wouldn't be able to stop the fire if it got out of hand on the other side; they had to divide and conquer.

While I hate to compare COVID-19 to the burning of the pastures,

it seems fitting. It's literally stripped us down to nothing but the essentials and we are forced to start over from scratch. Ultimately when burning, you trust that the world will provide you with the right conditions for new grass and new life, but in the process things that once were, are now gone. COVID-19 has been a big slap in the face as a reminder that we really can't fix a bigger problem on our own, it takes everyone working together, from every corner imaginable; but together we can tackle any challenge.

I wish I had a timeline for when things would go back to normal, but while we wait, just remember to find time for the little things and never stop asking the big question, "why?" Try to be thankful for what we have and keep reaching out to ensure that people know you care about them. Find time to figure out what makes your soul happy. Life will eventually get back to normal, but until then, I will be over here in my own little world baking and counting down the days until I can have my normal back.

Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field for six years before deciding to switch careers and now works as an office manager for a company that manufactures oilfield products. Her passion for blogging and food can be followed on Instagram: [boobsbrain-sandbaking](#)

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The winner each week is selected from the recipes printed. Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you.

1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear. 2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.

3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR e-mail at: auctions@agpress.com

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(Family Features)--This Easter, satisfy guests of all ages with festive cupcakes modeled after the Easter bunny.

For more Easter recipes, visit Culinary.net.

BUNNY BUTT CUPCAKES

Recipe courtesy of Amanda Rettke of "I am baker"

Prep time: 45 minutes
 Cook time: 20 minutes
 Servings: 24

2-layer size white cake mix
 1 tablespoon + 2 teaspoons McCormick Pure Lemon Extract, divided
 1 tablespoon McCormick Pure Vanilla Extract
 3/4 cup white chocolate chips
 2 sticks butter, softened
 16 ounces confectioners' sugar
 2 tablespoons milk
 10 drops McCormick Green Food Color
 1-2 drops McCormick Red Food Color
 12 large marshmallows, halved crosswise
 3 tablespoons white nonpareil sprinkles

Prepare cake mix as directed on package, adding 1 tablespoon lemon extract and vanilla. Spoon 3 tablespoons batter into 24 paper-lined muffin cups. Bake as directed on package for cupcakes. Cool cupcakes on wire rack.

To make bunny feet: In medium, microwave-safe bowl, microwave white chocolate chips on high 30 seconds. Stir until completely melted and smooth. Spoon into pastry bag or re-sealable plastic

bag. Snip small corner from bag. Pipe 24 pairs of bunny feet onto parchment or wax paper-lined cookie sheet. Use toothpick to smooth out bumps or rough edges, and gently tap cookie sheet on counter to help settle. Allow to harden 2 minutes in freezer or 15 minutes in refrigerator.

To make frosting: In large bowl, beat butter and remaining lemon extract until light and fluffy. Gradually add confectioners' sugar, beating well after each addition and scraping sides and bottom of bowl frequently. Add milk; beat until light and fluffy. Remove half the frosting and place in medium bowl. Add green food color; mix until evenly blended. Spoon into pastry bag fitted with grass decorating tip. Set aside. Remove half the remaining frosting into small bowl. Add red food color; mix until light pink. Spoon into another pastry bag.

Using pink frosting, pipe three toes and padding on each bunny foot. Once frosting has set (about 1 hour) gently press down on pink frosting to create smoother look.

To assemble cupcakes: Pipe green frosting onto each cupcake in series of short motions to create individual grass spots. Cover top of each cupcake completely.

To make bunny butts: Place cut sides of marshmallow halves onto each frosted cupcake, leaving room for bunny feet. Shape remaining white frosting into dime-sized balls then roll with white sprinkles to cover. Pipe small drop of remaining pink or white frosting onto top of each marshmallow. Press bunny tail on top.

Place both bunny feet against base of marshmallow with toes facing down.

By Linda Geist, University of Missouri Extension COLUMBIA, Mo. – Freezing offers milk drinkers a way to keep nutritious milk on hand at all times, says University of Missouri Extension dairy specialist Reagan Bluel. She works with producers in the heart of southwestern Missouri dairy land.

To extend the shelf life of pasteurized milk, freeze in freezer-safe plastic or glass containers at 0 degrees Fahrenheit, says MU Extension nutrition and health specialist Sarah Wood. Allow extra space at the top for expansion: at least a half inch in wide-mouthed pint jars and an inch for quart jars. Allow 1 ½ inches in regular-mouth pint and quart jars. Put lids on containers.

Thaw in the refrigerator to keep it safe, Wood says. After milk thaws, shake well or run through the blender to distribute fat and solids that might have settled. Use within a few days.

Frozen milk may take on a yellow tinge. This is because the riboflavin in the milk does not freeze as quickly as the other ingredients. This does not affect its safety or nutritional value, but the taste may change. If the flavor is undesirable, use the milk for cooking and baking.

Always choose high-quality products to freeze, Wood says. Freezing does not improve quality.

Dairy lovers will be happy to hear that butter also freezes well. Use moisture-vapor-proof freezer wrap or containers to keep butter from absorbing odors and to prevent freezer burn. Butter in its original carton can be over-wrapped.

Processed and natural cheeses also freeze well, although some may become crumbly. For best results, grate the cheese then freeze in an airtight bag. Blocks should be 1 pound or less and no more than 1 inch thick.

Bluel says freezing is an economical move whenever butter and cheese go on sale. Single-person households might save money by buying milk by the gallon and freezing it in smaller quantities to prevent waste.

Bluel says there is more good news for dairy lovers: Ice cream freezes well for several months.

Source: Reagan Bluel, 417-847-3161; Sarah Wood, 573-882-6432

For more information, the MU Extension publication “How to Freeze Meat, Poultry, Fish, Eggs and Dairy Products” (GH1504) is available for free download at extension2.missouri.edu/GH1504.

For more than 100 years, University of Missouri Extension has extended university-based knowledge beyond the campus into all counties of the state. In doing so, extension has strengthened families, businesses and communities.

MU Extension news: extension.missouri.edu/news



By Ashleigh Krispense Amish Cookie Bars

This is one of the easiest desserts to throw together (without a cake mix!). If you have little kids at home, consider this a great “first recipe.” They can learn the difference between old-fashioned and quick oats, how to melt chocolate (without burning it!), and maybe even how to use an oven. No matter who makes it, you’ll have a delicious result awaiting you at the end!

2 cups quick-cooking oats
1/2 cup brown sugar, packed
1/2 cup (1 stick) butter, melted
1 teaspoon vanilla
3/4 cup chocolate chips
1/3 cup creamy peanut butter
Preheat the oven to 375 degrees.



In a large bowl stir together the oats, sugar, butter and vanilla.

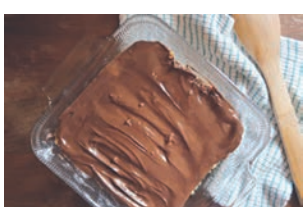


Press into a greased 8-by-8-inch pan. Place in the oven for about 11-13 minutes.



Melt the chocolate by placing a glass bowl over

a saucepan of water (and don’t have the water touching the bottom of the bowl). Place on medium-low heat and stir the chocolate occasionally. Melt until smooth and then stir in the peanut butter.



Pour the chocolate mixture over the baked layer and chill for an hour or so, or until firm. Serve with a tall glass of milk and enjoy!

Ashleigh is a freelance writer and the gal behind the website, *Prairie Gal Cookin’* (www.prairiegalcookin.com), where she shares step-by-step recipes and stories from the farm in Kansas. Follow PGC online or like it on Facebook for more recipes and ramblings!

Reach Out To Family, Friends And Neighbors

By Deanna Turner, Family & Consumer Sciences, Aging Programs Agent, River Valley Extension District

Can you not find toilet paper, hand sanitizer, bleach wipes, and eggs? Can you not travel out of town? Flip the script and think about the positive things you do have and things you can do during the COVID-19 crisis. Human connections promote wellness. Discover ways to reach out to family, friends, and neighbors who may be alone. Start by reaching out to those who are important to you and deepen your relationships.

Use or Learn New Technology:

- Most of us have the use of some technology. Utilize video chat such as Skype, Zoom, FaceTime, etc. as it is the next closest thing to being together in person.
- If technology is not your thing, or your loved one is not tech-savvy, a phone call is the next best thing.
- A quick text message or email is a great way to stay in touch between longer conversations.

Engage Family and Friends:

- Encourage members of your social groups (faith groups, organizations, and volunteer groups) to reach out to those who are socially isolated.

- Involve kids by having them create artwork that can be shared with grandparents, older family members, and other isolated individuals you may know.

Creatively Engage:

- Host a digital dinner with family and friends. Everyone joins online from their respective homes and eats together with family discussions.
- Join online communities such as exercise groups, book clubs, webinars, etc.
- Empower yourself to help other individuals and hopefully lift your spirits. Some examples include: calling those who are isolated or helping those who cannot get out.
- A parade of cars to celebrate birthdays and weddings have been fun to see online.
- Use your imagination to celebrate an occasion and keep the six feet of

physical distancing.

Spread smiles instead of germs during this crisis. Giving a smile can do wonders to cheer up a person. Count your blessings instead of your worries. Make happiness a choice in these trying times. Look on the bright side of life. Have a positive attitude as you connect with family, friends and neighbors.

Contact the Social Security Office by phone only. All local Social Security offices are closed to the public for in-person service since the Coronavirus (COVID-19) pandemic. If you had an in-person appointment, the Social Security representative will call and talk to you over the phone. You will still be able to call the Social Security Office Monday through Friday from 9:00 a.m.-4:00 p.m. to get assistance. Call the Manhattan Social Security Office at 877-840-5741 or the Salina Office at 877-405-3494.

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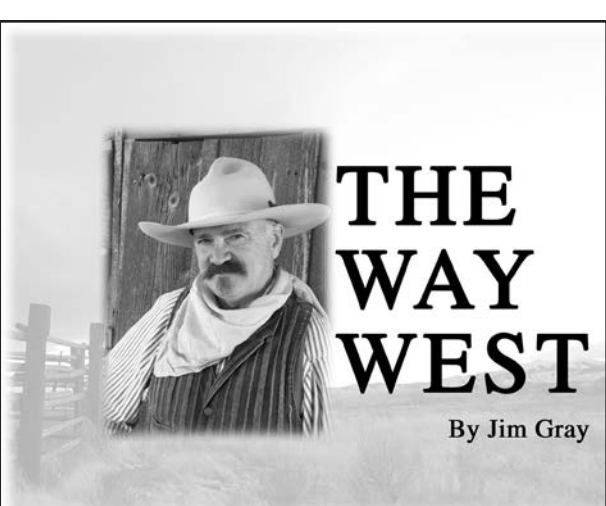
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The Birth of War

With the close of the Civil War a nation turned its eyes westward. The vast ocean of grass known as the Great Plains offered new immigrants and veterans of the war an opportunity to start over. Eastern capitalists eager to capture new profits also looked to the undeveloped ranges of west.

But the plains and mountains were not devoid of native inhabitants.

The Cheyenne, Arapaho, Sioux, and Pawnee occupied the central and northern plains. Kiowa, Comanche, and Apache roamed the southern plains and the Crow, Blackfeet, Shoshone, Ute, and other lesser tribes inhabited the Rocky Mountains. Travelers on the Santa Fe Trail tended to interact with the Pawnee, Kiowa, and Comanche. Wagon trains on the Oregon-California

Trail also encountered the Pawnee as well as various bands of the Sioux, Cheyenne, and Arapaho. Early experiences were often friendly in an uneasy sort of way. But as more and more wagons streamed onto the plains conflict was inevitable. Differences in culture, especially in the art of trade and title to property, were foremost in bringing war to the plains.

The Smoky Hill country of western Kansas had long been a common hunting ground for all of the tribes from both the northern and southern plains. Mountain tribes from the west and “blanket” tribes from as far east as Missouri were known to venture onto the prolific buffalo range of the Smoky Hill River. But first and foremost, among the tribes who utilized the Smoky Hill were the Cheyenne and their Arapaho allies. Smoky Hill country not only provided the Cheyenne and Arapaho with an abundance of buffalo, antelope, and elk, its ceremonial sites were central to the social structure of the people and to all that they held sacred.

Invading Anglo traders skirted the Smoky Hill country, following the Santa Fe Trail along the Arkansas River and the

California-Oregon Trail along the Platte River. When gold was discovered in the Rocky Mountains of western Kansas in 1858, a little-known direct route along the Smoky Hill River, known as the Smoky Hill Trail, also came into use. In the beginning the native people welcomed the gold hunters, thinking they would “go home” once they had found enough gold to satisfy their needs.

Ben Holladay's Overland Stage Company followed the South Platte River out of Nebraska to the foothills of the Rockies at present-day Denver, Colorado. Stage stations established along the route drew a variety of people and occasionally developed into small trade centers.

At Fremont's Orchard, near present-day Goodrich, Colorado, supplies could be purchased. News from the gold fields or the latest happening from the eastern states could be obtained as well as regular delivery of the mail. The “orchard” was a beautiful stand of cottonwood trees. No fruit could be found growing on the trees at Fremont's Orchard where majestic branches provided shade and comfort in an otherwise desperate land. The station's substantial

walls provided protection in case of Indian attack, although until 1864 the high plains had been peaceful.

That changed when the freighting firm of Irwin & Jackman out of Atchison, Kansas, reported the loss of 175 head of oxen to Cheyenne raiders in early April 1864. At the Frist Colorado Cavalry “Headquarters Camp Sanborn,” Captain George L. Sanborn learned from ranchman W. D. Ripley that the Cheyenne had stolen his horses on Bijou Creek southeast of Denver City. Capt. Sanborn immediately ordered Lt. Clark Dunn into the field for the express purpose of taking back the stolen stock. Dunn's troopers spent the better part of April 12, 1864, scouting the bluffs on the south side of the South Platte River. At about four p.m., having marched seventy-five miles “over sandy hills, deep ravines, and most of the time without water,” the command stumbled upon the Cheyenne raiders just north of Fremont's Orchard, preparing to run through a herd of government horses and mules.

Dunn ordered his men into a gallop and intercepted the raiders before they could run off the stock. In the distance Dunn could see riders driving a sep-

arate herd away from the soldiers. They were the stolen stock he was ordered to recover. Another line of raiders formed a defiant defensive line in front of the soldiers. Not wanting to start an Indian war Dunn dismounted and walked to the chief. Following formal introductions Dunn requested a return of the stock. His request was answered with “a scornful laugh.”

When Dunn reached for a Cheyenne weapon, gunfire erupted and despite Dunn's best efforts, his action led to the birth of the Indian war of 1864 on the Way West.

“The Cowboy,” Jim Gray is author of the book *Desperate Seed: Ellsworth Kansas on the Violent Frontier*, Ellsworth, KS. Contact *Kansas Cowboy*, 220 21st RD Geneseo, KS. Phone 785-531-2058 or kansascowboy@kans.com.



Farm Bureau continues tradition of giving back to hungry Americans

The farm and ranch families of Farm Bureau donated 26.3 million pounds of food and raised more than \$494,000 to assist hungry Americans in 2019 as part of the organization's “Harvest for All” program. Combined, the monetary and food donations totaled the equivalent of 24.5 million meals.

The spirit of farm communities has always been one of working together and giving back. Now in its 18th year, Harvest for All is spearheaded by members of Farm Bureau's Young Farmers & Ranchers program, but members of all ages from across the nation contribute to the effort. Their participation helps ensure Americans in need can enjoy the bounty of food farmers and ranchers produce.

In addition to raising food and funds for the initiative, farmers and ranchers tallied 14,400 volunteer hours assisting local hunger groups in 2019.

“Hunger remains a concern for many rural Americans and farming communities,” said Morgan Norris of Florida, chair of AFBF's YF&R Committee. “Farm Bureau's long tradition of helping put food on the tables of those in need through Harvest for All outreach is more important than ever as the COVID-19 pandemic continues.”

Florida Farm Bureau took top honors for donating the most food in 2019, 18 million pounds. Illinois Farm Bureau raised the most money, \$205,900, and tallied the most volunteer hours, 7,035. Thanks to the generosity of Nationwide, these state organizations received a \$500 grant (for each type of contribution) for donation to a local food bank of their choice or for another Harvest for All

project.

Second-place winners were New York Farm Bureau for food donated at 7.3 million pounds; and Tennessee Farm Bureau for donated funds at \$126,100 and volunteer time at 2,400 hours. Each of the second-place winners received a \$250 grant (for each type of contribution) from Nationwide to donate to the local food bank of their choice.

Most Innovative Winners

In addition, three state YF&R committees received \$250 grants from Nationwide for “most innovative” programs. Those winners were New Hampshire, New York and West Virginia.

New Hampshire Farm Bureau members focused on Thanksgiving food baskets for food-insecure families. This included farmer members raising turkeys, gathering fresh produce and canned goods, and delivery to those in need.

New York Farm Bureau members in Livingston County enhanced an annual “day on the farm” event by providing attendees with the opportunity to help pick sweet corn for donation to a local food pantry.

West Virginia Farm Bureau members collaborated with FFA members to pack 2,000 “backpack buddies” meals for school children and 500 food boxes for veterans. They also worked together to harvest 2.5 tons of sweet corn to donate to a local food bank.

The awards were presented during AFBF's virtual Young Farmers & Ranchers Conference. Since Harvest for All was launched, Farm Bureau families have gathered 323 million pounds of food, logged more than 193,000 volunteer hours and raised \$8.3 million in donations.

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Students get head start on career skills as part of national championship crops team

Think of dynasties and we might think of sports teams like the Bulls or the Patriots, but for more than 20 years in the agricultural world, a university team of students has reigned supreme far more than any others.

Kansas State University's crops judging team has been national champions 17 of the past 21 years, giving those students a jump on any number of career choices in crop and food production when they graduate.

As a team, the students practice at least twice a week – more often as their fall competitions draw near, said Kevin Donnelly,

K-State agronomy professor and crops team coach. Many of them spend extra time on their own studying seed and plant identification, seed analysis and the proper ways to grade grain into categories.

"They must be dedicated students who are willing to put forth the study time necessary to really learn the content thoroughly," Donnelly said. "Successful winning scores are 95% or better. There is also a skills development component in carefully picking through the grain grading and seed analysis samples, so they need to have patience and persistence, and the will-



Kansas State University's crops judging team has been named national champions 17 of the past 21 years. Much of their success is due to the hours of study they put in, according to K-State agronomy professor and team coach Kevin Donnelly.

Courtesy photo

ingness to practice picking through many samples to develop their skills."

To prepare for the competitions, the students learn how to identify about 325 plants and seeds, plus do a simulation of a USDA Federal Grain Inspection System inspection in one and one-half hours.

"It's grueling, but if you prepare well, you're usually rewarded," Donnelly said.

Each October, the team competes in a regional contest in Iowa, Oklahoma or Kansas, and then spends a week in November competing in national contests in Kansas City

and Chicago.

The team has also made five trips to Australia in the past nine years to compete in the Australian Crops Competition, often funded in part by their high placement in U.S. contests.

Donnelly was the crops judging coach at Oklahoma State University for 13 years before coming to K-State. He has coached the K-State team since 2008.

He said the skills the students develop that are most transferable to careers are team members' expertise in plant and seed identification.

"When they enter jobs as agronomists, whether as crop consultants, seed company reps, chemical company reps, Extension agents, (or other careers), plant and seed identification is a valued skill, and they will be far above their peers and most likely their supervisors from the first day on the job."

Leavenworth County native Kelly (Yunghans) Marshall believes she got a running start on her career because of what she learned as a team member from 2008 to 2010, in addition to her classes and working part time in a research lab in the agronomy department.

"When I came to KSU, joining the crops team was not on my radar," said Marshall, adding that Donnelly encouraged her to give it a try. She graduated in 2011 with a bachelor's degree in agronomy.

She fondly described walking down the streets of Chicago looking for the famous Billy Goat Tavern "to get one of Dr. D's favorite hamburgers. We were often challenged to get out of our comfort zone, food-wise, while traveling with Dr. D and his rule of 'no chain restaurants or fast food' when you're visiting

a new city has stuck with me for life."

"In addition to the skills we were tested on in competition, it also helped me understand time management and prioritization, self-accountability, how to navigate a team atmosphere and help the team succeed as a whole, not just myself," she said. "I feel overall, the crops team gave me a competitive edge over some of my peers when entering the workforce by providing me with additional skills and an internal drive to succeed that I may not have had if I hadn't joined."

Marshall is now an area seed manager with Nutrien Ag Solutions, covering western Missouri and eastern Kansas.

"I would say moving forward as a senior going to grad school, time management is everything," said Noah Wynans, a senior agronomy major from Tekonsha, Michigan who was on the most recent (2019) national championship team. He said the team spends five to six hours a week in the lab preparing for competitions.

Nate Dick, senior in agronomy from Inman, who was also on the most recent team, said he plans to go into crop consulting when he graduates in May, so learning how to identify plants for the crops team will be helpful when he transitions into a career. He also appreciated the opportunity to travel and become acquainted with students from other schools.

Madison Tunnell, a junior in agronomy from Olathe, said the hours spent practicing with the team represented "a learning curve" she would never forget. Her favorite part, she said, was traveling to competitions which allowed her to strengthen ties with her teammates and make connections

with students from other schools, as well as industry representatives.

Team members learn seed analysis, which provides an understanding of the importance of good quality seed for planting, plus learning about grain grading provides them with an understanding of the standards that support the U.S. grain marketing system.

"Grain in the U.S. is marketed on the basis of U.S. No. 2 grade," Donnelly explained. "Most will not become grain inspectors, but may interact with them if they work in any career involving grain marketing, including a local co-op. If (students) should work in the seed industry directly, then seed analysis will be more directly applicable."

For those students who return to their own farming operation, they will use their weed identification skills, Donnelly said, and through learning how to properly grade grain and analyze seed, will have an appreciation for the importance of clean, high quality grain for the market.

Donnelly said he enjoys his "day job" teaching as an agronomy professor, but particularly enjoys his work outside the classroom with the team: "It is a great way for me to get to know some of our best and brightest students very well. I enjoy challenging students to push themselves further than they might initially think possible"

"The travel that we do provides students with opportunities to see cultural, scenic and agricultural sites that enhance their educational experience, and I enjoy those as well," he said. "I would like to think that it has helped attract at least some students to K-State and to major in agronomy."

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	JD Z930R.....\$9,500

COMBINES	PLANTERS/TILLAGE/MISC.
2014 Case 7230, 2048E, 1385H.....\$210,000	2010 Kinze 3600 12R23.....\$69,500
2012 Case 5130.....\$120,000	2013 Kinze 3500 8R.....\$44,000
2011 MacDon FD70 40'.....\$44,500	2012 Kinze 3500 8R.....\$40,000
2012 Case 2162 35'.....\$41,000	2014 Case 1245 16R.....\$85,000
2015 MacDon FD75, 35'.....\$52,000	2011 Case 1240 16R30.....\$59,500
2009 MacDon FD70, 35'.....\$37,000	Case 3900.....\$18,500
	2012 Case 330 34' Turbo.....\$36,000
	Landoll 2227.....\$10,500
	Case 330 Turbo.....\$36,000
	Delta S3 36 Cart.....\$7,900



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Biology researcher receives NSF CAREER award to measure soil microbe, grazer interactions

A Kansas State University researcher aims to understand the depth of nature's social circle.

Lydia Zeglin, microbial ecologist and assistant professor in the Division of Biology, was awarded nearly \$650,000 from the National Science Foundation's Faculty Early Career Development Program to research interactions between the tallgrass prairie's largest species — bison and cattle — and the smallest — soil microbes.

"The College of Arts and Sciences is very proud of Dr. Zeglin not only for receiving this prestigious NSF CAREER award, but also for the societal and economic impact her work will bring to Flint Hills life and the Manhattan community," said Amit Chakrabarti, dean of the college.

The interactions between grazers and soil microbes are important for prairie biodiversity and may affect how soil can remediate nitrogen pollution.

"We know how important grasslands are for carbon storage, but intact prairie ecosystems are also sponges for nitro-



Lydia Zeglin, a microbial ecologist, has received an NSF CAREER award to study interactions between prairie grazers and soil microbes.

gen," Zeglin said. "This is in part because the soil microbes can pick up nitrogen quickly and help keep it in the soil for a long time, even after plant tissue has decomposed."

Plants need nitrogen — a building block of proteins, DNA and other essential molecules — for healthy growth, but plants

can only use so much. According to Zeglin, if it wasn't for soil microbes, anything extra could leach out of the soil and pollute groundwater, streams, rivers and lakes.

"There may be a balance between the plant uptake and the microbial activity that regulates good plant growth versus poten-

tial for pollution," Zeglin said. "There's a concept called nitrogen retention, which is sort of the beneficial ecosystem service that

we are interested in making sure we are measuring and sustaining."

Zeglin's preliminary research suggests that cattle and bison may provide a service to the ecosystem by helping microbes spread their good deeds around the prairie.

"Grasslands evolved with bison and other large animals," Zeglin said. "One intriguing consideration is that bison and cattle can move microbes around as they pass across the landscape. They also redistribute nitrogen as they move around, which might help cultivate certain types of soil bacteria and archaea. Our plan is to collect samples in a way that enables distinguishing between the two mechanisms."

Zeglin's research will test soil from multiple prairie locations with a citizen scientist approach.

"Our ultimate goal is to understand the nitrogen cycle in all prairie soils

better," Zeglin said. "In order to do that, we need to interact with more people to get more coverage of different prairie soils. We will be working with The Nature Conservancy, ranchers and students to contribute soil samples from bison- and cattle-grazed areas across the Flint Hills to expand the range of understanding."

Zeglin and students, including graduate students in her fall Microbial Diversity class, will perform detailed investigations of soil microbial diversity and activity— some involving experimental manipulations — to learn whether soil chemistry determines microbial diversity, or vice-versa. The results will be shared with high school science classes, undergraduate biology classes and private landowners, with an intent to expand the scope and dissemination of the science as broadly as possible.

Sorghum Checkoff board launches sustainability initiative, hires Everhart-Valentin as director

The United Sorghum Checkoff Program has launched an initiative to increase market value for growers by positioning sorghum as a sustainable solution for food, feed and energy sectors that serves the global community and its needs for nutrition and environmental health. The board also recently named Kira Everhart-Valentin as the organization's first sustainability director.

Everhart-Valentin will be responsible for developing and leading the sorghum industry's sustainability initiatives and will continually assess opportunities for investment and collaboration to increase the value of sorghum for farmers and industry stakeholders.

"We are delighted to have Kira join the Sorghum Checkoff," Sorghum Checkoff executive director Florentino Lopez said. "Her unique skill set and experience will bring a meaningful perspective to developing and maintaining a sustainability strategy that appropriately highlights sorghum's potential as an environmentally sus-

tainable crop while still respecting the importance of maintaining economic stability for sorghum producers."

Everhart-Valentin is a graduate of Kansas State University and has a master's degree in political science and a bachelor's degree in agricultural communications and journalism in addition to bachelor's degrees in modern languages and international studies.

She has worked in the sorghum industry for a number of years, beginning with serving Western Kansas farmers and businesses. Most recently, she served as the program coordinator with the USAID Feed the Future Innovation Lab on Collaborative Research on Sorghum and Millet at Kansas State University, working extensively internationally.

In this role, she managed a global program on sorghum and millet with partners across nine different countries. The program linked U.S. teams with international teams across various areas of sorghum innovation and

technology, including genetic improvement, agronomic practices and end-use processing.

"I'm excited to help define what sustainability means to sorghum as a crop and an industry," Everhart-Valentin said. "I hope to connect sorghum's many environmentally sustainable qualities to end users and consumers in a way that responds to the increasing demand for sustainable production practices while bringing value back to the sorghum grower for utilizing those responsible practices."

More information about sorghum and its sustainable benefits can be found at SorghumCheckoff.com/Sorghum-Sustains or SimplySorghum.com/Sorghum-Sustains.



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I am feeling a little overwhelmed and frazzled, as I am sure many of you are. Navigating the new normal is challenging. It isn't just the logistics of how to meet, educate, or get work done – it's the general malaise that goes along with the news.

The news is depressing, there's just no other way to put it. Losing country music star Joe Diffie was devastating. Many of my friends across the nation have lost friends, colleagues, or family members to this horrible illness.

We, as a nation, as a human family, have experienced worse. But we, in our lifetimes, at least many of us, have not. This is why we study history. It gives us perspective and it gives us hope. It reminds us that we are not alone. Even in our troubled times, in our isolation, we are not alone.

Those of us with faith know that God is with us. I believe God also gave us one another, across time and across space. Our triumphs and joys are meant to be shared, as are our sorrows and challenges. The challenge now is sharing long distance.

We are so blessed by technology! The phones and computers that we curse as intrusions are our lifelines as we check in on our loved ones and stay connected despite not being able to be in one another's physical presence.

Each week, I come into your homes through the magic, and I do mean magic, of television. It is an intimate medium, as is radio. I don't see each of you when I record the television show, but I am so aware of your presence and of your allowing me into your homes.

Thank you for allowing me to share each week here in *Grass and Grain* and thanks to each of you who reaches out to me. We really are all in this together.

Deb Goodrich is the host of the Around Kansas TV Show and the Garvey Texas Foundation Historian in Residence at the Fort Wallace Museum. She chairs the Santa Fe Trail 200. Contact her at author.debgoodrich@gmail.com.

State Department clears the way for agriculture workforce

The U.S. State Department revised its restrictions on the processing of visa applications submitted by farm workers in Mexico after hearing concerns that the restrictions would lead to a farm worker shortage in the United States. Consular officers can now waive the visa interview requirement for eligible first-time and returning H-2A and H-2B applicants, making more workers in the H-2 program available while prioritizing public health.

American Farm Bureau Federation president Zippy Duvall said the following:

"We applaud the administration for recognizing the contributions H-2A

and H-2B workers make on farms across this country to ensure Americans have access to healthy, affordable food. Acknowledging the critical role of immigrant farm laborers by expanding the number eligible for visas protects the public health while ensuring families continue to have access to a stable food source.

"America's farmers and ranchers are committed to feeding America's families during the coronavirus pandemic and beyond. Workers in the H-2A program represent 20% of the country's farm workforce, so their contributions are necessary as we enter a critical time in the planting season."

Kansas Corn STEM brings science home with continuous learning lessons

Kansas Corn STEM's continuous learning resources provide at-home learning resources to be used by teachers and students while schools are closed due to the COVID-19 pandemic. These free resources can be found in the kansascornstem.com lesson library, and can be used online or printed for use in packets for off-line learning. The Kansas Corn STEM continuous learning lessons help students learn about science and agriculture using tools like virtual breakout box activities, videos and at-home experiments that can be done with household items. Several resources are already available at kansascornstem.com, and more will be added through the end of the school year.

"Our team of Kansas teachers were excited to build new lessons for continuous learning, and we are adding more lessons as we go through this period of at-home learning. These lessons are tailored specifically for at-home use, and are a great resource for teachers, parents and students who are continuing their education efforts at home during the COVID-19 pandemic," Kansas Corn director of education Sharon Thielen, Ph.D., said.

Kansas Corn STEM is the award-winning education program of the Kansas Corn Commission. It encompasses educational programs that provide lessons for teachers from the elementary level to the high school level. The materials can be used to

help K-12 educators teach science using the topics of corn, biotechnology, ethanol, soil and water.

"Our education team continues to innovate with these new offerings," Kansas Corn CEO Greg Krissek said. "Teachers, parents and students are looking for engaging STEM lessons that can be used at home, and we have the resources they need."

Kansas Corn STEM contracts with lead teachers, inquiry ambassadors, agriculture education science trainers, curriculum writers, designers and education experts to provide lessons designed to meet Next Generation Science Standards.

"Going forward, these new resources enhance our current online educa-

tional lessons and labs and will have continued value both in conventional classrooms as well as home-school settings," Thielen said.

In the last year, Kansas Corn STEM's curriculum, training and materials reached over 51,000 Kansas students and teachers. In the current school year, the program is predicted to double its reach in Kansas schools. As the STEM program has continued to grow, the vision to continue expanding the program has continued to develop.

Kansas Corn STEM lessons are available at kansascornstem.com. Lessons are also highlighted on the Kansas Corn STEM page on Facebook: @kansascornstem.

U.S. using less water for livestock than in 1960

By Scott Schrage, University of Nebraska-Lincoln

Six decades after pouring water into its livestock production, the United States is investing relative drops in the bucket to produce its meat, milk and eggs, says a recent analysis from Nebraska's Daugherty Water for Food Global Institute.

Relying on data from the USDA and other sources, the team analyzed the annual U.S. outputs of beef, pork, poultry and milk from 1960 to 2016. The researchers also estimated the yearly amounts of water invested in each class of livestock: the rainfall and irrigation needed to grow grains and other livestock feed, the drinking water those livestock consumed, and the water used to clean the animals and their living quarters.

Annual water investments in U.S. livestock dropped 36% from 1960 to 2016.

By dividing the annual weight of each livestock product by the volume of water needed to produce it, the researchers then calculated water productivity, a per-animal measure of how efficiently U.S. producers converted water into food.

They found that U.S. water productivity for all

six livestock products — beef, pork, chicken, turkey, milk and eggs — improved incrementally but substantially across the 56-year span. The United States produced milk about five times more water-efficiently in 2016 than in 1960; pork nearly four times more efficiently; chicken, turkey and eggs, collectively, about three times more efficiently; and beef about twice as efficiently. Annual water investments in U.S. livestock dropped 36% from 1960 to 2016, the study reported.

Nebraska's Mesfin Mekonnen, the study's lead author, said the projected rise in global population — from an estimated 7.7 billion to nearly ten billion people by 2050 — will continue to demand improvements in water efficiency.

"Globally, we see that the population is growing, income is improving, and with that, the demand for livestock products is increasing," said Mekonnen, research assistant professor with the Water for Food Institute. "When comparing a livestock product to a nutrient-equivalent crop product, livestock demands more water. So with the increase in demand for animal products, there will be more water demand, creating more pressure on the limited available water."

The recent improvements in water productivity, Mekonnen said, likely stem from a few factors.

A combination of selective breeding, genetic engineering and supplements have increased the sheer size of the average livestock, he said, generally resulting in more food from each animal.

Similar efforts have also improved the efficiency with which livestock convert their own feed — usually grains, grasses or their byproducts — into meat, milk and eggs. While the total weight of U.S. livestock products increased 48% during the 56-year period, the weight of their feed rose by just 8%, the study found. Many of the grains that constitute livestock feed have themselves been bred or modified to require less water than they did a few decades ago, directly reducing the industry's water footprint.

Though the water efficiency of beef improved the least among the livestock products — beef cattle account for nearly half of the U.S. livestock industry's water footprint — Mekonnen emphasized the importance of context when evaluating consequences for the environment and food security. Many cattle, particularly those in the Nebraska Sandhills, forage on grasses that are inedible by humans and grown on rangelands ill-suited for other crops.

Mekonnen did cite the diets of grain-fed cattle and other livestock as targets for further improving

water productivity. The team reported that swapping out some corn and soybean meal for distillers' grains — byproducts of the grains distilled for biofuels and other purposes — could improve the water productivity of milk by roughly 20%, pork by more than 10%, and beef and poultry by about 5%. Because distillers' grains can contain more protein and provide more energy than corn and soybean meal, they might also indirectly improve water productivity via livestock growth, Mekonnen said.

"It creates the awareness that we need to look at the full supply chain when we talk about livestock or other products — from feed production to the final output," he said. "We cannot say, 'This is enough.' There is a need to keep on improving."

The team detailed its findings in the journal *Environmental International*. Mekonnen authored the study with the late Arjen Hoekstra, formerly of the University of Twente, along with Nebraska's Christopher Neale, professor of biological systems engineering and director of research at the Water for Food Global Institute; Chittaranjan Ray, professor of civil and environmental engineering and director of the Nebraska Water Center; and Galen Erickson, Nebraska Cattle Industry professor of Animal Science.

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Grass & Grain Area Auctions and Sales

Due to the uncertainty of recent events, if you still plan to attend any of the following auctions, please contact the auction company to confirm that the auction has not been postponed and will be conducted.

Sealed Bid Land Auction (bids due by April 15) — 152 acres m/l of Dickinson County upland farmland for K. Reynolds. Auctioneers: Reynolds Real Estate & Auction Co., PO Box 565, Abilene, KS 67410. www.rrehomes.com

Online Spring 2020 Gun Auction (ends April 21, 6PM) — Over 400 firearms, ammo, reloading supplies, gun books, 2013 Ford F150 4x4 Crew Cab held at proxibid.com/kull or armsbid.com. Auctioneers: Kull's Old Town Station.

Sealed Bid Land Auction (bids due by May 1) — 520 acres m/l of Marion County farmland sold in 3 tracts via sealed bid for Leon Suderman Revocable Living Trust. Auctioneers: Hallgren Real Estate & Auction, LLC, 17162B, Switchgrass Rd., Alta Vista, KS 66834. www.hallgrenauctions.net

(This auction was scheduled for April 4 but was POSTPONED) — Farm machinery, antiques & collectibles, automobiles held at Minneapolis for Gerald Newell Estate. Auctioneers: Bacon Auction Company.

April 7 — 160 acres m/l of Cloud County cropland, grass & pit ponds, waterfowl habitat held at Glasco. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

April 9 — (POSTPONED until Fall 2020) 320 acres m/l tillable and pasture located north of Ada. Auction held at Minneapolis. Auctioneers: Horizon Farm & Ranch Realty, LLC., Ray Swearingen.

April 11 (POSTPONED) — Tractors, hay equipment, trailers, boat, ATV, miscellaneous, Generac generator & more held at Kansas City, KS for Sylvester & Mildred Jackson. Auctioneers: Edgecomb Auctions.

April 11 — 146 acres m/l of irrigated Republic

County land held at Courtland for Dale & Danell Strickler. Auctioneers: Midwest Land & Home, Mark Uhlik, Jeff Dankenbring.

April 11 (POSTPONED) — Guns, household, appliances, shop tools & equipment, boat & accessories, livestock equipment, large assortment of mechanics tools & equipment held at Bennington for Bill Whitman. Auctioneers: Bacon Auction Company.

April 11 — Fink Beef Genetics Spring Angus and Charolais Bull Sale held at Randolph.

April 14 — 138 acres m/l of Dickinson County farmland held at Chapman for Ingermanson Trust. Auctioneers: Horizon Farm & Ranch Realty, LLC., Ray Swearingen.

April 16 — 563 acres m/l of quality farmland in Saline and Ottawa Counties in 5 tracts held at Salina for Ingermanson Farms, Ingermanson Trusts. Auctioneers: Horizon Farm & Ranch Realty, LLC., Ray Swearingen.

April 18 — (POSTPONED) Machinery, tools, antiques held South of Barnes for Dennis & Judy Woerman. Auctioneers: Raymond Bott Realty & Auction.

April 18 — (POSTPONED) - New Strawn Farm & Ranch Consignment Auction held at New Strawn. Auctioneers: Kurtz Auction & Realty. Sales manager, Richard Newkirk.

April 25 — (POSTPONED) Tractors, windrower, balers, trailers, truck, machinery, livestock equipment & more held at Summerfield for Milton & Kyle Stoll. Auctioneers: Jurgens, Henrichs, Harden, Sommerhalder.

April 25 (POSTPONED from April 4) — Tractors, farm machinery, pickups & truck, trailers, cattle & horse equipment, buildings & sheds to be moved, misc. arm items, tools & more held at Bunker Hill for Don Chegwidan Estate. Auctioneers: Wolters Auction & Realty.

April 25 — (POSTPONED) - John Deere pedal tractor, toys, signs, German helmet, Van Brig-

gle, Hummel figurines, coins, neon lights, tins, thermometers, clocks held at Topeka for Dan Gartner. Auctioneers: Gannon Real Estate & Auctions.

April 25 (WATCH FOR RESCHEDULE DATE) — 1800s Conastoga wagon (complete), buggys, horse equipment, antiques & collectibles held near Eudora for Elden (Denny) & Marilyn Lynn. Auctioneers: Thummel Real Estate & Auction, LLC.

April 28 — (RESCHEDULED from March 31) — 57 acres m/l of Saline County farmland on spring creek held at Salina. Auctioneers: Horizon Farm & Ranch Realty, LLC, Ray Swearingen.

May 2 — 656 acres m/l of Washington and Marshall Counties Kansas land held at Hanover for The Heirs of Emil & Lyla Krause. Auctioneers: Midwest Land and Home.

May 9 — (RESCHEDULED from March 28) — Tractors, combine, trucks & machinery, motorcycles, antiques, collectibles, tools & more held West of Clay Center for Clarence & Marjorie Urban Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 12 — (rescheduled from March) — 415 acres m/l quality farmland on Gypsum Creek in Saline and McPherson Counties held at Gypsum for Micah Moffitt & Michael D. Becker. Auctioneers: Horizon Farm & Ranch Realty, LLC.

May 23 — (RESCHEDULED from April 4) — Collectibles & household held at Frankfort for Donna & Nilwon (Nick) Kraushaar Estate. Auctioneers: Olmsted & Sandstrom.

August 8 & 15 — Household, antiques and miscellaneous at Herington for Irene Finley Estate. Auctioneers: Kretz Auction Service.

August 22 (rescheduled from June 6) — Farm machinery, trailers, 1976 Lincoln, antiques, farm supplies, tools, iron & miscellaneous held at Talmage for Twila (Mrs. Rosie) Holt. Auctioneers: Kretz Auction Service.

Opportunity for increased U.S. sorghum acres beyond 2020 prospective plantings projections

National Sorghum Producers CEO Tim Lust released the following statement in response to the U.S. Department of Agriculture 2020 Prospective Plantings report:

"The Prospective Planting report released today by USDA indicates an 11 percent increase in sorghum acres for 2020. While we are pleased to see a projected year-over-year increase in acres, a lot has changed in our world since the surveys used to help formulate this report were taken in February, and we feel there is greater opportunity for increased sorghum acres in the United States for the 2020-2021 marketing year.

When the analysis was conducted in February, sorghum prices did not reflect basis appreciation from export sales that occurred since that time. Significant purchase activity by China, approaching 1 mmt over the course of the last seven weeks, has driven basis improvements, and these purchases account for roughly 10 percent of the sorghum produced last year.

Sorghum for export traded at near-parity to corn during the entire month of February. Today, sorghum for export commands a 13 percent premium. These gains have been seen at interior country elevators, as well, with new crop basis gains of \$0.20-\$0.40 in the past two weeks. These sales and

basis improvements are encouraging, and, if this pace continues, will lead to potential for significant farm profitability gains.

With these factors in mind, both domestic and international demand will continue to drive sorghum acres, and we want to assure our customers there will be a productive,

high-quality sorghum crop in the United States for the 2020-2021 marketing year. We are committed to providing our growers with information they need to produce a high-quality sorghum crop and our buyers with the most updated information about the availability of U.S. sorghum."

951 NE 70th St. Stafford

2bed, 2bath, 2cg, no basement, steel building, loafing shed, CRP land, sits on 152 acres.



Agent: Brad Elliott
316-772-2776



LAND AUCTION

SATURDAY, APRIL 11, 2020 — 10:00 AM
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146± ACRES IRRIGATED REPUBLIC COUNTY, KS LAND
This Incredible property is 94% in crop production with 126.5 irrigable acres that consistently produces year in and year out. Also includes a Center Pivot on approx. 46 acres & drip irrigation installed in 6 zones on the balance of the irrigable acres.

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Mark Uhlik — Broker/Auctioneer — 785.325.2740
Jeff Dankenbring — Broker

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FSA makes changes to farm loan, disaster, conservation and safety net programs to make it easier for customers to conduct business

USDA's Farm Service Agency (FSA) county offices are open by phone appointment only until further notice, and FSA staff are available to continue helping agricultural producers with program signups, loan servicing and other important actions. Additionally, FSA is relaxing the loan-making process and adding flexibilities for servicing direct and guaranteed loans to provide credit to producers in need.

FSA Service Centers are open for business by phone appointment only. While our program delivery staff will continue to come into the office, they will be working with our agricultural producers by phone and using email and online tools whenever possible.

"FSA programs and loans are critical to America's farmers and ranchers, and we want to continue our work with customers while taking precautionary measures to help prevent the spread of coronavirus," FSA administrator Richard Fordyce said. "We recognize that farm loans are critical for annual operating and family living expenses, emergency needs and cash flow through times like this. FSA is working to find and use every option and flexibility to provide producers with credit options and other program benefits."

FSA is delivering programs and services, including:

Farm loans;
Commodity loans;
Farm Storage Facility Loan program;

Disaster assistance programs, including signup for the Wildfire and Hurricane Indemnity Program Plus (this includes producers now eligible because of losses due to drought and excess moisture in 2018 and 2019);

Safety net programs, including 2020 signup for the Agriculture Risk Coverage and Price Loss Coverage programs;

Conservation programs; and

Acreage reports.

Relaxing the Farm Loan-Making Process

FSA is relaxing the loan-making process, including:

Extending the deadline for applicants to complete farm loan applications;

Preparing Direct Loans documents even if FSA is unable to complete lien and record searches because of closed government buildings. Once those searches are complete, FSA would close the loan; and

Closing loans if the required lien position on the primary security is perfected, even for loans that require additional security and those lien searches, filings and recordings cannot be obtained because of closed government buildings.

Servicing Direct Loans
FSA is extending deadlines for producers to respond to loan servicing actions, including loan deferral consideration for financially distressed and delinquent borrowers.

FSA will temporarily suspend loan accelerations, non-judicial foreclosures, and referring foreclosures to the Department of Justice. The U.S. Attorney's Office will make the determination whether to stop foreclosures and evictions on accounts under its jurisdiction.

Servicing Guaranteed Loans

Guarantee lenders can self-certify, providing their borrowers with:

Subsequent-year operating loan advances on lines of credit;

Emergency advances on lines of credit.

FSA will consider guaranteed lender requests for:

Temporary payment deferral consideration when borrowers do not have a feasible plan reflecting that family living expenses, operating expenses and debt can be repaid; and

Temporary forbearance consideration for borrowers on loan liquidation

and foreclosure actions.

Contacting FSA

FSA will be accepting additional forms and applications by facsimile or electronic signature. Some services are also available online to customers with an eAuth account, which provides access to the farmers.gov portal where producers can view USDA farm loan information and payments and view and track certain USDA program applications and payments. Customers can track payments, report completed practices, request conservation assistance and electronically sign documents. Customers who do not already have an eAuth account can enroll at farmers.gov/sign-in.

FSA encourages producers to contact their county office to discuss these programs and temporary changes to farm loan deadlines and the loan servicing options available. For Service Center contact information, visit farmers.gov/coronavirus.



Looking for an auction bill, hay prices or farm news? Subscribe to:

GRASS & GRAIN

Call 785-539-7558 or visit us ONLINE at www.grassandgrain.com

AUCTIONS POSTPONED!

The auction that was scheduled Saturday, April 4 for Gerald Newell Estate, Minneapolis will be held at a later date.

Also the Saturday, April 11 auction for Bill Whitman to be held at Bennington has been POSTPONED.

Watch for reschedule dates in Grass & Grain & www.wacondatrader.com. On Facebook: Ottawa County, Kansas Buy/Sell/Trade, Saline County Buy/Sell, Bennington/Minneapolis Buy/Sell/Trade

Sale Conducted By: BACON AUCTION CO. Royce K. Bacon, Auctioneer, 785-392-2465

LAND AUCTION

SATURDAY, MAY 2, 2020 — 10:00 AM
Hanover Community Building — HANOVER, KANSAS

656± ACRES WASHINGTON & MARSHALL COUNTY KANSAS LAND

Tract 1: Washington County, Kansas. 310.3± acres.

Tract 2: Marshall County Kansas. 79± acres.

Tract 3: Marshall County Kansas. 266.7± acres.

THE HEIRS OF EMIL & Lyla KRAUSE, SELLERS

See March 31 Grass & Grain for complete information!

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520-ACRE MARION COUNTY REAL ESTATE AUCTION

Offered By SEALED BIDS Due To The COVID-19 Virus
Bids Must Be Received By May 1, 2020

TRACT 1: 120.5 acres, more or less, of which 119.85 acres is farmland with the balance native grass. Approx. 79% Irwin silty clay loam soil and 21% Ladysmith silty clay loam soil. Was planted to corn in 2019 and possession will be given to the Buyer at closing.

Legal Description: W½ of the SE¼ and W½ of the E½ of the SE¼ of Section 24, Township 20 South, Range 2, East of the 6th P.M., Marion County Kansas.

Taxes: \$1,825.36.

Directions: Approx. 1½ miles east of Hillsboro on 190th to Kansa. South on Kansa 4 miles to 150th. East on 150th ½ mile to the SW corner of the property. **Watch for signs.**

TRACT 2: 78.5 acres, more or less, of which 75.8 acres is farmland with the balance native grass. Approx. 57% Ladysmith silty clay loam soil, 31.5% Irwin silty clay loam soil, 8.6% Clime-Sogn complex soil, 2% Dwight silt loam soil, with the balance Clime silty clay loam soil. Was planted to beans in 2019 and possession will be given to the Buyer at closing.

Legal Description: W½ of the SE¼ of Section 20, Township 19 South, Range 5, East of the 6th P.M., Marion County, Kansas.

Terms & Conditions: Sealed bids on each tract will need to signed and will be opened May 1, 2020. The 4 highest bidders on each tract will be invited to a private auction to determine the successful bidders. 10% non-refundable earnest money will be due at that time on each tract. Balance due when merchantable title and Trustee deeds are delivered. Closing on or before May 27, 2020. Mineral rights will transfer to the Buyer on all tracts at closing. The 1st half of the 2020 taxes and all prior years will be paid by the Seller. Cost of the Owners title policy, escrow and closing fees will be divided equally between the Buyer and Seller. Property sells in As-Is condition. All acreage amounts and soil types are based on county records and the USDA Web Soil Survey and are deemed reliable, but are not guaranteed. Sale is not contingent on the buyer obtaining financing. **Broker & Auctioneers are representing the Seller. For information contact Greg Hallgren, Broker & Auctioneer at 785-499-2897. Send signed sealed bids including the tract number, bidders address and contact information to: Hallgren Real Estate & Auctions LLC, 17162B Switchgrass Rd., Alta Vista, KS 66834**

LEON SUDERMAN REVOCABLE LIVING TRUST

AUCTIONEER'S NOTE: Outstanding opportunity to purchase productive farmland that has been well maintained. For maps and other information go to:

hallgrenauctions.net

HALLGREN

REAL ESTATE & AUCTIONS, LLC

ALTA VISTA, KANSAS • 785-499-5376
GREG HALLGREN
785-499-2897

JAY E. BROWN
785-223-7555

e-mail: ghallgren@live.com
www.hallgrenauctions.net • KSALink.com



ON THE EDGE OF COMMON SENSE

His Father's Son

Mary waited for Jesus
outside the cave
The promised resurrec-
tion meant He was saved.
While others waited a
savior to come
Mary awaited her son.

The baby she had called
Jesus stood in a crowd
Others gathered around
Him. She was so proud.
She always worried in
spite of His good
That he'd be misunder-

stood.

Mary, it's nothing you've
done

He always marched to
some other drum

You did all any mother
could do

He was His Father's
son.

Mary carried his san-
dals. Stood by his side.

Memories, sweet reflec-
tions, shone in His eyes

"Take care of Mary, for
my time has come

I'll always love you,
Mom."

Mary, it's nothing you've
done

He always marched to
some other drum

You did all any mother
could do

He was His Father's
son.

Watch the music video
online on YouTube at
https://youtu.be/aDCXRg-GV_xo

Or type in "Baxter
Black's His Father's Son"

www.baxterblack.com

Rumors surrounding stimulus package inaccurate, says KLA

With passage of the Coronavirus Aid, Relief and Economic Security (CARES) Act, which includes support for livestock producers, there have been various inaccurate rumors circulating about how payments will be calculated and distributed. It is important to note that no payment formula or timeline was included in the stimulus bill. It simply designated funds to be used to provide relief for agricultural producers, including livestock producers. USDA will be developing an aid program in the weeks ahead and KLA and NCBA staff will be there to advise the agency on how best to target these disaster relief funds.

While livestock producers are not ones to ask for government assistance, the KLA Executive Committee, NCBA officers and several other state affiliates felt the pandemic was unprecedented and severe enough to ask Congress for disaster assistance, much like would be the case in response to a major wildfire, flood or drought. As a result, the cattle industry requested to be part of the CARES Act to allow USDA to deliver a one-time payment to help provide relief to those that have experienced losses. KLA staff worked with Kansas State University agricultural economists to estimate the level of damage this virus has caused the cattle sector. KLA and NCBA staff then worked together to communicate this information to members of Congress to ensure an adequate amount of funding was included in the legislative package to aid livestock producers.



10, 12 & 14 Bale Hay Trailers



- Cradles can be lifted w/one hand • Cradles are removable
- Safety locks for cradles in both the up & down positions, located at the front of trailer
- 1-Year Mfg. Warranty on axles & tires • 2-Year Warranty on trailer
- Heavy duty tubular construction
- 10-bale trailer has 7,000 lb. tandem axle with brakes & 10 ply tires
- 12-bale trailer has 10,000 lb. tandem dual axle w/brake & 10 ply tires
- 14-bale trailer has 12,000 lb. tandem dual axle w/brake & 14 ply tires
- Comes with a spare tire
- Now have options of hydraulic dump & 14 ply tires

DENNING

MACHINE SHOP, INC.

Toll-Free: 866-293-5450

THE WORKHORSE OF WESTERN KANSAS



Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Cattle every Monday

Hog Sales on 2nd & 4th Monday of the month only!

RECEIPTS FOR THE WEEK

STEERS			
300-400	\$163.00 - \$178.00	25 mix	Clifton 895@101.00
400-500	\$160.00 - \$165.00	55 mix	Abilene 966@100.25
500-600	\$149.00 - \$162.50	60 mix	Hope 910@98.00
600-700	\$147.00 - \$154.25	116 blk	Hope 921@97.85
700-800	\$118.00 - \$128.50		
800-900	\$106.00 - \$114.25		
900-1000	\$97.00-\$100.25		

HEIFERS			
300-400	\$157.00 - \$165.00	10 red	Augusta 296@165.00
400-500	\$147.00 - \$151.00	4 blk	Lindsborg 341@157.00
500-600	\$139.00 - \$143.00	2 blk	Abilene 435@151.00
600-700	\$110.00 - \$121.00	16 blk	Lincoln 345@149.00
700-800	\$104.00 - \$115.00	5 blk	Brookville 435@148.00
800-900	\$90.00 - \$95.00	3 blk	Hope 453@147.00

THURSDAY, APRIL 3, 2020:			
STEERS			
2 blk	Lincoln	326@178.00	
11 blk	Lindsborg	326@170.00	
15 blk	Tescott	562@168.00	
5 blk	Lindsborg	404@165.00	
15 blk	Lincoln	377@163.00	
34 red	Augusta	384@163.00	
19 mix	Holyrood	577@162.50	
38 mix	Salina	543@160.50	
5 blk	Abilene	538@160.00	
4 blk	Brookville	486@160.00	
16 red	Tescott	525@159.00	
4 blk	Hope	568@158.00	
18 mix	Holyrood	477@158.00	
27 blk	Tescott	510@157.00	
12 mix	Clyde	505@155.00	
16 mix	Olmitz	600@154.25	
13 mix	Tescott	470@154.00	
4 blk	Hope	501@154.00	
60 blk	Lincoln	512@154.00	
60 blk	Lincoln	437@153.50	
6 blk	Hutchinson	624@153.00	
3 blk	Claffin	577@152.00	
7 mix	Nickerson	603@152.00	
16 blk	Peabody	579@149.00	
9 blk	Marquette	624@148.50	
4 blk	Halstead	630@148.00	
24 blk	Inman	635@147.75	
34 mix	Holyrood	658@147.50	
7 mix	Delavan	634@145.50	
8 blk	Claffin	658@144.50	
5 mix	Goddard	649@143.50	
36 mix	Salina	623@143.00	
30 blk	Halstead	650@139.00	
11 blk	Goddard	698@135.75	
11 mix	Delavan	744@128.50	
26 mix	Olmitz	728@124.50	
23 mix	Nickerson	748@118.50	
120 mix	Clifton	803@114.25	
5 blk	Minneapolis	806@107.00	
28 blk	Marquette	760@107.00	
18 mix	Nickerson	879@106.50	
59 mix	Clifton	863@106.50	
58 blk	Lindsborg	910@105.00	
59 mix	Hope	895@104.25	
38 blk	Marquette	874@102.75	
65 mix	Abilene	917@101.85	

HEIFERS			
10 red	Augusta	296@165.00	
4 blk	Lindsborg	341@157.00	
2 blk	Abilene	435@151.00	
16 blk	Lincoln	345@149.00	
5 blk	Brookville	435@148.00	
3 blk	Hope	453@147.00	
25 blk	Holyrood	514@143.00	
30 mix	Sterling	528@140.00	
30 mix	Gypsum	528@140.00	
11 blk	Ellsworth	482@140.00	
8 blk	Lindsborg	427@139.00	
26 blk	Sterling	475@139.00	
26 blk	Gypsum	475@139.00	
59 blk	Lincoln	452@137.50	
14 blk	Inman	553@137.00	
31 blk	Lincoln	525@136.00	
8 mix	Clyde	432@135.00	
7 blk	Abilene	536@134.00	
7 red	Geneseo	576@131.00	
5 blk	Hutchinson	561@131.00	
23 mix	Ellsworth	525@130.00	
11 mix	Nickerson	562@129.00	
26 blk	Ellsworth	633@121.00	
5 mix	Newton	715@115.00	
7 blk	Tescott	612@109.00	
41 blk	Tescott	725@107.50	
9 mix	Newton	757@107.00	
39 blk	Marquette	738@105.50	
43 blk	Tescott	750@105.25	
6 blk	Hutchinson	706@105.00	
5 blk	Claffin	720@105.00	
6 blk	Lyons	702@104.50	
16 mix	Nickerson	713@104.00	
28 blk	Tescott	812@104.00	
11 mix	Nickerson	807@101.00	
14 blk	Hillsboro	775@100.00	
6 blk	Salina	733@97.50	
25 blk	Tescott	851@95.00	
71 blk	McPherson	757@95.00	

MONDAY, MARCH 31, 2020:

CALVES			
5 blk	Salina	227@485.00	
1 blk	Salina	215@450.00	
2 blk	Salina	243@435.00	
3 blk	Salina	198@410.00	
1 red	Gypsum	135@375.00	
1 ywf	Durham	90@375.00	
1 rfw	Gypsum	95@335.00	
1 blk	Durham	96@310.00	

COWS			
1 blk	Salina	1640@72.00	
1 blk	Little River	1750@68.50	
1 wf	Durham	1825@68.00	
1 blk	Hope	1255@68.00	
5 blk	Clay Center	1612@68.00	
1 rfw	Marion	1385@67.50	
1 rfw	Marion	1290@67.00	
1 rfw	Marion	1430@67.00	

UPCOMING SALES:

SPECIAL COW SALES: SALE STARTS at 11 AM

Tuesday, April 21 • Tuesday, May 5

WEANED/VACC. SALE: SALE STARTS at 11 AM

IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 6'8" x 24' GOOSENECK STOCK TRAILER METAL TOP
- 6'8" x 24' GOOSENECK STOCK TRAILER
- 42' ROUND BALE DUMP TRAILERS
- HEAVY DUTY FEED BUNKS (Silage & Grain)
- HEAVY DUTY 5000# GRAIN TOTE

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY

Hogs sell at 10:30 a.m. *on the 2nd & 4th Monday of the month.*
Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

THURSDAY — CATTLE ONLY

Selling starts at 10:00 a.m. Consign your cattle as early as possible so we can get them highly advertised.

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

For a complete list of cattle for all sales check out our website www.fandrive.com



FARMERS & RANCHERS HAS SWITCHED BACK to Cattle USA.com for our online auctions.

1 blk	Hillsboro	1740@67.00	1 blk	Clay Center	1980@96.00
1 blk	Hillsboro	1595@67.00	1 blk	Salina	1865@95.00
1 blk	Hillsboro	1675@67.00	1 spot	Gypsum	1395@91.00
1 red	Marquette	1265@66.50	1 blk	Longford	1685@89.50
1 blk	Assaria	1500@66.00	1 red	Salina	2145@89.50
1 blk	McPherson	1845@66.00	1 blk	Jewell	2050@89.00
BULLS					
1 blk	Longford	2020@99.50	1 red	Holyrood	2020@89.00
1 blk	Wells	2195@98.00	1 blk	Wells	1700@88.00
1 blk	Longford	1930@96.50	1 blk	Longford	1685@87.50

EARLY CONSIGNMENTS FOR THURSDAY, APRIL 9, 2020

37 Black S&H home raised, long time weaned, hay fed 700-800
55 Black S&H home raised, long time weaned 750-900

EARLY CONSIGNMENTS FOR TUESDAY, APRIL 21, 2020 COW SALE

BULLS: 1 Char 18 months; 3 Black Angus 18 months; 4 2 yr old Black Charolais semen & Trich tested; 4 yearling Black Charolais semen tested; 16 18 months Registered Angus bulls, semen & Trich tested; 10 Black Angus & Balancer Bulls yearlings, semen checked; 3 Charolais Bulls 14 months, semen checked; 1 Charolais/Red Angus Bull 13 months, semen checked; 6 Angus Bulls 20 months, semen checked; 4 Registered Charolais Bulls, yearlings, semen checked. **BRED HEIFERS:** 50 Red & Black bred Don Johnson & Lyons Angus, Fall bred for September 2nd calving, 13 Red - 37 Black. **HEIFER PAIRS:** 20 pairs Angus Hfrs & Angus Calves, home raised, calves worked; 18+18 Black Sim/Angus Heifers, home raised Hinkson Angus calves; 25+25 Black Heifer pairs, January calves black, Alpha 7, banded; 10+10 Red Angus, Fancy; 40+40 Black Sim/Angus, AI sired, all worked (Rosebrook Hfrs), home raised; 50+50 Black Heifer pairs; 45+45 Black pairs, mostly AI sired calves, 30+ 60 days old, worked for grass. **REPLACEMENT HEIFERS:** 8 Black/Char replacement heifers OCHV'd; 10 Red Angus Heifers, open, pelvic measured; 6 Red Balancer Heifers, OCHV'd-pelvic measured; 34 Black OCHV'd, checked open, pre breeding, home raised, pelvic exam, vacc 750-800; 16 Red OCHV'd, checked open, pre breeding, home raised, pelvic exam, vacc 750-800; 40 Red/RWF OCHV'd, pelvic examined; 25 Black Heifers OCHV'd, pelvic examined; 20 Black Heifers, OCHV'd, home raised, 700+; 36 Black Angus, home raised, OCHV'd, pelvic measured, pre breeding vacc 850; 40 Sim/Angus, OCHV'd, home raised, pelvic exam; 45 Angus & 11 BWF, home raised, trac & scored, checked open. **COWS/PAIRS:** 210+210 Black pairs 2-9 yrs Angus calves, complete dispersal 20 Fall bred; 35+35 Angus pairs 3-8 yrs; 220 Black cows 3-5 yrs Northern Origin, bred Sim/Angus; 120 Black/Red 3-5 yrs Bred Sim/Angus or Red Angus, August 1 for 90 days; 35 cows 4-6 yrs, bred to black bulls; 50 Black cows 3-5 yrs, bred black; 130 Black & Red Angus, Fall calvers, 3-5 yrs; 3-5 yr old, Black & Reds; 40+40 Red Angus pairs 4 to older, Red Angus calves, worked for grass; 100+100 older pairs; 27 4-7 yrs, calving now; 10+10 Running age Black Angus; 40 Black & Red cows 4-8 yrs, bred black Fall calvers; 30 Black pairs 3-5 yrs, home raised, Angus/Char calves, calves worked; 7 young Red Angus pairs; 80+80 Black Sim/Angus Red Angus cows 3-8 yrs, Sim/Angus calves, February-March calves; 60+50 Running age pairs & heavy bred, red & black, red & black calves; 80 cows 3-5 yrs bred Baker Angus bulls; 80 Black cows 3-5 bred Angus; 20 Black Cows 4-9 yrs, Fall bred Gardiner Angus; 50 Black Cows 3-5 yrs, bred Sim/Angus September 1st 45 days; 64 Black Cows 3-7 yrs, bred Griswold Sim/Angus Bulls, bulls in November 15th for 45 days; 50 3+ Fall & Spring calving cows, Red & Black Angus, Black bred Black Angus, Red bred Red Angus; 50 Fall Bred Cows 5-6 yrs, mostly black, bred Angus

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884

Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Jim Crowther
785-254-7385
Roxbury, KS

Lisa Long
620-553-2351
Ellsworth, KS

Cody Schafer
620-381-1050
Durham, KS

Kenny Briscoe
785-658-7386
Lincoln, KS

Kevin Henke
H: 785-729-3473, C: 785-565-3525
Agenda, KS

Austin Rathbun
785-531-0042
Ellsworth, KS

Check our listings each week on
our website at
www.fandrive.com



2020 Animal Ag Alliance Stakeholders Summit set for May 7-8 goes virtual

The Animal Agriculture Alliance has announced that its 2020 Stakeholders Summit is going virtual in response to ongoing public health concerns around hosting large events. The Virtual Summit, still being held May 7-8, will include

the same exciting speaker lineup that was planned for the in-person event with sessions covering sustainability, animal welfare, influencer engagement, preparing for animal rights activist campaigns and other hot topics.

"The Alliance team has been closely monitoring the effect of COVID-19 on travel and events and considering what impact this could have on the 2020 Summit," said Kay Johnson Smith, Alliance president and CEO.

"Our number one priority is to ensure the health and safety of our members and attendees. With that in mind, we have decided to move the 2020 Summit to a virtual-only event. This will allow the Alliance to share the excellent content we hoped to cover at Summit while respecting new regulations and public health guidelines for holding events. We are excited for the opportunity to deliver the high-quality, thought-provoking speakers and sessions that our Summit is known for in a new virtual format!"

The Alliance's annual Summit brings together thought leaders in the agriculture and food industries to discuss hot-button issues and out-of-the-box ideas to connect everyone along the food chain, engage influencers and protect the future of animal agriculture. Attendees

will leave the 2020 Virtual Summit, themed Primed & Prepared, with the tools they need to take action and be part of any and all conversations that could impact the future of animal agriculture and their business.

"The Summit, now in its 19th year, is an integral part of the Alliance's work to bridge the communication gap between farm and fork," said Hannah Thompson-Weeman, Alliance vice president of communications. "The event is our opportunity to bring together every link along the food chain to learn about the most pressing issues of today and tomorrow and how we can all be primed and prepared to shape the future of animal agriculture. We're embracing the challenge of translating the value of Summit into a virtual platform and appreciate the support of our

speakers, attendees, sponsors and members as we navigate the shift."

Registration is now open for Virtual Summit attendees who were not already registered for the in-person Summit. Virtual Summit registration will give attendees exclusive access to 13 hours of live, dynamic content spread out among a series of pre-conference webinars and the two-day virtual event. Recordings from each session will also be available to confirmed virtual attendees only through the end of 2020. The Alliance team is working to ensure attendees enjoy digital networking opportunities that are more valuable than ever in today's challenging environment.

Be sure to check the Virtual Summit website for the most up-to-date Virtual Summit information and the full agenda. You can also follow the hashtags #AAA20 and #PrimedAndPrepared for periodic updates about the event. For general questions about the Summit please contact summit@animalagalliance.org or call (703) 562-5160.

Grass & Grain Weather Report

Seven Day Forecast

WEDNESDAY
Mostly Sunny
High: 71 Low: 48

THURSDAY
Partly Cloudy
High: 65 Low: 42

FRIDAY
Few Showers
High: 61 Low: 38

SATURDAY
Mostly Cloudy
High: 59 Low: 36

SUNDAY
Partly Cloudy
High: 56 Low: 33

MONDAY
Cloudy
High: 68 Low: 40

TUESDAY
Mostly Cloudy
High: 64 Low: 41

In-Depth Local Forecast

Today we will see mostly sunny skies, high of 71°. Humidity of 41%. North northeast wind 1 to 6 mph. The record high for today is 84° set in 2003. Expect partly cloudy skies tonight with a slight chance of showers, overnight low of 48°. Northeast wind 2 to 6 mph.

Last Week's Almanac

Date	H/L	W/L	Normal	Precip
3/27	53/51	61/34	0.00"	
3/28	63/46	61/35	0.00"	
3/29	68/41	62/35	0.00"	
3/30	73/37	62/35	0.00"	
3/31	78/43	62/36	0.00"	
4/1	73/46	63/36	0.00"	
4/2	67/30	63/36	0.00"	

Rainfall: 0.00"
Normal rainfall: 0.02"
Departure: -0.02"
Average temp: 55.3°
Average normal: 48.6°
Departure: +6.7°

This Week's Sun & Moon Chart

Day	Starline	Sunset	Moonrise	Moonset
Wednesday	6:39 a.m.	7:57 p.m.	8:56 p.m.	7:59 a.m.
Thursday	6:36 a.m.	7:58 p.m.	10:11 p.m.	8:15 a.m.
Friday	6:36 a.m.	7:59 p.m.	11:25 p.m.	8:50 a.m.
Saturday	6:35 a.m.	8:00 p.m.	Prev Day	9:32 a.m.
Sunday	6:33 a.m.	8:01 p.m.	12:35 a.m.	10:09 a.m.
Monday	6:32 a.m.	8:02 p.m.	1:08 a.m.	11:01 a.m.
Tuesday	6:29 a.m.	8:03 p.m.	2:34 a.m.	12:05 p.m.

Today's Local Outlook

Local UV Index

0-2 Low, 3-5 Moderate, 6-7 High, 8-10 Very High, 11+ Extreme Exposure

Weather History

April 8, 1926 - An oil depot fire set by lightning boiled over and engulfed 900 acres near San Luis Obispo, Calif. Many tornado victims resulted from the intense heat of the fire. One such tornado traveled 1,000 yards, picked up a house, and carried it 150 feet, killing the occupants.

Growing Degree Days

Date	Degree Days	Date	Degree Days
3/27	4	3/31	6
3/28	6	4/1	11
3/29	5	4/2	0
3/30	5		

Tell them
you saw it in
Grass & Grain!

MANHATTAN

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Toll-Free

COMM. CO. INC.

CATTLE AUCTION EVERY FRIDAY

STARTING 10:00 A.M. ON WEIGH COWS
FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.

OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE

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

Our farmers and ranchers are working tirelessly, behind the scenes, to continue what they have been doing all along... providing a food supply... for our world. For this we send our heartfelt gratitude. Livestock Markets are seen as a critical infrastructure for food supply, and Manhattan Commission Company along with our employees, will continue providing a marketing source for our Producers and Buyers with regular scheduled sales.

PLEASE ALLOW US TO PROVIDE THIS SERVICE BY HELPING US FOLLOW THE FOLLOWING MANDATES:

Attendance will be strictly limited to 50 people, including our staff. Please no spectators or children under 18. Online viewing and bidding are available via LMAAuctions.com or mobile app LMA Ringside... we encourage you to utilize this service.

Another hard downward futures market Wednesday, Thursday and Friday made for a lower market on most all classes of cattle offered. The bright spot of the sale was we had buyers on the seats and on the internet to purchase the cattle. Cull cows were also selling on a lower market.

BULL & STEER CALVES — 375-550 LBS

Belvue	5 blk	387@168.50
Manhattan	13 blk	537@166.00
Junction City	8 blk	413@165.50
St. George	7 blk	442@165.00
Williamsburg	12 blk	432@161.00
Williamsburg	8 blk	529@161.00
Manhattan	9 Cross	398@160.00
Junction City	11 blk	504@159.00
Belvue	10 blk	511@155.00
Blaine	4 blk	413@155.00
Onaga	5 Cross	514@152.00
Junction City	11 blk	529@148.00
St. George	10 blk	540@148.00
St. George	4 Cross	518@130.00

BULL & STEERS — 550-1,030 LBS.

Blaine	12 blk	572@159.00
Dwight	4 blk	562@155.00
Onaga	24 Cross	646@150.00
Manhattan	6 blk	635@144.00
Belvue	12 blk	615@144.00
Council Grove	4 blk	641@138.00
Junction City	4 blk	615@130.50
Blaine	12 blk	758@130.00
Leavenworth	12 blk	766@126.50
Burlingame	8 blk	690@125.00
Osage City	31 Cross	792@117.00
Leavenworth	21 blk	847@110.00
Osage City	36 Cross	903@105.00
Osage City	4 Crtoss	810@103.00
Wamego	6 bwf	823@95.50

HEIFER CALVES — 275-550 LBS.

Belvue	9 blk	468@149.00
Junction City	7 Cross	415@149.00
Junction City	5 Cross	487@149.00
St. George	5 blk	393@147.50
Winchester	5 blk	410@147.25
Williamsburg	10 blk	396@145.00
St. George	6 blk	489@144.50

Junction City	21 blk	507@144.50
Manhattan	5 Cross	371@141.50
Manhattan	4 Cross	315@141.00
Blaine	5 blk	485@139.50
Junction City	8 blk	498@139.00
St. George	5 blk	483@137.50
Williamsburg	5 blk	470@130.00
Manhattan	5 Heref	379@124.50

HEIFERS — 550-975 LBS.

Alma	6 blk	555@144.50
Manhattan	4 blk	562@135.50
Manhattan	16 blk	553@126.50
Junction City	5 Cross	600@126.50
Blaine	17 blk	602@124.00
St. George	4 blk	562@120.00
Osage City	5 blk	682@111.00
Leavenworth	8 blk	768@103.00
Osage City	42 Cross	802@99.75

COWS & HEIFERETTES

Valley Falls	1 blk	935@89.00
Riley	1 blk	1035@74.00
St. George	1 blk	1180@74.00
Riley	1 blk	1050@73.00
Onaga	1 blk	1165@66.00
Paxico	1 Char	1605@50.00
Onaga	1 blk	1615@47.00
Frankfort	1 blk	1555@45.00
Frankfort	1 blk	1430@43.00
Frankfort	1 blk	1535@43.00
Paxico	1 blk	1060@41.00
Paxico	1 Char	1235@40.00
Wakefield	1 blk	1545@40.00
Manhattan	1 blk	1295@39.50
Paxico	1 Char	1125@39.00
Randolph	1 blk	1410@38.00
Manhattan	1 mix	1220@37.50
Riley	1 mix	1590@35.00

BULLS

St. George	1 Cross	1840@77.50
Wilsey	1 blk	1700@74.00
Randolph	1 blk	1435@72.50
Wilsey	1 blk	1360@72.00
White City	4 blk	1027@70.50
Wilsey	1 mix	1490@70.00
Westmoreland	1 blk	1760@65.00
Wilsey	1 blk	1435@57.00

	CALVES				
Baileyville	2 blk	@300.00	Leonardville	1 mix	@260.00
			Baileyville	2 blk	@250.00

SPECIAL STOCK COW AND BRED HEIFER SALE

WED., APR. 15 • STARTING 11:00 AM

1st CALF HEIFER PAIRS

- 15 blk & bwf 1st calf hfrs w/ Angus calves, calves worked, ready for grass.
- 53 Choice gentle OCV Montana origin Angus 1st calf hfrs with AI sired Conneally Count Down Feb. 23 - Mar. 3 Angus calves by side. Calves have had Enforce 3, Black Leg, and banded, hfrs poured in March.
- 5 blk 1st calf hfrs w/ 30-60 ay calves by side, grass ready, all shots.
- 20 Red Angus 1st calf hfrs w/ 30-60 day calves by side, grass ready, all shots.
- 20 Angus 1st calf OCV hfrs w/ 90 day Angus sired calves by side, Alpha 7 shot.
- 17 Angus 1st calf OCV hfrs w/ 30-50 day calves by side.
- 25 choice reputation Angus 1st calf hfrs w/ 30-45 day Harms & Lyons Angus calves by side. Hfrs & calves worked & ready for grass.
- 7 gentle Gelv Balancer cross 1st calf OCV hfrs w/ 45-60 day Balancer cross calves by side. Hfrs have had Scourguard & Ivomec, calves 1 rd 7way.

BRED 1st CALF HEIFERS

- 18 Fancy Angus 1st calf OCV pelvic measured hfrs bred LBW Angus bulls, turned in Nov. 24th for Fall calves.
- 24 choice homeraised Angus Fall calving 1st calf OCV hfrs, bred to LBW Angus bulls turned in Nov. 10, taken out Feb. 1.
- 5 choice Moser Genetic SimmAngus Fall calving 1st calf OCV hfrs, AI bred Dec. 3rd to LBW Hickok SimmAngus bull.

REPLACEMENT HEIFERS

- 15 SimmAngus replacement hfrs, 775-800 lbs.
- 3 Angus replacement hfrs, Angus source verified, 3 rds Vira Shield 6, pink eye, Normectin Plus, 700-800 lbs.

BRED COWS

- 15 blk & bwf cows, 3-5 yrs, bred Lyons Angus bull Nov. 1, all shots.
- 15 blk & bwf cows, 4-5 yrs, bred Angus bull for Sumer calves.
- 45 blk Fall calving cows 3-6 yrs, bred to Vermillion Ranch Angus bulls from Nov. 20 - Jan. 5, due to calve late Aug. & Sept., all Fall shots & poured.
- 75 blk bwf Fall calving cows, 3-6 yrs, SimmAngus & Angus bulls turned in Nov. 25th.
- 100 Northern origin blk Fall calving OCV cows, 4-5 yrs bred Nelson Angus bulls Nov. 26 for 85 days.
- 70 blk & Red Angus Fall calving cows, 4 yrs to SS bred for late Aug.-Oct.

PAIRS

- 35 blk cows, 4-6 yrs w/ SimmAngus Nov. & Dec. calves by side. Cows exposed back to SimmAngus bull since Dec. 1. Cows & calves all worked.
- 25 blk, bwf Fall calving cows, 4-7 yrs w/ big Angus & Char cross 300-450# calves, cows running back with Char bulls since late Nov.
- 17 blk Angus (14) bwf (1) & Red Angus (2) cows, 7 yrs & older w/ Dec. & Jan. calves by side. Cows worked Feb. 21.

BULLS

- 2 Registered Angus Coleman Knight hfr bull, 14mo.
- 1 Purebred Simm bull, 13 mo.
- 1 Simm Angus bull, 13 mo.
- 6 blk & Red Limo & Limo Flex Fall & yearling bulls.
- 1 Black Granite registered Angus cow bull, 18 mo.

GIVE US A CALL TO CONSIGN CATTLE FOR THIS SPECIAL SALE!

EARLY CONSIGNMENTS FOR APRIL 17

- 45 choice blk str & hfrs, 1 rd shots, 450-600 lbs.
- 180 choice reputation Angus & SimmAngus str & hfrs, 2 rds shots, 450-600 lbs.
- 9 blk str, weaned 45 days, 3 rds shots, 400-425 lbs.

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Kansas Hay Market Report

Hay market trade slow; prices steady. Most producers report demand as light and movement slow. However, there have been a few reports of increased inquiries and deliveries of alfalfa, directly attributed to the lack of DDG availability. Farmers in the west and central areas are busy in the field planting, spraying, and fertilizing, while fieldwork is at a standstill again for those in the southeast region. The U.S. Drought Monitor indicated that dry conditions continue to persist in the drought and abnormally dry areas of eastern Colorado, western Kansas, and southwest Nebraska. Abnormal dryness (D0) remained at 8 pct, moderate drought (D1) remained at 4 pct, and severe drought (D2) remained at 2 pct. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 230.00-240.00. Dairy 1.00/point RFV, Supreme 185.00-226.00, Premium 170.00-195.00, Good 150.00-170.00. Stock or Dry Cow 160.00-165.00. Fair/Good grinding alfalfa, 110.00-125.00, Ground and delivered locally to feed lots and dairies, 150.00-165.00. Grass Hay: Bluestem, good small squares 7.50-8.50/bale, large squares 100.00-110.00. Sudan: large rounds 60.00-70.00. Triticale: large rounds 100.00-105.00. Wheat straw: large rounds 40.00-50.00, large squares 65.00-75.00 delivered. The week of 3/22-3/28, 11,706T of grinding alfalfa and 1,350T of dairy alfalfa was

reported bought/sold.

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, alfalfa pellets steady; movement slow. Alfalfa: horse, small squares 255.00-275.00. Dairy, 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-178.00. Stock cow, 140.00-150.00. Fair/Good grinding alfalfa, 95.00-110.00, Ground and delivered locally to feedlots 140.00-150.00; Alfalfa pellets: Sun cured 15 pct protein 195.00-205.00, 17 pct protein 200.00-210.00, Dehydrated 17 pct 300.00-310.00. Grass Hay: Bluestem, none reported. Sudan: large rounds 55.00-65.00. Wheat Straw: large squares 65.00-75.00, large rounds 55.00-65.00. The week of 3/22-3/28, 5,117T of grinding alfalfa and 342T of dairy alfalfa was reported bought/sold.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady; movement slow. Alfalfa: horse or goat, 230.00-240.00. Dairy 1.00/point RFV. Stock cow 150.00-160.00. Fair/Good grinding alfalfa, 115.00-125.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 125.00-135.00, good, mid squares 105.00-120.00, large squares, 90.00-110.00, large rounds 60.00-65.00. Brome, good, small squares 125.00-150.00, mid to large squares 110.00-120.00, large rounds 70.00-80.00. Wheat Straw: mid and large squares 60.00-75.00, large rounds 55.00-65.00. The week of 3/22-3/28, 1,548T of grass hay was reported bought/sold.

Northwest Kansas

Dairy alfalfa, ground/delivered steady; grinding alfalfa steady to 5.00 lower, movement slow. Alfalfa: Horse or goat, 205.00-215.00. Dairy, Premium/Supreme 1.00/point RFV. Stock cow, fair/good 150.00-160.00. Fair/good grinding alfalfa, 95.00-105.00. Ground and delivered locally to feedlots and dairies, 125.00-135.00. Sudan, large rounds 60.00-70.00, corn stalks, large rounds 50.00-60.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady movement slow. Alfalfa: horse, premium small squares 9.50-10.50/bale. Dairy 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-170.00. Stock Cow, 150.00-160.00. Fair/good,

grinding alfalfa, 100.00-110.00. Ground and delivered 130.00-140.00. Grass hay: Bluestem, small squares 6.00-7.00/bale, mid squares 90.00-100.00, large squares 85.00-100.00, large rounds 70.00-80.00. Brome, small squares 7.00-8.00/bale, large squares 105.00-120.00, large rounds 75.00-85.00; Sudan, large rounds 55.00-65.00. Wheat Straw: small squares 5.00-6.00/bale delivered, large squares 100.00-110.00 delivered, large rounds 60.00-70.00. The week of 3/22-3/28, 1,470T of grinding alfalfa and 280T 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. Posted to the Internet: www.ams.usda.gov/mnreports/DC_GR310.txt


What's in the stimulus package for beef producers?

The Senate and the House passed and President Trump signed into law Phase 3 of the Coronavirus Relief Package. The bill provides USDA with \$9.5 billion in funding to provide support for agricultural producers impacted by coronavirus, including livestock producers, dairy and specialty crop producers. Additionally,

the bill replenishes \$14 billion in funding for the Commodity Credit Corporation, which is often used to stabilize, support and protect farm income and prices.

Following passage, NCBA, TCFA and other state affiliates immediately sent a letter to Sec. Perdue asking him to take immediate action to provide relief to cattle producers quickly. Additionally, a bi-cameral, bipartisan letter to USDA urging swift action to provide assistance to cattle producers using the resources appropriated in the CARES Act was circulated on the Hill for signatures. Rep. Henry Cuellar (D-TX), Rep. Dusty Johnson (R-SD) and Sen. John Thune (R-SD) were the original authors of the letter.

Of note, the stimulus also provides aid to small businesses who need to maintain payroll by providing eight weeks of cash-flow assistance through 100% federally guaranteed loans to small employers who maintain their payroll during the pandemic. The provision is retroactive to Feb. 15, 2020.



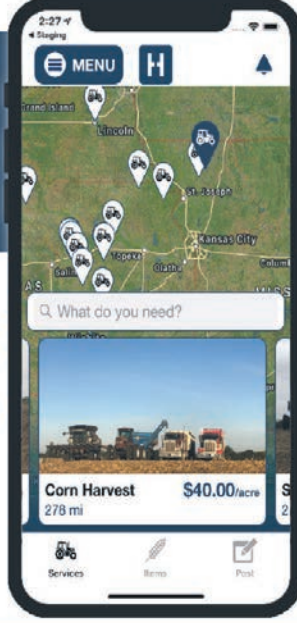
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K-State veterinarian: No evidence that livestock can transmit COVID-19 to humans

The director of a Kansas State University veterinary laboratory that responds to animal health issues across the state says that while coronavirus is a disease familiar to livestock producers, it is not the same strain of the virus that is grabbing headlines across the globe.

The novel strain of coronavirus, COVID-19, is transmitted through humans. There is no evidence that livestock can transmit the disease to humans, and the food products from livestock cannot carry COVID-19 to humans.

“Producers are well aware that there is a (different strain of) coronavirus that is associated with neo-natal diarrhea, and there’s another one that we think is now associated with cattle respiratory disease,” said Gregg Hanzlicek, director of the production animal field investigations unit in K-State’s Veterinary Diagnostic Laboratory.

“But I want to make it perfectly clear that our cattle coronavirus has no relationship to the coronavirus that is currently circulating in humans. These

coronaviruses are very species-specific. There is absolutely no indication that livestock can be carriers of COVID-19 and be a source of infection to humans, either through carrying it on their skin or their hair or anywhere else.”

He added: “Milk, eggs, beef pork... whatever proteins that are produced by livestock are absolutely safe to eat. People do not have to worry about those products carrying COVID-19 to the population.”

Hanzlicek said that producers are safe to go about

the business of taking care of animals: “They need to minimize the amount of exposure they have to humans. At this point, they should keep on doing what they do every day with their livestock.”

Livestock producers who think they may have been exposed to COVID-19 should see their medical professional. If their livestock begin showing signs of illness, as well, Hanzlicek said they should contact their local veterinarian.

“The local vet will call the state or federal veter-

inarian and then a decision will be made whether to test those animals for COVID-19,” Hanzlicek said. “We don’t want to just start blanket sampling all animals. Again, with this virus, we do not believe that livestock are associated with spreading the disease.”

Hanzlicek said that the U.S. Food and Drug Administration has relaxed its rules just a bit to allow producers to consult with a veterinarian through ‘tele-medicine’ – that is, communicating sickness to a veterinarian by phone or online technology.

“The veterinarian is not necessarily required to make a trip to actually look at the animals,” thus maintaining ‘social distance’ guidelines for hu-

mans, Hanzlicek said.

The K-State Veterinary Diagnostic Laboratory, which tests samples for suspected livestock disease, remains open during the university’s limited operations status. Hanzlicek said the lab is open 8 a.m. to 5 p.m. Monday through Friday, and 8 a.m. to noon on Saturday.

Hanzlicek and others also are still available to travel throughout Kansas to help local veterinarians diagnose suspected livestock disease. The staff can be contacted by calling 785-532-5650, or through its web site, www.ksvdl.org.

Hanzlicek said the FDA also maintains a useful site with information for livestock owners regarding COVID-19.

Angus Foundation scholarship applications now being accepted

By Karen Hiltbrand, American Angus Association

Scholarship applications are now available for college students associated with the Angus breed. This past year, the Angus Foundation awarded \$227,700 in scholarships at the 2019 National Junior Angus Show alone, and next year will be no different. The Angus Foundation offers scholarships to undergraduate and graduate students each year as a way to help Angus youth achieve their educational goals and offset the continually rising costs of tuition at higher education institutions.

“We have a responsibility to support the next generation of agriculturalists here at the Angus Foundation,” said Rod Schoenbine, Angus Foundation director of development. “With education costs being higher than ever, we want to help students in their educational endeavors, and awarding scholarships is a key factor.”

Today, countless past junior Angus members have benefitted from the financial support of Angus Foundation-funded scholarships. This year, five past scholarship recipients were put in the spotlight in the Angus Foundation Success Story campaign.

“The Angus Foundation’s core mission of youth, education and research are so important to developing young people to come back into our breed, into our community and to our industry as a

whole,” said Jara Settles, vice president of livestock mitigation at the Livestock Marketing Association and past scholarship recipient. “If we don’t invest in these young people and welcome them back in and give them truly viable opportunities in terms of education and professional growth, they might leave us.”

To see the stories and hear the success of past recipients, visit angus.org/foundation.

Undergraduate and Graduate Scholarships

Applicants for undergraduate and graduate scholarships must have, at one time, been a member of the National Junior Angus Association (NJAA) and currently be an active junior, regular or life member of the American Angus Association. The following documents are required to be considered for a 2020 undergraduate or graduate scholarship: the 2020 scholarship application; three letters of recommendation; copy of current high school/college/university transcript; and applicant’s Association member code. Undergraduate and graduate scholarship applications, eligibility requirements and application guidelines can be found online at AngusFoundation.org. Applications are due May 1, 2020.

Allied Angus Breeders Scholarships

The Angus Foundation also will award three \$1,000 scholarships to undergraduate or graduate

students who use Angus genetics in a commercial cattle operation breeding program or whose parents use Angus genetics. Emphasis will be placed on applicants’ knowledge of the cattle industry and perspective of the Angus breed.

Applicants or their parents/guardians must be members of the American Angus Association or have an affiliate member code. The applicants or their parents/guardians must have transferred or been transferred an Angus registration paper in the last 36 months (on or after May 1, 2018). The scholarship is applicable to any field of study. A separate application, from the general Foundation application, is required for the Allied Angus Breeders Scholarship. The application can be found on the Angus Foundation website. Applicants having received or applied for Angus Foundation undergraduate scholarships using our standard general application this year or in past years will not be considered for this scholarship.

Certified Angus Beef National Junior Angus Association Scholarship

Since 1990, the NJAA has teamed up with Certified Angus Beef (CAB) LLC to help Angus youth pursue their higher education goals. The selected applicant will receive a \$1,000 scholarship. A separate application from the Angus Foundation scholarship application is re-

quired for the CAB/NJAA scholarship. Requirements are similar to the general Angus Foundation scholarship; more details can be found on the application. The application is available on the Angus Foundation website.

“At the Angus Foundation’s core are youth and education,” Schoenbine said. “Our Angus and allied commercial producer youth deserve the best higher education learning environment they can experience, and these scholarship opportunities help make that possible.”

Since 1998, the Angus Foundation has awarded more than \$3.5 million in undergraduate and graduate scholarships. For more information about the Angus Foundation or scholarships, visit angus.org/foundation.

Swenson to retire as 4-H program manager



After 15 years with Cloud County Extension and the River Valley Extension District, Denise Swenson has announced her retirement effective April 3, 2020.


Denise began her ca-

reer with K-State Research and Extension as a part-time 4-H assistant in May of 2005 with Cloud County Extension. She transitioned into a part-time 4-H program assistant with the beginning of the River Valley District in July of 2005 and was promoted to full-time 4-H program manager in January of 2010.

A retirement party is tentatively planned for Tuesday, May 19, 2020 from 3:00-6:00 p.m. at Zion Lutheran Church in Concordia.

Congratulatory cards and letters may be addressed to: Denise Swenson, River Valley Extension District, 811 Washington Street, Suite E, Concordia, KS 66901.

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INVITATION TO BID

Jack B. (John) Boyle is accepting sealed bids on the following Marshall County real estate:
The Northwest Quarter of Section 12, Township 3, Range 10, less an approximately 3 acre tract previously deeded in Marshall County, Kansas.

AND Robert & Marguerite Boyle are accepting sealed bids on the following Marshall Co. real estate:
The Southwest Quarter of Section 12, Township 3 South, Range 10, Marshall County, Kansas.



You are invited to bid on the tract listed. You may bid on either or both tracts. To view the property please contact Galloway, Wiegars & Brinegar to schedule an appointment.

Bids sheets can be obtained by contacting Galloway, Wiegars & Brinegar or by visiting the website: sealedbidauction.net. Bids must be received by 12:00 p.m. April 21, 2020. Seller reserves the right to accept any bid, reject all bids or invite certain bidders to a subsequent private auction.

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4/1/20 SALE RESULTS

COWS & HEIFERETTES		BULLS		
Herington, 1 blk	1315@60.00	Herington, 1 blk	2070@90.50	Herington, 59 mix
Florence, 1 Red	930@60.00	Herington, 1 blk	2160@85.50	Galva, 13 blk
Florence, 1 Red	785@60.00	Marion, 1 blk	1960@78.50	
Hope, 1 Red	1710@57.00	Peabody, 1 Red	1800@75.50	HEIFERS
Hillsboro, 1 blk	1645@56.00			Hope, 9 mix
Marion, 1 blk	1515@55.50	STEERS		Peabody, 4 mix
Herington, 1 rwf	1390@55.00	Tampa, 10 mix	480@162.50	Hillsboro, 2 blk
Lincolnvill, 1 blk	1410@55.00	Wilsey, 2 blk	588@144.00	Tampa, 9 blk
Florence, 1 Red	880@55.00	Tampa, 13 blk	609@140.50	Hope, 34 mix
Florence, 1 Red	980@55.00	Eskridge, 3 blk	687@138.50	Tampa, 3 blk
Florence, 1 Red	910@55.00	White City, 5 blk	630@137.00	Hope, 29 Red
Florence, 1 blk	840@55.00	Hope, 12 mix	701@131.25	Herington, 107 mix
Florence, 1 blk	875@55.00	White City, 6 mix	758@121.25	Hope, 24 Red
Florence, 1 Red	950@55.00	Wilsey, 13 blk	737@120.00	Hillsboro, 3 blk
Florence, 1 blk	895@55.00	Herington, 6 blk	736@120.00	Woodbine, 64 mix
Florence, 1 blk	1155@54.00	Hope, 6 mix	620@119.00	Woodbine, 64 mix
Florence, 1 blk	915@52.00	Eskridge, 10 blk	819@115.00	Hope, 66 mix
Florence, 1 blk	1135@52.00	Wilsey, 18 blk	837@110.00	
Lincolnvill, 1 blk	1500@51.50	Herington, 12 blk	888@105.50	CALVES BY THE HEAD
Marion, 1 blk	1420@51.00	Ramona, 59 blk	960@103.00	Lincolnvill, 1 blk
		Ramona, 59 mix	957@102.50	Ramona, 1 blk
				90@300.00
				Lincolnvill, 1 blk
				80@290.00

EARLY CONSIGNMENTS FOR APRIL 8

- 3 loads 900 lbs. a piece mostly blk strs.
- 60 blk strs & hfrs, home raised, LW, shots, 600-700 lbs.
- 40 mostly blk strs & hfrs, home raised, LW, shots, 600-700 lbs.
- 74 Red strs & hfrs, home raised, shots, 600-700 lbs.
- 80 Red / blk strs, home raised, LW, shots, 700-800 lbs.

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Intranasal and injectable respiratory vaccines: there's a time and place for both of them

Bovine respiratory disease (BRD) is still a major cause of sickness and death in young beef and dairy calves. While vaccination remains one of the most effective ways to prevent losses associated with BRD, it's often assumed that intranasal vaccines are the best approach in younger calves. However, recent research shows that previous perceptions about injectable respiratory vaccines may not be accurate, and that both types of vaccines have a place in BRD prevention.

Building calf immunity

When a calf is born, its immune system isn't fully developed. Since it has no antibodies in the blood to fight off pathogens or disease-causing viruses and bacteria, the calf relies on antibodies it receives from the dam via colostrum in the hours after birth.

These maternal antibodies bind to specific pathogens and destroy them, but they're gener-

ally short-lived, gradually waning over the first few months of the calf's life.

Vaccines are needed to stimulate the calf's immune system to start producing its own antibodies against specific disease-causing agents. IgA antibodies, thought to be stimulated by intranasal vaccines, are the predominant antibodies in the mucosa, or the lining of organs such as the upper respiratory tract (nasal passages).

IgG antibodies, on the other hand, are the predominant antibodies circulating in the blood, and are generally believed to be produced in response to injectable vaccines. IgG antibodies help build long-term immunity. Both IgA and IgG antibodies are needed to fight off disease-causing agents.

The role of respiratory vaccines

To help stimulate calf immunity, vaccines expose the animal to antigens, or

weakened versions of the pathogens, priming the immune system to create antibodies and other immune cells that will recognize the real pathogens, should they invade.

The trouble is, it's difficult to predict when, exactly, maternal antibodies will diminish from one calf to the next. Maternal antibodies have the potential to recognize vaccine antigens as foreign, and neutralize them, which is why vaccines are often not recommended until the calf is a few months old. However, it's now clear that some (but not all) vaccines are able to override maternal antibodies and stimulate a robust and lasting immunity at an earlier age.

Intranasal vaccines and mucosal immunity

Many beef and dairy producers have turned to intranasal vaccines to boost newborn-calf immunity. These vaccines mimic a natural infection by introducing antigens into the

tissue lining the nasal cavities, or mucosa, where respiratory viruses and bacteria typically enter. The idea is to help the body fend off respiratory pathogens in the nasal passages and trachea before they can enter the lungs and really cause damage.

"Intranasal vaccines are generally easy for a newborn calf's immune system to process," explained Mike Nichols, DVM, Boehringer Ingelheim. "These vaccines are able to override maternal antibody interference to create fast, local, mucosal immunity in very young calves."

In addition to stimulating the production of local IgA antibodies against specific respiratory viruses, intranasal vaccines also spark the production of interferon, or proteins that signal the immune system to increase anti-viral defenses in a calf's body.

At the same time, it's important to generate cell-mediated immunity, or the production of immune cells that destroy pathogens which have invaded other cells. "Although some intranasal vaccines may elicit a cell-mediated immune response, it's typically not as robust or long-lasting as what occurs with injectable vaccines," reported Dr. Nichols.

"If you start with an intranasal vaccine in newborn calves, at about one to two months of age, it's important to stimulate the kind of strong, long-term systemic immunity that's only possible with injectable vaccines," he continued. Injectable respiratory vaccines also protect calves against important pathogens not covered by intranasal vaccines, such as bovine viral diarrhea virus (BVDV) Type 1b, the most prevalent BVDV strain in the United States

today.

Injectable vaccines can override maternal antibodies

Even at one or two months of age, most calves still have maternal antibodies in their systems. In the past, it was believed there was no point in giving injectable respiratory vaccines before about four months of age, because they would be inactivated by maternal antibodies. But a recent study proves that's not the case.

In the study, calves with maternal-derived immunity for bovine respiratory syncytial virus (BRSV) were administered an injectable modified-live virus respiratory vaccine for BRSV or a placebo at 30 days of age. The calves were then exposed to BRSV about 90 days later. Compared to calves that received a placebo, those administered the vaccine had fewer clinical signs and lung lesions, as well as less viral shedding.

These findings prove that an injectable respiratory vaccine, when given to calves at 30 days of age, can overcome maternal antibodies to stimulate protective immunity against BRSV. "That's not to say all injectable vaccines can do this," Dr. Nichols said. "This particular product utilizes a unique adjuvant that protects vaccine antigens from maternal antibodies, thus enhancing the immune response, even in calves still maintaining high levels of maternal antibodies acquired from colostrum."

Injectable vaccines stimulate mucosal and systemic immunity

It was previously assumed that intranasal vaccines generated mucosal immunity with IgA antibodies and interferons, while injectable vaccines were responsible for systemic immunity with IgG antibodies. Again, it's not that cut and dried.

The BRSV study found that calves administered the injectable vaccine developed an IgA mucosal immunity to BRSV, as measured by antibodies in nasal secretions. Vaccinated calves also had significantly higher interferon levels than their unvaccinated counterparts. In addition, they developed a systemic, cell-mediated

immunity.

"We now know we don't have to give intranasal vaccines in order to stimulate the production of IgA antibodies and interferons in the mucosa," clarified Dr. Nichols.

Injectable vaccines stimulate a rapid immune response, too

Until recently, it was believed that intranasal vaccines stimulated faster immunity than injectable vaccines. But a recent study shows that injectable vaccines can produce rapid immunity, too.

In a study of calves not previously vaccinated against bovine herpesvirus-1 (BHV-1), the causative agent behind infectious bovine rhinotracheitis, a single dose of a modified-live injectable vaccine containing that antigen produced adequate immunity within three to four days, about the same amount of time required for intranasal vaccines.

A place for both types of vaccines

"Intranasal vaccines are most beneficial for newborn beef or dairy calves that are likely to be exposed to respiratory pathogens early," Dr. Nichols suggested. "Examples would be dairy calves that may benefit from vaccination the day of birth or beef operations that are involved in intensive embryo transfer or artificial insemination work resulting in greater disease challenge in the first month or so following birth."

Following up with an injectable vaccine at 30 to 60 days of age (pre-weaning for dairy calves and turnout for beef calves) could then provide broader, more long-lasting immunity.

But there are some cases in which calves simply may not need intranasal respiratory vaccination at birth. "For most beef operations, calves are out on the range," said Dr. Nichols. "If they've had good passive antibody transfer from their dams, they may actually be fine until 30 to 60 days of age, when an injectable vaccine could stimulate both the mucosal immune system for local protection, as well as the systemic immune system for robust, long-lasting respiratory disease protection."

Every herd is different, so remember to consult a veterinarian to develop the most effective protocols for your operation.

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400-500#	\$165.00-\$148.00
500-600#	\$156.00-\$130.00
600-700#	\$152.00-\$133.00
700-800#	\$144.00-\$128.00
800-900#	\$123.00-\$112.00
900-1,000#	\$100.00-\$93.00

HEIFERS

300-400#	\$162.00-\$148.00
400-500#	\$160.00-\$144.00
500-600#	\$149.00-\$130.00
600-700#	\$142.00-\$128.00
700-800#	\$115.00-\$105.00
800-900#	\$100.15-\$94.00

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Market Report for 4-2-2020.

1100 HEAD SOLD

HFRETTES:

N/A

COWS-HIGH YIELDING

1755#-1115# \$72.00-\$61.00

COWS-LGT WT & LOW YIELDING

1510#-980# \$58.00-\$42.00

BULLS:

2150#-1000# \$82.00-\$65.00

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JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from April 1, 2020

STEERS					
3	490	170.50	5	589	126.50
8	520	165.00	11	635	114.75
8	595	153.75	11	689	114.50
9	619	150.25	8	713	114.00
37	688	146.50	12	720	110.50
10	723	126.00	4	875	104.50
20	733	125.00	25	749	102.50
8	764	124.00	33	852	101.75
65	816	120.50	6	841	100.00
36	828	111.00	TOP BUTCHER COW:		
58	864	110.00	\$67.00 @ 1,844 lbs.		
58	887	109.50	TOP BUTCHER BULL:		
16	926	101.00	\$81.50 @ 1,915 lbs.		
18	948	100.25	BRED COWS SOLD FROM:		
			\$1,775 - \$1,825 Fall bred hfrs		
HEIFERS					
3	397	146.50	PAIRS SOLD FROM:		
6	485	145.50	2 yr: \$1,725 - \$2,200		
4	593	131.00	Prs: \$1,050 - \$1,500		

CONSIGNMENTS FOR APRIL 8:

140 AngX str & hfrs, 450-550 lbs	Off cow pre-vac
35 AngX str & hfrs, 400-600 lbs	Off cow pre-vac
50 AngX str & hfrs, 450-600 lbs	Off cow
25 AngX str & hfrs, 500-575 lbs	Vacc. & weaned

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CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from March 31, 2020

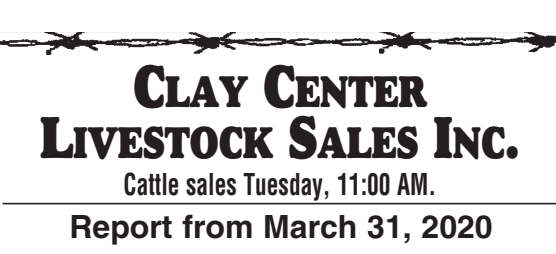
	STEERS		2	370	142.00
3	467	166.00	6	488	140.00
7	404	160.00	7	548	128.00
4	589	156.00	6	626	123.00
10	554	153.00	30	692	119.50
35	685	146.75	7	786	112.00
8	698	143.50	10	729	109.50
37	664	140.50	17	789	104.00
11	720	120.50	10	811	101.25
15	824	117.25	9	878	97.00
14	849	116.25			
64	865	115.75	TOP BUTCHER COW:		
7	901	107.50	\$65.50 @ 1,530 LBS.		
8	984	97.25			
	HEIFERS		TOP BUTCHER BULL:		
1	280	150.00	\$79.50 @ 2,150 LBS.		

TOP BUTCHER COW:

\$65.50 @ 1,530 LBS.

TOP BUTCHER BULL:

\$79.50 @ 2,150 LBS.



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8 mix.....	413@159.00	4 blk.....	309@170.00
5 bkbw.....	464@157.00	9 bkbw.....	393@162.00
9 mix.....	546@144.00	5 blk.....	388@143.00
13 mix.....	662@129.50	7 mix.....	446@159.00
		6 mix.....	448@156.00
		15 blk.....	470@156.00
		7 blk.....	425@155.00
		4 blk.....	410@151.00
		5 blk.....	495@149.00
		7 bkbw.....	489@146.00
		4 wf.....	461@135.00
		5 mix.....	501@156.00
		6 blk.....	508@151.00
		4 blk.....	585@151.00
		10 blk.....	533@150.00
		14 mix.....	534@150.00
		6 mix.....	561@150.00
		18 mix.....	553@149.00
		4 blk.....	515@148.00
		5 mix.....	542@143.00
		15 wf.....	557@140.00
		8 mix.....	584@138.00
		40 mix.....	658@155.50
		11 mix.....	635@149.50
		21 wf.....	609@139.00
		5 blk.....	618@139.00
		12 blk.....	648@137.00
		4 blk.....	669@135.50
		4 blk.....	673@135.00
		10 bkbw.....	689@131.50
		20 mix.....	739@146.50
		7 blk.....	730@139.00
		9 wf.....	703@130.00
		15 mix.....	789@113.00
		9 mix.....	709@90.00
		15 mix.....	880@113.50
		14 blk.....	884@106.00
		23 mix.....	825@105.00
		107 mix.....	887@105.00
		28 mix.....	914@108.00
		39 mix.....	974@99.50
		14 mix.....	976@98.00
		60 mix.....	1065@99.00

STEERS

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Value-based marketing comes to feeder cattle

By Mark McCully, CEO, American Angus Association

There was a time in our industry when all beef was valued at the same price. Then along came the USDA grading system. It was originally developed to make sure our troops were getting high-quality meat, but it has evolved into a system of grades and brands that predict yield, consistency and consumer eating satisfaction.

The marketplace has adjusted. Today the value of a 900-pound USDA Prime carcass can easily bring \$400 more than a similar carcass grading USDA Select.

That difference in beef value has driven the change in how packers buy cattle. At one time all fed cattle were valued at the same live price per pound. Today we predominantly see value-based systems and grids that reflect real carcass value spreads, and that price cattle accordingly.

The evolution of value-based marketing is now more prominent with feeder cattle. Applying an individual animal pricing system based on meat price is fairly simple for finished cattle. The cattle are harvested, individually graded and value is assigned.

For feeder cattle, it's not quite that simple. A 500-lb. steer is 200 to 300 days away from being finished. A lot can happen in that time to affect carcass value.

One thing we do know is 30%-40% of the variation we see in carcass value is due to genetics. By knowing both

the breed and the genetic merit for carcass traits, cattle feeders can have a much better idea of how a set of feeder cattle will grade in the end.

Beyond carcass merit, knowledge about performance and feed efficiency has incredible value to a feeder. Again, those traits that are highly heritable and, therefore, highly influenced by genetics.

As more genetic information on sets of feeder cattle is made available, we see more value-based pricing in the market. Historically, feeder-calf values have been based on a host of factors — weight, freight, gender, health and vaccinations, weaned status, flesh, breed, and hide color — to name a few. Those factors will continue to be important, but we now see significant premiums being paid for documentation of genetics, source, age, breed and management practices like no use of antibiotics or hormones.

With this changing marketplace, programs have emerged that document and communicate this value to take the guesswork out of predicting the genetic merit of feeder cattle. Buyers are responding accordingly and are able to more accurately value the cattle they want and, on the flip side, those they don't. Taking advantage of programs that provide documentation allows commercial cattlemen to separate their calves from the commodity mix.

To meet this evolving market dynamic and help producers get paid for the value they've added, the American Angus Association provides AngusLink. AngusLink is a USDA Process Verified Program (PVP) that can verify age and source, Angus-sired genetics (ASG), non-hormone treated cattle (NHTC), never-ever 3 (NE3) for natural programs, cattle care and handling, and calf management. In addition to the PVPs, AngusLink has an optional Genetic Merit Scorecard® that producers can use in marketing or to benchmark the genetic progress of their herd. Most recently, AngusLink has entered into a service partnership with EarthClaims LLC to be able to add GAP (Global Animal Partnership) certification in a convenient and cost-effective way.

A changing marketplace calls for a change in mindset. More than ever, documenting the genetics you have and verifying management practices pays off. AngusLink is a program that enables cattlemen to advance their marketing and elevate their cattle above the commodity mix while reaching an expanded buyer base and attracting more bids. The AngusLink team consists of cattlemen who understand your business, speak your language and are there to answer your questions and help you be more successful.

The marketplace is changing. Don't get left behind.

Cattle market responses to recent market turmoil

By Derrell Peel, Oklahoma State University

Economists often say that market prices are determined by demand and supply. What they really mean is more correctly stated as “market prices are determined by expectations of demand and supply.” Under more stable and normal circumstances, this distinction is not particularly significant.

However, the current market situation creates significant disparities between the current supply and demand situation and expectations for coming supply and demand conditions. The result is a number of seeming paradoxes between different cash cattle and beef mar-

kets and between cash and futures markets.

Fed and feeder cattle markets have exhibited extreme volatility while balancing current market conditions and expectations for the future. As the Dow Jones fell from over 29,000 in the third week of February to less than 19,000 one month later, Live cattle futures fell from about \$112 per cwt. to \$86 per cwt. (June contract) over the same period.

The markets reflect the ongoing concern about the weakening U.S. and global macroeconomic conditions resulting from COVID-19. June Live cattle futures recovered to \$97 per cwt. before dropping again late last week

to \$89 per cwt. Live cattle futures have also reflected the risk that labor disruptions could disrupt packing plant operations.

Cash fed cattle prices declined from nearly \$120 per cwt. in mid-February to a low around \$106 per cwt. in mid-March. Cash fed prices declined on broader concerns reflected in the Live futures as well as the supply pressure of increased beef production.

Year-to-date beef production is up 6.3 percent through mid-March. In the past two weeks, cash fed cattle prices rebounded to about \$119 per cwt. as packers increased beef production in response to the sharp demand increase for re-

tail beef. Beef production is estimated to be up over 11% the last two weeks of March. Saturday cattle slaughter over that period is estimated to be up 90% year over year and contribute to a 5.9% year over year increase in total cattle slaughter for the two-week period. Carcass weight continue well above year ago levels.

Feeder cattle futures markets also reflected the macroeconomic uncertainty and declined from over \$143 per cwt. in mid-February to a low of about \$109 per cwt. by mid-March (May contract). Feeder futures continues to exhibit tremendous volatility trying to balance the longer-term macroeconomic

concerns with short-term market conditions.

Cash feeder cattle prices followed futures with the Oklahoma combined auction prices for 500-550 lb. No. 1 steer prices dropping from about \$184 per cwt. in the third week of February to a low near \$152 per cwt. one month later. Prices for 750-800 lb. No. 1 steers declined from about \$139 per cwt. to \$117 per cwt. over the same period.

The sharp drop in cash prices resulted in a sharp drop in feeder cattle marketings. Combined auction totals for Oklahoma declined 59% year over year in the last three weeks of March. Nationally, total feeder and stocker receipts

are down 56% in the last three weeks of March. The squeeze on available feeder supplies pushed feeder prices sharply higher by 10% to 12% over the previous week. Ripple effects will likely impact feeder cattle markets in the coming weeks.

The different patterns of boxed beef, fed and feeder cattle prices in the past weeks illustrates vividly the fact that these markets operate with very distinct dynamics. These dynamics have become very apparent as the distinction between the current market situation and expectations for future supply and demand conditions has widened.

The Porsche of beef – consumers are willing to pay a high price for beef if it's worth it every time

By Morgan Marley

If USDA Choice were a basic Volkswagen, U.S. cattlemen should be producing the Audis and Porsches made by the same company.

That's according to Robbi Pritchard, speaking at the recent Midwest American Society of Animal Scientists' Harlan Ritchie Symposium in Omaha. He was one of five who presented on evolving cattle production to align with consumer demands.

Superior products require superior attention to detail, including shifting demand signals.

“Those consumer preferences seem to be focused on the increased demand we've seen for the higher quality products,” Pritchard said. “And the wellbeing of the animals—which gets around to animal husbandry, our environmental impact and how well we manage through the entire supply chain.”

Consumers have proven they're willing to pay the “Porsche price,” but if the eating experience doesn't match, then that brand of beef will get scratched off the buy-again list, he said.

Generic cattle have limited potential in today's branded and specialized marketplace, where the average load is 75% Choice or higher. That's also the threshold for reward premiums.

Borrowed approach
Learning from others can save a lot of time, worry and money.

Take notes from hog farmers on replacement females, Pritchard sug-

gested.

“In the '80s, swine producers started to receive letters from packers that their hogs no longer met market specs and they would not buy their hogs any more,” he said.

The problem? Lack of uniformity and quality in the sow herd. The quickest and most efficient way to make a turnaround was to buy commercial F1 females with a proven record of consistency.

“We can do that in the cattle industry if we're willing to take that step,” he said.

Leading beef producers are there now, but many more would benefit by following their lead.

Maternal function and carcass quality can be delivered in one package with focused selection. But it doesn't work if half of your steer calves have maternal sires and half have terminal sires.

Humans have a competitive nature that drives toward “best,” whether that's luxury cars or premium beef production.

“If we're building a Porsche, do we buy the cheapest brakes to put in it?” Pritchard asked. Unintended consequences proliferate when losing sight of the end goal.

Cattlemen have built highly efficient cows. Commercial producers should focus on improving the bottom end of the herd for the fastest results.

There are different ways to evaluate efficiency. Some compare weaning weights as a percent of cow weights. Others optimize carrying capacity, which keeps downward

pressure on frame size.

“Both of these select for smaller cows,” Pritchard said. “But in the end, we're still trying to see how many servings of beef we can produce per cow per year.” That's why he prefers to compare cows on their progeny's hot carcass weight, times age at harvest, divided by cow body weight.

Efficiency benefits the environment, too. Cattle used to enter the feedyard at 15 to 18 months of age, but today most Northern Plains cattle are harvested by then.

“When feeder cattle go to the feedyard sooner and are harvested sooner, there's less carbon footprint,” he said.

Some consumers want grass-fed cattle and decreased greenhouse gas emissions simultaneously, Pritchard noted. But the longer an animal walks the earth, the larger its carbon footprint.

“It just doesn't fit,” he said, while allowing, “We still have to work on finding sustainable solutions.”

Breaking old habits

As for the next challenge, Pritchard asked,

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STEERS		HEIFERS	
4 blk str	417@186.00	3 blk hfrs	361@161.00
3 blk str	335@185.00	8 blk hfrs	538@160.00
3 blk str	395@181.00	6 blk blk hfrs	495@159.00
11 blk bwf str	368@181.00	9 blk hfrs	503@155.50
5 blk males	397@177.00	10 blk bwf hfrs	544@154.00
8 blk str	540@170.00	58 mix hfrs	557@151.25
15 blk bwf str	454@170.00	14 blk bwf hfrs	393@148.00
11 blk str	540@169.00	6 blk hfrs	549@147.50
18 blk red str	568@166.00	55 blk red hfrs	560@142.00
12 blk str	618@159.50	10 blk hfrs	453@139.00
8 char blk str	609@159.00	12 blk hfrs	592@137.50
11 blk red str	545@157.00	13 blk hfrs	420@135.00
21 blk bwf str	637@154.75	13 blk red hfrs	631@129.00
14 blk bwf str	638@154.50	13 blk hfrs	631@128.50
64 blk red str	590@150.50	13 blk red hfrs	653@127.00
20 blk str	676@148.75	11 bwf rwf hfrs	658@126.00
10 blk str	472@148.00	13 blk bwf hfrs	696@125.50
23 char blk str	699@147.25	14 blk char hfrs	673@125.50
8 blk bwf str	706@137.75	10 blk bwf hfrs	502@125.00
65 mix str	766@134.75	16 blk bwf hfrs	724@122.50
24 blk bwf str	762@129.25	7 blk hfrs	694@120.00
11 blk str	784@128.00	25 blk hfrs	788@114.75
10 blk red str	754@121.00	6 blk hfrs	801@113.50
13 blk bwf str	854@121.00	15 blk red hfrs	872@109.50
29 mix str	871@119.00	17 blk hfrs	941@106.50
31 blk red str	915@113.75		

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of that, we will use less antibiotics.

“When we co-mingle, it's like daycare,” Pritchard said. No amount of vaccinations and health precautions can prevent disease in every animal.

Technology has provided assistance in monitoring animals and streamlining chores, but he said it's increasingly used as a substitute for choices and husbandry skills. Those require persistent practice.

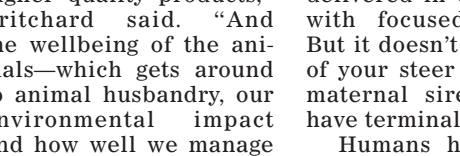
“Husbandry is kind of like marriage,” he said. Everyone has their own opinion on what makes a successful marriage, so “it's really hard to define the good ones.”

Animal welfare is the biggest concern from consumers, and husbandry is a key component.

Technology and husbandry intermix during heat detection, Pritchard said. He noted a commonly listed advantage of timed AI is that it eliminates the need to identify which cows are in heat.

“But,” he asked, “if we are challenged to find help that can recognize estrus, how capable are we of identifying early signs of illness in feeder cattle?”

There's more to raising a good steak than what meets the eye. It has to have superior attention from first plans to the dinner table.”



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www.centrallivestockks.com
Office: 620-662-3371
or Matt Hoffman (Owner): 620-727-0913
Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 10:00 a.m.
Hog/Sheep/Goat Auction- Every 3rd Saturday
Horse/Tack Auction- Every 1st Saturday

Tues., April 14th - Calf/Yearling Special
Sat., April 18th - Hog/Sheep/Goat Sale
Tues., April 28th - Holstein Special

Check website/ Facebook for schedule changes!

EL DORADO

LIVESTOCK AUCTION, INC.

316-320-3212

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

Market Report - Sale Date 4-2-20. 2232 Head.

300-400 lb. steers, \$116-\$177; heifers, \$116-\$157; 400-500 lb. steers, \$163-\$181; heifers, \$121-\$161; 500-600 lb. steers, \$105-\$176; heifers, \$123-\$162; 600-700 lb. steers, \$101-\$165; heifers, \$107-\$135; 700-800 lb. steers, \$92-\$136; heifers, \$97-\$120; 800-900 lb. steers, \$83-\$112.50; heifers, \$85-\$95; 900-1,000 lb. steers, \$73-\$105. **Trend on Calves:** \$8-\$10 lower on steer calves; \$10-\$20 lower on heifer calves; active market. **Trend on Feeder Cattle:** \$10-\$18 lower on feeder steers; \$8-\$15 lower on heifers; demand was moderate at best. **Butcher Cows:** high dressing cows \$54.50-\$61.50; Avg. dressing cows \$40-\$50; low dressing cows \$21-\$35. **Butcher Bulls:** Avg. to high dressing bulls: \$69-\$82. **Trend on Cows & Bulls:** \$16-\$20 lower.

HIGHLIGHTS:

HEIFERS	29 mix	496@174.00	
13 blk	459@147.00	70 mix	568@152.00
17 mix	506@138.00	14 mix	578@169.00
58 blk	516@140.00	76 mix	640@154.00
69 blk	584@128.25	67 mix	687@139.00
106 mix	625@135.00	15 blk	686@152.50
16 mix	653@124.00	39 mix	701@133.00
18 mix	763@109.00	64 mix	816@112.50
72 mix	809@92.00	52 mix	866@105.00
STEERS	61 mix	867@108.10	
8 blk	406@180.00	59 mix	921@96.25
13 mix	443@165.00	102 mix	982@92.50

THURSDAY, APRIL 9, 2020 SALE

**STAY TUNED FOR EARLY CONSIGNMENTS!
CHECK OUR WEBSITE AS WELL AS FACEBOOK
FOR UPDATED LISTINGS!**

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

Check our website & Facebook for updated consignments: www.eldoradolivestock.com
To stay up to date on our latest announcements you can "Like" us on Facebook

Josh Mueller Owner/Manager (316) 680-9680	Steven Hamlin (602) 402-6008 (H) (620) 222-1199 (M)
Chris Locke (316) 320-1005 (H) (316) 322-0675 (M)	Van Schmidt, Fieldman (620) 367-2331 (H) (620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

College of Veterinary Medicine continues to offer essential services to Kansas and beyond

The College of Veterinary Medicine at Kansas State University has made accommodations to continue providing the best service possible in animal care and diagnostic services during this time of need.

The college's recent actions are in line with recommendations from the American Veterinary Medical Association, the World Organization for Animal Health and the World Veterinary Association, who have collectively identified veterinary services as essential. In Kansas, most private veterinary practices remain open with new precautionary protocols to protect clients and professional staff.

"Veterinarians serve the public in a variety of capacities beyond animal care, including disease prevention, public health,



The Kansas State University Veterinary Health Center is staying open for emergency services and is making accommodations to maintain social distancing with clients.

File photo

food inspection and food safety, research on infectious and zoonotic diseases, translational medicine and much more," said

Bonnie Rush, dean of the College of Veterinary Medicine. "Despite COVID-19, we continue to provide services that are deemed

essential for our community and the state. We have worked through staffing and personal safety guidelines to protect workers and limit interruption of essential services."

The Veterinary Health Center remains open to provide care for urgent and emergency patients of all species. It has also taken measures to protect the safety of hospital staff and the community by making scheduling adjustments. These adjustments include a drop-off concierge protocol and a new discharge protocol, just to name a few. The full protocol is posted at vet.k-state.edu/vhc/covid-19.html.

"We are making every effort to maintain around-the-clock services for veterinary patients in need," said Elizabeth Davis, interim center director. "Concurrently, as essential members of our community, we are working to keep students, staff and faculty healthy and safe. The Veterinary Health Center is committed to provision of high-quality, specialized veterinary services and exceptional training for professional students and specialists in training."

Another College of Veterinary Medicine service, the Kansas State Veterinary Diagnostic Laboratory, is providing an added sense of security during a time of uncertainty and unpredictability.

"The lab is maintaining regular operating hours, but with staggered shifts for staff," said Jamie Henningson, director of the laboratory. "Our services support essential industries and individuals, inside and outside of Kansas, who must continue to operate during this challenging time, which include, but are not limited to, veterinarians, livestock producers, pet owners, rabies testing and the National Animal Health Laboratory Network to detect foreign animal disease or to respond to an outbreak."

For more information and updates, visit the College of Veterinary Medicine website at vet.k-state.edu.

Moser announces bid for House seat



Lisa Moser has announced her candidacy for the Kansas House of Representatives, 106th Legislative District. Moser and her husband Harry have operated the Moser Ranch, a purebred cow-calf operation north of Wheaton in southeastern Marshall County since 1994. From 1982-1986, they worked on the Moser family farm/ranch in North Dakota, and from 1986-1994 they managed a large ranching operation in Jackson County, all the while owning and managing their own cattle enterprise within those two entities.

A 1981 graduate of Kansas State University with a degree in Animal Science, Moser has deep roots in Kansas agriculture. She is native to the 106th district, born the fourth of seven children when her family farmed north of Lillis. Her formative years were spent on a family farm in Nemaha County where she was involved in the local 4-H program, eventually assuming leadership positions prior to university.

Lisa and Harry have three children. Cameron and Carrie (Bergmann) Moser are partners in the Moser Ranch operation. Kendra and Rex Michaelis live north of Home, where Rex is a crop adjuster and Kendra manages a physical therapy practice. Kayla and Ty Josefiak are involved with the Josefiak Family Farm & Ranch Operation at Rozel. The Mosers are grandparents to nine grandchildren.

In addition to managing ranch operations with her husband, Lisa devoted time to raising their children, and now relishes time with her grandchildren. She has served local 4-H clubs and was Pottawatomie County 4-H

Beef Leader. She was a six-year member of the Jackson County Fair Board, becoming its first woman president. Moser was a founding member and president of the Jackson County Cattlewomen. She is a member of the Kansas Simmental Association, a member of the Kansas Livestock Association, a member of the National Cattlemen's Beef Association, as well as holding membership in the American Angus and Simmental Associations. Moser is in her fourth year as board member of the Livestock & Meat Industry Council (LMIC), an advisory board for the K-State Department of Animal Sciences and Industry. LMIC is a non-profit charitable organization supporting animal agriculture research, teaching, and education.

Moser Ranch accomplishments include being named the Beef Improvement Federation's 2003 "Seedstock Producer of the Year," and "2012 Outstanding Stockman" by the Kansas State University Block & Bridle Club, Department of Animal Sciences & Industry. Moser Ranch received the Grassland Award from the Marshall County Conservation District in 2011 for their clean-up and conservation improvement efforts on pastureland the couple purchased in 2008.

Hospice work, one of Moser's passions, has been an important part of her life for over twenty years. A Hospice volunteer for thirteen years, Moser has maintained part-time employment at a hospice facility in Manhattan since 2011. She was named Employee of the Year there in 2014.

Moser's legislative interests include pro-life measures, pro-agriculture measures, rural development, transportation, mental health measures, and juvenile justice work.

Moser described gratitude for the life she has been privileged to enjoy in rural Kansas. "I am grateful for Kansas – a place my family has called home since 1877. My roots run deep in the Sunflower State. If elected, I will stand for interests of 106th district constituents and for all things good for Kansas."

ONLINE PERSONAL PROPERTY AUCTION
JEANET DELLA TORRE has sold her house & will sell contents Online.
 Household, Patio, Office Furniture * Refrigerator, Washer, Dryer * Household Goods
<https://hollingerauction.hibid.com/auctions/current>
Bidding Opens 8 AM April 9 with Soft Close 8 PM April 15
Schedule your Pickup Time April 17 or 18
HOLLINGER ONLINE AUCTIONS — Lyons, Kansas

Saturday, April 11

12:00p.m. cst-Randolph-Kansas

70 Angus and 40 Charolais Bulls

50 of the Angus are 18-month-olds

New! 30 Angus Females Selling!

Fink Bulls:

- ✓ Complete BSE approx. 12 months
- ✓ No feet trimming
- ✓ No 'flooring' or 'no sale' bulls
- ✓ No clipping, grooming
- ✓ Athletic, not fat
- ✓ 3-year-bull-guarantee, feet, semen
- ✓ Free Delivery on Bulls

Galen: 785.532.9936
finkbull1@twinvalley.net
finkbeefgenetics.com & on FaceBook

BARRETT B CATTLE

Gene: 785.224.8509
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Sell

At

St.

Marys

Sell
Or Buy

Cattle

By
Auction

STARTING TIME
10:30 AM

Tuesdays

To control crowd size at our auction, spectators and visitors will not be permitted. We need to reserve proper distancing space for our buyers and sellers, who should not bring extra people with them. The CAFE WILL BE CLOSED. Thank you.

We sold 2667 cattle March 31. We had a very good run of home raised steer and heifer calves at steady prices. Feeder steers and heifers were \$5.00-8.00 lower. Cows & bulls sold \$3.00-5.00 lower.

STEER & BULL CALVES			
12 blk str	474 @ 189.50	4 blk str	580 @ 168.00
23 blk/bwf str	464 @ 185.00	20 blk/bwf str	578 @ 167.50
4 bwf str	471 @ 184.00	9 blk str	596 @ 167.50
7 blk str	451 @ 182.00	21 blk str	564 @ 166.00
11 blk str	502 @ 180.50	41 blk/bwf str	558 @ 163.50
44 blk/char str	526 @ 179.75	79 blk/red str	597 @ 162.75
13 blk str	468 @ 179.50	6 blk str	603 @ 157.00
20 blk str	435 @ 179.00	8 blk/bwf str	581 @ 155.00
14 blk str	513 @ 179.00	5 blk str	587 @ 142.50
4 blk str	488 @ 176.00	15 blk/char str	661 @ 141.00
6 blk/bwf str	525 @ 175.00	20 blk/char str	688 @ 139.00
6 blk str	475 @ 174.00	65 blk/bwf str	773 @ 131.25
10 blk str	524 @ 174.00	37 blk str	738 @ 130.50
6 blk/red str	345 @ 173.00	102 blk/bwf str	808 @ 130.25
8 blk/bwf str	490 @ 173.00	25 blk str	749 @ 130.00
8 blk/bwf str	540 @ 172.50	29 blk str	780 @ 130.00
9 blk str	310 @ 172.00	60 mix str	765 @ 126.25
23 blk str	422 @ 171.00	24 blk str	746 @ 125.00
4 blk str	470 @ 171.00	24 red str	812 @ 125.00
8 blk/bwf str	491 @ 171.00	29 blk str	854 @ 122.25
5 blk/red str	376 @ 170.00	120 blk/bwf str	856 @ 122.00
25 blk/bwf str	546 @ 167.06	61 blk/bwf str	925 @ 117.60
5 blk str	466 @ 162.00	63 blk/bwf str	932 @ 116.75
13 blk str	391 @ 161.00	61 blk/bwf str	898 @ 116.00
3 blk/bwf bulls	538 @ 157.00	180 blk/bwf str	886 @ 115.60
5 x-bred str	408 @ 151.00	61 blk/bwf str	956 @ 114.00
		10 blk/char str	823 @ 112.50
		52 mix str	985 @ 112.60
		26 blk/bwf str	1021 @ 103.50

HEIFER CALVES		
11 blk hfrs	463 @ 163.50	
3 blk hfrs	263 @ 158.00	
12 blk hfrs	495 @ 156.50	
4 blk/red hfrs	274 @ 156.00	
6 blk/bwf hfrs	516 @ 154.00	
10 blk hfrs	308 @ 153.00	
7 blk/red hfrs	285 @ 152.00	
10 blk hfrs	427 @ 151.50	
31 blk/red hfrs	424 @ 151.00	
12 blk hfrs	456 @ 150.50	
7 blk/bwf hfrs	546 @ 150.50	
6 blk hfrs	443 @ 148.00	
16 blk hfrs	319 @ 145.00	
5 bwf hfrs	393 @ 145.00	
22 blk/red hfrs	460 @ 145.00	
4 blk hfrs	468 @ 144.50	
6 blk/bwf hfrs	412 @ 144.00	
5 blk hfrs	364 @ 143.00	
5 blk hfrs	460 @ 143.00	
4 blk/red hfrs	496 @ 143.00	
6 blk hfrs	483 @ 140.00	
5 blk hfrs	407 @ 136.00	

STOCKER & FEEDER HEIFERS		
24 blk/sim hfrs	573 @ 149.50	
7 blk hfrs	569 @ 145.00	
6 blk hfrs	553 @ 142.00	
4 blk/bwf hfrs	555 @ 140.50	
12 blk hfrs	595 @ 136.75	
17 blk hfrs	663 @ 136.00	

28 blk hfrs	625 @ 135.25
23 blk hfrs	653 @ 135.00
16 blk/char hfrs	619 @ 133.50
75 blk/red hfrs	641 @ 125.00
14 blk/bwf hfrs	710 @ 125.00
105 blk/bwf hfrs	739 @ 117.50
66 blk/bwf hfrs	788 @ 111.75
60 blk/bwf hfrs	801 @ 108.25
55 blk/bwf hfrs	853 @ 107.00
27 blk/char hfrs	792 @ 105.00

COWS & HEIFERETTES		
1 blk hfrt	995 @ 90.00	
1 blk hfrt	895 @ 85.00	
1 blk hfrt	870 @ 83.00	
3 blk/red hfrts	1008 @ 78.00	
1 blk hfrt	1065 @ 77.00	
2 blk hfrts	1033 @ 74.00	
1 char hfrt	1150 @ 72.50	
1 char hfrt	1040 @ 71.00	
1 blk hfrt	930 @ 70.00	
1 blk cow	1110 @ 67.00	
1 blk cow	1125 @ 66.00	
2 blk cows	1023 @ 60.50	
1 bwf cow	1025 @ 60.00	
1 x-bred cow	1300 @ 59.50	
1 blk cow	1145 @ 59.00	
1 blk cow	1625 @ 58.50	
2 blk cows	1353 @ 57.50	
2 blk cows	1490 @ 57.00	
1 blk cow	1640 @ 56.50	

1 blk cow	1290 @ 56.00
1 blk cow	1205 @ 55.50
3 bwf cows	1442 @ 55.00
1 wf cow	1095 @ 54.50
1 sim cow	1330 @ 54.00
1 blk cow	1315 @ 53.50
1 blk cow	1310 @ 53.00
1 char cow	1335 @ 52.50
4 blk cows	1194 @ 52.00
3 blk cows	1178 @ 51.50
1 blk cow	975 @ 51.00
1 blk cow	1315 @ 50.00
1 red cow	1300 @ 49.00
2 blk/char cows	1335 @ 48.00
1 blk cow	1170 @ 47.00
1 bwf cow	1365 @ 46.00
1 sim cow	1180 @ 45.50

BRED HEIFERS		
1 bwf hfr	@ 1000.00	
1 blk hfr	@ 1000.00	
1 x-bred hfr	@ 800.00	

COW/CALF PAIRS		
2 wf/blk cows/cvs	@ 1525.00	
2 wf cow/cvs	@ 1175.00	

BULLS		
1 brang bull	2295 @ 88.00	
1 brang bull	2205 @ 85.00	
2 brang bulls	2370 @ 84.50	
1 blk bull	1565 @ 80.50	
1 blk bull	1970 @ 79.00	
1 wf bull	1830 @ 76.25	
1 blk bull	1125 @ 67.50	

CONSIGNMENTS FOR APRIL 7:

- 160 Angus bwf str & hfrs, 550-750 lbs.
- 460 Angus bwf str & hfrs, 600-850 lbs.

Above consignments have Mill Brae and Laflin sires and were homeraised by Jerry & Mark McLaughlin

- 50 Angus steers, 500-600 lbs., weaned, vacc.
- 35 blk str & hfrs, 500-600 lbs., weaned, vacc.
- 60 black steers, 900-925 lbs.
- 60 black Charolais steers, 875-900 lbs.
- 65 black steers, 850-875 lbs.

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

FOR INFORMATION OR ESTIMATES:

REZAC BARN	ST. MARYS, 785-437-2785	LELAND BAILEY	TOPEKA, 785-608-4005
DENNIS REZAC	ST. MARYS, 785-437-6349	LYNN REZAC	ST. MARYS, 785-456-4943
DENNIS' CELL PHONE	785-456-4187	REX ARB	MELVERN, 785-224-6765
KENNETH REZAC	ST. MARYS 785-458-9071		

Toll Free Number.....1-800-531-1676

Website: www.rezaclivestock.com

AUCTIONEERS: DENNIS REZAC & REX ARB



Livestock Commission
Company, Inc.

St. Marys, Ks.