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His commitment and advocacy for soil stewardship led to Michael Thompson, pictured above with his family, receiving the Kansas Leopold Conservation Award.



Courtesy photo

## Michael Thompson receives Kansas Leopold Conservation Award

Michael Thompson of Alma has been selected as the recipient of the 2022 Kansas Leopold Conservation Award.

Given in honor of renowned conservationist Aldo Leopold, the award recognizes farmers, ranchers and forestland owners who inspire others with their dedication to land, water and wildlife resources in their care.

In Kansas the award is presented annually by Sand County Foundation and national sponsor American Farmland Trust, with state partners: Kansas Association of Conservation Districts and the Ranchland Trust of Kansas.

Thompson grows crops and raises beef cattle at Thompson Farm and Ranch in Norton County with his father Richard, and brother Brian. He's a vocal advocate for soil stewardship among other farmers and ranchers. He was announced as the recipient of the award at the Kansas Association of Conservation Districts' 78th Annual Convention in Wichita, and receives \$10,000 and a crystal award for being selected.

"Michael's passion for conservation and improving soil health serves as an inspiration to farmers and ranchers across Kansas," said Mike Beam, Kansas Secretary of Agriculture. "His commitment to sharing his experience and knowledge with others makes him very deserving of the honor of being

a Leopold Conservation Award winner."

"Michael's passion and drive as a leader in the soil health movement is contagious. He is always learning and sharing his knowledge and experiences with others," said Dan Meyerhoff, Kansas Association of Conservation Districts executive director. "Michael exemplifies the extraordinary commitment celebrated by the Leopold Conservation Award."

"Congratulations to Michael Thompson regarding his selection as the 2022 Kansas Leopold Conservation Award recipient," said Chelsea Good, Ranchland Trust of Kansas Chair of the Board. "RTK is pleased to recognize great advocates for and practitioners of conservation, such as Michael Thompson."

"These award recipients are examples of how Aldo Leopold's land ethic is alive and well today. Their dedication to conservation shows how individuals can improve the health of the land while producing food and fiber," said Kevin McAleese, Sand County Foundation president and CEO.

"As the national sponsor for Sand County Foundation's Leopold Conservation Award, American Farmland Trust celebrates the hard work and dedication of Michael Thompson," said John Piotti, AFT president and CEO. "At AFT we believe that conservation in agriculture

requires a focus on the land, the practices and the people and this award recognizes the integral role of all three."

Earlier this year, Kansas landowners were encouraged to apply (or be nominated) for the award. Applications were reviewed by an independent panel of agricultural and conservation leaders. Among the many outstanding Kansas landowners nominated for the award were finalists: Ray and Susan Flickner of Wichita, Kevin Karr of Emporia, and Glenn and Barbara Walker of Brookville.

The first Kansas Leopold Conservation Award was presented to Sproul Ranch of Sedan in 2015. Last year's recipient was Dwane Roth of Holcomb. View all recipients at [www.SandCountyFoundation.org/Kansas](http://www.SandCountyFoundation.org/Kansas)

The Leopold Conservation Award in Kansas is made possible thanks to the generous support of American Farmland Trust, Kansas Association of Conservation Districts, Ranchland Trust of Kansas, Sand County Foundation, Farm Credit Associations of Kansas, ITC Great Plains, Evergy, Kansas Department of Agriculture (Division of Conservation), Kansas Department of Wildlife and Parks, Kansas Forest Service, McDonald's, The Nature Conservancy, USDA-Natural Resources Conservation Service and a Kansas Leopold Conservation Award recipient.

In his influential 1949

book, *A Sand County Almanac*, Leopold called for an ethical relationship between people and the land they own and manage, which he called "an evolutionary possibility and an ecological necessity."

Sand County Foundation presents the Leopold Conservation Award to private landowners in 24 states for extraordinary achievement in voluntary conservation. For more information, visit [www.leopoldconservationaward.org](http://www.leopoldconservationaward.org).

### About Michael Thompson

Like the five generations before him, Michael Thompson grew up knowing the challenges of farming and ranching in north-west Kansas. There were crop failures brought on by harsh weather. Michael also remembers the scars left by tillage on semi-arid soil.

As young adults, Michael and his brother Brian were told there wasn't a future for them at Thompson Farm and Ranch. However, the avid learner and experimenter knew there had to be a different (and more profitable) way to grow crops and raise cattle.

Michael began researching land stewardship and soil improvement. He knew his family's land could no longer afford to lose more topsoil from wind and rain. After seeking out peer groups across Kansas, he soon saw the benefits of growing a diverse rotation of cover crops, using no-till practices

and rotational grazing.

Keeping farm fields covered with growing vegetation year-round would infiltrate water instead of letting it wash away. Michael admits he was no fan of cattle in his youth, but he's come to see their role in a holistic, regenerative system. Their manure delivers nutrients to native rangeland and his corn, soybean, and wheat fields.

He started small with a few acres of cover crops and some electric fencing. Grazing cover crops provided another source of feed for beef cattle, and provided an unexpected benefit of giving existing pastures and rangeland more time to rest and grow between grazings. The extra rest produced a more robust and diverse stand of native grass species.

Growing cover crops coupled with a no-till system improved earthworm activity and soil life. An increase in nutrient cycling allowed for less fertilizer use. Improved water infiltration meant crops and forage grew even in years of drought.

Ultimately, rebuilding worn-out soils proved essential in allowing Michael and Brian to return home to farm with their father, Richard.

Michael shares his knowledge and lessons learned with other farmers and ranchers. He's a founding member and chairman of the Kansas Soil Health Alliance, president of No-till on the

Plains, and a supervisor on the Norton County Conservation District Board.

Michael, who worked as a kindergarten teacher for a dozen years before returning to the farm, now shares his conservation experience with thousands of people each year at local, statewide, regional and international conferences and field days.

He also serves as a mentor in the Watershed Restoration and Protection Strategy (WRAPS) program that connects Kansas farmers and ranchers to improve water quality. He encourages his mentees to examine what goes on underground. In extreme droughts or after heavy rains, Michael often digs below ground to examine root structure and worm channels. He teaches others that what happens deep within soil determines what grows above ground, and good soil management is key to enduring the weather extremes.

Despite being part of the National Association of Conservation Districts' Soil Health Champions Network, Michael doesn't claim to be an expert. He humbly claims the path to lasting success is often through failure. His peers say this makes him an authentic, accessible, and passionate voice for conservation.

Michael exemplifies the leadership qualities needed in agriculture to better steward its greatest resource, the soil.

## 11th annual Conference on the Future of Water held in Manhattan

By Donna Sullivan, Editor

The 11th annual Conference on the Future of Water in Kansas was held November 16 and 17 in Manhattan. Governor Laura Kelly opened the conference on Wednesday with remarks to attendees. The two-day conference highlights the latest policy and research developments on water issues in Kansas and the updated Kansas Water Plan.

"For decades, politicians have kicked the can down the road when it comes to finding a sustainable solution to Kansas' water crisis," Kelly said. "Protecting our water supply will remain one of my top priorities in Topeka over the next four years. I refuse to let the can be kicked down the road any farther."

In her first term, the



Dr. Roger Pulwarty, senior scientist in the National Oceanic and Atmospheric Administration Physical Sciences Laboratory was one of the keynote speakers.

Photo by Donna Sullivan

Kelly administration updated the State Water Plan for the first time since 2009 and fully funded it for the first time in 15 years.

While at the conference, Kelly awarded John Peck, Lee Rolfs, and Don

Whittemore the Water Legacy Award for their contributions and lasting impact on the future of water in Kansas.

"This conference is important because it pulls together the many stakeholders across the state to explore and implement effective ways to make our water supplies last and to keep them safe for all Kansans," Connie Owen, director of the Kansas Water Office, said.

Dr. Roger Pulwarty, senior scientist in the National Oceanic and Atmospheric Administration Physical Sciences Labo-

tory, was a keynote speaker on Wednesday. He said that he is actually a climate skeptic in the sense of "What is the data telling us?" "I need to see the data," he said. "Are our assumptions being born out by what we are seeing in the record, what has happened in the past?" He added that 2022 has been the most active year for drought since reliable records began being kept

about thirty years ago. He discussed how the Dust Bowl, which was brought on by a combination of heat and drought in the 1930s, produced significant landscape changes, and while similar drought is being experienced now, the effects have not been as severe as in the 1930s because of measures that have been taken since then. "The question is, are those still available

to us," he queried.

He described climate change as, when you're standing on the edge, it doesn't take much to push you over. "And that's kind of where we are," he said. "Weather and climate extremes; variability and change impacts our ability to respond. But Americans are nothing if not adaptable and resourceful. There's a lot that's going on."



Pictured above are Dawn Buehler, chair of the Kansas Water Authority, Gov. Kelly, Water Legacy Award winners Don Whittemore, Lee Rolfs and John Peck, and Connie Owens, director of Kansas Water Office.

Courtesy photo

## Kansas Farm Bureau to hold 104th annual meeting in Manhattan Dec. 3-5

Kansas Farm Bureau (KFB) will celebrate its 104th annual meeting Dec. 3-5 in Manhattan.

"I'm excited we will be gathering again to conduct the work of the state's largest general farm organization," says Rich Felts, president of Kansas Farm Bureau. "I'm so glad I'll get to celebrate with our members, county Farm Bureaus and friends from

across the state one last time as president. I'm proud of what we've accomplished, and I know the good work will continue."

The organization's annual meeting will begin Saturday evening with KFB's Foundations' Fund-raiser benefiting the End Hunger campaign. The event will include dinner and dueling pianos. Regis-

tration opens at 5 p.m. with dinner beginning at 6 p.m.

On Sunday, informational workshops, trade show vendors and a silent auction will be open to attendees. Workshop topics include water, farm transition planning, labor and mental health. A full list is available at [www.kfb.org/annualmeeting](http://www.kfb.org/annualmeeting).

During the general session, awards for Friends of

Agriculture, Natural Resources, county Farm Bureaus, and media will be presented.

Economist Chris Kuehl, managing director of Armada Corporate Intelligence, will deliver the keynote address, using his trademark humor and wit to discuss the current state of agriculture manufacturing, supply chains and more.

Farm Families of the Year, Leadership KFB and Casten Fellows will be recognized during the banquet Sunday evening, in addition to honoring Distinguished Service honorees.

Felts also will be honored at Sunday's banquet for his eight years of service as president of Kansas Farm Bureau. He previously served as vice

president of the organization for three years and on the board of directors before being elected to the highest office at KFB.

On Monday, voting delegates will debate and adopt policy statements for 2023, in addition to electing a new KFB president and board members from even-numbered Farm Bureau districts.

## Farmland to normalize in 2023 as Fed raises rates

By Jason Burbage, President, National Land Realty

The Federal Reserve has increased interest rates in June, July, September, and November. This has slowed real estate markets as the borrowing rate has reached 4%. Buyers now have significant additions to cost, which means they are seeking lower prices overall. Sellers are now adjusting to this market change, and it will take time for those two sides to come together.

Land tied to food production hitting all-time highs

Land markets are impacted by these changes, especially for land that requires financing. However, the land market tends to revolve around more cash and instruments like 1031 exchanges, so it has not seen the whiplash we see in residential markets. We still see this when it comes to land tied to food production. Farmland with ready access to water is at an all-time high, and in several Midwest states, it is still inching upward. Land is real estate, but not all real estate behaves the same.

Food production has faced challenges in terms of natural gas and diesel supply, fertilizer prices, and additives such as nitrogen continue to be expensive and have experienced supply shortages. However, the good part here is that commodity prices are also high, and most sections of agriculture not affected by water shortage are seeing good returns in 2022. This combination of external factors has strengthened the value of the land on which food is grown.

Western land markets are normalizing

As we move into 2023, we see increased conversation revolving around economic downturns and market corrections. There is a lot of fear-based language in markets, but that has historically been a good thing for the land industry. Many investors push money into land to hedge against market volatility. Rural land tends to be a protective investment against this kind of market volatility.

One place where we see a bit more market correction is out west, where demand over the past two years

has been extremely high. This high demand drove land values to some of their highest levels on record. We look at this as a proper market correction. We hear "decline," but that's not how we see it. We are witnessing a market slowly moving back to a more realistic and sustainable level than we have seen over the past two years. So, the Western markets are not so much correcting as they are normalizing. Keep in mind, though, that areas experiencing water crises might see a bit more price fluctuation than other lands.

This is a blanket statement, and there are always exceptions, but for the past two years, we have seen land selling merely for the value of land. There were a lot of purchases made by individuals who wanted a more rural lifestyle and first-time farmers. We are seeing more emphasis on what is actually on that land, whether hunting tracts, farmland with plentiful crops, or ranches with plenty of pasture and water. We are seeing more experienced buyers who plan on working the land themselves, and they know the value of it.

## Keeping cattlemen independent: Goggins, Perrier on securing the future

If there is one step thing the industry needs to secure a future, it's to keep independent cattlemen in business.

That's Joe Goggins' mantra.

On a recent episode of *The Angus Conversation*, the Montana Angus breeder, renowned auctioneer

and auction market owner discussed the importance of a cattle business that can support rural communities.

"I don't want to get this industry in a situation where the big continue to get bigger and then they start telling us where they're going to buy

their bulls," Goggins says. "And you don't have to bring your cattle into an auction market in a true price-discovery type situation. We're going to tell you when to calve, we're going to tell you what bulls to use. That, from my standpoint, is very concerning."

Nobody wants to be ver-

tically integrated like the pork or poultry industry, said Matt Perrier, Dalebanks Angus, Eureka, and fellow guest on the program.

"But the irony to me is that if we want to maintain any segment, any portion of that independence and not become vertically in-

tegrated, I think we have to be a bit more vertically coordinated and share information data, not try to steal the profit from the person above or below us in the industry chain," he said.

Goggins said having conversations and being open to new ideas is taking

a page out of his grandparents' book.

"... The ones in that generation that really excelled, adapted to change," he said. "They went from no running water to seeing a guy walk on the moon to electricity, to computers — I mean, these people adapted to change."

## 2022 Kansas Sheep Association Symposium to be held December 9 and 10

The Kansas Sheep Association will be hosting their annual symposium on Friday, December 9 and Saturday, December

10. The Symposium will kick off with a tour. The first tour stop will be Benz Rambouillet, 24820 Oregon Trail Rd., St. Marys, start-

ing at 11:00. In addition to touring Benz's operation, lunch will be provided. The second stop will be Justin Elder's facility

just north of Wamego. The third and final stop will be the Sheep and Goat Unit at Kansas State University. That evening a reception will be held at Kansas Farm Bureau, 2627 KFB Plaza, Manhattan with heavy hors d'oeuvres. A panel discussion of pro-

ducers will be held featuring Mitch Langvardt, Clay Center Livestock, Jake Reister, Reister Ranch and Barret Carlisle, Diamond Club Lambs.

Saturday will kick off at 9:00 at Kansas Farm Bureau. The first speaker of the day will be Karissa Is-

sacs, Superior Lamb. Following Karissa will be Dr. John Nelson, Kansas Department of Agriculture, Department of Animal Health. Dr. Nelson will talk about new regulations and give a quick update. The next speaker will be Payton Dahmer, Kansas State Animal Science. Payton will give an update on research and activities at the Sheep and Goat Unit. Feature speaker, Dr. Dan Morrill will wrap the morning session up with "Feed is More Than Price Per Ton."

A lamb chop lunch will be served at noon and Jake Reister will discuss his 1,000 head ranch in Washington and their direct-to-consumer sales. Following lunch Dr. Dan Morrill will start the afternoon session with "Basic Management Inputs Every Flock Needs to Do." Jeff Ebert will give a report from the American Lamb Board. The annual meeting of the Kansas Sheep Association will wrap up the Symposium.

Registration is \$50 in advance or \$60 at the door and covers all meals and materials. To register send a check to the Kansas Sheep Association, 2002 J Rd, Garfield, KS 67529.



We are starting Christmas season now; Thanksgiving is over, and we can fully and squarely focus on Christmas. This time of the year is both the most exciting and frustrating for me. Maybe most of you are the same and maybe it is just me but each year I find myself anticipating Christmas with the excitement I had when I was a kid and each year at the end, I feel the disappointment of the season being over and going by too quickly.

Even as a child I was excited about Christmas. Oh, I suppose I was no different than any other kid. I spent hours trying to decide what to ask Santa for, knowing that Santa's Christmas budget was oddly tied to the commodities market and the amount of rainfall northeast Kansas received. Looking back, I suppose I should have seen the writing on the wall that Santa's day job was that of a farmer nearby. I loved the build-up to Christmas and all that went with it. I loved the food, the Christmas tree (a real one with the wonderful cedar smell), specials on TV (the days before Apple held Snoopy and the gang hostage) and of course, the music.

Christmas also meant family gatherings with both sides of the family. As a kid, Christmas meant spending the day with my grandparents, aunts, uncles and cousins; each side of the family had their own traditions and things that made the day special. It also meant we would celebrate Christmas on two different days and that helped make the season last just a little longer. Christmas Eve was when my parents, sister and I celebrated and opened presents and Christmas Day was spent with our extended family. I can still smell the lunch in the oven, feel the warmth of Grandma and Grandpa's house and hear the commotion of everyone as we came together. At the time I did not know how special that was or appreciate it nearly enough.

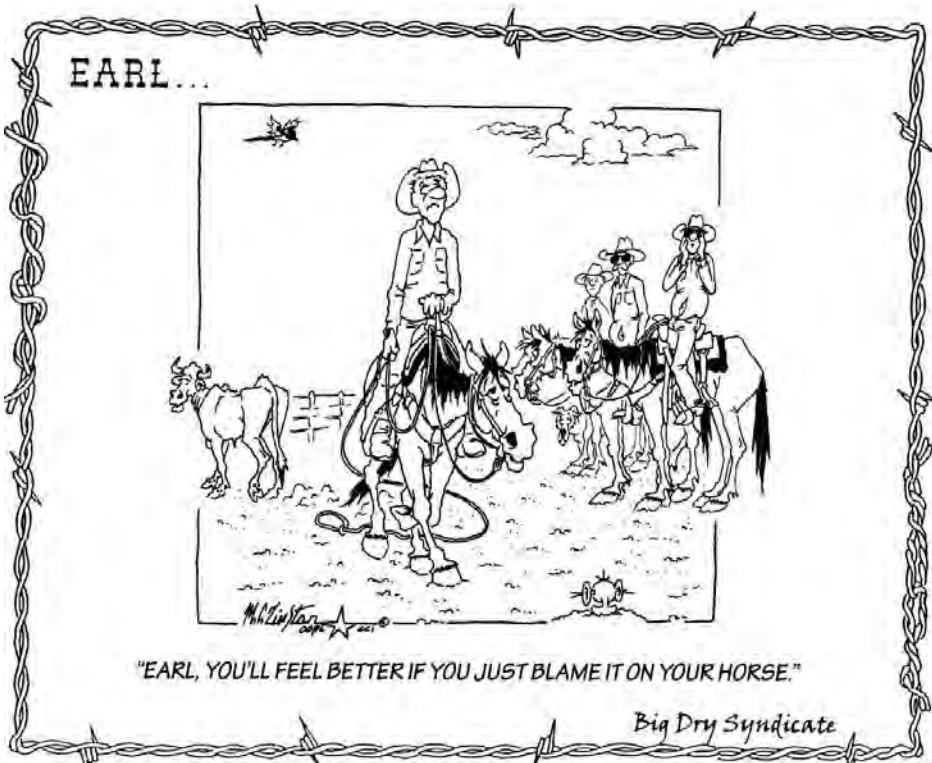
My anticipation, even as a child, was much more than the commercial, secular holiday also. I was very blessed to grow up in a household with parents who never lost their focus on the real reason we celebrated Christmas. Add to that a wonderful church family who helped make the season spectacular. We had a soup supper and caroling early in December and a Christmas play the

week before. All of this helped me understand that Christmas was much more than Santa and presents. My mother was an artist and one of my most treasured possessions is the Nativity set she made for me. It is an exact replica of the original set she made and is the center point of our Christmas just like it was as I grew up.

The pinnacle of every Christmas to me was and is the Christmas Eve service. I love singing Christmas carols; I just wish I were a lot better at it. The goal is to make a joyous noise and my singing just barely qualifies. I love the telling of the Christmas story and the hope and excitement it brings. Most of all, and my favorite part of every Christmas season is the dimming of the lights, lighting of candles and singing Silent Night. To me that is the crescendo of the season and the cherry on the top. It always gives me goosebumps.

Every year I tell myself I am going to clear my calendar and focus on Christmas and enjoy every drop of the season. I am going to take in the lights, listen to the music, be with friends and family, enjoy the decorations. Most importantly, each year I get the Advent devotions and I promise to spend time with them. Then each year the world takes over my calendar and I rush from here to there and it is December 10, then the 19th and suddenly it is the 24th. Then I wake up the morning of the 26th and it is all over. The radio stations are back to playing regular music and somehow I feel like I missed the season or at least did not celebrate it to the extent I had hoped for or planned on. That is when the disappointment and frustration set in.

Now, at the start of the Advent Season I look at my calendar and think of everything that needs to be done and I have done it again. I pray and I hope to find the time to bring back that childlike anticipation of Christ's birth and Christmas. Just for a moment I want to feel like I did all those years ago. I want that sense of excitement, joy, and most of all hope. I also hope and pray that each of you will be able to find that same feeling and happiness over the next four weeks. Take a minute to pause and remember what a childlike Christmas was like, and when you do, savor the moment.



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# K-State scientists receive collaborative grant to advance biofuel production, agricultural economy

Kansas State University researchers are part of a five-year collaborative grant from the U.S. Department of Energy to improve oilseed crops for use as biofuels and other bioproducts.

Timothy Durrett, associate professor of biochemistry and molecular biophysics, and Ruth Welti, university distinguished professor of biology, received nearly \$1.9 million to better understand how changing the biochemistry of oilseed plants alters their oil production.

The research group is working with camelina and pennycress — non-food oilseed crops — that can be used as cover crops by farmers. Durrett says these plants have not benefited from the breeding that has increased yield in other crops. This research will help scientists better understand how the plants synthesize fatty acids to make lipids while also improving oil production and crop profitability.

As part of the collaboration, Durrett is working to more efficiently produce transgenic plants. Current research methods alter the biochemistry of plants at random places within their DNA and Durrett hopes to make the genetic engineering process more predictable and efficient.

“We will implement cutting-edge plant synthetic biology,” Durrett said. “If we can insert the genetic changes in the same spot every time, it makes testing the effect that much easier. By understanding fundamental plant biochemical concepts, we can then apply these to other plant species as well.”

Welti, director of the Kansas Lipidomics Research Center at K-State, is analyzing how the oils are changing in the altered plants.

“In my lab, I can get a snapshot of how the plants are responding to changes that are being introduced genetically,” Welti said. “This project will really help

scientists understand the overall principles and rules of fatty acid and oil production in oilseed plants.”

The researchers stressed that camelina and pennycress can be integrated into a traditional rotation and do not interfere with food production.

“If we are making biofuels or bioproducts, we don’t want to compete with food production,” Durrett said. “A cover crop by itself it will protect the soil from wind and runoff, but with these oilseed crops farmers also earn additional income.”

The project’s principal investigator is Edgar Cahoon, the George W. Holmes professor of biochemistry at the University of Nebraska, Lincoln. The project team also includes researchers from University of Colorado, Boulder, Washington State University, Montana State University, University of Minnesota, University of Missouri and the Donald Danforth Plant Science Center.

# Kansas Soybean Commission funding decisions to be made in December

Kansas Soybean Commissioners are gearing up to make important decisions at their Dec. 15-17 meeting. The board convenes at the Kansas Soybean Office in Topeka to analyze funding proposals for fiscal year 2024 and conduct additional business.

A total of 51 funding requests were submitted for consideration. Ed Anderson, who joined the Kan-

sas Soybean staff in October as the Commission’s research assistant, provided a preliminary review of the proposals to more efficiently select those to be heard in December.

Project leads who received approval make formal presentations at the December meeting before final funding decisions are made. Each day’s meeting will begin at 8 a.m. Project proposal presentations

are slated for the first two days of the meeting. The third day is reserved for discussion and final decisions.

Commissioners will also discuss current projects, market-development activities, educational programs and administrative items. To suggest additional topics for deliberation or to obtain a complete agenda or instructions for calling into

the meeting, contact KSC administrator Kaleb Little at little@kansassoybeans.org or call the office at 877-KS-SOYBEAN (877-577-6923).

As the research assistant, Iowa native Anderson will serve in a contractual capacity to oversee KSC’s investment process and manage research projects funded by the Commission.

Anderson earned his bachelor’s degree in Agricultural Biochemistry from Iowa State Univer-

sity and his doctorate in Molecular Plant Virology and Plant Pathology from the University of Missouri. Following other position in the industry, he joined the Iowa Soybean Association in February 2013 as senior director of research. Anderson also serves as executive director of the North Central Soybean Research Program, a 13-state collaboration for checkoff funded regional research and outreach programs aimed at improving soybean farmer

productivity, profitability and sustainability.

Research is integral to Kansas Soybean’s mission of improving farmer profitability. On-farm and industrial research projects funded through the check-off add value by improving growing conditions and building demand for soybeans. Anderson’s expertise will be useful in his work as a contractor to more efficiently evaluate and manage the projects funded by the Kansas Soybean Commission.

# Kansas/Oklahoma team win world championship ranch rodeo

A team from Rockin P Cattle Co./S&P Cattle of Latham, Ks., and Welch, Okla., won the World Championship Ranch Rodeo (WCR), which was held November 10-13 in Amarillo, Texas. Members of the team were Chris Potter, Colton Potter, Carlee Potter, Justin Peterson and Jake Peterson. The team placed first in the sorting competition.

Singleton Ranches of Lamy, N.M., had the reserve champion team. A team from Veale Ranch and Allen Cattle of Weath-

erford and Friona, Texas, took third place. There were 22 teams from across the country that competed at the event.

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Wichita: FRI, DEC 9  
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Bennington: THUR, DEC 15  
Lucas: FRI, DEC 16  
Sylvan Grove: DEC 21

See [bsbks.com](http://bsbks.com) for location details

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# 2022 Grass & Grain Holiday Recipe Contest

## Annette Reilly, Abilene, Wins This Week's Holiday Recipe Contest

Annette Reilly, Abilene: "Ever wonder what to do with those wonderful crumbles left in the bag of frozen precooked breaded chicken strips? I decided to save enough to add to noodle soup as an experiment. When my husband said it was the best chicken noodle soup he'd eaten, I thought to share with all those other farm wives."

### FOWL NOODLE SOUP

2 quarts broth (chicken or vegetable or water)  
1/4 cup dehydrated onion flakes or 1 cup diced onion  
2 ribs celery, diced  
1 cup diced/sliced carrots  
2 cups cubed leftover chicken or turkey  
1-2 cups frozen chicken crumbles (leftover from bags of frozen precooked batter-covered chicken strips or nuggets)  
Spices to taste  
8-ounce bag uncooked egg noodles

Put broth into a 5- to 6-quart Dutch oven and bring to a boil. Add celery, carrots and onions to pot as you chop. Add chicken or turkey. Stir well and heat to boiling; reduce to simmer, after adding spices, noodles and crumbles. Stir often to prevent sticking. Ready to eat when noodles soften and hot. Enjoy!

\*\*\*\*\*

## Millie Conger, Tecumseh: CRANBERRY TURKEY SALAD

3 cups chopped leftover turkey  
1 cup mayonnaise  
1 teaspoon dijon mustard  
Salt & pepper to taste  
3 celery ribs, chopped  
1/2 cup dried cranberries  
1/2 cup chopped pecans  
1/4 cup sliced green onions  
Juice of 1/2 a small lemon  
Combine all ingredients and chill.

\*\*\*\*\*

## Carol Nelson, Topeka: "Here is an easy and delicious holiday cookie."

### BUTTERBALLS

1/2 pound dates, cut in pieces  
1/2 cup butter  
1 cup sugar  
1 egg  
3 1/2 cups Rice Krispies  
Coconut  
Boil dates, butter, sugar and egg together for about 1 minute or until spoon leaves a path. Remove from heat. Add Rice Krispies and allow to cool slightly. Form into balls and roll in coconut. Store in refrigerator.

\*\*\*\*\*

## Eileen Patrick, Lindsay: EASY MOIST PUMPKIN CAKE

(1) box Spice Cake mix, any brand  
(1) 15-ounce can pumpkin  
2 eggs  
1/2 cup milk  
Preheat oven to 350 degrees. Grease and flour a 9-by-13-inch pan. Whisk eggs and milk together. Stir in pumpkin then the dry cake mix. Stir together only until blended. Spread in prepared pan and bake for 25 to 30 minutes or until tests done with toothpick in center. Top with your favorite cream cheese frosting. Enjoy!

\*\*\*\*\*

## Kellee George, Shawnee: CHEESE DIP

8 ounces shredded mozzarella cheese  
8 ounces shredded sharp Cheddar cheese  
2 cups mayonnaise  
1 medium onion, minced  
4-ounce can chopped green chiles, drained  
1 1/2 ounces sliced pepperoni

## 1/2 cup sliced ripe olives

In a shallow baking dish combine all ingredients, except pepperoni and olives. Top with pepperoni and olives. Bake 25 minutes at 325 degrees, until bubbly. Serve with chips, crackers or vegetables.

\*\*\*\*\*

Marcile Shippy, Woodbine: "These finger food rolls are good for that Christmas gathering, or anytime!"

## CHEESESPREAD ROLLS

12 rolls, cut in half  
1 pound shredded Cheddar cheese  
8-ounce can tomato sauce  
Scant 1/4 cup salad oil  
1 green pepper, shredded fine  
1 small onion, shredded fine  
1 small bottle stuffed green olives, drained & chopped  
Preheat oven to 325 degrees. Mix all ingredients together and spread on rolls. Bake for 10 minutes.

NOTE: French rolls are good for this, or almost any kind will do. Any leftover spread can be kept in refrigerator for up to two weeks.

\*\*\*\*\*

Linda Whiteman, Mayetta: CORN FAIRFAX

1/4 cup minced onion  
4 tablespoons butter or oleo  
1/4 cup chopped celery  
2 cups cream-style corn  
2/3 cup green beans  
1 tablespoon parsley  
2 tablespoons flour  
1/2 teaspoon salt  
1/4 teaspoon paprika  
1 1/2 cups milk  
2 eggs, beaten  
4 tablespoons butter, melted  
2/3 cup bread crumbs  
3/4 cup grated cheese

Combine, minced onion, butter and celery. Simmer for 5 minutes then add corn, green beans, parsley and cook slowly for 5 minutes. Add flour, salt, paprika and blend. Stir in milk. Cook 4 minutes then add eggs. Pour into buttered baking dish and cover with mixture of melted butter, bread crumbs and cheese. Bake at 375 degrees for 15-20 minutes.

\*\*\*\*\*

Kimberly Edwards, Stillwater, Oklahoma:

STUFFED FRENCH TOAST  
4 ounces cream cheese  
8 slices brioche bread  
4 tablespoons raspberry jam  
2 eggs  
1/4 cup milk  
1 teaspoon vanilla  
2 tablespoons butter

Spread cream cheese over one side of each of 4 bread slices. Spread jam over one side of remaining bread. Press one bread slice of each filling together to make four sandwiches. In a shallow bowl whisk egg, milk and vanilla. In a large skillet melt butter. Dip sandwiches in egg mixture. Cook flipping once until browned, 2-3 minutes per side. Cut in half.

\*\*\*\*\*

Lois Kusmaul, Allen: FRUITY BUNDT CAKE  
8-ounce package cream cheese, softened  
1 cup butter, softened  
1 1/2 cups sugar  
4 eggs

1 1/2 teaspoons vanilla extract  
2 1/4 cups cake flour, divided  
1 1/2 teaspoons baking powder  
1 cup chopped pecans  
1 1/2 cups chopped red & green candied cherries  
Glaze:  
1 1/2 cups powdered sugar  
3 to 4 tablespoons milk  
1/2 teaspoon vanilla extract  
Pinch salt  
Additional chopped candied cherries

In a mixing bowl beat cream cheese, butter and sugar until fluffy. Add eggs, one at a time, beating well after each. Add vanilla. Combine 2 cups cake flour and baking powder; gradually beat into batter. Combine pecans, cherries and remaining 1/4 cup cake flour. Fold into batter. Pour into a greased and floured 10-inch fluted tube pan. Bake at 325 degrees for 1 hour or until cake tests done. Cool in pan for 10 minutes then remove to cooling rack to cool completely. Combine powdered sugar, milk, vanilla and salt and drizzle over cake. Garnish with cherries. Makes 12-16 servings.

\*\*\*\*\*

Tammy Myers, Topeka: "Goes good with cornbread, noodles or rice."

## TIPSY TURKEY STEW

3 tablespoons margarine  
2 1/2 pounds raw turkey thighs, boned & skinned, cut up into 1 1/2-inch cubes (or use a netted, boneless turkey roast with skin & netting removed; about 2 pounds boneless turkey)  
2 cloves garlic, pressed  
2 cups sliced onions  
1/2 to 3/4 teaspoon nutmeg (or to taste)  
1 1/2 teaspoons thyme leaves  
1 teaspoon salt (optional)  
1/4 teaspoon pepper  
2 tablespoons flour  
1/4 cup cold water  
10-ounce frozen pack stew vegetables (parboiled)  
1 tablespoon sugar  
12-ounce bottle of beer (your choice)

Use a wide pot and heat margarine on medium-high heat and brown turkey pieces quickly on all sides processing in batches if necessary to cook in single layer in pot. If necessary, add more margarine to prevent sticking. Remove turkey and reserve. Add garlic to pot and stir then add in onions and stir until golden. Add all spices (nutmeg, thyme leaves, salt & pepper). Simmer on low heat for 20 minutes. Combine the 1/4 cup cold water with 2 tablespoons flour and slowly add to hot mixture, stirring constantly. Cook until sauce has thickened then add 10-ounce bag stew vegetables, sugar, browned

turkey cubes and beer. Bring to a boil and simmer 10 minutes or until vegetables are tender and turkey is just cooked through. Makes 6 to 7 servings.

NOTE: Add seasonings to taste.

\*\*\*\*\*

Jackie Doud, Topeka: WHITE HOT CHOCOLATE  
4 cups milk  
1 teaspoon vanilla  
8 ounces white chocolate  
Whipped cream

Place all ingredients, except whipped cream, in a saucepan. Cook over medium heat. Let come to a simmer. Do not boil. Pour into cup and top with whipped cream.

\*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma: COCOA CRINKLES

2 oranges  
18.3-ounce package fudge brownie mix  
1 1/3 cups flour  
1 teaspoon cinnamon  
1 egg  
1/4 cup oil  
1 cup powdered sugar

Grate 1 teaspoon of orange zest and squeeze 1/2 cup orange juice from oranges. In a large bowl combine brownie mix, flour, cinnamon, egg, orange juice, orange zest and oil. Shape into 1-inch balls. Heat oven to 350 degrees. Grease baking sheets. Place powdered sugar in a bowl and working with 2 or 3 balls, toss until coated. Place 2 inches apart on baking sheets and flatten into 2-inch rounds. Bake until just set, 9-10 minutes. Cool 5 minutes then transfer to racks to cool.

\*\*\*\*\*

## HOLLYWOOD SNOW

By Nancy A. Rezac

When crime solving and house fixing shows are getting mighty old,  
When the football game is over and I've seen the old game shows,  
I end up looking further on the satellite and go  
To select another movie in the Hollywood snow.  
My favorite card maker's channel, having Christmas since July,  
Where you already know the ending when the gal first meets the guy,  
Really gets me in the mood to decorate my home aglow,  
Watching Christmas movies with that Hollywood snow.  
Where the snow never melts as it sits upon on their heads,  
And the noses on their faces never do turn red.  
Where you can't see your breath as you're outside and you know  
It must be really nice to have Hollywood snow.  
You see the families gathering and it brings a cozy feel  
As they all sit down together to a picture perfect meal.  
The food mess and the dishes never really seem to show  
In those movies taking place where there's Hollywood snow.  
I guess it's time to think now of the presents I must get,  
And how we'll celebrate Christ's birth, because I haven't yet.  
As I'm freezing putting up my outside lights I'll surely know,  
It would be a whole lot easier in Hollywood snow.

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## Baking With Sugarbuns

By Michele Drees  
Work Family

I graduated from Kansas State University with a degree in Hotel and Restaurant Management, with the goal of eventually opening a bakery of my own. Right out of college, I got a restaurant management position for a steakhouse in Manhattan. I worked there for three years before accepting a position in Junction City, for a new steakhouse. Three years later, I found myself looking to get out of the restaurant world; I wanted my nights and weekends back, and ultimately wanted a chance to find myself again.

My boss from the steakhouse in Manhattan knew I was looking for something different and she happened to know a lady whose husband was bringing his oilfield parts manufacturing business to Junction City, and they were looking for an office manager. She gave them my name, and I was given the chance to interview. I was offered the job and quickly found out that I was exactly where I was supposed to be, at Superior Products.

Shortly after accepting the position, I talked my new boss, Kenny, into letting me have a shop cat. He

originally told me no, but when I explained that she was on kitty death row, he conceded and said okay, as long as she stayed out of the offices. As soon as I got the yes, I knew without a doubt that I had found a group of people who were going to accept me for me, and I was excited to see where the world took me.

The next couple of years, life was crazy; I joined the dating scene, I adventured, I was gifted with my second niece, I lost all my grandparents, and I eventually found Kyle. Through it all, my Superior Products family was there. They listened to my crazy stories, ate all my random concoctions, took my side as I told them stories about my family dramas and showed up to the viewing for my grandma. They allowed me to leave with zero notice as life threw multiple curve balls my way and never hesitated to allow me the chance to show up for family.

Once Kyle proposed, I knew that eventually I would come to a point where I would be living in Topeka and needing to fully immerse myself into life with him. In October, I told Kenny that my last

day would be the 18th of November, wanting to give them over a month to find a replacement and to give me ample time to train him or her. I cried when I told Kenny and knew that my last day would be an emotional one.

Fast-forward to my last day and there were a bunch of tears as I said my goodbyes. They surprised me with a going-away party with some of my favorites: balloons, breakfast, cake, cookies, and Kyle. They agreed to allow Pixie to stay so she could continue to live her best life and promised visitation rights if I bring baked goods.

I am not sure where life will take me work-wise next, but I can only hope that I find a work family as amazing as my Superior work family at the next place I land. They accepted me for me, embraced my chaos and allowed me the chance to find me again and I will never be able to thank them enough for that. Superior family, you cannot be matched, and I will forever be thankful for each one of you.

*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: boobbrainsandbaking.*

*If you would like to contact Michele with comments please email mcarlyon88@gmail.com*

## Tips For Low-Cost Holiday Meals

By Cindy Williams,  
District Extension  
Agent, Family &  
Community Wellness

It doesn't take long for you to realize when you are in the grocery store to see that food prices are on the rise. Grocery prices have risen 23% over this time last year. Economist tell us that these prices are here to stay. So, here are a few budget friendly tips to help save money on holiday meals.

\* Plan your menu carefully. Check what food and ingredients you already have and then make your shopping list. Look at online and print grocery store ads. Using MyPlate as a guide to plan your holiday meals can be helpful.

\* Prepare less. Think about having less food. This could include less of the expensive items and a smaller number of dishes served. However, consider keeping the holiday family traditions on your family traditions on the menu.

\* Trim protein costs. A whole turkey is less expensive per serving than a turkey breast. Lean roast beef, pork loin and some types of fish, such as cod or flounder are lower cost op-

tions. Consider serving soup or a casserole that can extend your protein dollar.

\* Serve it simple. Sometimes serving dishes with less ingredients can be healthier as well as save time and money.

\* Shop smart. Beware of store displays that are designed to tempt you to buy things you didn't plan on purchasing. Use unit pricing to help compare different brands and different sizes of products can help you save money.

\* Cook ahead. Instead of purchasing some of the more expensive convenience items, many of your dishes can be prepared or partially prepared a day or two in advance: roasting a turkey, cranberry relish, cube and dry bread for stuffing, and prep-prep vegetables for salads and casseroles.

\* Make smart beverage choices. Water is easy on the wallet and people typically will drink less of the other beverages if they can use water to quench their thirst. Regular soda, energy or sports drinks, and other sweet drinks can be expensive and usually contain a lot of added sugar.

\* Get your money's worth of leftovers. Handle leftover safely so that they can be used for meals in the days ahead. Always wash hands with soap and water before handling food. Leftovers should be stored within two hours of cooking. Divide leftovers into smaller portions and refrigerate in covered shallow containers so they cool quickly. Use refrigerated leftovers within 3 to 4 days for freeze for longer storage.

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## Prairie Gal Cookin'

Recipes and Ramblings from the Farm

### Traditions Make Holidays Memorable

By Ashleigh Krispense

"Silent night, holy night. All is calm, all is bright." The verses of the peaceful Christmas song echoed through the sanctuary as a multitude of voices blended together. Small candles in every hand flickered softly as the flame was passed from one person to another. Growing up, our Christmas Eve service was one of the highlights of the season. Even yet today, there's something special about it when we stand together in our small country church, singing those very same words.

Sometimes the smallest traditions can make the most special holiday. As we continue to draw closer to this joyful season, here are some suggestions to help make your Christmas a little more memorable!

#### The Tree

When it's time to cut a tree, grab your gloves and a thermos of hot chocolate before your head to the pasture. Take your time looking for the perfect tree — Not too tall, not too small, and definitely not too lopsided! For decorations that are a little more rustic, string up dried slices of citrus or popcorn and cranberries to wrap your tree with. If you can find a motorized toy train, set up a small track around the base of the tree for it to

run on. If you end up being allergic to cedar trees (like I apparently can be!), consider an aluminum tree or even a smaller ceramic tree that lights up.

#### Sharing with Others

Whether you attend a Christmas Eve service and watch Jesus's story unfold on the stage or you plan a special dinner and read the Scripture together, make it a priority to slow down and remember the real meaning behind the holiday!

To help spread some joy among your neighbors, consider making goodie baskets filled with homemade jams or jellies, a candle, and sweets such as iced sugar cookies, gingerbread men, peanut brittle, or fudge. If singing is something you enjoy, gather a group of friends to go sing Christmas carols as you hand out your baskets of goodies.

For a more casual evening, consider planning a movie night with Christmas specials such as *A Charlie Brown Christmas* or *It's a Wonderful Life*. For families that enjoy listening to stories read aloud, try wrapping 12 different Christmas-related books (from a library or thrift store!) that can be read together each evening.

#### Card and Recipe Exchanges

Cards and newsletters

can be a fun way to catch up with family and friends around you, although it can be a daunting task to tackle by yourself. Rope a couple family members in to help make the process a little more relaxed and enjoyable as you stamp and address the mountain of envelopes. (Of course, good snacks can make almost any job more fun!)

For those that enjoy cooking, a recipe exchange with people across the country can provide you with new dishes you might never have thought to try! While recipe exchanges can add one more task during the holiday season (especially if you're handwriting each recipe), consider starting one after the new year for something extra to look forward to. If you're doing an exchange with local people, in-person cookie exchanges where you each bring a batch of cookies to share and several copies of the recipe can also provide a great way to get some new ideas and enjoy fellowship together.

Regardless of how extravagant or simple your holiday season is, may it be a time that is special to you and your family. May you have a chance to reflect back on the year and the blessings it has offered, and the greatest blessing of all — Jesus Christ.

*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.*

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by Kirk Sours

## Eh?

A few short years ago I was called out by my trusty assistant to a midnight pasture calving assist event. I say "event" because if you've ever been calving on pasture, at midnight, you know what I mean. Throw in the obligatory inclement weather, and presto, you have all the ingredients for an event worthy of "story" status!

Now, Nate had been on the scene of my prior "event" which ended up with my booted foot flopping around aimlessly on the end of my left leg, and him driving me to the emergency room followed by surgery, and the addition of about a pound of stainless steel to my body

weight. He had seen worse than what would happen on this night, to be fair.

The cow had a large calf lodged in the pelvis with its head back to its right, and the left leg back underneath. As we got the cow caught and tied up to the truck, I was working in close to get a halter loop on her so we could snub her up close when she suddenly jerked and moved into me, catching my hand under the halter loop, then yanked away jerking me off my feet and suddenly I'm on the ground on my back, with her doing a tap dance from my toes to my crown. As she traversed my squashy landscape, she stepped on my

steely leg which instantly sent a bone-jarring bolt of pain toward my cold-numbed brain! I actually thought I was going into surgery again to get this rod realigned, replaced, or worse. On the way north, as she left me, she planted one foot squarely on my chin and slid down my jawline, scooping my right ear right out of my head. With the top third of it still attached, it popped right back into place. I had no idea, other than a small trickle of blood ran down my chin as I crawled out of the way of the still-tethered beast swinging wildly back and forth. I was more concerned about the leg, but as I moved realized it was probably fine; nothing flopping around back there. My face was numb but other than fast-developing bruises, I wasn't any worse for wear; or so I thought. I asked Nate, the man of few words, "How does the ear look?" "Oh, might take a stitch or two", was his reply.

After I recuperated for a few minutes we finished

our task at hand, saving the cow, and I stomped in my door at about midnight-thirty, and informed my wife she had to get up and take me to the ER. Her response, "What now?"

Well, I guess I've had my share of these kinds of "events" over the last 40 years, so I can't say I blame her. The fact that I walked in the door was a positive note that she didn't always experience during these "events." She doesn't even ask when I'm going to learn any more; it's obviously no use!

Nate's "stitch or two" turned into a near three-hour plastic surgery job which, incidentally, my ENT surgeon took great pride in, and more stitches than he wanted to count. During one of my post-surgery visits to his office he confided that he really thought we were looking at two or three more surgeries, and probably a prosthetic, due to the amount of dirt, manure and debris he removed. I told him as long as there was

enough to hang my glasses on, no bother with a prosthetic. But he had saved the entire ear. Amazingly enough, the hearing mechanism was left without injury, even though it took weeks for the swelling to go down. It still feels like a piece of cardboard and I could swear that there is still a plug in my ear canal.

I told the doc that I felt like I have some hearing loss in that ear, so he set me up with his audiologist down the hall. I went into her glass booth and donned the headphones as instructed, and after several minutes, she informed me that my hearing was fine for a "man my age" who had probably not taken real good care to protect his hearing from machinery, gunfire, or bawling cows at weaning time.

However, as I discussed some of my frustration, she said, with certainty, "Mr. Sours. You do not have a hearing problem. You have a processing problem."

After staring at her for about 15 seconds in stunned silence processing that bold statement as I listened to my ever-present tinnitus, I replied, "Ma'am, I am not going to go home and tell my wife that!"

When she caught her breath after laughing herself red-faced, she explained that age slows the processing of sound from the ear to the brain recognition. "In rooms full of people, or lots of other background noise, you read lips to clarify. You also ask someone to repeat a question you thought you did not hear, but then you start answering before they finish."

"Yep!"  
"Processing problem!"  
"Eh?"

Kirk Sours is a ranch manager in northeast Kansas, shaped and molded by the Kansas prairie since the age of eight. His major hobby is writing commentary, short biographical stories, and he is active in the community. Email him at: [sours.kirk@yahoo.com](mailto:sours.kirk@yahoo.com).

# Gully erosion prediction tools can lead to better land management

Soil erosion is a significant problem for agricultural production, impacting soil quality and causing pollutants to enter waterways. Among all stages of soil erosion, gully erosion is the most severe phase, where large channels are carved through the field. Once gullies develop, they are challenging to manage through tiling; they require a more comprehensive approach along the impacted area.

University of Illinois researchers developed a modeling framework that uses remote sensing environmental data to predict gully erosion susceptibility more accurately. This predictive model allows landowners and conservation agencies to direct management resources to the most vulnerable areas.

"Erosion processes are complicated to predict, because there are so many factors at play, including farmer activity, climate, rainfall, temperature, vegetation devel-

opment, topography, and many other variables that are always changing over time. We wanted to incorporate more of these variabilities in space and time in our model to decrease the uncertainty of the prediction," says Jorge Guzman, research assistant professor in the Department of Agricultural and Biological Engineering (ABE) at the U of I and co-author on the paper, published in the Journal of Hydrology: Regional Studies.

The researchers conducted the study in Jefferson County, Illinois, where 59% of the land use is in agricultural production, primarily corn and soybeans. The region is typical of row crop production in the Midwest.

"We predict the geospatial location of gully erosion based on high-resolution spatial and temporal data from satellite sensing," says Jeongho Han, a doctoral student in ABE and lead author of the paper.

"We used the maximum entropy model, or MaxEnt,

to predict areas with a high probability of gully erosion. Typically, researchers have focused on static variables like soil, elevation, and slope, but we added temporal variables like precipitation and vegetation because erosion is highly affected by crop growth, temperature, and rainfall intensity," Han says.

"For example, Illinois has a bimodal rain pattern, with heavier rainfall during the spring and fall seasons. We need to consider the temporal variability of these factors."

Adding dynamic variables helped the researchers create a modeling framework that more accurately represents the complexity of factors that affect erosion.

To confirm their modeling results with actual gully locations, Han and Guzman analyzed LiDAR data from the Illinois Geospatial Data Clearinghouse mapped at two-meter spatial resolution, which provides airborne surface light detection for all of Illinois. By comparing images from two different years, they could pinpoint changes in surface elevation that may indicate the formation of gullies. These identified locations were then filtered and processed to remove direct human intervention like mining, construction, and other activities, as well as to narrow the gully inference to the accuracy of the LiDAR.

Overall, the researchers found 7.4% of the agricultural land in the study area had an elevated risk of developing gully erosion.

Among all factors considered, the slope, land use, seasonal daily maximum precipitation, and organic matter indicated the highest contribution in predicting the presence of gullies. The researchers also found that spatiotemporal changes in land cover and precipitation were crucial in predicting gully formation in agricultural areas.

Their approach can be applied across agricultural areas in the U.S. Midwest region that share similar land management and environmental variables.

"The main idea is that if we know where gullies are more likely to develop, we can start implementing land management practices," Guzman says. "Many tools and programs are available for erosion and nutrient management. The challenge is how to optimize these efforts more effectively. Landowners, communities, policymakers, and conservation agencies can use our tools to target programs and processes directing resources where they are most needed."

The Department of Agricultural and Biological Engineering is in the College of Agricultural, Consumer and Environmental Sciences and The Grainger College of Engineering at the University of Illinois.

The paper, "Gully erosion susceptibility considering spatiotemporal environmental variables: Midwest U.S. region," is published in Journal of Hydrology: Regional Studies [<https://doi.org/10.1016/j.ejrh.2022.101196>]. Authors include Jeongho Han, Jorge Guzman, and Maria Chu.

The U.S. Department of Agriculture-National Institute of Food and Agriculture (NIFA) provided funding for this research.

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Steve Peloquin, M.D.

## Nebraska Extension ag land management, leasing workshop scheduled statewide

Nebraska Extension and the Center for Agricultural Profitability at the University of Nebraska-Lincoln will host a series of in-person land management workshops covering current cash rental rates and leasing considerations for 2023. They will be held at locations across the state during the winter months.

The workshops will offer updated leasing information relevant to landlords and tenants, including tips for communication and negotiating. They will address

topics like current cash rental rates, managing and adjusting farmland leases, landlord-tenant issues, pasture leasing, crop share leasing and other management considerations.

The presentations will be led by Allan Vyhnalek, an Extension educator specializing in farm and ranch transition and succession, and Jim Jansen, an Extension agricultural economist. Both are with the University of Nebraska-Lincoln's Center for Agricultural Profitability. The meetings are free

to attend, but registration is required for each date. The schedule and registration information for each location are listed below. More information is available at <https://cap.unl.edu/succession>.

### Farm and Ranch Lease Considerations for 2023 Schedule

Dec. 5 in Ord: 10:30 a.m. to 2:30 p.m. at the office of Nebraska Extension in Valley County, 801 S St. Register: 308-728-5071. Lunch included.

Dec. 12 in Albion: 1 to 4 p.m. at the Casey's Building on the Boone County

Fairgrounds, W. South St. and Fairgrounds Road. Register: 402-395-2158.

Dec. 19 in Norfolk: 10:30 a.m. to 2:30 p.m. at the Madison County Extension Office, 1305 S. 13th St. Register: 402-370-4040. Lunch included.

Dec. 20 in West Point: 1 to 4 p.m. at the Nielsen Community Center, 200 Anna Stalp Ave. Register: 402-372-6006.

Dec. 21 in Saunders County: 10:30 a.m. to 2:30 p.m. at the Eastern Nebraska Research, Extension and Education Center, 1071 County Road G,

near Mead. Register: 402-624-8030. Lunch included.

Jan. 4 in Holdrege: 1 to 4 p.m. at the Ag Center on the Fairgrounds, 1308 Second St. Register: 308-995-4222.

Jan. 5 in Hastings: 9 a.m. to noon at the Adams County Extension Office, 2975 S. Baltimore Ave. Register: 402-462-3247.

Jan. 6 in O'Neill: 9 a.m. to noon at the Holt County Courthouse Annex, 128 N. 6th St. Register: 402-336-2760.

Jan. 9 in Beatrice: 10:30 a.m. to 2:30 p.m. at the office of Nebraska Ex-

tension in Gage County, 1115 W. Scott St. Register: 402-223-1384. Lunch included.

Jan. 17 in Hartington: 1 to 4 p.m. at Cobblestone Inn and Suites, 405 Arens Drive. Register: 402-254-6821.

Feb. 1 in Lincoln: 10:30 a.m. to 2:30 p.m. at the office of Nebraska Extension in Lancaster County, 444 Cherrycreek Road. Register: 402-441-7180. Lunch included.

Feb. 20 in Lyons: 1 to 4 p.m. at the Lyons Community Center, 335 N. Main St. Register: 402-374-2929.

## Good cow management, good carbon management webinar Dec. 1

The Texas A&M AgriLife Extension Service will present the webinar "Good Cow Management" on Dec. 1 from noon to 1 p.m. as part of its ongoing Department of Rangeland, Wildlife and Fisheries Management, RWFM,

Stewardship Series.

The webinar will discuss how livestock ranching practices can be used to maintain soil health, with carbon as an indicator and a product.

Cost is \$35, and advance registration is required at <https://tx.ag/RWFM->

DecWeb22 by Nov. 28.

After payment has been received, a follow-up email will be sent from the event organizer with instructions on how to access the webinar.

### Featured speaker

Doug Tolleson, Ph.D., AgriLife Research range

management specialist and director of the Grazingland Animal Nutrition Laboratory, Bryan-College Station, is the featured expert.

"The range management profession has been advocating for science and management that enhance

soil health, and thus vegetation and animal health since its inception," Tolleson said. "The link between soil carbon and grazing management is really nothing new, but it is critical."

For questions, contact series co-creators Morgan

Treadwell, Ph.D., AgriLife Extension rangeland specialist, San Angelo, at [morgan.treadwell@ag.tamu.edu](mailto:morgan.treadwell@ag.tamu.edu), or Brittany Chesser, AgriLife Extension aquatic vegetation program specialist, Bryan-College Station, at [brittany.chesser@ag.tamu.edu](mailto:brittany.chesser@ag.tamu.edu).

## Calving schools planned around state in January

In anticipation of calving season, Kansas State University Animal Sciences and Industry and K-State Research and Extension are planning a series of calving schools in January.

The program will outline overall calving management that includes stages of the normal calving process as well as tips to handle difficult calving situations. A.J. Tarpoff, K-State Extension beef veterinarian, explains the goals of the event are to increase knowledge, practical skills, and to increase the number of live calves born if they need assistance.

The schools will also share tips on when and how to intervene to assist the cow or heifer. Presenters

will also demonstrate proper use of calving equipment on a life-size cow and calf model.

"Our goal is for producers to leave better prepared for calving season," Tarpoff adds. "We will discuss timelines on when to examine cows for calving problems, and when to call your vet for help if things are not going well. We will also discuss calf care early in life. It's an excellent program regardless of experience level."

The meetings will have other timely educational topics determined by each location.

Meetings scheduled include:

• Tuesday, January 3, 2023, evening, Kiowa County Fairgrounds, Greensburg. RSVP to Comanche County Extension Office at 620-582-2411, [levimiller@ksu.edu](mailto:levimiller@ksu.edu)

• Tuesday, January 10, 2023, evening, Ellsworth Recreation Center, Ellsworth. RSVP to Midway District Extension Office at 785-483-3157, [cllaflin@ksu.edu](mailto:cllaflin@ksu.edu)

edu

• Thursday, January 12, 2023, evening, 4-H Building at the Old Iron Club, Fredonia. RSVP to Wildcat District at 620-378-2167, Southwind District at 620-365-2242, or Greenwood County at 620-583-7455

• Thursday, January 19, 2023, evening, Mankato Community Center, Mankato. RSVP to Post Rock Extension Office at 785-738-3597, [blairet@ksu.edu](mailto:blairet@ksu.edu)

More and updated information about the Calving Schools as well as local fliers will be available at [KSUBeef.org](http://KSUBeef.org).

## Kennedy receives FSA Administrators Award for Service to Agriculture

Kansas Farm Service Agency is proud to announce Verl Kennedy as a recipient of the Administrators Award for Service to Agriculture. This national level award recognizes employees for their substantial and noteworthy accomplishments to our farmers, ranchers, producers, and agricultural partners. The recipient represents our core values of ethics, customer service, teamwork, fiscal responsibility, and outstanding service to staff and employees across USDA.

Verl is one of those leaders that leads by example. He is a quiet leader that has a larger impact than most realize. He would not ask an employee to do something he wouldn't be willing to do. He works hard and maintains a high degree of personal and professional ethics. He encourages his employees to perform their jobs in a similar way. Verl is also quick to take on extra duties when asked by upper management.

With COVID protocols and meeting in person restrictions, the state executive director asked Verl to chair a team to revise

County Executive Director Training in Kansas. Verl and his team developed a detailed plan that involved employees at every level to participate as trainers in a virtual setting. Verl laid out the program area break down and timeline for each area. This training received great reviews from CEDTs and county executive directors. This initial training has turned into re-occurring virtual events that allow our CEDTs to network and gain knowledge together.

During management team discussions Verl always has valuable input. He always comes to the table with solutions to problems rather than focusing on the problems. He focuses on the fix rather than what is broke.

Verl's managers have the highest respect for him. He listens to their needs and takes time for them personally. He is even-natured and does not overreact to situations. This type of leadership is observed by managers, and they have started to share these traits in the short time Verl has been their supervisor.



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Ladysmith, Kansas had a post office from 1900 to 1906 – a short-lived history to be sure. Just over five miles from Clay Center, it is considered one of those Kansas ghost towns that lead us on map-quests and backroad investigations.

But like so many “ghost towns,” its story is more than the presence of a post office, or a school.

The Clay Center Economist reported on December 6, 1922:

Nine Coyotes In the Ring Thanksgiving Day  
Lots of Locals From

Ladysmith

Coming Events.

Ladysmith, Dec. 5 – Remember the wolf hunt Thursday, December 7, beginning at one p.m. over the same ground that the big hunt was on last Thanksgiving day, the northwest corner being one-half mile north of the Tubbs school house and extending four miles south and four miles east. There about nine coyotes in the ring Thanksgiving day, three being captured.

Does anyone out there have photos from this hunt or the one from “the last Thanksgiving Day?”

Better yet, does anyone have photos from this event:

There is to be a pro-

gram at the Ladysmith hall Friday, December 15. This is to be a box and pie social – The ladies bringing pies get in free and the men buying pies get a rebate. Also the rest are weighed at the door and the charge is 15 cents a hundred pounds. The program is to be given by the C. C. H. S. orchestra and will be a fine one. Everyone invited.

Then there was the big excitement over at the department store; it seems that despite the loss of the post office, there was still life in Ladysmith:

There is Quite a lively contest going on at the Ladysmith department store. Nearly everyone is trying for the set of dish-

es.

Among the notices in the paper, are the comings and goings of the ordinary people:

Clarence Woodham's baby has the measles and has been quite sick.

Mr. and Mrs. James Barclay and daughter Jessie visited Sunday at the home of Hugh Barclay.

Geo. Mitchell helped Art Case stack feed Monday.

The historian, like the reporter, is inherently nosey. (Remember the epic scene from “Crocodile Dundee” where he says she is a woman and a reporter and thus the nosiest creature on earth? Sexist, but sometimes Cinderella's shoe fits.)

While I peruse newspapers researching “important people,” big events or trends, these stories capture my heart – a baby with measles, helping a neighbor stack feed – the real lives of real people that allow us to connect as human beings.

Ultimately, that is my mission with Around Kansas – connections, whether they be in this time or a hundred years ago.

Deb Goodrich is the host of the Around Kansas TV show and the Garvey Texas Historian in Residence at the Fort Wallace Museum. She chairs the Santa Fe Trail 200 commemorated from 2021-2025. Contact her at [author.debgoodrich@gmail.com](mailto:author.debgoodrich@gmail.com).

## Genetics drive conversation for profitability of commercial cattlemen

By Whitney Whitaker, Angus Communications

Cost of gain increases, black-hided cattle market saturation and tight supplies due to weather are all challenging the commercial cattlemen today. How do they stay profit-

able amidst the market? During the 2022 Angus Convention in Salt Lake City, Utah November 5, the AngusLinkSM team hosted the Capturing Value session. The session aimed to help commercial producers learn how to cap-

ture more value for their calves so they can continue to face challenges but remain profitable.

Troy Marshall, director of commercial industry relations for the American Angus Association®, moderated a panel including Terrill Ostrum, livestock broker; Jordan Willis, cow-calf producer; Joe Goggins, Angus breeder and auctioneer; and Jed Connealy, Angus breeder and cattle marketer. Each panelist actively engages with cow-calf producers, but also have a hand in other sectors of the industry.

Regardless of their positions, panelists talked optimistically about the future, especially when discussing ways to earn a premium or a few more dollars for their calves. There are plenty of programs and opportunities, said Ostrum.

Connealy agreed. “I

think there is a pile of opportunity and the gap between good cattle and bad cattle gets wider all the time,” he said.

For those focused on raising good cattle, panelists shared ways those producers could earn more money and stay profitable. For many of them, genetics were key. Goggins said the number one thing to consider is buying good bulls with genetic value.

“Those invested in the feeding industry, we know the people who buy good bulls. We know the people who have watched their Ps and Qs as far as not only carcass but performance and fertility and everything,” said Goggins.

Connealy takes those superior genetics and quantifies them through AngusLink's Genetic Merit Scorecard. Understanding exactly what kind of bulls those producers bought and how those cattle are geared, it's easy to make

a connection and know where cattle would fit best, said Connealy.

“We work pretty closely with customers, so I don't know who else would be better versed to do that (match cattle to buyers) rather than the genetic guy in the equation,” said Connealy.

Willis said commercial producers have opportunities to capture more value if they start thinking about marketing. He stressed that marketing is what sets themselves apart on sale day.

“I think as cow-calf producers, we must put our marketing caps on,” said Willis. “We work our tails off every day doing the daily jobs, but when it comes to marketing, I think we fall short.”

Cow-calf producers also need to find the right seedstock producer and build a relationship with them. Seedstock providers needs to know what works

and what we need in our operation said Willis. Connealy adds that producers should get behind a program that already aligns with their goals to help build consistency in their operation. Ostrum said he purchases program cattle because of their consistency.

“The most predictable cattle I buy on an annual basis are cattle who have tied to a program year after year and are taking some advice and some counsel from the seedstock producer,” said Ostrum.

Flipping the script, seedstock producers can communicate with their customers to build relationships and help them be successful. One step can be helping their customers interpret the important data needed for bull buyers to make better decisions based on their environment and situation, said Ostrum. For Goggins, he said people buy people they like, know and trust.

“We all work in the agricultural business, but we are also in the people business,” said Goggins.

Through genetics and marketing programs, the panel shared several tactics and thought processes commercial cattlemen can use to grow their operation. At the end of the day, getting better might just mean doing something new.

“Let's get out of that paradigm and dare to do something no matter what part of the world you're in,” said Ostrum. “Look at those different opportunities and dare to do something different.”

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deep well SAE 5/16"-1" sockets, 12 Pc 1/2" Dr Metric 8mm-19mm sockets, 9 Pc 1/2" Dr SAE 5/16"-15/16" impact sockets, 1/2" Dr ratchet wrenches (4-7 & 10"), clip type torque wrench, 1/2" Dr swivel head ratchet, numerous 1/4"-1/2" extensions 2-11", 6 Pc 1/2" Dr driver set, 12 Pc 1/2" Dr deep well SAE 1/2"-1 1/4" sockets, 16 Pc 1/2" Dr impact SAE 3/8"-1 1/2" sockets, pliers-snips & cutters, 16 & 32 oz mallets, 3/8" Dr 3/8"-1" crows foot, punches, 18" pry bars, Picks, 7 Pc mini screw driver & pick set, 5 Pc flat head screw driver set, MAC: 7 Pc hex driver set, 1/2" Dr 4 speed bare impact, swivel drivers, 1/2" Dr 10" extensions, pliers-snips-punches & cutters, monkey wrench, double flaring tool kit, automotive multi meter, 3" air cut-off tool & 2" grinder; Good Wrench 8 Pc reversible ratchet Metric 8mm-18mm wrench set & SAE 5/16"-3/4"; Craftsman 6 Pc & 10 Pc open end ignition wrench sets; Craftsman 10 Pc easy out set; S&K extensions, breaker bars & ratchets; 14 Pc 1/2" Dr 1 1/16"-2" crows foot set; Cummings 21Pc 3/8" Dr socket set; Craftsman 16" adjustable pliers; Blue Point numerous items; 17 Pc 3/4" Dr SAE 3/4"-1 7/8" sockets; Pittsburg 28 Pc punch set; depth micrometer set; Buffalo 3" puller; OEM steering wheel puller; (16) Vise Grips; numerous driver sets; 7Pc 1/2" hex driver set; Crescent 24" wrench & others; 40 Pc SAE tap n die set; Matco 43 Pc thread restoring tap n die kit; Blue Point snap ring pliers; New Holland 8 Pc chisel set; 24" aluminum pipe wrench; 14 Pc open end 45-degree SAE 7/16"-1 1/8" set; Evercraft quick style torque wrench; NAPA 46 Pc precision screwdriver set; (15) Mac gripping pliers assortment.

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id state DC power supply; 12V quick air compressor; Coleman 2000 BTU heater; Porta-Heater 2,000 Btu heater; 2 1/2 ton hydraulic floor jack; (2) 16" stainless roller stands; (2) 3-ton jack stands; (2) B&D workmate standards; Craftsman retractable 20' cord reel work light; HD jumper cables; siphon pump; power probe 3-circuit tester; automotive test & bleed kit; battery load tester; Ford computer code reader; bushing remover & replacer set; compression tester; calipers; oil filter wrenches; stainless pry bars; numerous files; Fluke electrical tester; Treysit RPM meter, made in Germany; 1/2" gluing clamp; timing light; metal 3-drawer 1-shelf mechanics cart w/5" wheels; 15' log chain; Milwaukee laser distance meter; Stanley 2-wheel tool cart; 16"x30" 2-tier roller mechanics cart; draftsman set; Mac tool cases; machinery affiliated pocket pliers; NH Round Baler pliers; Stanley plastic saw horses; double utility light standard; Chicago battery tester; spring clamps; paint brushes; frame, wooden & spring clamps; hand saw; hand planes; fencing pliers; nail puller; draw knives; straight edges & squares; DeWalt drill bits; wood chisels; hole saws; tool belts; pipe vise; (4) misc. assortment cabinets; router bit sets; Quick Grips; CH 11 gal air bubble; Farm & Ranch 26" fan; 50' air hose w/reel; canister pain sprayers; Olympia 6" vise; rubber tarp straps; ext cords; tow straps; (3) receiver hitch; receiver balls; 15# propane bottle; elec E-Lite leaf blower; small clevis; Sweden SS filet knife; wood burning box stove & more by sale time.

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Texaco enamel 6"x24" "No Smoking" sign; 5-Cent beer mirror; Heineken framed beer sign; PBR wooden sign; Hamms Bear mirror sign; Bud-Hamms-Falstaff-PBR beer mugs & Schmidt 10" beer pitcher; Metal Toys: Nylint 4-wheel sand loader w/loading conveyor, Model Adams diesel motor grader, Model dozer, IH back hoe, Ford 750 loader tractor w/back hoe & Model Unit crane; oak combination curved glass china hutch/secretary; White Co trombone; iron wood pecker tooth pick holder; 4" iron horse; iron well cup; Genex – Beatrice, NE, serial number ID metal plates; oak school chair w/ desk arm; metal boiler; 1990's Play Boys; Meadow Gold 5 lb. cheese box; (3) tin utility cart; lanterns; galvanized 12 qt. Behrens bucket; aluminum cookie cutters & other unlisted items.

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# New mono-unsaturated soybean oil works well in pig diets

Adding a fat source to the traditional corn-soy swine diet is common practice, but the type of fat can make a difference both for growing pigs and carcass quality. Polyunsaturated fats, the primary type in distillers dried grains with solubles (DDGS), can reduce fat quality and complicate processing of pork bellies and bacon.

High oleic soybeans, high in mono-unsaturated fats, create a stable oil valued by the food industry and nutritionists concerned with heart health. And according to new University of Illinois research supported by the United Soybean Board, high oleic soybean oil performs well as a DDGS substitute both for growing pigs and pork processing characteristics.

The research team fed growing pigs a standard corn-soybean meal finishing diet, plus DDGS or high oleic soybean oil (HOSO) as a fat source. They included DDGS at 25% and

the HOSO at 2%, 4%, or 6% of the complete diet.

"When we fed the high oleic soybean oil, we saw reduced average daily feed intake, which makes some sense because as we include more energy in diets, pigs will usually consume less. The pigs were more efficient in converting that diet into pounds of gain," says Bailey Harsh, assistant professor in the Department of Animal Sciences at Illinois and lead researcher on two new studies in the Journal of Animal Science.

In addition to growth performance, the first study focused on overall carcass characteristics.

"When we think about what is important to producers or to the standard commercial finisher, it's how those pigs perform and yield in terms of carcass weight and fat free lean. We wanted to make sure all of that was in one study so a producer could look at that and say, well,

here's the impact on my bottom line," Harsh says.

The researchers found minimal differences in primal weights across the diets, but the overall trend showed greater fat thickness and reductions in fat-free lean as the HOSO percentage went up.

"As we added more fat to the diet, moving from 2% to 6%, the pigs grew more efficiently but were a little bit fatter and their carcass cutability dropped just a little bit, but not enough that we would be too concerned," Harsh says.

A second study focused solely on loin and belly quality, including palatability, from the same set of pigs. Drilling down allowed the researchers to evaluate whether the diets affected the highest-value primal cuts.

"Bacon quality, as well as belly quality, is relatively dependent on a pig's diet," Harsh says. "If pigs are consuming a standard DDGS-containing diet

which has more polyunsaturated fatty acids, those pork bellies will also be more unsaturated. We usually think about unsaturated fats as being very soft or liquid at room temperature, so you can have problems with softness of the bellies that can make them hard to slice. The loin is another primary outcome, so we needed to make sure we didn't have any major impacts on the loin either."

Harsh says she saw very little impact on palatability, oxidation, or belly and loin quality in pigs fed HOSO compared with the DDGS diet. As expected, bellies from HOSO-fed pigs were thicker and firmer, with a higher proportion of monounsaturated fatty acids compared with DDGS-fed pigs. And loin chops were just as tender, juicy, and flavorful in the HOSO-fed pigs as pigs fed the industry standard supplement.

Although the research-

ers evaluated three HOSO inclusion levels in the studies, they didn't specifically intend to make a recommendation for the swine feed industry. However, based on their results, Harsh says the 4% level looks promising.

"If we're talking about maximizing lean growth traits, the 2% is probably best because those pigs are a little bit less fat. But the 4% level probably is best for improving the thickness of bellies and making them a bit firmer, without compromising lean percentage to the same degree as the 6% level," she says. "Looking at all the traits together, the 4% HOSO inclusion seemed to be the sweet spot."

Although HOSO achieves good growth and meat quality characteristics, Harsh notes producers may pay a premium for the ingredient for now.

"Diet cost per pound of pig weight gain was actu-

ally a little more for HOSO than the DDGS diet. However, we really think most of that is a factor of availability," she says. "DDGS are plentiful, so cost is lower. HOSO currently makes up a small portion of the total market, so it is more expensive. But as high oleic soybean production increases, the price for HOSO will eventually go down."

The studies, "Effects of feeding high oleic soybean oil to growing finishing pigs on growth performance and carcass characteristics" and "Effects of feeding high oleic soybean oil to growing-finishing pigs on loin and belly quality" are published in the Journal of Animal Science. Authors for both papers are Katelyn Gaffield, Dustin Boler, Ryan Dilger, Anna Dilger, and Bailey Harsh. Funding was provided by the United Soybean Board.

## Finish the race strong: quality nutrition a must for cow herd success

The finish line is nearly in sight for cow herds around the country as spring-calving season looms. For many spring-calving herds, late-fall or early-winter marks the start of the third trimester and a significant upward shift in nutrient requirements. Coincidentally, it's also when most available forage resources are lowest in quality. This creates a significant gap between nutrient needs and nutrient delivery during what is arguably the most critical trimester in calf development.

This year, the ongoing drought around the country is compounding nutrient needs for cow herds. Dryness in your area may have you facing difficult decisions like feeding more hay and supplements than normal or culling animals.

"The drought and sub-

sequent liquidation of cows have made late-gestation nutrition all the more important this year so the next generation of the cow herd can be set up for success," says Patrick Gunn, Ph.D., cattle nutritionist with Purina Animal Nutrition.

Cow nutrition during these three months influences everything from calving ease, calf vigor at birth, long-term calf performance and next season's breeding success for the cow.

### Short- and long-term impacts of cow nutrition for the calf

Initial investments in quality nutrition have the benefit of positively affecting performance at calving and later in the calf's life, benefiting your overall profitability. Insufficient nutrition in the final trimester has significant ramifications.

"Cows channel 30% of

their energy to support fetal growth and development during the third trimester," says Gunn. "The fetus needs more nutrients from its dam than the previous two trimesters to fuel the final calf development of its organs, skeleton, lungs and immune system."

If calf development requirements aren't met in-utero, it can result in:

- Reduced birth weight and impaired growth
- Lower likelihood for the calf to reach its genetic potential
- Compromised immune system with a lifelong impact
- Long-term negative effects on fertility
- Setbacks to the dam's reproductive efficiency

"The third trimester offers a unique opportunity to proactively invest in the future of your calf

crop and replacement heifers," says Gunn.

Cutting corners on nutrition to save money upfront has an impact on performance, and subsequently your pocketbook. Fetal nutrition studies in Oklahoma and Nebraska demonstrate that calves born to cows with adequate levels of protein and energy in the diet during the third trimester have improved average daily gain and overall health.

The Nebraska study compared the reproductive performance of heifers born to supplemented and non-supplemented cows while grazing corn stalks. Supplemented cows produced heifers with higher overall breeding season pregnancy rates (93%) compared to heifers from non-supplemented cows (80%).

"The bottom line?

Whether the calf is destined for the feedlot or the cow herd, adequate cow nutrition is paramount for their future performance," says Gunn.

### Meeting third trimester requirements

Calving is the main athletic event a cow fuels her body for. Prepare the cow and her growing fetus for a successful calving by focusing on the essentials – protein, energy, minerals and vitamins. And don't forget to factor in changing weather. The colder it gets, the more energy cows need to maintain core body temperature, diverting energy away from the growing calf.

"Feed your cow herd with supplements that deliver additional energy and protein in a palatable package," says Gunn. "Some supplements are designed to complement your existing forage re-

sources, so cows only consume supplement when they need it."

Year-round mineral supplementation is another great strategy to help meet third trimester requirements. Constant access to quality mineral helps cows build up mineral and vitamin reserves. Cows can pull from those reserves during critical times, including the third trimester, to support nutrient needs without depleting their stores.

The third trimester serves as the final sprint to the finish line – a time to dial in cow herd nutrition and not hold back, ultimately helping performance and your bottom line.

Visit [purinamills.com](http://purinamills.com) or contact your local Purina® dealer for tips on providing the nutrition your cowherd needs to perform for the long run.

## Take precautions and practice heat lamp safety

By Adaven Scronce, diversified agriculture and natural resource agent, Wildcat Extension District

With colder temperatures and some areas of southeast Kansas getting a few snow flurries recently it is starting to feel more like winter than fall. During cold weather, heat lamps are often used to provide extra warmth in addition to straw in an animal shelter. While heat lamps and straw do a great job of keeping animals warm, the combination can also increase the risk of fire. However, the chance of a fire can be reduced if precau-

## Kansas milk production sees 4% increase

Milk production in Kansas during October 2022 totaled 351 million pounds, up 4% from October 2021, according to the USDA's National Agricultural Statistics Service. The average number of milk cows was 175,000 head, 6,000 head more than October 2021. Milk production per cow averaged 2,005 pounds.



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tions are taken.

There are many factors that affect the quality of a heat lamp. To help prevent a fire, use a quality made heat lamp. When purchasing heat lamps try to avoid ones that are poorly made and have short thin cords, poor connections to the fixture, and unreliable attachment points for hanging. Additionally, heat lamps that are fully enclosed, with a cage around the bulb, will help prevent the chance of a fire starting if the heat lamp were to fall. If you have a heat lamp that is not fully enclosed, you can use wire mesh and attach it to the heat lamp to make your own cage to cover the bulb.

Installing the heat lamp securely is also very important, while it is convenient to hang heat lamps up with baling twine, livestock can chew through the twine causing it to fall. It is safer to hang them up in a more permanent fashion using chain or wire. Never hang the lamp

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**JOAN A. LUNDGREN, SELLER**  
**LOT 2: 102+/- Acres with 80+/- acres Tillable.** Swede Creek meanders along east side of property. Located from Osage City, 1 mi. North on Hwy. 31, then 2 mi. West on Hwy. 56, then 1/2 mi. South on S. Docking Road.  
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# Calculating the value of your CRP forage

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

One of the first "big kid" farm projects my Dad turned me loose on by myself, was seeding down the marginal farm ground our family has owned for a century. Driving that M Farmall back and forth spreading brome seed for a new concept called the Conservation Reserve Program-CRP, made a second-grader feel like big stuff in the mid-1980s. I'll not claim to be all-know-

ing on this program and defer to FSA for a definition and rules.

CRP is a land conservation program administered by the Farm Service Agency (FSA). In exchange for a yearly rental payment, farmers enrolled in the program agree to remove environmentally sensitive land from agricultural production and plant species that will improve environmental health and quality. The long-term goal of the program is to re-establish valuable land cover to help improve water qual-

ity, prevent soil erosion, and reduce loss of wildlife habitat.

Signed into law by President Ronald Reagan in 1985, CRP is one of the largest private-lands conservation programs in the United States. Thanks to voluntary participation by farmers and landowners, CRP has achieved significant goals in conservation and sustainability.

As I write this, all three counties of Meadowlark District (honestly - most of the state) falls under the declaration for emergency haying and grazing of CRP acres. It obviously is getting late in the year to be putting up hay, but every year there seems to be CRP acres available for haying/grazing and especially this year, nearly everyone is utilizing forages of any kind to get livestock through the winter.

Meadowlark District has a rich history with the CRP program and I know these acres still exist.

All CRP forage is not created equally, as there runs a gamut of mixes of grasses and forbs - mostly our native Kansas grasses, but not always. Not only is the composition of forage at play, so is the timing of harvest. Generally, this type of hay is put up later, due primarily to the designated nesting season restriction, and often times of drought stress come later in the growing season. Additionally, CRP forage typically is not harvested in consecutive years, so this type of hay can contain old growth forage from previous years. All of this is to say that regardless if CRP is put up for hay or grazed, this is not the kind of forage that brings a premium, based

on quality. Most often this forage is compared to corn residue or wheat straw in terms of quality, but is it?

Hopefully this all makes sense thus far and I've not grossly mis-stated something so badly as to receive a call from the FSA office! So, why in the world have I invested this much time and newspaper space to this topic? First, as stated earlier, this is a year where CRP hay might be incorporated into rations more often and more widespread than a "normal" year. What kind of values should be plugged into a ration balancing software? The best answer is to complete a good, representative forage test and go from there with actual forage numbers. This low-quality forage will need to be supplemented, but at what rate? The second reason is a call for

action.

K-State Research and Extension has a new beef cow-calf Extension specialist - Dr. Jason Warner. Dr. Warner is organizing a statewide project to measure the forage quality value of CRP forages in Kansas and I've committed to providing testing locations in the northeast part of the state. What I don't know, is who might be willing to serve as cooperators on this project. Full details are forthcoming and I'll be happy to visit with anyone with interest, but basically, I just need to identify two to three sites across the District where representative clippings can be taken throughout the growing season. Please contact me if you want to help with this important study: 785-336-2184 or rmostell@ksu.edu



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## Certified Angus Beef awards \$70,000 in Colvin scholarship funds

By Kylee Kohls Sellnow  
The beef business relies on a passionate next generation.

With the support of partners across the industry, Certified Angus Beef awarded an annual record \$70,000 in scholarships to 20 students pursuing careers at the ranch, in meat science, in a research lab or supporting agricultural business and marketing.

The Colvin Scholarship Fund recognizes students for the commitment and energy they bring to agriculture, their education and community involvement. Young leaders with bright ideas for making the best beef even better earned five production agriculture, ten undergraduate and five graduate scholarships in 2022.

Since 2002, the fund has supported 121 recipients

through \$418,500 in scholarships.

The students recognized through scholarships are carrying the legacy of the brand's co-founder and executive director for 22 years, Louis "Mick" Colvin.

"With the support of the brand's partners, we were able to add a third category to the Colvin Scholarship Fund in 2022, the Production Agriculture Scholarship, giving a nod to Mick's roots," says Danielle Matter, Certified Angus Beef director of brand experience and education. "All of this year's recipients shine a bright light on the future of the beef business, and we are excited to see how the awards positively influence these students."

Production Agriculture awards:

- \$7,500 - Owen Gustafson - Dickinson State University
- \$3,500 - Jace Stagemeyer - Butler Community College
- \$2,500 - Teigen Hadrick - South Dakota State University
- \$2,000 - Blake Bruns - Northeastern Junior College
- \$1,500 - Amber Staab - University of Nebraska-Lincoln

Undergraduate awards:

- \$7,500 - Cutter Pohlman - Texas Tech University
- \$5,000 - Kevin Jess - Cornell University

\$4,000 - Eva Hinrichsen - Oklahoma State University

\$3,000 - Alexandria Cozzitorto - Texas A&M University

\$2,000 - Ellie Kidwell - Kansas State University

\$2,000 - Jake Bagby - Texas Tech University

\$2,000 - Lauren Frink - Colorado State University

\$2,000 - Eric Schafer - Butler Community College

\$2,000 - Claire Steverson - California Polytechnic State University

\$2,000 - Sheridan Wilson - University of Nebraska

Graduate Awards:

\$7,500 - Forest Francis - South Dakota State University

\$5,000 - Kaylee Greiner - Texas A&M University

\$4,000 - Mesa Kutz - Colorado State University

\$3,000 - Connor McKinzie - Texas Tech University

\$2,000 - Cesar Sepulveda - Texas Tech University

Applicants were asked how they hope to serve the beef industry and make it better.

Top graduate recipient, Forest Francis, a Ph.D. student at South Dakota State University, is study-

ing growing and finishing feedyard transition diet strategies to improve gastrointestinal health, growth performance, dietary net energy utilization and beef carcass traits.

His ideal job would be either a feedyard production consultant or animal science professor with emphasis in feedyard nutrition or meat science.

"I'd like to be able to merge the gap between cattle feeders and beef packers to help nurture and grow the most efficient cattle while maximizing beef quality and yield," Francis says.

This drive to create a healthier, stronger beef supply is mirrored by the top Production Agriculture recipient, Owen Gustafson. The Dickinson State University student looks forward to going back to the family farm to carry on the legacy for generations.

"I will strive to be a good steward of the land, to care for my animals and family to the best of my ability, and to advocate for agriculture and rural communities," Gustafson says. "My life's work will include having maintained and improved our riparian areas and healthy rangelands, feeding a hungry world a wholesome beef product, and giving back to my community through involvement and leadership."

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### AG LAND

\*37 Ac +/- Pasture NE of McPherson. New 40x60 Building, Rural Water & Power. Priced to sell quickly. Call Ray!

\*60 Ac +/- Excellent Tillable on E side of Solomon. Call Derek!

\*80 Ac +/- Tillable N of Windom. Call Derek!

\*80 Ac +/- Upland Tillable N of Windom. Call Derek!

\*80 Ac +/- Pasture, 2 Ponds, New Fence @ 81/24 Junction. Call Ray!

\*160 Ac +/- Tillable/Pasture at Junction City. Seller is Licensed Real Estate Agent.

\*8 Ac +/- Lake on 33 acres +/- N of Abilene. Has small cabins. SOLD

\*130 Ac +/- Tillable SE of Minneapolis. SOLD

### COMMERCIAL

\*Ottawa Co. Lumber, Minneapolis, KS. Great opportunity! Large business coming to town! High demand for housing! Call Ray!

### HORIZON HOMES

\*28 Ac +/- Build Site @ Burma Rd. & Parsons Rd. Rural Water Available. Can be split. Call Derek!

\*34 Ac +/- Build Site w/ Large Pond N. of Hedville. Call Derek!

\*40 Ac +/- Great Development/Building Site @ Junction City.

\*160 Ac +/- Development site. Junction City. Call Ray!

\*27 Ac +/- Phenomenal Build Site on K-4 HWY on Smoky Hill River. SOLD

\*2491 Fair Rd, Abilene, KS, 37 Ac +/-, UNDER CONTRACT



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\*Auctions \*Private Treaty Sales \*Value Assessments

Ray Swearingen, Broker/Owner... 785.452.8498  
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Lucas Hamm... 785.366.3580  
Samantha Swearingen... 785.577.9878  
Ty Bryant... 785.366.0261  
Sheila VanWinkle... 785.280.3564  
Billy Randle... 785.479.1152  
Rachelle Swearingen... 785.452.5115  
Derek Isaacson... 785.452.0566  
Creighton Mallory... 785.404.9281

**AUCTION**  
**SATURDAY, DECEMBER 3, 2022 — 1:00 PM**  
Auction will be at the farm located 7 1/4 miles East of CLIFTON, KANSAS on Highway 9 or 1/4 mile West of Highway 15 & Highway 9.

**TRACTORS & PICKUP**  
1978 Chevrolet Custom Deluxe IHC H tractor 12 volt runs.  
30 1 ton Camper Special pickup 8 cy, 4 speed, 63,000 actual miles, runs good; 1974 IHC 966 diesel tractor, cab air, 3 pt. dual hyd, 4300 hrs runs good; 1974 AC 7040 diesel tractor cab air, Power Director transmission, 3 pt, dual hyd, quick tach, runs good; 1969 AC 190 diesel tractor 3 pt. dual hyd, runs good; 1956 AC HD6-G crawler tractor, 6' bucket 24 volt; runs good; 1953 IHC Super M gas tractor live hyd; 1949 IHC H tractor 12 volt runs.

**MACHINERY**  
Hutch Master 10' offset disc; IHC 470 tandem disc 14"; Krause 11' tandem disc; IHC no 45 field cultivator 16"; New Holland 275 wire tie square baler; 5' Tumaco Scoop pull type; Case 4-14 pull type plow; AC Air Champ 6 row 30" pull type planter; IHC 56 4 row planter 36"; IHC 510 grain drill 20-8; IHC 510 grain drill 16-8; Bush Hog 5' 3 pt. mower; Fact

3 pt. blade; 3 pt. 2 shank ripper; 3 pt. IHC 120 sickle mower 7' bar; 3 pt. 150 gal sprayer; New Holland 56 side delivery rake; Win Power 7KW PTO generator on wheels; IHC 3 pt. 2 row planter; 6'x14' tandem axle heavy trailer; 4 wheel trailer; Grain Aviator 10 Wheel Wagon; 16' truck bed; 18' metal gate; 2-300 gal gas tanks; hedge post for fire wood.  
**There are no other small items, BE ON TIME.**

**NOTE: Be on Time, there are no small items. The auction will not take long. Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com)**

**BOB GILBERT \* 402-768-1866**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

**REAL ESTATE AUCTION**  
**MONDAY, DECEMBER 12, 2022 — 2:00 PM**  
Auction will be held at the Western Plains Heritage Center, 501 W. 3rd in SMITH CENTER, KS

**TRACT I: NE 1/4 13-2-13 Smith Co.**  
The farm is located 3 miles East and 7 miles North of Smith Center, KS on S & 90 roads. There are 154.43 farmland acres, with 89.01 crop acres, 65.40 pasture. There is a older 2 1/2 story home, barn, 40'x30' building, 50'x96' building. The home is in need or repair. The seller will do no repairs on the home or any other buildings. All inspections made by the purchaser must be done before December 12, 2022. The bases are wheat 36.47 with 35 bu yield; corn 9.39 acres with 112 bu yield; grain sorghum 8.85 acres with 67 bu yield; soybeans 18.24 acres with 28 bu. yield; for a total base acres of 72.95. Taxes: 2022 taxes will be paid by seller, 2023 taxes will be paid by purchaser. 2021 taxes were: \$2,589.98.

**TRACT II: NE 1/4 18-2-12 Smith Co.**  
The farm is located 3 miles East and 7 miles North of Smith Center (1/2 mile East of Tract I) on 90 and T roads. There are 157.70 farmland acres, with 69.90 crop acres, 87.80 pasture. The bases are wheat 29.77 acres with 35 bu yield; corn 7.51 acres with 112 bu yield; grain sorghum 7.08 acres with 67 bu yield; beans 14.59 acres with 14.59 bu yield; for a total base acres of 58.35. Taxes: 2022 taxes will be paid by seller, 2023 taxes will be paid by purchaser. 2021 taxes were: \$1,561.18.

**Possession:** Possession will be March 1, 2023.  
**Terms:** 10% of purchase price as down payment day of auction, the balance will be paid upon closing on or before February 28, 2023.  
Down payment will be escrowed with Collier Abstract. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser. Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.

**HIGBY FARMS**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

# Grass & Grain Area Auctions and Sales

Due to the uncertainty of events, if you plan to attend any of the following auctions and have any doubts, please contact the auction company to confirm that the auction will be conducted and inquire about safety procedures if you are concerned. And please check their websites.

Hundreds of auctions, online and in-person. [www.kansasauctions.net/gg/](http://www.kansasauctions.net/gg/)  
Always great online Equipment auctions — [www.purplewave.com](http://www.purplewave.com)  
Accepting Consignments for End of Year Online Only Auctions. [www.midwestauctionpros.com](http://www.midwestauctionpros.com). Auctioneers: Midwest Auction Pros.

2-Day Online Auction (bidding open NOW for Both Days; day #1 begins closing Dec. 6, 2 PM; day #2 begins closing Dec. 7, 2 pm) — 675+ Lots including Outdoor decor, antiques, coins, furniture, guns & ammo, knives, glassware & pottery, fishing & more held at [www.GriffinRealEstateAuction.com](http://www.GriffinRealEstateAuction.com). Auctioneers: Griffin Real Estate & Auction.

Unreserved Live & Online Land Auction (bid ONLINE Nov. 22-Dec. 6, 2022) — 326.84 Acres m/l of McPherson County Farmland selling in 3 Tracts. T1: 219.74 ac. m/l irrigated prime cropland, 220 ac. water right; T2: 68.77 ac. m/l with 67.01 ac. m/l prime cropland; T3: 38.33 ac. m/l prime cropland. Live Auction held at Inman for Seller: Greg Postier & Lori Elwonger. Held online at [www.bigiron.com/realty](http://www.bigiron.com/realty). Auctioneers: Big Iron Realty, Mike Campbell, listing agent.

Online Only Auction (bidding ends Dec. 8, 6 PM) — 7 Greenhouses - 10 +/- Acres; property set up to grow hemp, plants or vegetables (property located at Overbrook). Register & bid: [BidHeritage.HiBid.com](http://BidHeritage.HiBid.com). Auctioneers: Heck Land Company, United Country Real Estate Heritage Brokers & Auctioneers.

Sealed Bid Land Auction (bids due by November 29, 5 PM CDT) — 237.2 acres m/l of Washington County Land, 1 tract. Go to [RanchandFarmAuctions.com](http://RanchandFarmAuctions.com) for details; (see ad in this week's paper). Auctioneers: Ranch & Farm Auctions in cooperation with Whitetail Properties Real Estate, LLC.

City of Lyons Clean-up Online Only (opens Nov. 24 & soft closes 8 pm, Nov. 30) — Go to [hollingerauction.hibid.com/auctions/](http://hollingerauction.hibid.com/auctions/) current to bid. Auctioneers: Hollinger Online Auction.

November 28 — Land Auction consisting of 160 acres m/l of Washington County land including 41 ac. cropland, balance native grass pasture with excellent wildlife habitat, good fences, 2 small ponds, old farmstead, good outbuildings & rural water held at Washington for The Tuttle Family. Auctioneers: Bott Realty & Auction.

November 28 — Land Auction consisting of 446.74 acres m/l of Cloud County prime cropland, tillable across all tracts offered in 4 tracts held live at

Clyde with online simulcast bidding at [www.FNCBid.com](http://www.FNCBid.com). Auctioneers: Farmers National Company.

November 29 — Real Estate auction consisting of 40 Acres m/l of Wabaunsee County cropland with easy access and utilities to the property held at Harveyville. Auctioneers: Crossroads Real Estate & Auction, LLC.

November 29 — Land & Residential auction consisting of 37.9 acres m/l of Marshall County (farm & crop land), 3BR, 2.5BA home & outbuildings held at Marysville for Opal M. Tobin Revocable Trust (property known as the Game Bird Farm). Online bidding at: [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com). Auctioneers: Midwest Land & Home.

November 29 — Real Estate auction consisting of Republic County farmland & crop acres held at Belleville for Jesse Jear-doe & Jane Jear-doe. Auctioneers: Thummel Real Estate & Auction, LLC.

Max Alber Online Only (Bidding opens 8 am, Dec. 1 & soft closes 8 pm, Dec. 7) — Shop equipment, tools & personal property. Go to [hollinger-auction.hibid.com/auctions/cur](http://hollinger-auction.hibid.com/auctions/cur) rent to bid. Auctioneers: Hollinger Online Auction.

December 1 — Absolute Simulcast Live & Online Land Auction consisting of 121 acres m/l of Morris County well-maintained native grass in the Flint Hills, ponds, five wire fence, panels & loading chute held live at Herington with online bidding at [gavelroads.com](http://gavelroads.com). Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

December 1 — Simulcast Live & Online Land Auction consisting of 78 acres m/l of Riley County well-maintained Flint Hills land including (2) 1-acre subdivision lots, native grass, waterway, timber, great building site held live at Manhattan with online bidding at [gavelroads.com](http://gavelroads.com). Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

December 1 — Land auction consisting of 320 acres m/l sold in 2 tracts & combination of northern Greenwood County land for Gilbert A. Soule Rev. Trust. Auctioneers: Vaughn Roth Land Brokers.

December 2 — Greenwood County Land Auction consisting of 320 acres in the Heart of the Flint Hills. Large pond, timber lined wet weather creeks, big deer, quail & scenic view held live at Eureka with online bidding available: [www.sundgren.com](http://www.sundgren.com). Auctioneers: Sundgren Realty, Inc., Land Brokers.

December 3 — 8N Ford Tractor, farm equipment, shop & garden misc., household, antiques & collectibles, 1994 Chevy 3/4T truck, 2005 Chevy Trailblazer, Guns & Ammo held at Hutchinson for Jerry, Diane & Robert Redd. Auctioneers: Triple K Auction & Real Estate.

December 3 — Mid-Kansas Toy Auction offering a private collection of

approx. 400 lots: 1/16, 1/8 & 1/64 scale Ertl Tractors & Equipment. Also Precision Classics, Toy Farmer, Big Bud, DCP semis, pedal tractors, vintage toys & more held at Hutchinson (Online bidding available, go to [www.morris-yoder-auctions.com](http://www.morris-yoder-auctions.com)). Auctioneers: Morris Yoder Auctions.

December 3 — 1927 Chevrolet Fire Truck (runs), Trucks & vehicles, side-by-side, Tractors & equipment, H.E. Frager Odell, Neb. "The Mitchell" high wheel wagon w/ spring seat, tools & much more held at Marysville for Lawrence (Tony) Stoehr Trust. Auctioneers: Olmsteds & Sandstrom.

December 3 — Estate Farm Equipment auction consisting of Tractors (1981 JD 4640, 1969 JD 4020, 1967 Case 930, 1960 Case 930, Farmall M), 1988 Chevy pickup, 1959 Chevy Viking truck, 1951 Chevy truck, 1964 Rambler station wagon, 1966 Lincoln, 1950 Chevy, Farm & Cattle Equipment, farm & shop items & more held near Mari-enthal for Harold Berend Estate. Auctioneers: Berning Auction, Inc.

December 3 — All remaining inventory & store shelving held at Lindsborg for Lindsborg Hardware. Auctioneers: Wilson Realty & Auction.

December 3 — Tractors inc. 1974 IHC 966, 1974 AC 7040, 1969 AC 190, 1956 AC HD6-G crawler tractor, 1953 IHC Super M, 1949 IHC H, 1978 Chevrolet Custom Deluxe 30 Camper Special pickup & other machinery held near Clifton for Bob Gilbert. Auctioneers: Thummel Real Estate & Auction, LLC.

December 3 — St. James Catholic Church Consignment auction including cars, trucks, trailers, tractors, combine, skid loader, Farm & Livestock Equipment, consignments from F&L Construction & miscellaneous held at Wetmore. Proceeds support St. James Church. To consign contact Bill Burdick, Ron Burdick.

December 4 — Gun & Coin auction consisting of approx. 36 lots inc.: Ruger, Springfield, H&R, Savage, Remington, Stevens & more, large amount of ammo, hunting knives, bows, fishing reels; coins inc.: proof sets, unc. coin sets, silver Eagles, silver dollars, Mercury dimes, half dollars & more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

December 5 — Live & Online Land Auction: Lot 1 is 73 acres m/l with 54 ac. m/l tillable selling for Joan A. Lundgren. Lot 2 is 102 acres m/l with 80 ac. m/l tillable selling for Jane M. Debaun Declaration of Trust. Held live at Osage City with online bidding at [www.superiorlandgroup.com](http://www.superiorlandgroup.com). Auctioneers: Superior Real Estate & Land Group.

December 6 — Estate Farm Equipment auction consisting of Tractors (2013 JD 8360R, 2005 JD 8320, 2009 JD 4830), Trucks inc. semis, fuel truck & others, trailers, farm equipment & other farm items held Live north of Mari-

enthal with internet bidding at [Equipmentfacts.com](http://Equipmentfacts.com) for Landon Koehn Estate. Auctioneers: Berning Auction, Inc.

December 6 — Real Estate Auction consisting of Mitchell County land including 145.34 farmland acres with 81.53 crop acres held at Randall for Debbie Galaway, Mike Plowman, Kathy McMahan, Marcia Koch. Auctioneers: Thummel Real Estate & Auction, LLC.

December 10 — 2000 Ford LGT F-150 pickup, tool chest, nice power tools, shop tools, shop items, collectibles & much more held at Beatrice, Nebraska for Allen "AJ" Jensen Estate. Auctioneers: Jurgens, Henrichs, Hardin & Sommerhalder.

December 10 — Versatile, Oliver, Case, Farmall tractors, grain trucks (40s & 50s stub nose), cars, pickups, school bus, camper, Krause & JD tillage equipment, New Holland hay equipment, Gleaner combines, horse related items, lots of shop tools, farm primitives & collectibles held at Hutchinson for Hay Judy Estate. Auctioneers: Morris Yoder Auctions.

December 10 (RESCHEDULED from Nov. 5 due to weather) — Farm Auction including JD 4400 combine, 2011 Red Rhino gooseneck flatbed trailer & more farm equipment, collectibles & misc. including Vintage JD 3 sp. Men's Touring bicycle, vintage toys, Hot Wheels, JD collectors, household decor & much more held at rural Linwood for Dave & Julie Downes. Auctioneers: Elston Auction.

December 10 — Shawnee County Land auction consisting of 184 acres m/l of Soldier Creek bottom farmland offered in 4 tracts (land located east of Silver Lake) held at Silver Lake for Roeder Implement Company, Inc. Auctioneers: Cline Realty & Auction, LLC.

December 12 — Real Estate Auction consisting of Smith County land: T1: 154.43 ac. farmland with 89.01 crop acres, 65.40 acres pasture; T2: 157.70 farmland acres, 69.90 crop acres, 87.80 pasture held at Smith Center for Higby Farms. Auctioneers: Thummel Real Estate & Auction, LLC.

December 17 — Skid steer loader, attachments, 2022 (New) Farm Dump Trailer, cargo trailers & others, 2008 Jayco Eagle 5th wheel travel trailer, Polaris ATV 4-wheeler, sprayer, shotgun, mower, welder, generator, etc., power & hand tools including DeWalt, many long handle items, household, office supplies & more held at Beatrice, Nebraska for Absolute auction of Gage County Sheriff. Auctioneers: Jurgens, Henrichs, Hardin & Sommerhalder.

December 17 — Real Estate consisting of 55 acres retired CRP Native Grass to be sold in 2 equal size tracts with 27.5 ac. m/l each; possible homesite/mini farm held at St. Marys for Doyle & Laura Pearl. Auctioneers: Pearl Real Estate & Appraisal Service.

April 8, 2023 — Fink Beef Genetics 37th Annual Sale held at Randolph.

## Angus Foundation raises \$15,000 with sale of Certified Angus Beef barn painting

By Peyton Schmitt, Angus Communications

The Angus Foundation raised \$15,000 with the auction of a highly desired Certified Angus Beef (CAB) barn painting at the 2022 Angus Convention in Salt Lake City, Utah. The painting was auctioned at the annual American Angus Association® Awards Dinner and Reception Sunday, Nov. 6 and was purchased by Gardiner Angus Ranch of Ashland. Funds raised will help further the Foundation's mission of supporting Angus education, youth and research.

In 2018, CAB celebrated 40 years in business with the "Brand the Barn" campaign, painting 40 barns belonging to Angus breeders in 25 states across the country with the Certified Angus Beef® brand logo. In response to the campaign, many Angus enthusiasts joined the wait list to have their own barn painted. The Foundation offered breeders the unique chance to skip the line and proudly represent the brand on their operation.

"We're incredibly thankful for the Angus family's support of this offering from Certified Angus Beef," said Jaclyn Boester, Angus Foundation executive director. "The generosity of the Gardiner family will help continue the Angus legacy and is an investment in the future of our breed."

CAB will commission artist Troy Freeman to brand the Gardiner Angus Ranch barn and will also provide \$1,000 to host a celebration event in conjunction with the barn painting. Funds raised will support a variety of programs including educational opportunities for breeders, leadership development conferences for Angus youth and groundbreaking industry research.

## Add comfort to your dry cow protocol

Cow comfort is important at all times, but especially at dry-off. Animals dried off may experience udder engorgement and milk leakage — resulting in less rest time, a higher risk of mastitis infections and increased discomfort.

"Cows don't raise their hands when you ask the question, 'Hey, are you feeling okay during this dry-off?'" said Brad Rohrer, Meadow Lane Dairy LLC. "They rely on us to know their health status, and to do what we can to keep them comfortable."

### Minimizing discomfort

Historically, producers have reduced milk production before dry-off — and reduced the impending discomfort — in a few different ways. They can move animals to a separate pen and feed a lower-energy diet, or they can cut back on the number of milkings just before dry-off.

"As a producer, you don't like to see cows having to deal with that irritable feeling of being full of milk," expressed Rohrer. "It's like a child with a stomach ache. We want to do whatever we can to help prevent that feeling."

A new method is to provide cows with an oral mineral supplement designed specifically to reduce milk production. This approach can help to maintain cow comfort and well-being at dry-off without any additional management changes.

"The supplement is given by giving two oral mineral boluses at, or eight to 12 hours before, the last milking," explained Stephen Foulke, DVM, DABVP, Boehringer Ingelheim. "It helps to reduce the amount of milk produced by causing a temporary decrease in blood pH, similar to what is accomplished with DCAD diets."

The reduction is accomplished via two pathways, both resulting from the drop in blood pH:

- A reduction in glucose transport into mammary alveolar cells which decreases lactose synthesis and causes a reduction in milk production.
- A decrease in dry-matter intake reduces net energy and subsequently, milk production.

"On our operation, this approach has reduced the number of animals encountering problems at dry-off and in that critical time following dry-off," said Rohrer. "It's a great resource, an easy way to help cows dry off comfortably, and it has no negative impact on milk production in the upcoming lactation."

Aside from your chosen method of reducing milk production before dry-off, an effective dry cow protocol will include a variety of management practices and products, based on the unique challenges of your herd. Dr. Foulke recommends working with a veterinarian to establish a protocol that also includes a dry cow treatment, a teat sealant and a vaccination program.

### Putting cattle first

Although there isn't a one-size-fits-all approach to drying off cows, every protocol should be centered around animal well-being. To prioritize cow comfort through the dry period, focus on the following:

- Maintain an overall atmosphere of cleanliness. Remove manure as soon as possible, and provide plenty of clean, fresh bedding.
- Install and maintain proper cooling systems including fans, shade and sprinklers.
- House cows in a building with proper ventilation. This will help avoid high humidity in the winter and heat buildup in the summer.
- Ensure cows have enough space to eat and rest.
- Feed an appropriate and well-balanced diet.

Talk to your veterinarian about adopting a negative dietary cation-anion difference (DCAD) diet.

"As veterinarians and producers, caring for cattle is what we do," concluded Dr. Foulke. "Cow comfort should always be a part of that. Good animal welfare is key to the health of the industry, the sustainability of our farms and the confidence of consumers."

## REAL ESTATE AUCTION

TUESDAY, DECEMBER 6, 2022 — 2:00 PM

Auction will be held at the Community Center in RANDALL, KANSAS

NE ¼ NE ¼ & W ½ NE ¼ & EAST 46 ACRES OF NW ¼ -2-6-7 MITCHELL CO.

The farm is located 5 miles South of Randall, KS on 250 Road then ¼ mile West on A Road. There are 145.34 farmland acres, with 81.53 crop acres. The bases are wheat 66.06 with 36 bu yield, grain sorghum 9.4 acres with 56 bu yield, for a total of base acres of 76.0 acres. There are 63.06 acres of pasture, 5.47 acres waterway and .75 acres waste.

**POSSESSION:** Possession of pasture and open ground will be March 1, 2023. Possession of the ground planted to wheat will be after 2023 wheat harvest. Purchaser will receive cash rent of \$80.00 per acre on the ground planted to wheat. The rent will be paid to the purchaser on or before July 15, 2023.

DEBBIE GALAWAY \* MIKE PLOWMAN \* KATHY McMAHAN \* MARCIA KOCH  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

**TAXES:** Seller will pay 2022 taxes, Purchaser will pay 2023 taxes. 2021 Taxes were: \$1,542.46.

**TERMS:** 10% of purchase price as down payment day of auction, the balance will be paid upon closing on or before February 28, 2023.

Down payment will be escrowed with NCK Title LLC. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser.

Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.

## GUN & COIN AUCTION

SUNDAY, DECEMBER 4, 2022 — 10:00 AM

Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds in SALINA, KS

### GUNS SELL AT 10:00 AM

1. Ruger Security Six 357 mag (152-13435).  
2. Unique Model 52 22 LR (475790); 3. Phoenix Raven 25 auto (3087236); 4. Stevens 66-B 22; 5. Springfield 83 22; 6. Walther 7.65 MM (391989P); 7. Savage Axis 223 Rem. (H460673); 8. H&R Topper 48 410; 9. Wingmaster 870 20 ga. (1019408X); 10. H&R Topper 20 ga. (H24347); 11. H&R Topper 410 (BA587184); 12. Remington Sportmaster 511 22; 13. Marlin Model 03030 30-30 (16038237); 14. Pioneer (Gambles) M25 22; 15. Remington 5501 22; 16. Remington 870LW 20 ga (VO34632K); 17. Remington Target Master 510 22; 18. Remington 5501 22 (S413791X); 19. Machine Main double barrel 12 ga.; 20. Remington Wingmaster 870 20ga.; 21. Remington 514 22; 22. Stevens 15 22; 23. Remington nylon 66 22 (2409184); 24. Stevens 77F 410 pump; 25. Stevens 77H 12ga; 26. Remington 1100 12 ga. (51381V); 27. Remington 788 243 Win (6111609); 28. Stevens

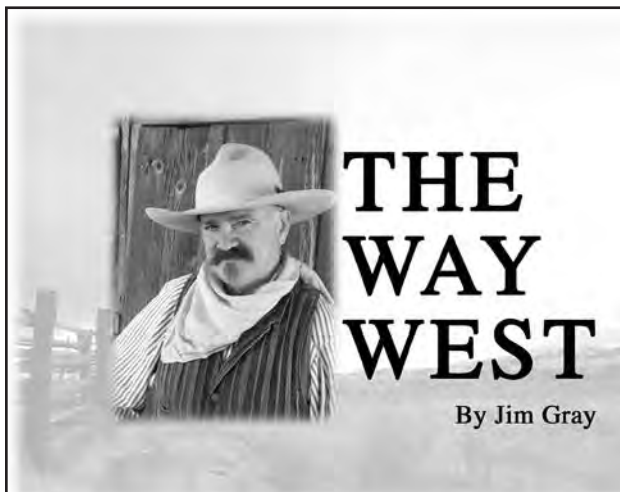
87D 22 w/original box; 29. Remington 511 22; 30. Stevens 311H double barrel 20 ga. (E269369); 31. BWK 92 Sporter 5.56x45; 32. Remington nylon 66 22; 33. Foremost Westfield 6400 30-30; 34. Van Guard by Weatherby 300 WBY mag (VS31275); 35. FIEC model SB 410 (778952); 36. Henry Hool 22 new in box (107366); 37. Protector Italy 410 (210463); 2 Crossman 760 BB guns; 10 pt. cross bow; PSE bow; white tail bow; bow case; **large amount of ammo inc:** 22, 357, 243, 270, 223, 30-30, 12 ga., 20 ga., 410; 2 hunting knives; Coleman stove; baseball & hunting hats; turkey decoys; ammo cases; fishing reels.

### COINS

**Large collection of coins inc:** Proof sets; Uncirculated coin sets; Silver eagles; silver dollars; mercury dimes; half dollars. **Check our web site at [www.thummelauction.com](http://www.thummelauction.com) for a coin list that will be updated until day before auction.**

**NOTE:** This is a individual North Central Kansas collection. We will sell the guns and ammo first followed by the coins. Check our website at [www.thummelauction.com](http://www.thummelauction.com) for pictures and a coin list. We will be open Sunday morning for VIEWING at 8:00 a.m.

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067



## Bleeding In Kansas

Prize fighting, known more commonly today as boxing, began as a gentleman's pastime done in the interest of physical health through "manly" exercise. However, the activity progressed beyond the athletic clubs to become a brutal exercise for the benefit of the sporting crowd, and the baser elements of the gambling world. To eliminate the brutality and reduce the potential bodily harm the London Prize Ring rules were revised in 1868. The rules required "fair-sized" gloves and outlawed the use of spiked boots, which were often employed in bare-knuckle fights. They also diminished the role of wrestling or throwing, and mandated three-minute

rounds with one-minute rest in between. The rules were slowly taken up in America and on the frontier bare-knuckle fighting continued to dominate the bouts even though they were deemed illegal in most parts of the country.

At Lawrence, Kansas, John Speer, editor of the *Weekly Tribune*, registered his disgust at "the recitals of the regular prize fight," found in other newspapers. The date was November 18, 1869.

"A prize fight," Speer lamented, "sets all the telegraph operators to work till the wires of a continent tremble with the exciting intelligence of the 'rounds' and the disgusting particulars of cracked ribs and broken noses; and

all the papers of the next morning come out with sensation heads."

Speer recalled, "During the summer one of these disgusting exhibitions came off in Kansas, somewhere near Quindaro." The present-day location is on the northern edge of Kansas City, Kansas, overlooking the Missouri River. Speer wasn't the first to denounce the Quindaro prize fight.

Several papers denounced the "brutal fist-cuff." The fight between the two "pugilists" took place June 21st "on the soil of bleeding Kansas." Bleeding was the least they could say. Three hundred spectators consisting of a "good many roughs and sports" were in attendance. On June 26th the editor of the *Manhattan Nationalist* declared that "Kansas was disgraced by a prize fight last Monday, between John Hickey and Jim King. The party clandestinely left Kansas City, landed in Quindaro, pounded each other through nine rounds, and left the ground in a bruised and bleeding condition - all for \$500 a side, which Hickey won. Shameful."

Even the spiked boots outlawed by the new London rules came into play when Hickey "trode on King's foot, sending one

of the spikes of his shoes through (King's) toes," and in a low tone said, "Jim didn't mean to do that." In the end Jim King took a terrific blow to the neck that sent him to the ground, gasping and senseless.

*Weekly Tribune* editor John Speer reminded his readers that the law of the state was against such bestialities, "but it is such that probably not more than a case of assault and battery could be made out of it, with a merely nominal fine of a few dollars and costs." Speer asserted that prize fighting was "a relic of barbarism," and strongly suggested severe penalties should be attached to such activities. "Our State makes a duelist ineligible to office, and it ought to disfranchise and disqualify a prize fighter from entering society. The hammering of stone at the State Penitentiary is the best use that can be made of a prize fighter's muscles."

While Speer was writing those words another Quindaro prize fight was taking place on November 16, 1869. This one was held on an island in the river between "Walker and Nolan, both of Kansas City." *The Wyandotte Gazette* posted a tongue-in-cheek account of the fight, switching the first letters

of each man's name. The second round will provide an example of the editor's creative reporting.

"Wolan countered heavily on Nalker's left cheek with a keg of nails, taking three or four buckets of boiling water thrown by Nalker with the utmost nonchalance. Parties then closed, and Nalker succeeded in throwing Wolan across the river and about five miles back into the woods. He landed on the track of the M.V.R.R., just in front of a heavy freight train which ran over him, cutting him in several pieces. First blood for Nalker."

*The Gazette* continued to the sixth and final round with Nalker throwing Wolan into a furnace. "Bets heavy in favor of Nalker. Then drawing him from the furnace he threw him several miles above Leavenworth, and Wolan failing to return in time, the fight was declared in favor of Nalker." *The Fort Scott Daily Monitor* reported that Nolan (the *Gazette's* Wolan) was badly hurt. Being critical of prize fighting in general the editor refused further coverage saying, "We omit the incidents, for they are not of a nature to interest many of our readers."

Although many opposed the brutal sport, the prize fight would become

one of the pillars of the sporting world. The Marquis of Queensberry rules from the London Ring provided further regulation intended to support the idea of prize fighting as a gentlemen's contest. But that didn't stop the bleeding within the stakes and rope of the Kansas fight ring where "roughs and sports" cheered and bold pugilists pounded each other senseless on The Way West.

"*The Cowboy*," Jim Gray can be reached at 220 21st RD, Geneseo, KS. Phone 785-531-2058 or [kansascowboy@kans.com](mailto:kansascowboy@kans.com).

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## Farmers & Ranchers

### AUCTIONS EVERY MONDAY & THURSDAY

**Selling Cattle every Monday  
Hog Sales on 2nd & 4th Monday of the month only!**

**TOTAL FOR THE WEEK: CATTLE 1080.**

**BULLS: \$104.50-\$115.50** 1 blk Tescott 1925@105.50  
**COWS: \$74.00-\$85.50** 1 blk Ellsworth 2240@105.00  
1 blk Tescott 2025@104.50

**MONDAY, NOVEMBER 21, 2022**

#### CALVES

4 blk Salina 251@510.00  
4 blk Salina 275@500.00  
6 blk Salina 273@485.00  
3 blk Salina 218@475.00  
1 blk Bennington 175@435.00  
5 blk Salina 200@360.00  
1 blk Canton 180@335.00  
1 red Salina 185@310.00  
1 blk Randolph 110@250.00  
1 blk Beverly 80@200.00

#### COWS

2 blk Inman 1620@85.50  
2 blk Assaria 1630@83.50  
1 red Tescott 1305@83.00  
2 blk Carlton 1725@82.50  
4 blk Lost Springs 1609@81.50  
2 blk McPherson 1660@81.00  
4 blk Salina 1521@81.00  
1 blk Tescott 1765@79.50  
1 blk Bushton 1765@79.00  
2 blk Salina 1508@79.00  
4 blk Salina 1646@78.50  
4 blk Lost Springs 1630@78.50  
1 rwf Salina 1525@78.50  
1 blk Geneseo 1895@78.50  
1 grey McPherson 1785@78.00  
1 blk Abilene 1545@77.00  
1 blk Tescott 1625@76.00  
5 blk Salina 1690@75.00  
1 blk Salina 1640@74.00

#### BULLS

1 blk Lincoln 2240@115.50  
1 red Lincoln 1820@115.00  
1 char Lincoln 2110@114.50  
1 blk Lincoln 1965@114.00  
1 bwf Brookville 2020@112.50  
1 blk Concordia 2150@111.00  
1 blk Minneapolis 2070@108.00  
1 blk Solomon 2230@107.50  
1 red Randolph 1725@106.00

### EARLY CONSIGNMENTS FOR THURSDAY, DECEMBER 1:

160 mostly black, steers & heifers, 450-650, weaned 60 days, vaccinated, hay fed; 45 black/bwf, steers & heifers, 550-650; 100 black/bwf/red steers & heifers, 600-800, 30 days weaned, fall vaccinations, open; 52 steers & heifers, 500-700, 2 round fall vaccs; 100 black/bwf, bulls & heifers, 450-550, home raised; 130 blk/sim Angus, steers, 875-900, weaned September 1; 30 black steers & heifers, 550-650, 30+ days weaned, fall vaccinations, bunk broke Stucky Genetics; 13 black steers & heifers, 550-700, home raised, 2 round vaccinations, open; 60 steers, 850; 10 shorthorn steers, weaned, fall vaccinations, 600-700; 150 steers & heifers, home raised, long time weaned, open, 625-725; 18 heifers, 850-875, checked open.

**PLUS MORE BY SALE TIME.**

## The Nation's Oldest & Largest Open Consignment Buffalo Auction!!!

Kansas Buffalo Association Annual Fall Buffalo Auction being held at Farmers & Ranchers Livestock Commission, **Saturday, December 3, 2022. Starting at 11 am.** Selling 200 Bull Calves, 175 Heifer Calves, 130 Yearling Heifers, 170 Yearling Bulls, 40 Two Year Old Heifers, 60 Mature Cows.

**Buyers reception Friday Night from 7-10 pm, at Farmers & Ranchers Café.**

**ALL buyers need a Letter Of Credit.**

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## Livestock Commission Co., Inc. Salina, KANSAS

**SALE BARN PHONE: 785-825-0211**

**MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY**  
Hogs sell at 11:00 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](http://www.fandrive.com)

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

### EARLY CONSIGNMENTS FOR SPECIAL WEANED/VACC SALE, TUESDAY, DECEMBER 6, 2022 \* 11 AM

10 Red Angus steers & heifers, 400lbs; 35 steers & heifers, 45 days weaned, vaccinated, home raised, 450-550; 7 steers & heifers, long time weaned, fall vaccinations, 700lbs; 15 black steers & heifers, 500-600; 25 black Angus, steers, wean 80 days, 2 round fall vaccs, 650-700; 12 black steers & heifers, 450-550, 75 days weaned, 3 rounds vaccinations; 14 black steers, 500-600, home raised; 30 black steers, 700; 24 CharX steers & heifers, 450-750; 25 steers & heifers, 400-600; 75 black steers & heifers, 600-800, home raised; 30 steers & heifers, 500-600, home raised; 100 black steers & heifers, 500-600, weaned 45 days, vaccinations, home raised; 60 black steers & heifers, 500-600; 32 mix steers & heifers, 500-650; 80 Sim/Angus steers & heifers, 550-700, Cow Camp & Irvine sired; 85 black & red steers, 750-800, vaccinated, poured, long weaned; 45 black & red heifers, 600-650, vaccinated, poured, open, long weaned; 27 black/BWF steers & heifers, weaned September 3, 2 round vaccinations; 75 black/char steers & heifers, 2 round vaccinations; 85 black/Char steers & heifers, 550-750, home raised, 2 round fall vaccinations, 90 days weaned; 40 black steers & heifers, 400-600, 2 round vaccinations, weaned October 1; 140 black Sim/Angus steers & heifers, 500-800, running out; 45 black/BWF & red steers & heifers, 500-650, home raised; 35 red steers & heifers, 550-700, home raised, 2 round vaccinations, 60 plus days weaned; 92 black/BWF, 500-700, long weaned, all vaccinations; 52 black & red steers & heifers, home raised, long weaned, 2 round fall vaccinations; 30 steers & heifers, 500-600, long weaned, home raised, fall vaccinations; 50 black & red steers & heifers, 550-700, home raised, 3 round vaccinations, 90 days weaned; 25 black steers & heifers, 500-650, home raised, 2 round vaccinations, 60 plus days weaned; 85 black/Char, steers & heifers, 600-700, 45 days weaned, 2 round fall vaccinations, home raised, running out, native; 240 black/bwf, steers, 500-700, 2 rounds fall vaccinations, long time weaned; 100 black, steers & heifers, 500-650; 40 black/bwf steers & heifers, 600-750, weaned October 1, 2 round fall vaccinations; 300 black/CharX steers & heifers, 500-650; 100 black heifers, long time weaned, fall vaccinations, 400-525. **PLUS MORE BY SALE TIME**

### EARLY CONSIGNMENTS FOR SPECIAL COW SALE, TUESDAY, DECEMBER 20, 2022 \* 11 AM

**BULLS:** 3 purebred Hereford, 3 years old, EPDs, semen & trich tested; *plus more by sale time.* **HEIFERS:** 20 Angus, bred black, home raised; 34 purebred black, home raised, bred Angus, spring calvers; 100 Angus heifers, home raised or Montana Origin, AI bred Barrett Angus, February calvers; 0 Angus, AI bred, ABS breeding; 60 Angus, home raised, calving January 15 for 60 days, bred Hinkel Angus, Scourguard, gentle; 20 black & red, home raised, bred McCurry Angus; 50 black, Montana origin, bred Angus, calving January 25 for 55 days; 100 Angus heifers, SD origin, 45 day calving period starting February 1; *plus more by sale time.* **COWS/COW PAIRS:** 36 mostly black, 6-8 years old, bred black, raised big calves; 55 black & Red Angus, spring bred cows, 3-5 years old, bred black/SimAngus, sons of Fully Loaded; 30 black, running age, bred Angus, February calvers; 50 black/bwf, 3-5 years old, bred Char, February calvers; 10 black & red, young cows; 25+25 cow pairs; 30 bred cows, January/February calvers; 40 red & black, 4-6 years old, spring bred; 20+20 black & red young pairs, exposed to black bulls; 40 red & black, running age, spring bred to Shippy Angus bulls; 300+300 black/bwf cows, 80% 3 & 4 years old, 20% 5 years old, fall calvers, Angus calves, running back with S.D. Char bulls; 5+5 5 year old pairs; 45 cows, mostly 4-6 years old, bred to Hereford or Red Angus bulls, spring calvers; 8 cows, 3-6 years old, March to April calvers, bred Red Angus or Char; 20 running age cows; 14 black cows, 3-5 years old, bred Sim/Angus; 15 black & red aged bred cows, bred black & Red Angus; 45 black cows, 3-4 years old, bred Dix Angus, calving February 10; 40 black & red cows, 3-7 years old, bred red & black Angus, home raised, calving late January; 75 black/bwf, 3-8 years old, bred Angus, calving February 20; 15 black/red cows, 3-5 years old, bred black/Red Angus, 4-7 months bred; 25+25 blk/red Angus pairs; 200+200 black pairs, 4-6 years old, Angus calves; 88 black cows, 3-5 years old, bred Angus, spring calvers; 13 cows, heavy bred **PLUS MORE BY SALE TIME**

Check our listings each week on our website at [www.fandrive.com](http://www.fandrive.com)

