



## New highway signs continue the '1 Kansas Farmer Feeds...' mission

The familiar grocery sack signs along Kansas highways, a long-time project of Kansas Agri-Women, are now being reinvigorated with the recent installation of five new signs.

The signs read: "1 Kansas Farmer Feeds More than 155 People + YOU!" It's a simple message that is the cornerstone of Kansas Agri-Women's mission, which is to connect producers and consumers through understanding.

Kansas Agri-Women was founded in 1974 and one of its original members Jeanne Mertz was the visionary behind the sign project. The first sign, which was hand-painted by Thomas Signs of Manhattan in 1977, was placed on her property. Thomas Signs has supported the project since the beginning, later installing vinyl signs.

"We lost a true visionary in 2017 on the passing of Jeanne Mertz. She helped show the impact



The highway signs that read "1 Kansas Farmer Feeds More than 155 People + YOU!" is a long-time advocacy project of Kansas Agri-Women. Here is one of the newest signs, installed recently on U.S. Highway 75 southbound between Beto Junction and New Strawn.

our organization could have on spreading the message of agriculture," says Lori Bammerlin, Kansas Agri-Women president.

Upon Jeanne's passing, the Mertz family set up a sign memorial fund to go toward replacing and installing signs. You can see the newest signs at these locations:

- I-470 Turnpike near the Tonganoxie Exit, both eastbound and westbound sides of the interstate

- Highway 75 near the Carbondale exit, both northbound and southbound sides of the highway

- Highway 75 southbound between Beto Junction and New Strawn

The signs on Highway 75 near the Carbondale exit are on the property of Wanda and Darrel Kinney. Wanda has been a member of Kansas Agri-Women for 40 years and one of her signs was installed when Jeanne Mertz was president of the national

organization, American Agri-Women.

"We're so pleased to have the signs on our property. We're very proud of our business and industry of helping feed America and the world by raising both grains and cattle," Wanda says.

### Donate to the Highway Sign Fund

KAW is continuing the Mertz Memorial Grocery Sack Sign Fund to go toward replacing and installing signs statewide. Join their efforts to recognize the impact of Kansas farmers and ranchers by going to [www.ksagriwom-en.org](http://www.ksagriwom-en.org).

### More History

The sign project was conceived in the fall of 1977 when Harold and Jeanne Mertz drove to San Angelo, Texas, to purchase livestock. Along the miles of highways, they noted billboards advertising everything except the land they stood on. In Jeanne's words, "Looking at these signs made

me wonder why agriculture wasn't advertising its commodities."

When they returned home, she contacted some of the United Farm Wives of America (UFWA) leaders and asked them if they thought UFWA could undertake a project promoting the farm commodities in our state. They took the idea to their board and the project was underway. UFWA later was named Kansas Agri-Women.

The first sign was installed in the spring of 1978. This project has had a strong and influential history, but it has not been without the support of two important partners: Thomas Sign Company and landowners. Thomas Sign Company hand-painted the original signs in 1978, and have continued to do maintenance and replace signs. And, landowners have generously offered to host signs on their properties.

## Farm issues key in Kansas Republican congressional race

(AP) - A commercial real estate broker from Salina who ran for Congress ten years ago and an eye surgeon from Finney County are trying to draw attention to themselves and distinctions from one another ahead of an August Republican primary that's likely to decide who will win Kansas' 1st District seat.

The two candidates with the most active campaigns, Tracey Mann, a real estate broker who was briefly lieutenant governor, and Bill Clifford, a doctor, U.S. Air Force veteran and Finney County commissioner, are both anti-abortion, pro-gun and say they plan to support President Donald Trump's policies. So voters will be looking at other issues to differentiate the candidates who seek to replace Rep. Roger Marshall, who's running for the U.S. Senate.

The candidate with the most votes will face the winner of the Democratic primary in November. The seat hasn't been won by a Democrat since 1952. It's one of the nation's most Republican congressional districts and has elected three congressmen who went on to become U.S. senators over the past 50 years.

The Aug. 4 primary is "Mann's to lose," said Patrick Miller, a University of Kansas political scientist, but he added that Clifford could make the race competitive if he "puts himself on people's radar."

The 1st District's congressperson is expected to represent Kansas on the House Agriculture Committee, a

post former Rep. Tim Huelskamp lost after clashes with former House Speaker John Boehner and other GOP leaders. The removal caused local farm groups to turn against Huelskamp before he was ousted in 2016 by Marshall, who gained a seat on the committee.

The state's main farm lobby, the Kansas Farm Bureau, endorsed Mann last month. That endorsement is "probably the most important endorsement any (1st Congressional District) candidate can get," said Bob Beatty, a Washburn University political scientist.

Other candidates on the primary ballot are Jerry Molstad, a physician's assistant, and Michael Soetaert, who listed himself as a reverend. The Democratic candidates are Kali Barnett, an author and music teacher, and Christy Davis, a former nonprofit executive director.

Mann has been increasing his profile in the area since his failed effort in the GOP primary for the seat in 2010, former Kansas GOP chairman Kelly Arnold said.

"He did extremely well in that primary. He raised a lot of money, made a lot of inroads with people across the district, but ultimately, with a five-way primary, with basically five heavy-hitters, the vote split on that," Arnold said.

Mann's April campaign finance reports showed he received \$548,667 in total contributions. Clifford's reports showed total contributions of \$703,678, including \$435,000 he loaned the campaign.

"A lot of people would say that Tracey Mann is in a good position, but if Clifford is able to put a lot of resources in, he can make it competitive," Beatty said. "If Clifford doesn't do anything, I would guess Tracey Mann wins because of such high name recognition, but Clifford is already doing what he needs to be doing at this point."

Some Republican voters have already made up their minds. Celia Beymer, a GOP activist from Kearny County, is supporting Mann, who was born and raised on a family farm. Clifford may be "talented with the knife on the eye," Beymer said, referring to Clifford's background as an ophthalmologist, but she doesn't like his lack of an agricultural background.

"He's not a farmer for crying out loud," she said.

State Rep. Don Hineman, a Dighton Republican, and former Kansas Senate President Steve Morris, a Hugoton Republican, are supporting Clifford, who removed both their cataracts.

"I just know him better and I just know his background and I'm retired Air Force also," Morris said.

Hineman is backing Clifford partly due to his "age and experience and maturity," but he said he still thinks Mann, if elected, would "do a great job for the Big First."

"I don't think you can go wrong either way. I have confidence in both candidates," Hineman said.

## Kansas Wheat wraps up Harvest Report series

July 14 was the final day of the 2020 Kansas Wheat Harvest Reports, brought to you by the Kansas Wheat Commission, Kansas Association of Wheat Growers and the Kansas Grain and Feed Association.

According to the USDA's National Agricultural Statistics Service, for the week ending July 12, 2020, Kansas winter wheat harvested was 95%, well ahead of 75% last year, and ahead of 90% for the five-year average.

Erik Lange, senior vice president and chief operating officer for MKC, says this year's bushel intake was down slightly, but it was also what they expected. Early on they had expected a little less than normal, but they were fortunate enough to have

great grain fill conditions in late spring and early summer. This helped offset the freeze damage and other things. Harvest this year started about a week and a half later than normal.

South Central was one of the bright spots. Summer, Sedgwick and Harper counties produced good test weights. Proteins were average or slightly below average, about 10½ to 11%.

Central counties were a little lower quality than South Central. They had hot, dry weather late in the filling season, which hurt the test weight a bit. There was also a much-needed rain that came through, but it hurt the crop at the same time. Test weights were averaging 59½ pounds per bushel, making it slightly below average. Protein levels were in the range of 9 to 13½%.

Lange reported that North and South Central regions are about 99% done with harvest. The Rice County area, at the west end of the trade territory, had a couple rain events, and they are still waiting to finish cutting some mud holes.

Dell Princ, manager of Midway Co-op in Osborne County, reported that harvest began on June 18, which was on time. This area took a hit this year with bushels down to 63% of last year due to freeze damage in the spring.

He said the wheat in the southern part of the territory was the best during harvest, but as time went on and harvest moved north, the wheat began to drop in condition.

Overall yields averaged 35 to 40 bushels per acre. In the southern counties they were bringing in 70-bushel wheat, due to great weather conditions and good harvest. The northern counties harvested 15-30 bushels per acre, stemming back to the spring where they were faced harsh weather and freeze damage.

Protein levels were ranging anywhere from upper 11s to upper 12s, with about 98% of harvest finished. This year's final numbers were below average compared to the outstanding numbers from last year.

Jeanne Falk Jones, multi-county specialist in K-State's Northwest Research-Extension Center, reported that this year's crop had a lot of variability, and trying to get the wheat crop established and going last fall was a little harder than anticipated. In Northwest Kansas, the wheat crop took one of the larger hits this year in terms of establishing a stand and also when it came to getting seeds into the ground.

"We just really struggled last fall with getting wheat into the ground. It was almost like there was a line on the calendar to draw the first week of October, for trying to get a good stand," she said.

The spring weather during the beginning of April brought in cold temperatures that slowed some of the wheat down. Another event that took a toll on the wheat was during the middle of April. This year larger, more developed wheat was able to

hold some more heat down in the bottom, helping it survive the cold spells in April. The smaller wheat took it harder, slowing development anywhere from a couple of days to a couple of weeks.

Those two cold events were sure defining parts in the wheat development this spring," she said.

Harvest this year in some cases has already

come to an end thanks to great harvest conditions and no rain. They are anywhere from completely done to a week in a half until they are finished.

• Cont. on page 3

## Still getting the job done



Max Keller, Hunter, fired up his dad's Massey Harris 35 combine to finish harvesting the last of the 2020 wheat crop.

Photo by Kally Keller





## Voting for Agriculture

By Glenn Brunkow, Pottawatomie County farmer and rancher

Judging by my mailbox, TV and social media, we are in the silly season of politics. Yes, the August primary is drawing near and the last, final and, in some cases, desperate push for your vote is happening. This year is a critical year for those of us in agriculture to make sure ag-friendly candidates are

elected. I would also make the case that for those of you not involved in agriculture it is in your best interest as a consumer of food to elect ag-friendly candidates.

I know you are as overwhelmed by information and claims from candidates as I am. It is hard to cut out the noise and disinformation to figure out what is the truth and where the candidates

stand on issues important to your business and livelihood. If there was only some way to find out who the friendliest candidates to agriculture are... well, you are in luck, we have a list of candidates endorsed by our Voters Organized To Elect Farm Bureau Friends (VOTE FBF).

This is a committee of ten Farm Bureau members elected to serve on the board from each district in the state. They weigh information sent to them from each of the county Farm Bureaus, look at the voting records of incumbents and information provided by candidates to determine which of the potential legislators has

agriculture's best interest in mind. I have witnessed the process firsthand, and I can tell you quite a lot goes into each selection. The committee has an incredible success rate, with more than 90 percent of our endorsed candidates being elected.

First, the information is gleaned at the county level. Each county has the opportunity to weigh in on candidates in their area. I know the board gives this information a great deal of weight. Then the voting records on issues critical to agriculture are considered. Each candidate is evaluated on how closely they aligned to policy developed from our grass-

roots, member-driven system. Then, after several meetings and hours of deliberation, decisions are made on which candidate to give the highly coveted Kansas Farm Bureau endorsement to. Often the endorsement means more to the candidates than any monetary donations we may give to their campaign.

I would ask you also do your homework and decide which candidate to vote for on your own. However, when doing this, make sure to check the list put out by VOTE FBF by going to [www.kfb.org/votefbf](http://www.kfb.org/votefbf). Again, I cannot tell you just how important the upcoming primary and

the general election are for our nation and for agriculture. We need to make sure the right people are elected.

Equally as important is ensuring you exercise your right to vote for the candidate of your choice. Our nation depends on its citizens making informed decisions and voting. So come Aug. 4, do your patriotic duty, and make your voice heard.

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

# KFB announces endorsements for Kansas House, Senate races

Kansas Farm Bureau's Voters Organized to Elect Farm Bureau Friends (VOTE FBF) Political Action Committee has announced its primary election candidate endorsements for state races in Kansas for the Aug. 4 primary. Since 1993, VOTE FBF has endorsed and supported candidates for public office who support farming and ranching and rural Kansas.

"We are proud to represent our members as the Voice of Agriculture, and we believe our grassroots-driven endorsement process does just that," says Rich Felts, Kansas Farm Bureau president. "County Farm Bureau boards across the state have been working for months talking to and vetting candidates. Their

voices are reflected in the endorsements VOTE FBF has made."

Kansas Farm Bureau encourages Kansans to support these VOTE FBF-endorsed candidates and continue to research candidates in races where no endorsements have been made as we work to elect a vote for agriculture.

"We're encouraging our members to consider voting by mail-in ballot," Felts says. "It's simple, effective and eliminates any uncertainty about how 105 Kansas counties can effectively manage a complicated election process in our current circumstances. For more information about mail-in voting, contact your county election official."

This announcement fol-

lows VOTE FBF's previously released choices for federal races where it endorsed Roger Marshall for U.S. Senate, Tracey Mann (R-KS 1), Jake LaTurner (R-KS 2) and Rep. Ron Estes (R-KS 4).

The following is Kansas Farm Bureau VOTE FBF's state House endorsement list:

### District Candidate

- 1 Michael Houser
- 2 Kenneth Collins
- 4 Trevor Jacobs
- 5 Mark Samsel
- 6 Clifford Blackmore
- 7 Richard Proehl
- 8 Chris Croft
- 9 Kent Thompson
- 11 Jim Kelly
- 12 Doug Blex
- 13 Joe Newland
- 14 Charlotte Esau
- 15 John Toplikar
- 16 Rashard Young
- 20 Jan Kessinger

- 21 Bob Reese
- 26 Adam Thomas
- 27 Sean Tarwater
- 30 Laura Williams
- 33 Tom Burroughs
- 39 Owen Donohoe
- 40 David French
- 42 Jim Karleskint
- 43 Bill Sutton
- 47 Ronald Ellis
- 48 Terry Frederick
- 49 Megan Lynn
- 50 Fred Patton
- 51 Ron Highland
- 52 Jesse Borjon
- 54 Ken Corbet
- 56 Tim Clothier
- 59 Blaine Finch
- 60 Mark Schreiber
- 61 Francis Awerkamp
- 62 Randy Garber
- 63 John Eplee
- 64 Suzi Carlson
- 65 Lonnie Clark
- 66 Sydney Carlin
- 68 Dave Baker
- 69 Clarke Sanders
- 70 John Barker
- 71 Diana Dierks
- 73 Les Mason
- 74 Stephen Owens
- 75 Will Carpenter
- 76 Eric Smith
- 77 Kristey Williams

- 78 Ron Ryckman
- 79 Cheryl Helmer
- 81 Blake Carpenter
- 82 Jesse Burris
- 83 Henry Helgerson
- 92 Susan Estes
- 89 K.C. Ohaebosim
- 90 Steve Huebert
- 91 Emil Bergquist
- 92 John Carmichael
- 93 Brian Bergkamp
- 94 Leo Delperdang
- 95 Tom Sawyer
- 97 Nick Hoheisel
- 98 Ron Howard
- 99 Susan Humphries
- 100 Dan Hawkins
- 101 Joe Seiwert
- 102 Jason Probst
- 103 Ponka-We Victors
- 104 Paul Waggoner
- 105 Brenda Landwehr
- 107 Susan Concannon
- 108 Steven Johnson
- 109 Troy Waymaster
- 110 Ken Rahjes
- 111 Barb Wasinger
- 112 Tory Arnberger
- 113 Donna Hoener-Queal
- 115 Boyd Orr
- 116 Kyle Hoffman
- 117 Leonard Mastroni
- 118 Jim Minnix

- 119 Brad Ralph
- 120 Adam Smith
- 121 John Resman
- 122 Russ Jennings
- 123 John Wheeler
- 124 Marty Long
- 125 Shannon Francis

### The following is Kansas Farm Bureau VOTE FBF's state Senate endorsement list:

- District Candidate
- 1 Dennis Pyle
- 3 Willie Dove
- 5 Kevin Braun
- 7 Laura McConwell
- 8 James Todd
- 9 Julia Lynn
- 10 Mike Thompson
- 11 John Skubal
- 12 Caryn Tyson
- 13 Richard Hilderbrand
- 14 Bruce Givens
- 15 Dan Goddard
- 16 Ty Masterson
- 17 Jeff Longbine
- 20 Eric Rucker
- 21 Tom Bickimer
- 23 Rob Olson
- 24 Randall Hardy
- 26 Dan Kerschen
- 27 Gene Suellentrop
- 28 Mike Peterson
- 30 Renee Erickson
- 31 Carolyn McGinn
- 32 Larry Alley
- 33 Mary Jo Taylor
- 34 Ed Berger
- 35 Richard Wilborn
- 36 Elaine Bowers
- 37 Molly Baumgardner
- 38 Bud Estes
- 39 John Doll
- 40 Rick Billinger



by Glenn Brunkow

This past weekend we visited North Dakota because my son is spending the summer as an intern on a ranch. It's been a good opportunity for him to learn other ways of doing things and see a part of the world he might not have otherwise gotten to see. It also gave Jennifer and I a reason to travel to North Dakota and see some country that I had never seen before. My idea of an ideal vacation is driving the countryside and looking at the agriculture and landscape, and this trip did not disappoint. I am proud to say that we drove up and back and never once drove a mile of interstate.

I thoroughly enjoyed driving the ranch and seeing the land and cattle Isaac is working with this summer and meeting his bosses and co-workers. It's nice to have an idea of places when he tells us about his experiences. While we were there, we decided to go to a rodeo his boss was bulldogging in and that proved to be the highlight of the trip for me, but maybe not for the reasons you would think.

We were excited to go to the rodeo because all the rodeos around us are canceled, and who does not enjoy a good rodeo? We got to the rodeo arena, located on the outskirts of the town and the area around the arena served as the parking lot. A hodgepodge of trucks, trailers, cars, and SUVs parked on the prairie grass, some clean town cars and others that carried the dust and grime of country living. The crowd too was a mix of people, different ages, backgrounds, and ethnicities. In the air was the smell of rodeo and hamburgers on the grill and I could hear conversations about kids, cows, and life in general. I knew a grand total of five people, but I felt very at home.

There was a panoramic view beyond the arena that featured grass as far as you could see and a blue sky with puffy white clouds. In the distance was a field with bales and a tractor and baler parked. A gentle wind stirred the warm air and the night was starting to cool off. It had been months since I felt this relaxed and at ease. It was a feeling, a time and place that I wish I could have saved and shared with each of you. That was when I had my moment of peace that I had been seeking for these past couple of months.

It started with a tribute to a fallen community member, a cowboy and someone who I had nevermet. His grandson led the riderless horse in, all

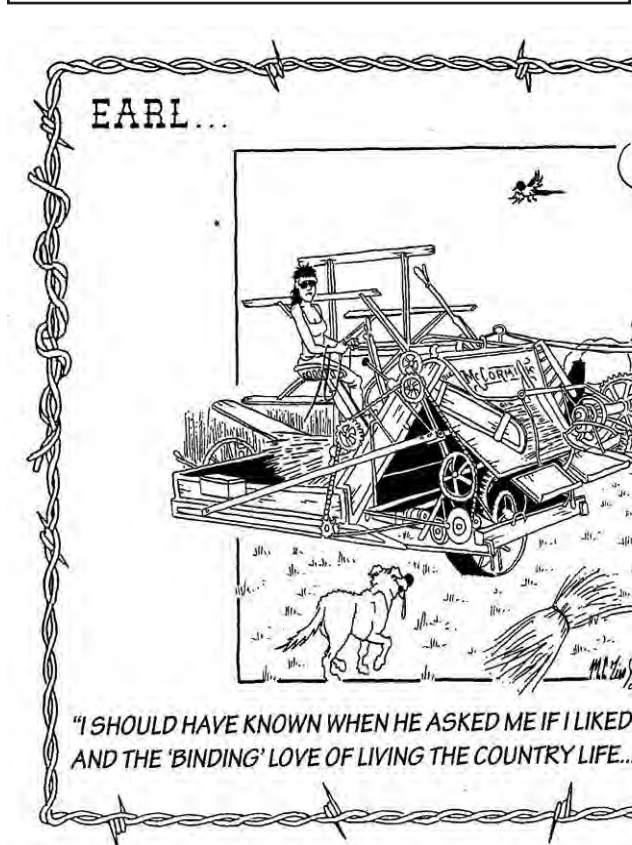
the time looking straight ahead and swallowing hard. Then came a tribute to our service members and emergency providers. The rodeo queen rode out carrying our flag and as she made her way around the arena everyone took their hats off out of respect for the flag and all it stands for.

Not one person knelt for the singing of our national anthem; everyone focused on the flag waving in the middle of the arena. I suspect many were singing along. It was a simple version, no extra pauses, or notes, just the National Anthem. When the singer finished there was just a moment of quiet and the rodeo announcer led us all in a prayer. Again, not one person was disrespectful of the eloquent prayer offered up giving thanks and asking for safety.

For one moment everyone in that crowd was one and was unified. I do not tell this story to make a political statement, in fact; I would say that what I was feeling was anything but political at that very moment. We all respected the flag and the anthem for what they represented and that was a nation made up of many peoples who had held steady, worked for a better tomorrow and persevered through tough times and periods of turmoil. We have made mistakes along the way, learned from them, and have bettered ourselves because of them. That should be celebrated, not hidden in shame.

We have not always been perfect or gotten everything right, but it was because of the sacrifice made by those of who came before us that we are here and have everything we have. The flag and the anthem symbolize that, and you will not convince me otherwise nor will you make me want to hide it. It is easy to watch the news, read things on the internet or listen to the radio and wonder just what our world is coming to. That was where I was before this weekend.

Again, my purpose in sharing this is not to be controversial or political in any manner, I am just sharing my feelings and thoughts. I will never agree with disrespecting our flag or wanting to do away with our national anthem. In my mind they are symbols of the journey we have all taken to build this great nation. Sacrifices made by people of every ethnicity, economic class, and religious belief. That sacrifice is a reason for reverence and honor. That is what they did, and it did my heart and soul good.



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[gandgeditor@agpress.com](mailto:gandgeditor@agpress.com)

— Advertising Staff —  
 Kurtis Geisler, Shelby Mall  
[kurtis@agpress.com](mailto:kurtis@agpress.com), [shelby@agpress.com](mailto:shelby@agpress.com)

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# KLA announces 2020 candidate endorsements

The KLA Political Action Council (PAC) and KLA Board of Directors recently made candidate endorsements for the August 4 primary election. Below is a list of candidates endorsed by KLA who have a contested primary race. Candidates with uncontested primary election races were not considered for endorsement in the primary.

KLA endorses candidates who understand and have a record of supporting the organization's legislative positions, Kansas agriculture and specifically the livestock industry.

Member feedback is used when developing endorsements that typically favor proven incumbent legislators.

Members of KLA PAC will meet again after the primary to develop candidate recommendations for the KLA Board of Directors to approve before the November 3 general election. KLA members are encouraged to call staff with feedback or questions on candidates running for state or federal office.

Funds used for KLA PAC contributions are from voluntary donations given by members. No

dues revenue is used.

- U.S. Senate: Dr. Roger Marshall, Great Bend
- U.S. House of Representatives:
  - 4th District, Ron Estes, Wichita
  - Kansas Senate:
    - District 11, John Skubal, Overland Park
    - District 14, Bruce Givens, El Dorado
    - District 15, Dan Goddard, Parsons
    - District 20, Eric Rucker, Topeka
    - District 23, Rob Olson, Olathe
    - District 24, Randall Hardy, Salina

- District 33, Mary Jo Taylor, Stafford
- District 34, Ed Berger, Hutchinson
- District 39, John Doll, Garden City
- Kansas House of Representatives:
  - District 5, Mark Samsel, Wellsville
  - District 8, Chris Croft, Overland Park
  - District 9, Kent Thompson, La Harpe
  - District 18, Cathy Gordon, Shawnee
  - District 20, Jan Kessinger, Overland Park
  - District 32, Pam Curtis, Kansas City
  - District 51, Ron High-

- land, Wamego
- District 59, Blaine Finch, Ottawa
- District 70, John Barker, Abilene
- District 76, Eric Smith, Burlington
- District 82, Jesse Burris, Mulvane
- District 93, J.C. Moore,

- Haysville
- District 97, Nick Hoheisel, Wichita
- District 106, Lisa Moser, Wheaton
- District 115, Boyd Orr, Fowler
- District 124, Marty Long, Ulysses

## Renew Kansas Biofuels Association endorses Congressman Roger Marshall for Senate



Congressman Dr. Roger Marshall (center) visits Kansas Ethanol LLC in Lyons in 2019.

Renew Kansas Biofuels Association is endorsing Congressman Roger Marshall, M.D., for the United States Senate. Marshall, co-chairman of the Congressional Biofuels Caucus, has shown steadfast support of renewable fuels since his election to the United States House of Representatives in 2016.

"Dr. Marshall has continually shown his ability to be a leader and positive voice for biofuels in Washington, D.C.," said Lyle Schlyer, Renew Kansas Chairman and Presi-

dent of Pratt Energy LLC. "It is crucial the biofuels industry, and all of agribusiness, support a trusted ally to step into Sen. Pat Roberts' seat."

Most recently, Marshall introduced the Clean Fuels Deployment Act of 2020, a bill providing grant funding for installing and converting fuel pump infrastructure to deliver higher blends of ethanol and biodiesel in Kansas. The legislation would authorize \$600 million over six years for the Department of Transportation to

provide grants that will incentivize the deployment of fueling infrastructure for ethanol and biodiesel, with a focus on ethanol blends greater than 10 percent and biodiesel blends greater than 20 percent.

"Since Day One, no member of Congress has fought harder for the Kansas biofuels industry than Dr. Roger Marshall,"

### Kansas Wheat wraps up Harvest Report series

• Cont. from page 1 with variability across.

Yields and test weights have been all over the board. Yields are ranging from 25-30 bushels per acre all the way up to 60 bushels. This year the crop did not have the support from Mother Nature to become established like it usually would. Some farmers are feeling good with their averages as they look back at the weather they faced. Due to heavy winds for five to eight days, test weights were showing anywhere from low 50s up to 60 pounds. Protein levels are overall higher compared to other years, ranging from below 10% to 14%.

The 2020 Harvest Report was brought to you by the Kansas Wheat Commission, Kansas Association of Wheat Growers and the Kansas Grain and Feed Association. To follow along with harvest updates on Twitter, use # wheatharvest20. Tag us at @kansaswheat on Facebook, Instagram and Twitter to share your harvest story and photos.

### ASA now seeking nominations for annual soy recognition awards

The American Soybean Association (ASA) wants to recognize exceptional soy volunteers and leaders—and we need your help. During ASA's annual awards banquet, individuals will be recognized and honored for state association volunteerism, distinguished leadership achievements and long-term, significant contributions to the soybean industry. The nomination period is open through Oct. 24, 2020.

The Recognition Awards categories are:

- Outstanding State Volunteer Award - recognizes the dedication and contributions of individuals who have given at least three years of volunteer service in any area of the state soybean association operation.
- ASA Distinguished Leadership Award - distinguished and visionary leadership of ASA or a state soybean association is recognized with this award to either a soybean grower-leader or association staff leader with at least five years of leadership service.
- ASA Pinnacle Award - an industry-wide recognition of those individuals who have demonstrated the highest level of contribution and lifetime leadership within the soybean family and industry.

For more information and to submit nominations, visit the ASA website.

All nominations must be received online, no later than Monday, Oct. 24, 2020. No nominations by telephone, email or fax will be accepted. A judging committee will be assigned to make the final selections.

Recipients will receive their awards at the ASA Awards Banquet on Friday, March 5, 2021, in San Antonio, Texas at Commodity Classic.

Renew Kansas president and CEO Ron Seeber said. "Not only is Roger Marshall the best choice for U.S. Senate, he is the only choice."

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## ATTENTION 4H & FFA MEMBERS: WE WANT YOUR 2020 FAIR PROJECT PHOTOS!

COVID has altered the way fairs are being done this year. If you completed a project in any category, regardless of whether you were able to take it to the fair, please send us a photo to publish in the Grass & Grain Youth Project Showcase!

Include your name, age, county, and 4-H club you belong to, as well as a brief description of the project. Photos will all be published throughout the summer.

Email your photos and information to the editor at [gandgeditor@agpress.com](mailto:gandgeditor@agpress.com)

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# GRASS & GRAIN Our Daily Bread

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

Susan Schrick, Hiawatha, Wins Weekly Grass & Grain Recipe Contest & Prize  
 Winner Susan Schrick, Hiawatha:  
**LEMON ZUCCHINI BARS**

1 1/4 cups white sugar  
 1 cup oil  
 3 eggs  
 1/3 cup lemon juice  
 2 1/4 cups flour  
 1/4 teaspoon baking powder  
 2 teaspoons baking soda  
 1 teaspoon salt  
 1 tablespoon cinnamon  
 2 cups shredded zucchini  
**Frosting:**  
 2 cups powdered sugar  
 1/4 cup lemon juice  
 Mix the sugar, oil, eggs and lemon juice. Add the flour, baking powder, baking soda, salt, cinnamon and zucchini. Pour into a greased 9-by-13-inch pan. Bake at 350 degrees for 40-45 minutes. Combine frosting ingredients and drizzle on top when bars are cooled.  
 \*\*\*\*\*

Mary Hedberg, Clifton:  
**STRAWBERRY CRUSH**  
 2 cups frozen strawberries  
 1/2 cup crushed pineapple  
 1/2 cup water  
 1/2 medium banana  
 6 tablespoons sugar  
 1/4 cup lemon juice  
 2 tablespoons honey  
 Combine and blend all ingredients in a blender and serve.  
 \*\*\*\*\*

Loretta Shepard, Helena, Oklahoma:  
**GREAT REFRIGERATOR PICKLES**  
 5 1/2 cups sliced cucumbers  
 1 1/2 tablespoons Kosher salt  
 1 onion, sliced  
 1 cup sugar  
 1 cup white vinegar

1/2 cup apple cider vinegar  
 1/4 cup light brown sugar  
 1 1/2 teaspoons mustard seed  
 1/2 teaspoon celery seed  
 1/8 teaspoon ground turmeric  
 Combine cucumbers and Kosher salt in a large shallow bowl; cover and chill 1 1/2 hours. Put cucumbers in a colander and rinse thoroughly under cold water. Drain well. Return to bowl and toss with sliced onion. In a small pan combine sugar, vinegar, brown sugar, mustard seed, celery seed, and turmeric. Heat and stir until sugar is dissolved. Pour hot vinegar mixture over cucumbers and let stand at room temperature for 1 hour. Cover and refrigerate. Store in air-tight container up to 1 month.  
 \*\*\*\*\*

Kimberly Edwards, Stillwater, Oklahoma:  
**PEACH COBBLER**  
 1/2 cup butter  
 1 cup flour  
 2 cups sugar, divided  
 1 tablespoon baking powder  
 Pinch salt  
 1 cup milk  
 4 cups sliced peaches  
 Melt butter in pan. Mix flour, 1 cup sugar, baking powder, salt and milk. Pour over butter. Bring peaches and 1 cup sugar to a boil. Pour over batter in pan. Bake at 375 degrees for 40-45 minutes.  
 \*\*\*\*\*

Darlene Thomas, Delphos:  
**AMERICAN POT ROAST**  
 1/2 cup flour  
 1/2 teaspoon garlic powder  
 1/4 teaspoon black pepper  
 3- to 4-pound beef chuck roast, about 2 inches thick  
 1 tablespoon vegetable oil  
 1/2 cup teriyaki marinade & sauce  
 3 medium potatoes, quartered  
 Combine flour, garlic powder and pepper; reserve 1/4 cup. Coat both sides of meat with mixture. Brown meat on both sides in hot oil in Dutch oven or large skillet. Combine with teriyaki marinade & sauce and simmer 1 1/2 hours. Add potatoes around meat cover and simmer 30 minutes longer until potatoes are tender.  
 \*\*\*\*\*

Blend 1/4 cup reserved flour mixture and 1/2 cup water. Remove meat and potatoes; keep warm. Pour pan drippings into large measuring cup, skim off fat. Pour 2 1/2 cups drippings into skillet. Bring to boil. Stir in flour mixture. Cook stirring until gravy boils and thickens. Serve with sliced meat and potatoes. Makes 4 to 6 servings.  
 \*\*\*\*\*

Millie Conger, Tecumseh:  
**TACO CASSEROLE**  
 1 1/2 pounds ground beef  
 1/3 cup chopped onion  
 1 small can green chiles  
 1 can enchilada sauce  
 4 ounces cream cheese  
 1 bag Frito corn chips  
 8-ounce bag shredded cheese  
 1 cup shredded lettuce  
 1 fresh diced tomato  
 16 ounces salsa  
 8 ounces sour cream  
 Green onions, chopped  
 Brown hamburger and onion. Add green chiles, enchilada sauce and cream cheese. In a 9-by-13-inch pan repeat layers as follows: Fritos, meat mixture, shredded cheese. Bake at 350 degrees about 20 minutes or until cheese is bubbly. Top servings with lettuce, tomatoes, salsa, sour cream and cut up green onions if you like.  
 \*\*\*\*\*

Kellee George, Shawnee:  
**PINEAPPLE LEMONADE**  
 1 quart lemonade  
 2 cups pineapple juice  
 2 cups Sprite  
 Mix all together and chill.  
 \*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma:  
**ANGEL DESSERT**  
 1 angel food cake, cut into cubes  
 1 package vanilla instant pudding  
 1/2 cup milk  
 1 cup sour cream  
 1 can cherry pie filling  
 8 ounces Cool Whip  
 Place angel food cubes in a 9-by-13-inch pan. In a bowl mix pudding, milk and sour cream. Beat until smooth. Spoon pudding mixture over angel food cubes evenly. Spread Cool Whip over that. Spoon pie filling over top. Refrigerate.  
 \*\*\*\*\*



## Baking With Sugarbuns

By Michele Carlyon  
**Easter In July Rice Krispie Treats**

Much like the rest of the world, holidays for my family have not looked "normal," since everything with Covid started. When I was younger my great grandpa and great grandma always put a huge emphasis on getting together any chance we could. Generally, once a month we'd all come together for lunch at Stacey's, where it was completely necessary to watch your back if it was your birthday because there was no doubt that your nose was going to get buttered by someone in the restaurant or possibly by multiple people in the restaurant.

Holidays were another thing that they put a huge emphasis on bringing us all together for. As I have mentioned before, as the years have gone on, my mom took over the duty of Easter and she loves it. Everything from the meal to the egg hunt for the little ones to even the egg hunt for the big kids (all of us in our twenties and thirties), she lives for it. When Covid took out the option of Easter originally, my mom was bummed by it, but was adamant that we were still going to have our Easter at some point.

With lots of maneuvering and strategic planning to ensure a safe environment for everyone, she was able to make it happen this past weekend. The food wasn't the normal "Easter meal," but we were all together and for a few hours having some normal back to our lives. Instead of ham, we had hamburgers and hot dogs. Instead of mashed potatoes we had potato salad. Chips replaced some of the other sides and my fruit cups replaced pies.

There were of course some things that make Easter for us that couldn't be replaced, one of those being Jell-O jiggler eggs, which I couldn't honestly tell you if the kids or the big kids like them more. Angel food cake with strawberries was another

one that was a necessity, as was Rice Krispie Treats.

The weather might have been hotter, the food might have been different, the crowd might have been smaller and it might not have been our typical Easter, but for this year, it was the best Easter we could have asked for. We were surrounded by family, good food, laughter and love, the important things to us. Hopefully our next holiday will be back to "normal," but if not, I have no doubt that we will do what we always do and make it work!

**Rice Krispie Treats**  
 1/2 cup (1 stick) Parkay margarine  
 16-ounce bag miniature marshmallows  
 Rice Krispies cereal  
 Spray a 9-by-13-inch pan with butter spray. I swear Parkay makes all the difference in the world, but realistically you could use whatever butter/margarine you have on hand. Melt over medium-low heat, stirring frequently. Once butter is melted, add marshmallows. Stir until completely melted. Remove from heat and pour in Rice Krispies cereal until you have reached your perfect Rice Krispie cereal to marshmallow ratio. Once there, add about a 1/2 cup extra of the Rice Krispies cereal as the marshmallows will continue to settle and this will give them just a little bit of extra cereal to cling to. Pour the mixture into your greased pan and let cool. Once cooled ... or not, enjoy!

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

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## Berries: Their Benefits And How To Use Them

By Cindy Williams, District Extension Agent, FACS  
 Strawberries, blueberries, blackberries, boysenberries, huckleberries and more! Summer is a great time to stock up on

many fruits like berries and cash in on the many benefits they have for us. They are high sources of fiber, potassium, vitamins C and K, and manganese. These antioxidant-rich fruits protect the body the body from harmful agents that can damage cells and are a major source of disease and aging. Berries also protect against the damaging effects of physical stress on the body. Berries amazing benefits help to lower the risks of chronic disease such

as cancer, cardiovascular disease, diabetes and age-related mental decline. Scientist find it as no surprise that in nature animals naturally gravitate toward berries. These bright, juicy, naturally sweetened fruits also reduce oxidation in inflammation in the bodies tissues and boost immune response. Incorporating berries into your diet:

\* There are so many ways to use berries. Start your day with some berry

topped cereal or yogurt.

\* Grab a handful of berries as a power up snack.

\* Use in smoothies, salads, or in pancakes, muffins, and breads. Try your hand at berry pies, cobblers or turn overs.

\* Berries are a traditional jam and jelly ingredient, many vendors at farmers' market sell homemade products.

\* Do some research on preservation or ask your local extension office for updated, USDA information on safe preservation processes. We have several food preservation publications on preserving produce that include some updated, safe recipes. Ask for these publications at your local extension offices. There is no charge for these publications.

Keep portion sizes in mind when eating dried berries, which have higher concentrations of calories and sugar than fresh berries. One quarter cup or dried fruit is roughly equivalent to one-half cup of fresh fruit.

When you see fresh fruits and veggies out of season at the supermarket, they may have been picked unripe and shipped from distant places thus minimizing their nutrient content. When berries are out of season, it does not hurt to look into preserved canned or frozen berries. Remember to check the nutrition fact labels as some brands may contain added sugars.

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



## Cooking Suggestions For Those Working At Home Or Spending Weekends At Home

Depending on where you live, work, and play, any number of changes happened to your daily routines over the last few months. Initially, these changes impacted our lives in a major way. For many of us, this impact is continuing, but it may be felt in other areas of our life or in different ways. Cooking and physical exercise are two of these ways. Some of my previous articles have specifically addressed shopping and healthier choices. This article is going to be different, but I hope you find it helpful.

The idea for this article came after talking with a friend who I spent years working with in the food service industry. We were talking about how cooking is starting to become a chore. Additionally, we discussed how our habit of sitting more will affect our overall health. After this discussion, I began thinking about how to combine healthier cooking habits and increasing our physical activity. First off, when I say physical activity, I know many people think of walking, running, biking, etc. Although you can build those types of physical activity into your cooking routine, I am going to be describing just getting up and moving around every so often. This type of physical activity helps reduce many health issues including heart disease, diabetes, and depression, just to name a few. So what is it? I am glad you asked!

Research tells us very basic physical movements, like standing or walking for 5 minutes of every 30 minutes or hour of sitting significantly reduces health related risks of being inactive over long periods of time. Some preparation for cooking can be done during these 5-10 minute breaks. This way, the 45-minute meal prep and cook time many people dread at the end of the day, can be split across the day. By giving yourself extra time, it will allow you to work at your own pace and not feel rushed. Hopefully, this trick will make cooking feel like less of a chore.

To give you an example, I will use my own day and meal. Working from home means spending a lot of time sitting in front of a computer. To get some physical exercise and eat healthy, last weekend I planned dinner last night to be Chicken Alfredo with a salad. In my small breaks during the day, I chopped up the vegetables for the salad, made the Alfredo Sauce, and grilled the chicken. When it was time to start dinner, all I had to do was boil some pasta and put everything on the plate. It seemed a lot quicker since it was spread throughout the day. Also, the small breaks left me not feeling as stiff while I was working.

Although this sounds easy enough, like every other change, it takes time. I encourage you to try to cook throughout the day and see how it works. There is not a recommended time or way of doing this activity. Make it work for you. Everyone has different schedules, food needs, and physical limitations. Additionally, you can stretch your cooking skills and “pre-cook” for future meals. For example, I made more grilled chicken than I needed. I put the leftovers in the refrigerator so I can use it in another recipe later this week.

There are three important things to remember while cooking throughout the day. First, use it to balance your commitments (family, work, etc.) and your body's need for, and ability to, exercise. Second, keep food safety in mind. This includes not leaving items on the counter when your breaks are over. It also means to be sure and remember what you have made and not used. This way, the food does not go to waste. Finally, remember to enjoy yourself. If you find cooking or doing something the same way over and over again, try changing it up.

Please contact me to schedule an appointment or for more information, contact Tyler Johnson, tjohnson120@ksu.edu, or by calling 620-232-1930.



Home and Away

## Thankful To Have Survived Childhood

By Lou Ann Thomas

When I look back at my childhood I feel really fortunate to be alive. Childhood was a dangerous passage for my generation. Without regulations and recalls of our toys, apparel, furnishings and equipment, we were on our own to figure out what might harm or maim us.

For example, my cousins and I rode around in my grandfather's old Chrysler, which didn't have seat belts. But it did have a metal dashboard with pointy knobs sticking out of it. Not only were we not fastened in, but we crawled back and forth over the seats while grandpa drove. Grandpa wasn't texting while driving, however, swatting at free-roaming grandchildren had to be distracting.

Fortunately today's children have the Consumer Product Safety Commission to keep close tabs on their toys, equipment and apparel and warn of potential dangers. We learned what was dangerous by doing something and seeing how it turned out.

Sometimes I wonder if the CPSC can be a little too protective. The agency recently recalled two bicycles on the grounds that they present a “fall hazard.” Seems to me, if you ride a bike, you are in some danger of falling. I remember the day I put a new speedometer on my old blue Huffy bicycle. First thing I did was

head down the gravel road in front of my house to see how fast I could go. I had it revved up to close to 30 mph when the right pedal came loose and I shot over the handlebars onto my knees and elbows. I still have some gravel in my left arm to remind me of my reckless experiment with speed.

My bike was not recalled for having a pedal that could loosen at high speeds. In fact, while my mother cleaned my

wounds, dad carefully screwed the pedal back onto the bike and I was riding again by afternoon — at a much slower pace. I had learned the valuable lesson that too much speed could cause injury.

Before the CPSC was established, the only notices we received about our toys were our parents' warnings of dire consequences from our actions. You probably remember hearing things like, “Don't come running to me when you break your leg falling off those skates.”

I am so grateful to have survived childhood without strangling myself with the drawstrings of my hoodies, or choking on easily detachable snaps on my PJs. My peers and I wore Band-Aids on cuts and abrasions like badges of courage. In the process, we learned some valuable life lessons, like there were consequences to our choices and actions.

And I learned that when I fall, the best thing to do is clean my wounds and get right back up.

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# 2020 Primary Election Edition

## August 4<sup>th</sup>, 2020



### Ungerer running for Kansas House 106th District

Jon L. Ungerer, Marysville Republican, has announced his candidacy for the Kansas House 106th District. Ungerer said his legislative interests focus on maintaining agriculture and rural communities in Kansas and veterans' affairs. The district is represented by Bill Pannbacker, Washington Republican, who is not seeking

re-election. The 106th District covers Marshall, Washington and Republic counties and part of Jewell County. Ungerer and his wife Kathy live north of Marysville. Jon retired in January 2017 after working more than 30 years for the U.S. Department of Agriculture's Natural Resources Conservation Service. He is a 1986 graduate of Kansas State University with a degree in agronomy/range management. The Ungerers have three sons, James, Jeremiah and Jared. James and his wife Amie live in Topeka. James works as an area range conservationist for the NRCS in Manhattan, and Amie cares for their two children. Jeremiah lives in Hockley, Texas, where he is a merchandise planner of licensed

apparel at Academy Sports. Jared and Mackenzie Ungerer live in Alta, Iowa. Jared is a wind turbine technician for ALLETE Clean Energy, and Mackenzie cares for their two children. Ungerer said his political interest stems from childhood, when his father Jim Ungerer was state representative for ten years.

Jon's last position for the NRCS was the Lesser Prairie Chicken Initiative coordinator, which dealt with voluntary conservation to address a proposed Endangered Species Act listing. He said that experience and his 30-plus-year career in public service made him want to continue his service to the citizens of Kansas. Since retirement in 2017, Ungerer has been

the executive director for the Kansas Land Improvement Contractors Association. He is secretary for the Pony Express Museum board of directors and secretary for the Blackhaws Motorcycle Club. He is a member of the Sons of the American Legion and the American Legion Riders Post 163 and is an RSVP volunteer and delivers Meals on Wheels.

### USDA announces more than 1.2 million acres accepted in recent signup for Conservation Reserve Program Grasslands

The United States Department of Agriculture's (USDA) Farm Service Agency (FSA) has announced the acceptance of more than 1.2 million acres in the Conservation Reserve Program (CRP) Grasslands during the recent signup period that began March 16 and ended May 15. The number of acres offered during this signup period was 1.9 million acres, over three times the number offered during the last signup period in 2016. Through CRP Grasslands, farmers and ranchers can protect grasslands, rangelands and pastures while retaining the right to conduct common grazing practices, such as haying, mowing or harvesting seed from the enrolled land. Timing of some activities may be restricted by the primary nesting season of birds.

"This large and unprecedented enrollment is a reflection of the popularity and importance of CRP Grasslands," said State Executive Director David Schemm. "The program emphasizes support for grazing operations and plant and animal biodiversity while protecting land under the greatest threat of conversion or development." Participants will receive an annual rental payment and may receive up to 50 percent cost-share for establishing approved conservation practices. The duration of the CRP contract is ten or 15 years. FSA ranked offers using a number of factors, including existence of expiring CRP land, threat of conversion or development, existing grassland and predominance of native species cover and cost. The 2018 Farm Bill set aside not fewer than 2 million acres for CRP Grassland enrollment. On Oct. 1, 2020, grassland enrollment is expected to be 2.1 million acres. CRP is one of the largest conservation programs

at USDA. CRP marks its 35-year anniversary in 2020 with 21.9 million acres currently enrolled. For more information on CRP Grasslands, contact your local FSA county office or visit [fsa.usda.gov/crp](http://fsa.usda.gov/crp). To locate your local FSA office, visit [farmers.gov/service-locator](http://farmers.gov/service-locator). USDA Service Centers are open for business by phone appointment only, and field work will continue with appropriate social distancing. While program delivery staff will continue to come into the office, they will be working with producers by phone and using online tools whenever possible. All Service Center visitors wishing to conduct business with the FSA, Natural Resources Conservation Service or any other Service Center agency are required to call their Service Center to schedule a phone appointment. More information can be found at [farmers.gov/coronavirus](http://farmers.gov/coronavirus).

encouraged to take advantage current higher payment rates while the opportunity exists. Program payment rates are available on the Kansas NRCS website or producers can contact their local NRCS office for more information. Interested individuals can visit [MilfordWatershed.org](http://MilfordWatershed.org) for additional background information on Milford Lake, past HABs, general information about the RCPP as well as all the partners working to improve watershed.

### Milford Lake Watershed RCPP funding now available for producers

The Milford Lake Watershed Regional Conservation Partnership Program (RCPP) is a financial assistance program to help improve water quality conditions in the Milford Lake Watershed through implementation of nutrient management conservation practices. Applications for this project are now being accepted on a continuous basis. Harmful Algal Blooms

(HABs) have been an issue in Milford Lake for many years. To help improve nutrient management, producers are encouraged to take advantage of the continued funding opportunity and help reduce nutrient loss and loading of Milford Lake from runoff experienced during heavy precipitation events within the watershed. The Milford Lake Watershed RCPP includes portions

of Jewell, Republic, Washington, Mitchell, Cloud, Clay, Riley, Dickinson and Geary counties. During previous signup periods, RCPP contracts were written in Clay, Cloud, Jewell, Republic and Washington counties covering thousands of acres with conservation practices while allocating over half of the Farm Bill financial assistance available to produc-

ers through this program. Project funding is available through the Natural Resources Conservation Service (NRCS) Environmental Quality Incentives Program (EQIP) and non-federal project partners to implement practices such as: nutrient management; residue management; or cover crops to address water quality concerns with the goal to reduce the nutrient loading in the Milford watershed by 31,000 pounds of phosphorus annually. Producers considering any of these practices should visit their local USDA Service Center/County Conservation District office. RCPP program participants have found these resources to help improve their bottom line while maximizing the benefit of their conservation dollars. EQIP can provide a significant funding source for implementing new practices with project "core" practices being eligible for higher payment rates through RCPP partner contributions. Program payment rates can fluctuate on an annual basis so producers are

encouraged to take advantage current higher payment rates while the opportunity exists. Program payment rates are available on the Kansas NRCS website or producers can contact their local NRCS office for more information. Interested individuals can visit [MilfordWatershed.org](http://MilfordWatershed.org) for additional background information on Milford Lake, past HABs, general information about the RCPP as well as all the partners working to improve watershed.

far north as central Arkansas as of early July (<https://corn.ipmpipe.org/southerncornrust/>). Disease scouting aids can be found in this recent KSU Agronomy eUpdate article: <https://bit.ly/3dPIwJH>. Post application scouting is valuable as well. Illinois corn fungicide trials suggest that a fungicide application would have been valuable if at least 5 percent of the ear leaf area is affected by disease at the end of the season. Product selection is important to manage fungicide resistance. Check out our news articles page at <https://www.meadowlark.k-state.edu/crops-soils/index.html> for references.



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During the course of my career I had a couple occasions where a critical part of my job was monitoring proposed rules and regulations published in the Federal Register. My charge in regards to this research was twofold:

- Evaluate proposed rules and regulations for their effect on agricultural operations and local economies.
- Educate agricultural producers and other affected interests on these proposed rules and regulations.

I worked directly with federal and state agencies and non-governmental organizations to advise, comment, and educate on how concerns related to these proposed rules and regulations could better be addressed through locally led efforts, decreasing impacts on our rural communities, economically and otherwise.

I believe this experience would prove invaluable to serving the rural communities of the 106<sup>th</sup> District and I hope I can EARN your vote on August 4<sup>th</sup> to work for YOU as your State Representative.

Website: <https://jonlungererforstaterepresentative.com/>  
 Facebook page: Jon L. Ungerer for State Representative 106th District  
 Phone: 785-221-8697  
 Email: [ksucatfish@att.net](mailto:ksucatfish@att.net)

July 15 - Advance voting in person and by mail begins  
 July 28 - Deadline for voters to apply for advance ballots by mail for primary  
 August 4 - Primary

Paid for by Jon L. Ungerer for State Representative, Kathleen M. Ungerer, Treasurer

### Fungicide applications to corn

By David G. Hallauer, Meadowlark District Extension agent, crops & soils/horticulture

With much of the corn crop tasseling, fungicide applications may be on your mind. Consider these points as you make your decision:

First, fungicide application research has shown that tassel/silk stage applications of fungicides are the most effective. Without disease pressure at those stages warranting an application, data does suggest later disease pressure can be economically addressed through R2 (approximately 12 days after silk when silks darken/dry out and kernels are white and blister-like in shape containing a clear fluid). R2 applications can

provide protection later in to the grain fill period as well, since fungicide efficacy tends to wane three to four weeks post application.

Second, consider hybrid susceptibility. Susceptible hybrids growing in conditions favoring disease will likely respond well to a fungicide. A resistant hybrid in conditions not favorable to disease likely won't respond at all. Know your genetics. Look at weather and disease forecast models. The trend thus far has been hot and dry. Check out weather models to see if that will continue. As a point of reference, southern corn rust has stayed predominantly in the southeast part of the country, but has been found as

far north as central Arkansas as of early July (<https://corn.ipmpipe.org/southerncornrust/>).

Disease scouting aids can be found in this recent KSU Agronomy eUpdate article: <https://bit.ly/3dPIwJH>. Post application scouting is valuable as well. Illinois corn fungicide trials suggest that a fungicide application would have been valuable if at least 5 percent of the ear leaf area is affected by disease at the end of the season. Product selection is important to manage fungicide resistance. Check out our news articles page at <https://www.meadowlark.k-state.edu/crops-soils/index.html> for references.

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# Moser focuses on being intentional in bid for District 106 House seat

By Lisa Moser

Now less than a month away from the August 4th primary election, it seems a year or more since I announced my candidacy for the District 106 seat in the Kansas House of Representatives. The COVID epidemic has cast a cloud over life in ways that, prior to March 14, 2020, were unimaginable in this country.

I am honored to have met so many of you as I have crisscrossed the highways and byways of District 106. I have been intentional in my desire to meet you, despite the challenges of COVID distancing practices, to listen to your concerns, share in your experiences and your hopes and dreams for your children and grandchildren. I share many of those hopes and dreams.

Why did I decide to offer my life to public service now? The answer lies in being intentional. I can no longer resist the pull

toward an opportunity to make a difference for a great state and its people, especially my friends – old and new – in District 106. I am drawn to the opportunity to participate in the legislative process and advocate for you farmers, ranchers, small business owners, mothers, fathers, grandparents, veterans, and educators of District 106. Rural life is my life. Rural life doesn't need defending as much as it needs recognition as the incredible source of strength, endurance, perseverance, and satisfaction that it is.

Legislative challenges abound. I will appreciate your vote in the August 4th Republican primary. If elected to the Kansas House of Representatives, the top of my early priorities will be pro-life issues, including passage of the "Value Them Both" Amendment. I believe life is sacred – a gift from God. One's dignity comes not

from how one has lived or what one possesses. Dignity comes through understanding that one is first loved by God. I have witnessed this truth many times over, both in my volunteer work as a "baby rocker" at the Newborn Intensive Care Unit at Stormont Vail Hospital in Topeka and in my work at Good Shepherd Hospice House in Manhattan.

In addition to pro-life concerns, defense of U.S. Constitutional 2nd Amendment rights for Kansans will be of paramount importance. I strongly support our 2nd Amendment right to keep and bear arms. I will be intentional in my support for this and all rights guaranteed by our great Constitution of the United States.

Another priority will be to press for property tax reform. Agricultural life – farming, ranching, and agri-business – suffers from property tax burdens that are too heavy. I in-

tend to work to draft and support legislation that corrects this problem, made worse by reductions in business revenues and family incomes because of COVID lockdowns. The Kansas economy needs to be reopened and invigorated. We need to get people back to work.

In addition, I intend to address rural healthcare disparities, particularly access to mental health care in rural Kansas. I will be purposeful about addressing the needs of our veterans in this effort. Thirty percent of America's veterans live in rural communities. Suicide rates among rural veterans are 20% higher than among veterans in urban communities. We must care for those who have sacrificed for our freedom.

I was born in Marshall County, just north of Lillis. When I was young, my family moved to north central Nemaha County to live on a farm that has been in

our family for more than 100 years. After marrying my husband, a short stint on a North Dakota ranch, and eight years on a ranch in Jackson County, Kansas, we moved to Marshall County and have lived here since 1994. We raised our three children here. Our son is invested in our family ranching and livestock production business. One daughter resides in Frankfort, and one daughter lives in western Kansas. All are married and intimately connected to rural life in Kansas agriculture. My husband and I were intentional in sharing our ranch life with our children, inviting them into our day to day operations when they were old enough to participate. My husband and I eagerly await the birth of our tenth grandchild, due in August.

I am grateful for campaign endorsements from the Republican primary by Kansans for Life,

the Kansas Chamber of Commerce, Kansas Livestock Association, Kansas Grain and Feed Association, Kansas Agribusiness Retailers Association and the Kansas Cooperative Council. Endorsements express organizational approval of my candidacy, nothing more. I have also been endorsed by former District 106 representative Sharon Schwartz. I am not bound to any special interest groups. That is not how I operate.

My candidacy for the District 106 seat in the Kansas House of Representatives is about being intentional. I offer my skills in service to district constituents and look forward to an opportunity to represent your interests, advocate for your concerns, and bring about positive change for rural Kansans.

Veteran suicide rates: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3496440/>

# Soil Health Partnership releases Cover Crop Planting Report

The Soil Health Partnership's Cover Crop Planting Report shows that farmers are using diverse strategies to plant cover crops and a variety of plant species to accomplish their soil health goals.

SHP is the flagship sustainability program of the National Corn Growers Association. They conducted a detailed survey on cover crops with more than 80 farmers across 11 states in the SHP network about cover crop usage on their trial sites in the fall of 2019.

"We know farmers in our network are innovators, and that there is a huge range of cover crop management practices across our network depending on the farmer's management goals, where they are located,

their soils, and cropping systems," said Dr. Maria Bowman, lead scientist for the Soil Health Partnership.

Bowman says the most significant finding was that although more than half of farmers planted their cover crops between the middle of September and the beginning of November, almost 40% planted before or after these dates. In addition, 25% of farmers responding to the survey interseeded or overseeded the cover crop

into a standing cash crop.

"This means that farmers are using a wide range of strategies to get cover crops out on their fields, especially in higher latitudes where there are timing and labor constraints to getting a cover crop in after harvest," said Bowman.

The intent is to provide SHP farmers as well as those outside the network context on cover crop usage, practices and cost. The dataset will help answer important questions

about what type of management practices lead to successful outcomes.

The most widely planted cover crop species was cereal rye. Of the farmers who planted a single species, 80% planted cereal rye, and it was also present in 50% of cover crop mixes.

"Cereal rye is popular because it produces a large amount of biomass, which can keep soil in place, scavenge residual nitrogen, or provide weed-suppressing residue

depending on the cover crop goals," said Jim Isermann, SHP Field Manager in Illinois and Wisconsin. "It also is winter-hardy, allowing for a wide planting window, relatively easy to chemically terminate, and seed is rather cheap."

Fifty-three percent of farmers reported planting a cover crop mix of two or more species. The five most popular species in mixes included in order: cereal rye, oats, rapeseed, radish and clover.

When it comes to cost,

the median cost of cover crop seed was \$15 per acre and to apply it was \$12 per acre. Those costs vary according to the mix and seeding method used.

Additional data are being collected this year to see how the cover crops developed and the impact on agronomic outcomes for the 2020 cash crop.

The entire SHP Cover Crop Planting Survey Report can be downloaded at <https://bit.ly/CoverCropReport>.

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*Paid for by "Bruce Givens for Senate" – Larry Hibbard, Treasurer*

ProLife ★ ProAg ★ ProKansas  
**LISA MOSER**  
REPUBLICAN FOR LEGISLATURE



**Who is Lisa Moser?**

- 38 years of marriage and ranching with my husband, Harry Moser
- Beef seedstock and commercial producer
- Mother of 3, Nana to 9
- I believe in giving back and serving: 22 years of hospice involvement; 9 years of puppy donations to the service dog organization CARES in Concordia, KS; Board Member of Livestock & Meat Industry Council, KSU Department of Animal Sciences & Industry

**Lisa is ProLife, ProAg, ProKansas:**

- Lisa is unapologetically ProLife, and will vote at every opportunity to protect life from conception through natural death
- Water issues, Broadband access, Fake Meat, Covid 19 disruptions-all require attention
- Lisa is a strong supporter of the 2nd Amendment of the U.S. Constitution
- Lisa is committed to positive conversations surrounding rural health care disparities, working toward more positive mental health care opportunities, and addressing tax concerns of constituents

*"A vote for Lisa Moser is a vote for a candidate that will work hard and support our family and rural values."*  
**Sharon Schwartz ~ Former Representative 106th District**

**Mark Your Calendars**  
**Look for me at the following events, all subject to change based on Covid 19:**

- July 24 - "Meeting and Listening" gatherings are planned for:
  - ⇒ 10-11 AM Summerfield Community Building
  - ⇒ Noon-1 PM "Empty Cup" meeting room, 723 Broadway, Marysville
  - ⇒ 4:30-5:30 PM Axtell American Legion
- July 25 - Washington County Fair Parade & KLA Ribeye Meal, Washington
  - July 28 - 7 PM Clifton City Hall
  - July 29 - 7 PM Maag Park, in Jewell
  - July 30 - 4-H Beef Show, Republic County Fair

Please Check my website [www.moser4kshouse106.com](http://www.moser4kshouse106.com) or my Facebook page: **Moser 4 KS House 106** for updates

**Endorsed for the Primary Election by the following organizations:**  
**Kansans for Life PAC, Kansas Livestock Association, Kansas Chamber of Commerce, Kansas Grain & Feed Association, Kansas Agribusiness Retailers Association, Kansas Cooperative Council**

**A word about my endorsements**  
*I am honored to have been endorsed by Kansans for Life PAC for the 2020 primary election. I have always believed in the sanctity of human life and am determined to support life issues at every opportunity as your representative. The state agricultural and business associations that have endorsed me are grassroots, member-driven entities, many of which have members in District 106. I am gratified that they recognize my life experiences in owning and managing our family ranch.*

**"My goal is to use my Pro-Life values and my lifetime of experience in production agriculture in service to you, the constituents of District 106, representing your voices in the Kansas Legislature. I would appreciate your vote on August 4."** - Lisa Moser

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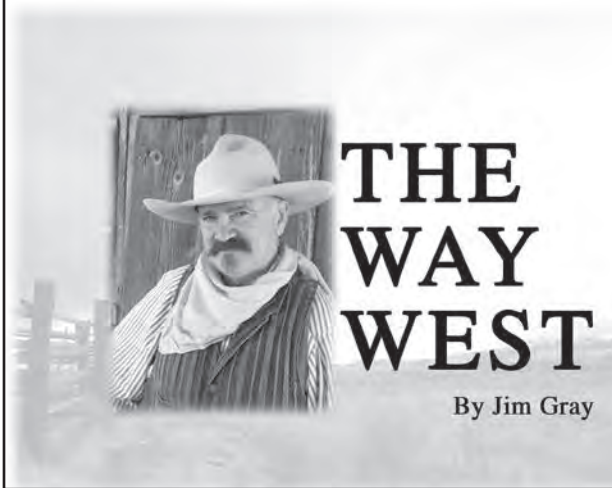
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# THE WAY WEST

By Jim Gray

## Vengeance on the Prairie

Medicine Water was a renowned Cheyenne warrior and head man of the Crooked Lance warrior society in the early 1800s. In battle Medicine Water wore a coat of Spanish armor that was made of "little iron scales" the size of half-dollars. Medicine Water's oldest son was Alights on a Cloud. The name was interpreted in different ways. George Bent called him Touching Cloud in the book

a Cloud in 1844 before he rode into a fight with a party of Delawares. Riding with a red blanket over the armor Alights on a Cloud galloped alone across the front of the Delaware riflemen. Bullets fell harmlessly off his armor until all the Delawares had emptied their rifles. Before the riflemen could reload the Cheyenne warriors overran and killed them.

Alights on a Cloud would later become a chief. In 1852, while scout-

ing for a Pawnee camp, he and a few companions were surprised by a large Pawnee hunting party. The Wolf People (Pawnee) called him Iron Shirt, as the source of his "magic" had become known among the tribes.

Even though the element of surprise was on their side, the Pawnees were unable to overcome the Cheyennes until an arrow from the bow of Carrying the Shield in Front pierced Alights on a Cloud in the eye. That changed the tide of battle and all the Cheyennes that were with Alights on a Cloud were killed.

Alights on a Cloud was very popular among his people. In The Fighting Cheyennes George Bird Grinnell described him as "generous, brave, and goodhearted." Talk of avenging the death of Alights on a Cloud as well as all the brave men who died with him took some time to emerge into a mission.

In the spring of 1853 the Cheyennes, Arapahos, Sioux, and others began to assemble on the head-

waters of the Republican River (present-day northeastern Colorado). Although other tribes allied with them, this would be a Cheyenne foray. Seven men were chosen to find the Pawnee camp under the leadership of Wood, a Fox Soldier chief. Traveling that day and most of the night the scouts stopped before dawn for a short sleep. Traveling throughout the next day the scouting party came upon the carcass of a buffalo killed with a Pawnee arrow.

Not far beyond the first carcass dozens of freshly killed and butchered buffalo were discovered. Just beyond the killing field they rode up a hill, dismounted and peered over the edge to see a few Pawnees riding over the next hill. They reckoned that the village was in the valley just beyond that hill and feeling they had accomplished their mission turned toward their home camp.

As they neared the Cheyenne camp, they met a young man out hunting and sent him ahead

of them to tell the camp they were returning. The scouts then formed into a single line with War Bonnet in the lead and Wood following far behind.

In the camp a great pile of buffalo chips was heaped in preparation for the war ceremony. The entire camp was alive with excitement as men gathered war medicine, shields, and painted their faces. Horses were saddled and painted for war. Young men galloped through the camp singing war songs and thrusting their shields in the air.

As the file of scouts approached, they occasionally howled like wolves celebrating a successful hunt. With each howl the rider stopped his horse and turned his head from side to side as though looking for his prey.

Men ran up to War Bonnet asking for news, but he replied, "My friend, who is coming behind, will tell you that." Each scout passed into the camp and formed a line behind the chiefs. Wood then rode in and reported that the Pawnees had been found.

The soldier societies gathered into their prospective bands and rode through the camp in a great procession, singing war songs and the songs of each society.

Yet, the battle was not eminent. Young boys and old men bathed the horses, removing the sacred war paint. Warriors returned the implements of war to their cases before everyone retired to their lodges for the night.

The next day, July 23, 1853, the camp was moved a half day's ride downstream. Once everything was in place all of the men, women, and children started toward the Pawnees. Tomorrow they planned to satisfy their vengeance on The Way West. (Next week - *Turning the Tide*)

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

# Unraveling the mystery of wheat herbicide tolerance

Genetically speaking, the loaf of bread you stress-baked during the COVID-19 shutdown is more complex than you think. Wheat's 16 billion genes, organized in not one but three semi-independent genomes, can overlap or substitute for one another, making things extremely tricky for geneticists trying to enhance desirable traits in the world's most widely grown crop.

One of those traits is herbicide tolerance. Many cereal crops, including wheat, have a natural ability to detoxify certain herbicides applied to weeds in their midst. Under optimal conditions, weeds die, but the crops stand tall. If scientists can identify the genes involved, they could potentially amplify

expression of those genes to make the detoxification process more effective under a range of environmental conditions.

In a new University of Illinois study published in *Scientific Reports*, scientists take advantage of wheat's flexible genetic makeup to identify chromosomal regions that help detoxify synthetic auxin herbicides.

"In the 1950s, scientists came up with a process called 'alien substitution' where you can replace chromosomes from one of the three wheat genomes with chromosomes from a wheat relative, such as *Aegilops searsii*. The chromosomes are similar enough that the plant can still grow and still looks pretty much like wheat,"

explains Dean Riechers, professor in the Department of Crop Sciences at Illinois and co-author on the study. "The benefit is that the relative might not have the same traits as wheat, so the alien substitution line will help pinpoint where genes of interest are located."

The method is now so commonplace in wheat research that scientists can simply obtain seeds for wheat plants with *Aegilops searsii* chromosomes, denoted as the S genome, subbing in for each of the seven wheat chromosomes across all three of its genomes (A, B, and D). These are known as alien substitution lines, and Riechers and doctoral student Olivia Obenland used them to determine that synthetic

auxin tolerance in wheat likely resides somewhere on chromosome 5A.

"Although the method is common for finding genes for pathogen resistance and other useful genes in wheat, ours is the only research group to have used this method to search for herbicide tolerance," Riechers says. "We've basically shortened the list from 21 chromosomes down to one, so now we know where to focus our future gene discovery efforts."

Obenland grew all 21 alien substitution lines in the greenhouse, along with wheat cultivar 'Chinese Spring' and *Aegilops searsii*, and sprayed them all with high rates of the synthetic auxin herbicide halauxifen-methyl. She

then compared the biomass of the treated plants to untreated controls.

The researchers expected and observed minimal injury in 'Chinese Spring,' thanks to its ability to naturally detoxify the chemical. But *Aegilops searsii* turned out to be highly sensitive to halauxifen-methyl, as were wheat plants with alien substitutions at chromosome 5A.

"By subbing 5A with the 5S chromosome of the alien species, we took away wheat's natural halauxifen-methyl tolerance and made it sensitive," Obenland says.

Plants with the substitution at chromosome 5B also showed some sensitivity, but only when the herbicide was applied at the highest rate. Although this means 5B likely possesses genes involved in synthetic auxin detoxification as well, the results so far point to 5A as the

key player. Interestingly, chromosome 5D in wheat's third (D) genome doesn't seem to play a major role, according to the research.

The next step is to scour chromosome 5A for specific genes that could be involved in herbicide tolerance. Obenland and Riechers are already working on it, and although they've identified some interesting genes related to those they've found in resistant waterhemp, they're not ready to release those results without further molecular tests.

"Ultimately, we hope to broaden and deepen our understanding of wheat's natural tolerance to halauxifen-methyl, as well as other synthetic auxin herbicides, and this is a great first step. And it is very satisfying to apply existing genetic tools to address a new scientific problem," Riechers says.

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When I was in high school, I was considered "Gifted." And "Talented." Yes, my family laughed, too.

My teacher, Claudette Thompson Webb, was one of the most amazing and inspiring people I ever met. She became my dear friend for life. In her World History class, we periodically left the history behind for meditation and creative exercises. I recall those exercises vividly.

We shut our eyes and imagined a house. We walked inside and opened the door to a room, then a second room, then a third

room. Each one of these rooms reflected an aspect of our personalities and vocation.

I remember this as clearly as it were yesterday.

The house was typical of those in the New River Valley of Virginia. Situated on a hillside, several steps led up to the front porch. I walked in the house and opened the first door on the right. It was a comfortable library, with floor to ceiling barrister bookshelves. There was a fireplace in one end, comfortable chairs, and books - beautiful books.

The second door I opened was a small room with sunlight streaming in the window. Stacks of newspapers and magazines and clippings covered an oak desk, shelves, and were stacked on the floor. There was just enough room to sit and read and clip.

The third room was a parlor, or living room, and there was a party in progress. It was not a raucous party, but happy people with a glass of wine in hand, enjoying intelligent conversations and the company of interesting people.

This vision sums up my passions so perfectly. It's just amazing what your mind and heart know if you listen.

*Deb Goodrich is the host of the Around Kansas TV show and the Garvey Texas Foundation Historian in Residence at the Fort Wallace Museum. She chairs the Santa Fe Trail 200, the bicentennial of the historic trail in 2021. Contact her at author.debgoodrich@gmail.com.*

# Too little water, too much heat puts tasseling corn at risk

Moderate drought for as little as five consecutive days can cause major damage in corn, according to University of Missouri Extension agronomist Bill Wiebold.

Unusually dry conditions come at a bad time for tasseling corn. The National Oceanic and Atmospheric Administration issued a drought early warning on July 7 for Missouri River Basin and much of the Midwest. Spotty rainfall and extreme heat is expected to exacerbate the situation.

Wiebold said that one of the big hazards to the crops is the hot nights. High nighttime temperatures increase respiration, which burns up sugars that corn plants make during the day.

Corn shows signs of stress when leaves roll as a defense mechanism when the plant tries to take up water and nutrients. Stressed plants are also more vulnerable to disease and insect damage.

According to Wiebold's research, the biggest risk for yield loss happens during the R1 silking growth stage. USDA's July 6 Crop Progress Report shows 21% of Missouri corn is in silking stage.

Drought can have two major effects on yield at this stage. First, drought slows the growth of silks as they lengthen under the husks. Silks may emerge from the end of the husks after the pollen sheds from the tassel. Although pollen sheds from tassels for three to seven days during R1, silks may miss some or all of the pollen. Each potential kernel (ovule) has a silk attached to it. When a pollen grain falls on a silk, it germinates, produces a pollen tube that grows the length of the silk and fertilizes the ovule.

The second effect is drying of the silk while the pollen tube grows through it. This can cause the silk to deteriorate and block the pollen tube. With either effect, the result is much smaller ears with fewer kernels.

In R2-R3, when initial kernel filling occurs, drought-stressed plants may abort kernels and produce smaller ears. In R4-R6, corn produces smaller kernels, lower ear weight and reduced test weight. Corn in V14-VT also faces medium to major damage.

High temperatures increase water evaporation, which aggravates drought stress. Leaf temperature may be high enough to damage enzymes needed for photosynthesis. Planting during wet conditions in dense claypan soils that hold water causes compaction, resulting in poor root development. Damaged roots cannot absorb enough water to meet plant demands.

# CoBank Quarterly: U.S. economic recovery hinges on virus control and consumer confidence

Rural industries are grappling with how to adjust their businesses to remain relevant and sustainable in the face of the coronavirus pandemic. Agricultural supply chains have been massively disrupted and lost revenue. Water and power suppliers have adapted as commercial customers went dark and demand shifted to residential customers.

According to a new quarterly report from CoBank's Knowledge Exchange, the recent rebound in the U.S. economy is real, but the sharpest post-shutdown economic gains are almost certainly behind us and a long grind to shore up a shaky economy lies ahead.

"Economic data prior to the recent resurgence of coronavirus cases has shown a consistent, steady improvement in the U.S. economy, coinciding with business re-openings," said Dan Kowalski, vice president of CoBank's Knowledge Exchange division. "But traditional economic data can go stale remarkably fast in the COVID era, making high-frequency economic indicators an essential tool. And those indicators are signaling a plateau, followed by a possible downshift in the economy."

Despite COVID-19, U.S. grain has been moving and basis has generally tightened since April 1. Wheat export activity has been strong and domestic demand has been healthy, as home-bound consumers buy more packaged food. China has been buying

U.S. grain, although the run rate is below the levels agreed upon in phase one of the trade deal. Sorghum exports to China have been especially robust; sorghum basis has tightened meaningfully in response to strong export demand.

Farm supply retailers benefited from a healthy spring agronomy season and are well-positioned for the remainder of the growing season. Crop progress has been above average amidst favorable weather. USDA rated around 70% of corn, soybean, and spring wheat crops as good-to-excellent in its June 29 report. A surprise ruling against dicamba could have long-term implications for crop protection sales and advice.

Ethanol production and margins began to recover during the second quarter as U.S. economies began to reopen. However, coronavirus is resurging in several states and renewed activity restrictions will potentially reduce driving and fuel demand. Looking ahead to 2021, ethanol fuel demand may recover to only 85%-90% of pre-COVID levels.

U.S. chicken plants endured far less COVID-19 disruption in the second quarter than beef or pork. The chicken sector swiftly filled retail meat cases when demand shifted from foodservice and the red meat supply dropped. While chicken producers have been able to manage through their production disruptions, demand and prices have been volatile. CoBank analysts expect

around 3% industry growth for the sector in 2020 as its value-proposition may appeal to U.S. consumers facing a difficult economic outlook.

Beef packing plant capacity fell to historic lows in late April, spiking the cutout value to record highs. Beef production and prices have now returned to pre-pandemic levels. Concern within the beef sector is now shifting from supply to demand. Food service traffic has improved, but many social distancing restrictions remain. This means ongoing challenges for the dine-in, full-service sector, which especially hurts the beef complex.

The pork industry has rebounded from a supply chain shock that saw U.S. production fall by nearly half, before climbing back to above prior-year levels two months later. Pork production in the last week of the quarter was up more than 10% above the same week a year ago as the industry is beginning to work through the backlog of hogs. Second quarter pork exports remained strong.

Dairy producers and processors struggled through extreme market volatility last quarter due to COVID-19. Milk, cheese, and butter prices fell to multi-year lows on steep losses in food service demand and record milk production. Cheddar block prices bounced to record highs on restaurant restocking, high demand from pizza chains, and government purchases. Milk and butter prices also re-

covered. Although, many farmers did not benefit from higher milk prices last quarter because of negative producer price differentials.

China took the headlines in cotton as the stand-out overseas buyer for the quarter, helping lift cotton prices from the multi-year lows in March and early April. As China strives to fulfill Phase One commitments, its imports of U.S. upland cotton at the end of June were up 50% over last year's pace, and outstanding sales of unshipped cotton more than quadrupled year-over-year.

COVID-19 continues to snarl supply chain logistics with specialty crops growers fearing further losses in food service demand as the pandemic resurges. Growers that have contracts with grocers and retailers have fared better. Domestic demand for tree nuts like almonds, walnuts, and pistachios has been robust as consumers stockpile shelf-stable foods. Another record large almond crop is expected as harvest begins in the weeks ahead, putting greater focus on the U.S. tree nut export pro-

gram.

Most rural telecommunications operators signed the FCC's Keep Americans Connected pledge, which includes not disconnecting service for customers that who cannot pay their bill due to COVID-19-related economic stress. Offering free service has strained rural operators' cash flow, which could impact future network build plans.

The U.S. energy sector is used to volatility in supply, but not profound changes in demand. For the first full month of COVID-19 stay-at-home advisories, April data shows U.S. electricity system peak demand levels hit 12-

month record-setting lows, with net electricity generation decreasing 6.7% year-over-year. Demand recovery to pre-pandemic levels will be slow and the longer road to recovery makes it more likely that structural change is inevitable.

The full quarterly report is available on co-bank.com. Each CoBank Quarterly provides updates and an outlook for the Global and U.S. Economic Environment; U.S. Agricultural Markets; Grains, Biofuels and Farm Supply; Animal Protein; Dairy; Other Crops; Specialty Crops and Rural Infrastructure Industries.

## AUCTION

**SATURDAY, JULY 25, 2020 \* MANHATTAN, KS**  
**\*\*FIRST LOCATION BEGINNING AT 8:30 AM\*\***  
**Kats Storage, 2151 Fort Riley Blvd, Manhattan, Kansas**  
*(Use Caution In Construction Zone)*  
**\*\*SECOND LOCATION APPROXIMATELY 11:00 AM\*\***  
**2412 Marlatt Avenue, Manhattan, Kansas**

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## Riley County 4-H'ers want to say THANKS for purchasing our Food and Livestock at the 2019 Riley County Fair Auction.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>A &amp; H Farm</li> <li>Addair Thurston Chtd - Tom Addair</li> <li>Ag Press/Grass &amp; Grain</li> <li>Anderes - Pfeiffly Funeral Home - Riley</li> <li>B104.7 - Manhattan Broadcasting</li> <li>BAM Excavation &amp; Trucking</li> <li>Baystone Financial Group - Evan Howe</li> <li>Blueville Nursery Inc</li> <li>Bob and Dannie Anderson</li> <li>Bob Sawyer</li> <li>Bob Whearty</li> <li>Bret and Laura Henderson</li> <li>Briggs Auto Group - Russell Briggs</li> <li>Bruna Implement Co - Clay Center/ Marysville/ Washington</li> <li>Carolyn Baugh</li> <li>Central National Bank of Manhattan</li> <li>Central Valley Ag</li> <li>Charlson &amp; Wilson Bonded Abstracters</li> <li>Citizen's State Bank - Waterville</li> <li>Clay Center Livestock Sales</li> <li>Clay Center Locker - Brad Dieckman</li> <li>Clifford &amp; Karen Spaeth</li> <li>Commerce Bank - Shawn Drew - Manhattan</li> <li>Cool Enterprises</li> <li>Copeland Insurance Agency of Riley/ Manhattan/ Wamego</li> <li>Courtney Henry</li> <li>Craig Kennedy</li> <li>Crossroads Real Estate</li> <li>Dalton Henry</li> <li>Danenberg Jewelers</li> <li>Dave &amp; Anita Nichols</li> <li>Deep Creek Appaloosa's - Charles &amp; Patricia King</li> <li>Dental Health Group LLP - Dr Jill Ellner</li> <li>Don's Tire and Supply Inc - Abilene</li> <li>Donnie and Jennifer Wilson</li> <li>Dr. Mark, Pamela &amp; Georgia Hatesohl</li> <li>Fancy Creek Charolais - Don &amp; Charlotte Olsen</li> <li>Film At Eleven Inc</li> <li>Fink Beef Genetics/Little Apple Brewery</li> <li>Fritzson Family - Orlin &amp; Sharon Fritzson</li> <li>Frontier Farm Credit Services</li> <li>Funk Riemann LLP</li> <li>Gambino's of Riley</li> <li>Gary Edwards CPA</li> <li>Glavan Ford</li> <li>GTB Custom Meats Inc - Troy Bailey</li> <li>Hagenmaier Family - Mike, Debbie, Jordan, Katie, Jacob, &amp; Grace</li> <li>Hank &amp; Vivian Ruckert</li> <li>Henry Farm - Terry &amp; Tammie Henry</li> <li>HyVee Food Store, Manhattan</li> <li>Irvine Ranch - Paul &amp; Mary Beth Irvine, John Irvine, &amp; Bernard Irvine</li> <li>Irvine Real Estate Inc - Paul, Mary Beth Irvine &amp; Marlene Irvine</li> <li>Jerry &amp; Garalyn Connery</li> <li>Jerusalem Road Parish</li> <li>Jim Feeney Agency</li> <li>John &amp; Karen McCulloh</li> <li>John Cline</li> <li>Judy Kimball</li> <li>Justin &amp; Kathy Ricketts</li> <li>KanEquip Inc - Wamego</li> <li>Kansas Financial Services - Dwight Johnson</li> <li>Kansas State Bank</li> </ul> | <ul style="list-style-type: none"> <li>Karen Ericson</li> <li>Kellstrom Pharmacy - Milka Goodlet</li> <li>Key Feeds - Fourth &amp; Pomeroy</li> <li>L Bar 3 Farms</li> <li>Larry &amp; Rita Henry</li> <li>Larson Construction Inc</li> <li>Leonardville Nursing Home</li> <li>Little Apple Vet Hospital</li> <li>Loren Henry</li> <li>Lynn Langvardt</li> <li>Mahaska Propane Inc</li> <li>Manhattan Commission Co Inc</li> <li>Manhattan Meat Market</li> <li>Manhattan Wrecker Service</li> <li>Marysville Livestock Auction Inc</li> <li>MB Supply - Marvin &amp; Integrity Windows - Rusty Berry</li> <li>McGraw's LLC - Nick Powers</li> <li>Meadowlark Hills</li> <li>Melvin &amp; Rae Jean Hunt</li> <li>Merck Animal Health</li> <li>Merry Maids - Manhattan</li> <li>Midland Exteriors - Jamie &amp; Danielle Musa</li> <li>Midwest Concrete - Manhattan</li> <li>Mike &amp; Sandy Kearns</li> <li>Mike Pachta Family</li> <li>Mike Winter</li> <li>Morrison, Frost, Olsen, Irvine &amp; Schwartz Attorney's</li> <li>Nelson's Landing - Kim Bailey &amp; Family</li> <li>People's State Bank</li> <li>Prairie Stone Inc</li> <li>Prairie Valley Veterinary Clinic - Dr. Don Musil, Dr. Robert Munson, Dr. Madeleine Dionne - Blue Rapids</li> <li>PrairieLand Partners - John Deere</li> <li>Reggie Olsen</li> <li>Richard and Carolyn Ellis</li> <li>Riley County Farm Bureau Assoc.</li> <li>Riley State Bank - Riley/Leonardville</li> <li>River Creek Farms - The Mertz Family</li> <li>Robbins Motor Company</li> <li>Rockin' S Ranch Supply - Leonardville</li> <li>Ron Wells</li> <li>Ruckert Realty &amp; Auction</li> <li>Shipman Livestock - David, Susan &amp; Reid Shipman</li> <li>Short Stop - Sam Liby</li> <li>Sink, Gordon &amp; Associates LLP Public Accountants</li> <li>Solution Services</li> <li>Steve and Debbie Somoso</li> <li>Straight Line Steel</li> <li>Streeter Family Businesses - Vista Drive In, Baskin Robbins</li> <li>Sydney Carlin</li> <li>Tall Grass Services - Vern Bulk</li> <li>The Riley Countian - Ken &amp; Donna Sullivan</li> <li>The Store - Leonardville</li> <li>The Trust Co of Manhattan</li> <li>Thermal Comfort Air Inc</li> <li>Thomas Kimball Family Trust - Judy Kimball</li> <li>Tindall Orthodontics - Dr Mark C Tindall</li> <li>Titon Trailer Manufacturing</li> <li>Tom &amp; Angel Oakley</li> <li>Tom &amp; Peggy Link</li> <li>TreeMan - MHK - Dave Schafer</li> <li>Troy Marple</li> <li>Wanklyn Oil - Frankfort - Pat Wanklyn</li> <li>Weddle and Sons Roofing</li> <li>Wendland Ag Repair - Josh Wendland</li> </ul> |
|---|--|

*Please join us for the 2020 Riley County 4-H Auction at 6:45 pm, Monday, July 27 at the Riley County Fairgrounds.*

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# Kansas to host first-ever Cowboy Poetry Youth Contest virtually

In 2020, the Kansas Cowboy Poetry Contest is sponsoring its first-ever youth cowboy poetry contest. Called the Youth Roundup, it is a virtual competition for Kansas cowboys and cowgirls 18 years old or younger.

"We invite 4-H and FFA members and other Kansas youth to enter, write and share a video of them presenting a cowboy poem," said poetry contest chair Ron Wilson of the Lazy T Ranch near Manhattan. "A cowboy poem is rhyming verse which tells a story or in some way relates to the life of the American cowboy," he added. There is no charge to enter.

The champion will receive a trophy buckle and the top three winners will receive a certificate signed by the Governor of Kansas and an educational scholarship. Each contestant is to write an original

western-themed poem and record a video of him or herself presenting it. That video will be submitted to a panel of judges for placing. There will also be an opportunity for the public to vote for their favorites online.

"We are so grateful for the sponsors' generosity which makes this possible: The Flint Hills Discovery Center Foundation, Kansas Farm Bureau, the International Western Music Association - Kansas Chapter, and the International Western Music Association - Western Wordsmiths Chapter," Wilson said.

Entry information can be found at [www.cowboypoeetryyouthroundup.com](http://www.cowboypoeetryyouthroundup.com). Videos must be submitted by August 15, 2020. Poems are to be original work. They can be serious or humorous. They will be evaluated based on qual-

ity, theme, and delivery. Examples and additional information can be found on the website.

First place will receive a \$500 scholarship, second \$300, and third \$200. The funds are to be used for post-secondary education or technical training. If the recipient is not scheduled to graduate this year or next, the funds will be held for the recipient's future use.

Contest committee members include Jeff Davidson of Eureka, Geff Dawson of Alma, Martha Farrell of Towanda, Orin Friesen of Benton, and Brad Hamilton of Hoyt. This year's adult cowboy poetry contest is being conducted virtually as well.

For more information on the youth contest, go to [www.cowboypoeetryyouthroundup.com](http://www.cowboypoeetryyouthroundup.com).

# RTK continues successful summer match challenge

On June 1, Ranchland Trust of Kansas (RTK) announced that combined donations made to the organization would be matched by BOK Financial up to \$5,000. Within the first two weeks, RTK reached the first \$5,000.

"RTK is so grateful for donations received during these unprecedented times. It means a lot to the organization to have such a successful campaign despite the Pre-Symphony cancellation," said RTK executive director Lynn Gentine.

The real estate management group at BOK Finan-

cial has the experience to help customers maximize earning potential from land, manage risk and plan for future generations. This team has more than 100 years of combined experience in managing farm and ranch assets held within trusts, estates, agencies and guardianships. They work closely with tenants to implement programs that will increase productivity and value, while also achieving clients' long-term goals for their land.

"We are honored to partner with Ranchland Trust of Kansas to provide the matching funds

for their 2020 fundraising efforts. We've been serving the state of Kansas for decades and are proud to support ranchers and conservation partners working to sustain the agricultural efforts for future generations," said Noel Fallon, BOK Financial, vice president, community relations manager.

BOK Financial is committed to helping customers realize the full potential of farm, ranch and land assets. They focus on delivering an exclusive combination of sophisticated strategies and local, personalized and responsive client service.

"BOK Financial has been a wonderful partner to help RTK continue the mission of the event. We could not have done this without them," said Gentine.

The challenge continues as the RTK Board of Directors increased the match by an additional \$3,000. Donations made to RTK through July now will be matched up to \$8,000!

# Ranch Management Field Days coming to Smith Center, Uniontown

The annual KLA/Kansas State University Ranch Management Field Day series is set to continue in 2020. Philip and Jessica Weltmer of W & S Ranch Inc. will host the first event August 13 near Smith Center. G-Three Cattle Company, owned and operated by the George family, will host the second field day August 18 near Uniontown in honor of the late Darrel George.

The events will include presentations on the history of each host operation and the practices being used today, as well as educational sessions and a beef dinner. Sponsors for the field days are the Farm Credit Associations of Kansas and Bayer Animal Health.

# ASA returns to roots on Aug. 4 to celebrate 100 years of advocating for soy growers

The American Soybean Association (ASA) will celebrate a century of soybean advocacy this summer with a return to the site where it all began.

ASA was formed when brothers Taylor, Noah and Finis Fouts hosted the first Corn Belt Soybean Field Day at their Soyland Farms operation in Camden, Indiana on Sept. 3, 1920. The event drew nearly 1,000 farmers and their families from six states, who were interested in discovering more about this emerging new commodity called soybeans. The National Soybean Growers' Association — later renamed the American Soybean Association — was formed that very day.

On Tuesday, Aug. 4, 2020, from 10 a.m. to 2 p.m., ASA, with special support from the Indiana Soybean Alliance, will host a 100th anniversary celebration and historical marker dedication at its birthplace on Fouts Soyland Farm in Camden.

The event kicks off at 10 a.m. with self-guided tours, including heirloom soybean plots and historic Fouts family machinery. Attendees can also see ASA history displays and pick up a complimentary copy of the commemorative history book, *American Soybean Association: Our First Soy Century 1920-2020*.

ASA director and 100th Anniversary host Kendall Culp (Ind.) will open the historical marker ceremony at 11 a.m., followed by a welcome from Elisha Modisett Kemp of the Fouts family. ASA president Bill Gordon (Minn.) and Past President Alan Kemper (Ind.) will provide remarks before Indiana Gov. Eric Holcomb unveils the historical marker.

After lunch, a special anniversary program hosted at noon by Master of Ceremonies Max Armstrong will feature a lineup of notable speakers including:

Ray Gaesser (Iowa),

ASA Past President and 100th Anniversary host David Rodibaugh, Chair, Indiana Soybean Alliance

Karen Plaut, Dean, College of Agriculture, Purdue University

Keynote Speaker: Steve Censky, Deputy Secretary, USDA

Attendees will also have the opportunity to see a video history of Fouts Family and Soyland Farm, in addition to a special musical performance of Growing Soybeans to Get Along, a song written by Taylor Fouts and sung at the first soybean event in 1920.

The event is free of charge; however, attendance is capped at 180, so those interested must register. For those who cannot make it in person, the event will also be live streamed.

For more information on the 100th anniversary of the American Soybean Association, visit [ASA-100Years.com](http://ASA-100Years.com).

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# The many uses of straw

**By James Coover, Crop Production Agent, Wildcat Extension District**

Straw... it's more than just the leftover from wheat harvest. This agricultural byproduct has a huge number of uses. While some are quite traditional like the bedding for animals and mulch in the garden, it can also be used as a quality cattle forage, heating fuel, in ethanol production, or even as a building material. Far from waste, straw has so many better uses than being burned in the field.

First, let's take a look at what straw is made of. Wheat straw is about four percent cellulose, 40 percent hemi-cellulose, and 15 percent lignin. The cellulose and some of the hemi-cellulose is what is digestible by cattle but the lignin is what keeps it all together. Hay has less lignin, usually less than 10%, while wood has more, usually over 25 percent. Wheat straw is somewhere in between hay and wood in structure content. Straw also has 11 lbs. of nitrogen, 3 lbs. of phosphorus, 15 lbs. of potassium, and 2 lbs. of sulfur per ton and the average wheat harvest leaves 2.5 tons of straw per acre. Nearly half of wheat straw is carbon. It's a far cry from alfalfa but burning in the field will take half of the nitrogen and sulfur and leave the

soil bare, risking erosion of soil with the phosphorus and potassium ash with it.

**Wheat Straw as a Cattle Forage**

Wheat straw must undergo an ammonization process before it is suitable to feed to livestock. The process is fairly simple to do. The straw bales are stacked up in a big pyramid and covered in airtight plastic. Anhydrous ammonia is then pumped into the stack and left to sit for two weeks to two months, depending on temperature. The ammonia reacts with the moisture in the bale and also works to break down the structure of the straw. This increases the digestibility 10 to 15 percent and the ammonia incorporated acts to increase the protein, making the ammoniated straw similar to hay. This processing of straw bales isn't common in this part of Kansas as we often have plenty of hay and there is some cost to the process, but it could be an important consideration during drought years. The Oklahoma Extension Service has a great publication describing this process in detail, "Ammonization of Low Quality Roughages - AFS-3037". It is important to note though that the ammonization process only works to improve low quality forage. It doesn't make good quality forage better,

it just makes it toxic.

**Wheat Straw as a Heating Source**

Wheat straw has a lot of heat energy potential in it. Depending on the moisture content, straw has 6,000 to 7,600 BTU per lb. That puts it nearly in line with soft firewood. It is possible to mechanically pack straw into logs to be used like regular firewood but special straw burners do exist to handle not only a few little square bales but also the big round bales. Straw bale burners, like wood burners, are around 40 to 65 percent efficient and this depends on the quality of the burner. While straw bale burners might not be as practical as outdoor wood burners for house heating, the big bale burners are often used in grain bin drying, calf or swine barn heating, or other industrial sized heating. With an average size straw round bale and decent efficiency, it's possible to get three million BTU out of a bale; the equivalent of 32 gallons of propane.

**Wheat Straw in Ethanol Production**

Wheat straw, corn stover, switchgrass, and others have been looked at for ethanol production. The process first involves hydrolysis with enzymes to convert the cellulose into sugars to be fermented, much like grain ethanol production. This research topic popular in the 2010s showed that it was a possible process but it was expensive to ship such a bulky byproduct at those volumes and not a great idea from the field soils point of view. For now, anyway, grain is just too cheap to consider others as byproducts. Encased in plywood or can be coated directly with stucco. Walls have to be built wider and it's very important the bales stay dry. While this construction type might seem odd, it's commonplace in eco-centric and dryer climates in the Southwest. A straw bale-constructed heated garage or shop might be a cheap and cool idea for this area.

If you have any questions about these topics, most likely ammonization of straw bales or other low quality forage, please give me a call at 620-724-8233 or email [jcoover@ksu.edu](mailto:jcoover@ksu.edu). K-State Research and Extension is always ready to help and answer your questions.

For more information, please contact James Coover, Crop Production Agent, [jcoover@ksu.edu](mailto:jcoover@ksu.edu) or (620) 724-8233.

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## \*\*\*AUCTION\*\*\*

**SATURDAY, JULY 25, 2020 — 9:00 AM**  
AUCTION LOCATION: 14918 NW 20th, BENTON, KS 67017  
Auction Directions: From Hwy. 254 & Butler Rd, North 5 miles on Butler Rd to NW 30th, East 1 mile on NW 30th to NW Prairie Creek, south 1 mile to auction site.

**FRANK & JANET DUVANEL RETIREMENT SALE**

**Vehicles:** '11 RAM 3500 Laramie Longhorn, Cummins, 76K mi. \* '97 Freightliner FLD 112, C-10 Cat Fuller 9 spd, day cab, 497K mi. \* '00 Ford 650 XLT, Super Duty, diesel, grain bed 102"x18", 280K mi. \* '93 International 4700, diesel w/Hoswell Model 96D, bale bed, 93K mi. \* '97 Jeep Wrangler Sport, 4.0L hard top, 124K mi. \* '85 Chevrolet Scottsdale K20 diesel 104K mi. **Motorcycle:** 1983 Honda Gold Wing GL. **ATV:** Honda Foreman ES 4x4. **Trailers:** '80 Blair cattle trailer 7'x22' gooseneck \* '98 TarasPort trailer 102"x50", 18" drop, spread axle \* '14 RW heavy duty utility trailer, 6'8"x20' \* '96 Trailman EZ Load Trailer, hyd. tilt, 8'x26', gooseneck, **Tractors, Skidsteer, Man-lift:** '69 JD 4000 diesel w/JD 740 loader, 3,226 hrs. \* '59 JD 830 \* '60 JD 730 \* '59 JD 630 \* '59 JD 530 \* '59 JD 430 \* '59 JD 330 \* Bobcat S185, cab heat & air, 1100 hrs. \* JLG Man Lift 40ic. **Guns:** Remington 1100 30.06 \* Winchester Model 1200 Skeet Winchester Model 1200 full choke \* Winchester Model 12 \* Remington 700 Winchester Model 37A \* Pittsfield 410 single \* Remington Model 572 22 \* Winchester Model 94 30-30 \* Remington 22 pump \* Remington 1760 30.06 \* Winchester Model 94 3030 \* Remington Model 760 30.06 \* American Gun Company double barrel 410 \* Smith & Wesson 357 Magnum-Revolver \* Winchester Model 370 20 ga \* Remington 870.

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Due to the uncertainty of recent events and the phases of re-opening, 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.

Always great online Equipment auctions — [www.purplewave.com](http://www.purplewave.com)

July 20 — 320 acres m/l of McPherson County farmland sold in 2 tracts held at McPherson for Jim & Cindy Cooprid. Auctioneers: Van Schmidt Auction, Farmers National Company.

July 21 — Online Real Estate auction - 3 tracts of land including Tract 1: 3 BR, 1 BA residence, newer shop and 5 acres; Tract 2: 74 acres m/l tillable land adjoining Tract 1; Tract 3: Combination of Tracts 1 & 2 at Burlington. Online at: [www.vaughnroth.com](http://www.vaughnroth.com). Auctioneers: Vaughn-Roth Land Brokers.

Internet only estate farm auction auction (bidding begins to close July 23, 6:30 PM) — including tractors, combine, skid steer & attachments, vehicles, livestock equipment, field equipment, miscellaneous, hay & household held online at [www.covenant.hibid.com](http://www.covenant.hibid.com). Auctioneers: Covenant Real Estate & Auction, LLC., Andy Conser.

July 25 — Farm equipment, vehicles, trailers, livestock & miscellaneous equipment, household held at Halstead for Seiler Trust and Donavan & Jo Marie Seiler. Auctioneers: Auction Specialists, Vern Koch & Mike Flavin.

July 25 — Vehicles, JD 720 tractor w/loader, Vermeer stump grinder, Swisher log splitter, household, antiques, tools, shop equipment & miscellaneous held at Lebanon for Norman & Charlotte Pletcher. Auctioneers: Gerald Zimmer Auction & Real Estate.

July 25 — 2002 Kubota Md MX5000 tractor w/ LA85 loader, 2013 Thor Class A motor home; Ferguson tractor, 8-10 guns & sporting goods, old coins, trailers, small machinery, shop tools, livestock equipment, lawn & garden held at Rosalia for a farm dispersal. Auctioneers: Chuck Korte Real Estate & Auction Service, Inc.

July 25 — 2 storage units full of tools, engines and shop items held at 1st location in Manhattan. 2nd location selling bumper hitch tandem axle car/implement trailer, generator on trailer, lawn & garden tools, shop & tool items, fence posts, greenhouse

frame & cover & lots more held at Manhattan (2 locations) for Stan Ehler Estate. Auctioneers: Gannon Real Estate & Auctions.

July 25 — Vehicles, motorcycle, ATV, trailers, tractors, skid steer, manlift, guns, tools, equipment & implements & much more held at Benton for Frank & Janet Duvanel retirement auction. Auctioneers: Sundgren Auction & Land Brokers, Joe Sundgren & Jeremy Sundgren.

July 25 — Tractors, trucks & farm machinery, telehandler, construction & woodworking equipment held near Burns for Jantz Carpentry, Ron & Kelley Jantz. Auctioneers: Van Schmidt Auctions.

July 25 — Real estate with 2BR, 1.75BA ranch-style home, storage shed, shop building; 2008 GMC Envoy SUV, furniture, appliances, antiques, guns, household, coins & stamps, shop items held at the North edge of Scott City for M.E. (Doc) Niendens Estate. Auctioneers: Berning Auction Co.

July 25 — Farm equipment, vehicles, antiques held Southwest of Barnes for Dennis & Judy Woerman. Auctioneers: Bott Realty & Auction.

July 25 — Annual July Consignment Auction consisting of 2000+ pieces of machinery held at Paris, Missouri. Auctioneers: Wheeler Auctions & Real Estate.

July 25 — Old vehicles, tractors, large power tools, shop supplies, stationary engine, miniature dozer, furniture & antiques held at Palmer for Leonard & Vivian Herrs. Auctioneers: Kretz Auction Service.

July 25 — 2015 Chevy Silverado crew cab 4x4, small tractors & 3 pt. equipment, trailers, metal lathe, shop tools & 34 guns held at Leroy for Kenneth & Sherry Garrett. Auctioneers: Kurtz Auction & Realty Service.

July 27 — 110 acres m/l of Marion County farmland with easy access held at Goessel. Auctioneers: Farmers National Company.

July 30 — Guns, jewelry, swords, knives, patio furniture, featherweight sewing machine, lawn & garden, RV items, shop items, furniture, antiques & collectibles & much more held at Emporia for Virginia "Ginny" Ferguson. Auctioneers: Hancock Auction & Real Estate, Paul Hancock & Jase Hubert.

July 30 — House, pickups, mower, tiller, household & miscellaneous at Miltonvale for Merlin Adeee Estate. Auctioneers: Clay County Real Estate, Greg Kretz, salesman &

auctioneer.

August 1 — Live & Online auction selling tractors, combines & accessories, trucks, trailers, cars, hay, feed & hay equipment, machinery, livestock equipment, shop & miscellaneous, household held Live at Netawaka & Online at Equipmentfacts.com for Delmer "Corky" & The Late Ruth Klahr. Auctioneers: Harris Auction Service ([www.holtonlive-stock.com](http://www.holtonlive-stock.com)).

August 1 — Tractors, farm equipment, some farm consignments from neighbors, horse drawn items, farm & livestock equipment, shop tools, construction supplies, guns & misc., household, collectibles & more held at Axtell for Nathan & Ellen Schrock/Harmony Hills Construction. Auctioneers: Morris Yoder Auctions.

August 1 — Antiques & collectibles at Hanover for the Heirs of Bill & Louise Dierking. Auctioneers: Bott Realty & Auction.

August 1 — 1958 Chevy truck, car trailer, lots of plumbing & heating & air supplies held at Wamego for Butler Plumbing, Dennis & Betty Butler, owners. Auctioneers: Kretz Auction Service.

August 8 — Tractors, tools & more tools, dump truck, trailers, anvil held southeast of Overbrook for Virgil & Sandy Deck. Auctioneers: Altic Auction Service.

August 8 — Jewelry, lamps, Indian items, toys, collectibles, showcases, 50 lamps, pottery & glassware & much more held at Salina for an Individual Collector. Auctioneers: Thummel Real Estate & Auction, LLC.

August 8 — Jeep, tractors, ATV, farm & shop equipment, blacksmithing tools, primitives held

South of Fairbury, Nebraska for Mrs. Bruce A. Junker. Auctioneers: Bott Realty & Auction.

August 8 — Contents and beam house (to be taken down and removed from property) held SW of Lindsborg for Hoffman Estate. Auctioneers: Wilson Realty & Auction Service.

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

August 9 — Large auction with lots of collectibles & glassware including pottery (Shawnee, Dryden, Frankoma, Red Wing, VanBriggle, Roseville & more), Flow blue, salt & peppers, refrigerator glass, Sandzen student painting & other paintings & prints, political buttons, cast iron banks, small coin collection, furniture & much more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

August 12 — 5,422 acres m/l of cropland & grass land located in Trego & Graham counties offered in 21 individual tracts (no combinations of any tracts) held at WaKeeney (online bidding available) for The Bank. Auctioneers: Farm & Ranch Realty, Inc., Neal Mann, listing agent, Donald Hazlett, broker/auctioneer.

August 15 — Tractors, combine, trucks, machinery, horse machinery, motorcycles, antiques, collectibles, tools & other held near Clay Center for Clarence & Marjorie Urban Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

August 15 — Farm auction held at Baldwin City (Vinland Fairgrounds) for J.C. Brown Estate. Auctioneers: Elston Auction Company.

August 15 — New Strawn Consignment auction including tractors, trucks, vehicles, farm & ranch equipment, lawn & garden, trailers, tools, building materials, farm misc. & more held at New Strawn. Auctioneers: Darwin Kurtz, Lyle Williams, Laverne Yoder; Richard

Newkirk, sales manager; Larry Hermon, asst. sales manager.

August 22 — Real Estate consisting of 3+ BR home with Morton Building & 2-car garage on 1 1/2 acres; plus dolls, collectibles, tools, mowers, vintage, furniture held at Burlingame for Patricia M. Dennison, Cindy S. Dennison, POA. Auctioneers: Miller & Midyett Real Estate & Wischropp Auctions.

August 22 — HD Lee collectibles, antique furniture, store tins & very large tin collection, advertising thermometers, glassware, art & pictures including Sandzen, Kreige, Fox & others; crocks, Singer toy sewing machine, electric train, dolls & more collectibles held at Salina for 2 local collectors. Auctioneers: Thummel Real Estate & Auction, LLC.

August 22 — 2008 PR Cruiser, Retro lighted juke box, furniture, large floor scale, household, holiday decor, collectibles, large trampoline held just west of Junction City for Thomas & Mary Ballowe Estate. Auctioneers: Gannon Real Estate & Auctions.

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

Holt. Auctioneers: Kretz Auction Service.

August 28 — Farm machinery, iron, shop tools & miscellaneous held near Herington for Duane Stroda. Auctioneers: Kretz Auction Service.

August 30 — Gun auction held at Salina. Auctioneers: Wilson Realty & Auction Service.

August 31 — Farm machinery, new skid steer, nice pickups & more at Clay Center for The Lorenz Karmann Estate. Auctioneers: Kretz Auction Service.

September 4 — 80 acres m/l acres Cottage Hill Cropland farm auction held at Waterville for Eugene E. Long Trust. Auctioneers: Olmsted's Auction.

September 19 — Household goods & collectibles at Clay Center for Betty (Mrs. Grant) Sump. Auctioneers: Kretz Auction Service.

October 10 — 1,400 acres m/l of Brown County land held at Hiawatha. Auctioneers: Midwest Land & Home.

October 28 — Fink Beef Genetics Production Sale held at Randolph. Contact Galen Fink at 785-532-9936.

December 5 — Consignment auction held at Wetmore for St. James Catholic Church. Early consignments contact Bill Burdick (785-547-5082) or Ron Burdick (785-207-0434).

## AUCTION REMINDER

SATURDAY, JULY 25, 2020 — 9:00 AM

Offering for sale at Public Auction, located at 15125 NW Boyer Rd., BURNS, KS. From Burns, 4 miles south.

TRACTORS, TRUCKS & FARM MACHINERY TELEHANDLER, CONSTRUCTION & WOODWORKING EQUIPMENT

JANTZ CARPENTRY

RON & KELLEY JANTZ, SELLERS

See last week's Grass & Grain for listings or go to [www.hillsborofreepress.com](http://www.hillsborofreepress.com)

VAN SCHMIDT • Auctioneer/Real Estate

7833 N. Spencer Road, Newton, KS 67114

620-367-3800 or 620-345-6879

Schmidt Clerks & Cashiers/Lunch provided by: Eden Mennonite Church Donations to Eli Parker Jantz

## ESTATE AUCTION

THURSDAY, JULY 30, 2020 — 5:30 PM

Due to death these items will sell at Public Auction at the residence located at 407 West 2nd Street in MILTONVALE, KS

REAL ESTATE (sells at 6:30): 407 W. 2nd St. A 1,212 sq. ft. 2BR wood frame house with crawl space. 2 car garage, breezeway and 9x25' utility shed. Please attend the OPEN HOUSE on Sunday, July 26th from 1:00 pm to 3:00 pm. The auction firm is working for the seller.

Selling at 6: PICKUPS (1988 GMC Sierra 1500 2WD, Ford F150 4x4), 16' bumper hitch UTILITY TRAILER, Hustler FasTrak 52" ZTR MOWER, Troybilt Pony rear tine TILLER, Speeco 20T pull type LOG SPLITTER. Selling 1st: GUNS, TOOLS & SHOP SUPPLIES. HOUSEHOLD GOODS & MISC.

NOTE: Social distancing and masks are encouraged.

CLERK: Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432

MERLYN ADEE ESTATE, SELLERS

See last week's Grass & Grain for more information & Go to [kretzauctions.com](http://kretzauctions.com) or [kansasauctions.net](http://kansasauctions.net)

for Pictures, Map & Any Additional Information or Updates.

Auction conducted by: Clay County Real Estate

Greg Kretz, Salesman & Auctioneer: (785) 630-0701

## AUCTION

SATURDAY, JULY 25, 2020 — 9:00 AM

SALE LOCATION: 201 Kansas Avenue — LEBANON, KANSAS

Selling will be: VEHICLES, JD 720 TRACTOR w/LOADER, VERMEER STUMP GRINDER, SWISHER LOG SPLITTER, HOUSEHOLD, ANTIQUES, TOOLS, SHOP EQUIPMENT & MISC.

SELLERS: NORMAN & CHARLOTTE PLETCHER

AUCTIONEER'S NOTE: This sale supports a large supply of mechanic's tools, woodworking tools, antiques and household goods. All in very good condition.

See our website for full sale bill & pictures:

[www.zauction-palace.com](http://www.zauction-palace.com)

Auction conducted by: GERALD ZIMMER AUCTION & REAL ESTATE

AUCTIONEER: Gerald Zimmer, Beloit, KS 67420

(785) 738-2010 (office) • (785) 738-2133 (residence)

(785) 738-8677 (cell) • email us at [gzare@nckcn.com](mailto:gzare@nckcn.com)

## AUCTION

SATURDAY, JULY 25, 2020 — 9:00 AM

Auction held at our home located at 116 N. Ohio Avenue in PALMER, KS. Behind the Bank of Palmer.

TRACTORS, ATV, VEHICLES, MACHINERY, ENGINES & ACCESS. 4 new 7.50x20 10 ply tires w/tubes & flaps. SHOP TOOLS & SUPPLIES. Hand tools & contents of a well-equipped metal & wood shop.

ANTIQUERAILROAD ENGINE, MINIATURE DOZER, YARD ITEMS, TIN & DIMENSION LUMBER, MISC.

NOTE: Social distancing and masks are encouraged.

CLERK: Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432

LEONARD & VIVIAN HERRS, SELLERS

See last week's Grass & Grain for listings & Go to [kretzauctions.com](http://kretzauctions.com) or [kansasauctions.net](http://kansasauctions.net)

for full list, pictures, map & any additional information.

Auction conducted by: Kretz Auction Service

Greg Kretz, Salesman & Auctioneer: (785) 630-0701

Guest Auctioneer: Randy Reynolds, Abilene, KS, 785-263-5627

## LAND AUCTION

110± Acres • Marion County, Kansas



Monday, July 27 • 9:00 AM

at the Wheat Building

200 North Poplar, Goessel, Kansas

• Good farmland with mostly Class III soils, clay loam, no fences

• Easily accessible via black top

County Road 120 east of Goessel



L-2000446

For property details, please contact:

Richard Boyles

Agent

Esbon, Kansas

Business: (785) 639-6285

[RBoyles@FarmersNational.com](mailto:RBoyles@FarmersNational.com)

[www.FarmersNational.com/](http://www.FarmersNational.com/)

RichardBoyles

Van Schmidt

Agent/Auctioneer

Newton, Kansas

Business: (620) 367-3800

[VSchmidt@FarmersNational.com](mailto:VSchmidt@FarmersNational.com)

[www.FarmersNational.com/](http://www.FarmersNational.com/)

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# ANNUAL JULY CONSIGNMENT AUCTION

Saturday, July 25 at 9 am

WHEELER AUCTIONS LOT, PARIS, MO



ACCEPTING CONSIGNMENTS

MONDAY, JULY 6 - THURSDAY, JULY 23 (UNTIL NOON)

LOADING HOURS - MONDAY - FRIDAY, 8 AM TO 5 PM

SATURDAY AND SUNDAY, 9 AM TO 3 PM

Watch for full listing and photos at [wheelerauctions.com](http://wheelerauctions.com)!

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