



## Virtual Wheat Field Day preps for harvest

*Editor's Note: This week kicks off our four-week Wheat Harvest series, sponsored by Hutchinson-Mayrath, Kansas Wheat, Bennington State Bank, FCS Manufacturing, People's State Bank, Blue Valley Trailer Sales and Rockin' S Ranch Supply. Ads for these sponsoring businesses, along with more wheat content, can be found on pages 6 and 7.*

**By Lucas Shivers**

A few cold spring nights in April made a lasting difference for summer wheat crops across Kansas, said Romulo Lollato, assistant professor with K-State Agronomy.

"A lot of the story of the Kansas crop this year resulted from the April freeze," said Lollato, K-State Research and Extension wheat specialist. "In fact, there were examples of thin areas where the freeze took its toll and the dry conditions didn't allow it to come back."

In terms of current wheat diseases forecasted across the state, Erick DeWolf, K-State plant pathologist, shared wheat variety plot data from across the state.

"Stripe rust is emerging as a potential threat to wheat crops this year with bright yellow regions on the leaves," DeWolf said. "These stripes occur because the fungus can grow within the plants, but not in the veins of the leaves. It grows along with the veins with long stripes. The orange color is from spores, which are like seeds of the fungus."

State-wide maps shared where striped rust appeared in the leaf canopy, and also parts where it was looked for but not found.

"There are hot spots in the central parts of the state," DeWolf said. "When stripe rust moves to the upper leaves, it is cause for concern. The upper leaves are so important to the yields of our crop."

### Virtual Field Day

To highlight wheat and disease conditions, K-State Research and Extension presented a virtual Wheat Field Day on May 27 and 28 on YouTube with more than 500 views by a series of researchers.

"During this time of year, we're generally out doing 50-60 wheat plot tours," said Lollato.

But this year rather than being face-to-face, researchers talked on YouTube to share the same information discussing the condition of the wheat crop. Due to the COVID-19 transitions, presenters shared results from a small wheat quality tour from May 19-21.

"Usually we have more than 100 people on the

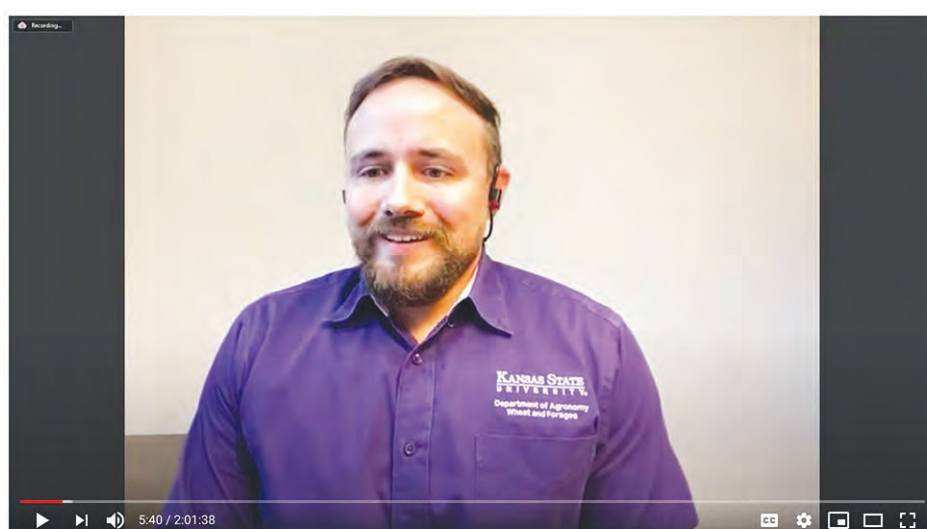
tour, but this year we had just a handful of people with help from agriculture agents on the 2,000 miles driven across the state of Kansas to get samples," Lollato said.

### Disease Prospects

Striped rust is on the move across Kansas.

"For some fields, there may be time for fungicide applications," DeWolf said. "Budgets are lean and we don't want any unnecessary inputs, but the discussion begins and ends with yield potential where areas are impacted by the drought and freeze."

A few other wheat diseases include septoria or speckled leaf blotch that look like specs of pepper. It is caused by splashing rain.



Wheat Field Days 2020 (Wednesday May 27, 2020 7:00 pm)

573 views • Streamed live on May 27, 2020

KSU assistant professor of agronomy Romulo Lollato discussed the effect of the spring freeze on the Kansas wheat crop during a virtual Wheat Field Day on May 27 and 28.

*Courtesy photos*

"Some dryland fields had around ten to fifteen bushels to the acre with of course the long-term drought stress. The irrigated fields are looking great and in good shape. But the dryland fields are short and stunted with compromised crops," Lollato said. "Farmers have many decisions to make with restrictions to crop rotation and chemicals."

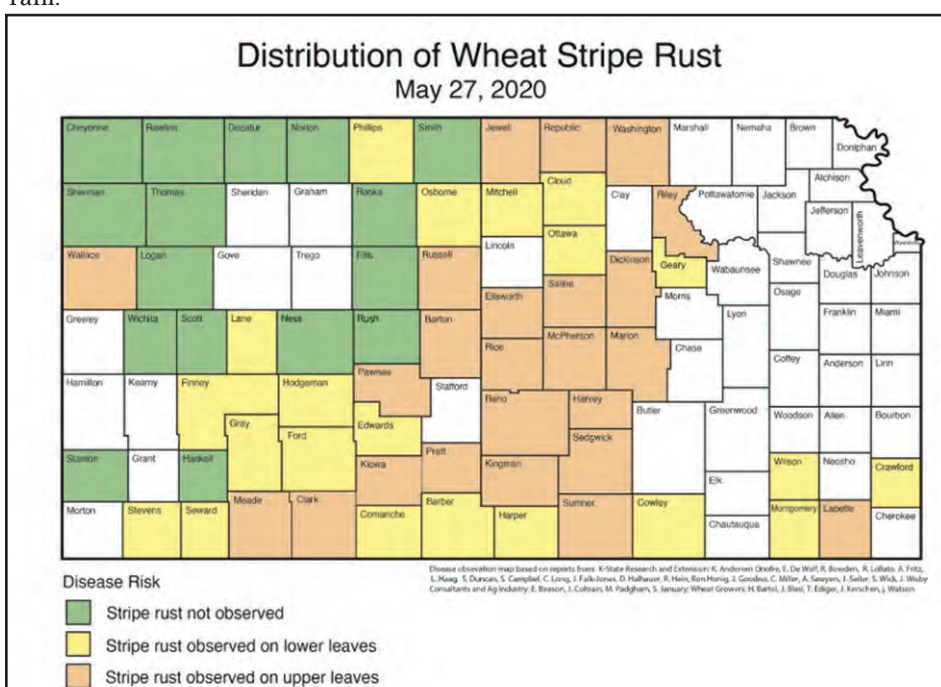
The total amount of participation from Sept. 1 to May 18 compared to the norm for Kansas.

"We were close to normal in the south central part of the state where it's looking good," said Lollato. "But the northern parts are much dryer. The conditions should improve with the recent rains after May 18."

### Management Factors

Characteristic	Eastern/Central	Western
Maturity	Medium or earlier	Medium-late or earlier
Height	Medium or shorter	Medium or taller
Drought tolerance	Moderately good or good	Good or excellent
Straw strength	Average or better	Average or better
Acid soil tolerance	Moderately tolerant or better	Not applicable

DeWolf and Lollato encouraged producers to select wheat varieties based on economic porosity as well as regional adaptability, among other factors.



Erick DeWolf, K-State plant pathologist, illustrated the emerging threat of stripe rust on this year's crop.

"When we do have conditions with more rainfall, speckled leaf blotch can move to upper leaves," DeWolf said. "On the upper leaves at the time of flower and heading, speckled leaf blotch can affect yields."

Leaf rust is an old enemy, and historically it was one of the state's top disease contenders before varieties mostly overcame leaf rust. It wasn't until scattered reports starting in 2017 that leaf rust made a resurgence.

"There's not as much as striped rust, but we keep an eye out for leaf rust," DeWolf said.

Wheat streak mosaic is not much of a concern this year. This viral disease is spread by wheat pearl mites and associated with nearby unmanaged wild or volunteer wheat fields with discoloration and stunting.

The big three diseases for western Kansas include stripe rust, leaf rust and wheat streak mosaic.

"We can look for ways to pick up varieties with genetic resistance to some of these," DeWolf said.

In central and eastern Kansas, there are more diverse disease risks with more rainfall and higher frequency of vulnerabilities.

"We know breeds are well suited for high levels of productivity with less pressure and susceptibility from diseases," DeWolf said.

### State-wide Profiles

Lollato and his team provided a brief overview of the 2020 Kansas wheat crop conditions with challenges and opportunities.

"In north central Kansas, we had a near-freeze event in mid-April that really hurt the crop," Lollato said.

Planting dates impacted the crop as conditions were worse for crops planted after soybeans. Wheat seemed to fare bet-

ter for crops planted earlier, Lollato said.

In the central part of the state, the team saw the highest freeze damage.

"This was a crop with quite a few weeds and most fields lost several of the primary feeders," Lollato said. "The crop tried to recover, however those feeders were smaller and

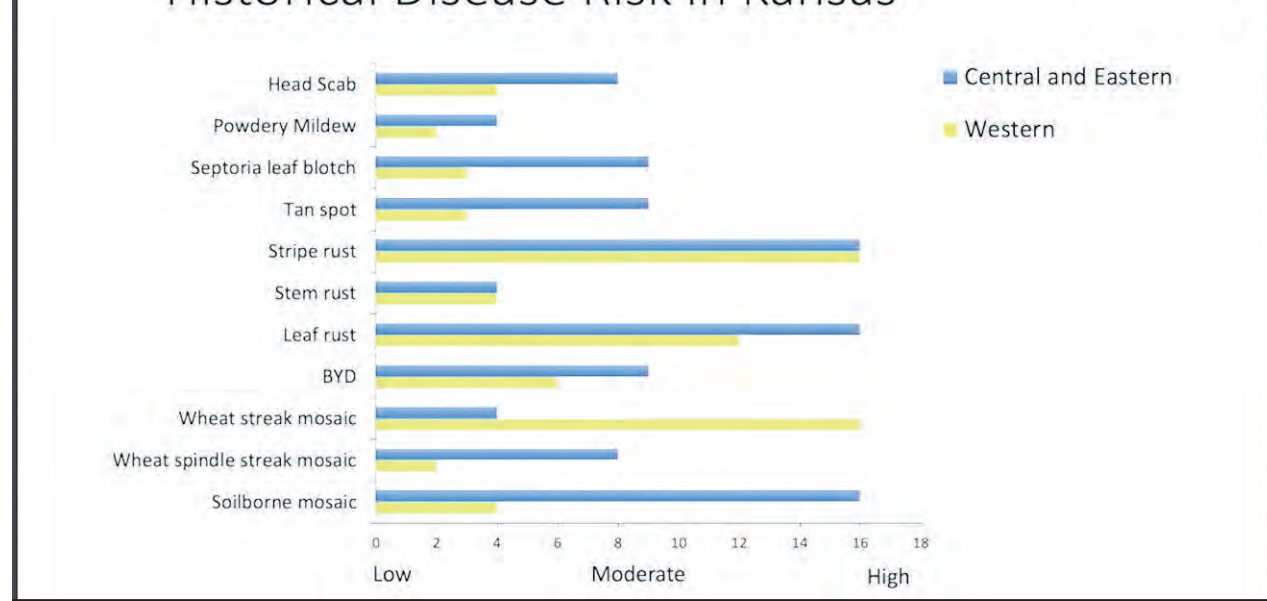
had less potential due to the freeze event."

In the west, there were some decent fields, but also many effects of the freeze damage.

"There were variable fields with some stress in the later-planted crops, but it was particularly smaller and showing more damage after a corn crop," Lollato said. "There was quite a bit of variability. Fields planted on time after a fallow period were in better share with close to 50-60 bushels to the acre."

In the southwest region around Dodge City and Liberal, the conditions were considerably worse than the west central part of the state.

### Historical Disease Risk in Kansas



This chart illustrates the prevalence of various diseases in the different regions of Kansas.

## K-State wheat breeder takes early look at upcoming releases

Kansas farmers participating in the first-ever Virtual Wheat Field Day last week got an early report on two hard red winter wheat lines expected for release later this year by Kansas State University.

K-State wheat breeder Allan Fritz said two new lines planned for central Kansas growing conditions show promise for leaf rust resistance, and have performed well in university trials.

"We don't have names for these yet, so right now they're referred to by

their experimental numbers," Fritz told viewers during the field day, held May 27-28.

One variety, KS09049K8, is the offspring of two Kansas varieties - Duster and Overlay - "with a little bit of spring wheat from CIMMYT," the International Maize and Wheat Improvement Center that has headquarters in Mexico City, Mexico, according to Fritz.

"It's a medium early variety, and is really the culmination of our efforts to breed race

non-specific lines for leaf rust resistance," he said. "This holds up very well to leaf rust."

Fritz said the new wheat line is "moderately tolerant" on acid soils, and has "very good" tillering capacity.

"Those of you who remember Duster will know that it is extremely high for tillering," a term to indicate a wheat's ability to form additional stems off the plant's main shoot, thus increasing its potential for higher-yielding wheat.

# Insight

KANSAS FARM BUREAU  
The Voice of Agriculture

## Time in June

By Kim Baldwin,  
McPherson County farmer  
and rancher

June 2020. How in the world did we get to June? I've had many instances lately that made me reflect on the past few months after realizing it's now June. I have caught myself on more than one occasion asking myself, "Did I really complete that project only a few weeks ago?" or "Did that Zoom meeting really only happen last month?" It all seems like a lifetime ago.

Since mid-March, I've been working remotely, the kids have been schooling virtually and my family has practiced social distancing to the best of our abilities. Our daily behaviors and weekly routines have radically changed. Yet, at the same time we have also stayed on schedule with farming.

While jobs that I completed from home in mid-March, April and even May seem like a lifetime ago, the growth on the farm indicates life is still happening in real time.

The bees are buzzing and making collections from blooms that have appeared on time just like previous years. Corn planted in April has transformed from seeds below ground into healthy plants gaining height above ground at the same pace as previous years. The wheat is on schedule as it continues to turn from its vivid green into a golden yellow.

The progress indicates the wheat will be ripe for harvest within the month — an event that happens around the same time every year. The continued growth evidenced on the farm maintains its place in time and space as in years

before.

These visual reminders show life continues in real-time as opposed to my perceived warp-speed.

The field of wheat I ride past on my evening bike rides serve as an anchor which grounds me and helps me recognize that while it may truly seem like a lifetime ago, the world continues to spin at the exact same rate it always has.

While the dizzying time spent in the farm office tackling school and work tasks in March, April and May seem like a blur now, the growth of the corn that my husband planted during that same time period serve as daily reminders we are, in fact, still living and operating in "normal" time.

I've always appreciated June, and I think this year will be no different. The month has always served as a gateway allowing me to recognize, experience and appreciate time. Time where I can catch my breath and enjoy more moments with my kids who are now "home" for the summer. Time where the sunlight is available to enjoy for an extended period, and where I can walk through a field of growing corn and feel the wind while hearing a train whistle in the distance. Time where we can stop, sit and enjoy a meal in the field together as a family during wheat harvest.

While the world around us may seem to be moving incredibly fast, there are constant reminders time has not changed. Seek out those reminders. Find those things that provide evidence that life continues at a "normal" pace and breathe them in. For me, those reminders are always present on the farm — especially in June.

"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.

# Prairie Ponderings

By Donna Sullivan

It's been a rough few weeks for this die-hard idealist, just as it has been for every other American, I'm sure. Our hearts are heavy, our minds race and we are in full sensory overload as our televisions, radios and social media news feeds bombard us with haunting images. A man calling out for his mother and begging to be allowed to breathe. Broken-hearted family members kneeling at a makeshift memorial on the ground where he took his last breath. Sobbing citizens wracked with the pain of the injustice. Angry protesters destroying property. More deaths, more destruction. So many questions and very few answers.

Those who know me very well know that my grandchildren are a very important part of my life. Their eight little faces flash through my mind frequently each day, causing me sometimes to smile and sometimes to pray. It's a crazy world they are growing up in. But lately, other little faces have been coming to mind — little faces not yet born. Little faces with big brown eyes and a darker skin-tone than their eight cousins. These are my future grandchildren.

You see, my youngest daughter is in a serious relationship with a wonderful young man that we love. A young black man. He's a gifted songwriter and musician, works hard and treats our daughter like she hung the moon. He prays for her every day and talks her off the ledge when the stress of her job and life in general gets her down. He doesn't drink or do drugs, I've never heard him utter a single curse word, and he's never been in any kind of trouble. His father is a Baptist minister and his mother a strong woman that raised her children well.

They plan to marry someday and hope to bless us with more grandchild-

dren.

I, like the rest of white America, can no longer afford to say, this isn't my problem. It is my problem. It is all of our problem.

Living where I do, racism isn't something I personally harbor or ever really witness. I frequently encounter people of other races, and it never occurs to me to fear them or see them in any way as less worthy or valuable than I am. They're people, deserving of the same dignity and respect I expect for myself. And I give it to them.

But I realize the rest of the world doesn't necessarily look like my little corner of Kansas. In fact, my daughter's boyfriend, who grew up and still lives near Kansas City, has many stories to tell of encounters with police based on nothing more than the color of his skin and the way he wears his hair. It literally makes my heart hurt to imagine those encounters. They are so undeserved and unfair.

Also undeserved and unfair are attacks on police officers that have never done anything but uphold the law and work for the safety of their communities. They still deserve our support and respect.

I wish I could close this column with a brilliant solution to this problem, but I can't. Nobody can. It's a complicated, systemic issue that is going to take a lot of work to unravel and address. But I do believe that if we all work on it, we truly can make it better going forward.

It won't be done with violence, disrespect and hate. Change will be accomplished by people stepping up to take responsibility for their actions, looking out for each other, recognizing each person as a precious child of God and treating them accordingly.

For all of our future grandchildren, let's do it. Let's make this happen.

## Sorghum Checkoff selects members of Leadership Sorghum Class V

The United Sorghum Checkoff Program has selected 13 members to Leadership Sorghum Class V, a program designed to develop the next generation of sorghum leaders and industry advocates.

"The Leadership Sorghum program has become a staple for recruiting new leaders to the sorghum industry and fulfilling those roles on state, national and associated boards and committees," said Sorghum Checkoff Board chairman Craig Poore, a sorghum farmer from Alton. "As a past graduate, I believe leadership is vital to the success of any industry, and congratulate these individuals for being selected to the program."

Leadership Sorghum Class V will consist of 13 farmers from five states who will participate in the 18-month program. Those selected include:

David Barrett from Sin-

ton, Texas

John Browning from Plainview, Texas

Matthew Crane from Pritchett, Colorado

Daniel Hopper from Leonardville

Winter Johnston from McConnellsburg, Pennsylvania

Deanna Lanier from Valley Center

Matt McCune from Plainville

Brant Peterson from Johnson

Gage Porter from Mercer, Missouri

Dale Stoltzfus from Schuylkill Haven, Pennsylvania

Ciera Ware from Ralls, Texas

Brian Younker from Spearville

Kirk Zerr from Quinter

"The Sorghum Checkoff uses this program to prepare sorghum advocates and leaders at the local, state and federal level," Leadership Sorghum

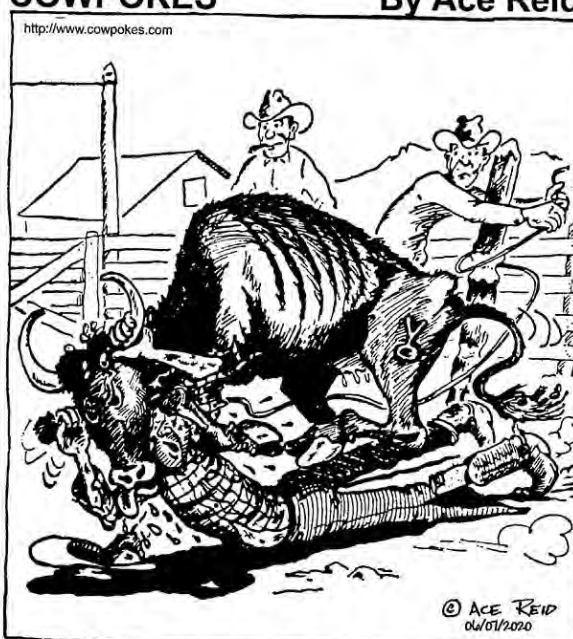
Program director Shellee Padgett said. "Leadership development is critical to the sorghum industry's advancement, and we are so excited to equip Class V with skills to advocate for their operations and the sorghum industry as a whole."

Participants of the Leadership Sorghum program will gain an understanding of how sorghum moves through the value chain, how checkoffs and interest groups interact on behalf of the industry and what the future holds for the crop through hands-on and classroom-style education. Leadership Sorghum Class V will complete professional development training and have several networking opportunities, as well.

For more information about the Leadership Sorghum program, visit [www.LeadSorghum.com](http://www.LeadSorghum.com).

## COWPOKES®

By Ace Reid



"It shore seems like I'm nearer to gittin' a transfusion than this critter is a blood test!"

## DUST ON THE DASHBOARD

by Glenn Brunkow



Occasionally, I think God does something to make sure we know He is in charge and that we are not nearly in as much control as we think we are. I had one of those experiences last week.

It all started with a forecast for several days of rain in a row. I had just started to plant soybeans and I decided that I would get ahead of the curve and first plant all the fields along the creek that were the most prone to staying muddy for an extended period of time. I guess what I did not think of was that those muddy spots were also the most prone to flooding but that is coming later.

In any case, I made the decision to plant the fields that would be the most difficult to get to if we got a lot of rain. They were also the fields that took longer to plant because of their geography and topography. I had a plan, it might take me a good long day, but if I was lucky I could knock them out in one day and not have to worry about getting to them for the rest of the planting season.

The day started out cloudy and humid, rain was in the air and around. I started out with a cautious eye to the west and the darker clouds. I did not have a good feeling I would get the first field done, let alone all three on my list. Well into the first field the sky to the west started to lighten up and the first threat of rain just disappeared about thirty miles from me. I felt like I had dodged a bullet. I continued and soon had that field planted and moved on to the next patch.

I had been in my planting zone and really had not paid attention to the western horizon. That was when I noticed the black, dark, menacing clouds headed my way. I checked the radar and sure enough a patch of dark green and some yellow was on a direct path to me. It was about 45 minutes to an hour out and that is almost long enough for me to get done. The key word being "almost." I was down to the last part of the field where the rows got shorter when the rain drops started hitting the windshield. I am not going to lie, I thought I was done. I bumped the tractor up a gear and hoped for the best.

The sprinkles did not get any heavier,

in fact, they started to get less and that was when I noticed the sky had again started to get lighter. I looked at the trusty radar and sure enough the rain had started to dissipate as it got closer and soon disappeared altogether. I finished the field and felt like I had dodged a bullet, the next question was whether I should start the third and final field on my wish list for the day. I decided to go for it.

The field planted the best of all three and it was a breeze. You know how much fun it is when things go right, and everything clicks. That was how this field went and it is something I am not used to. Soon I had the field done just as the darkest clouds of the day were forming and the rain drops started hitting my windshield. Soon a gentle shower ended my day just as I pulled out of the field. I love it when a plan comes together and everything works, it is a sign of superior management skills.

That night I heard the thunderstorm pass through and the next morning I looked at my rain gauge and had just a little over an inch and a half. The creek by my house was not even up and I felt smug about what I had done. The rest of the day I went about my business and did not even think about checking my newly planted fields. It was the next day I was talking to a neighbor who lived up the creek. He asked me what I had for rain and then told me he had more than four inches. I immediately rushed over and along the way I could see the creek had gotten well out of its banks.

To make a long, sad story short. Today, I finished the replant on the fields that I had so smugly thought I had planned out and planted in the nick of time. In the space of about four or five miles the rainfall had almost tripled and the best-laid plans of men had been washed out. It was not much, and the replant did not take too long but I am convinced it was God showing me that I did not have it all figured out and that he was in control. It was a reminder that I need from time; to time if only I was smart enough to remember it.

## EARL...



"THAT OL' GIRL DOESN'T HAVE TO WORRY ABOUT CATCHIN' ANY OF THEM VIRUSES... SHE'S BEEN 'SOCIAL DISTANCIN' HER WHOLE LIFE."  
Big Dry Syndicate



785-539-7558

Fax 785-539-2679

Publisher — Tom Carlin  
Managing Editor — Donna Sullivan  
gandgeditor@agpress.com

— Advertising Staff —

Kurtis Geisler, Shelby Mall  
kurtis@agpress.com, shelby@agpress.com

GRASS & GRAIN (USPS 937-880)

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

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

MEMBER OF  
Associated Press

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

# Kansas farmers experiencing another rough ride this year

By Mary Lou Peter

Early on in the COVID-19 virus pandemic, it looked like agriculture might be an area that would maintain some semblance of normalcy. Farmers and ranchers tend to work in more solitary conditions than people working in suburban and urban office buildings and service industries, so would be less likely to get sick themselves. They could go on helping produce the world's food supply.

That sense of security, if there was one, was short-lived however, with shifts in demand linked to closed restaurants and schools disrupting food supply chains, compounded by new coronavirus outbreaks among meat packing plant employees that resulted in temporary closures and more disruption to livestock marketing channels.

Using 2019 Kansas Farm Management Association members' average net farm income as a baseline, a team of Kansas State University agricultural economists is estimating that net farm income in 2020 will fall from an average of \$110,380 in 2019 to \$14,358 in 2020, a drop of 87%.

The 2019 number was bolstered in large part by Market Facilitation Program payments provided to farmers to buffer the disruptive effects of trade

disputes with other countries that were occurring prior to the pandemic.

Not all Kansas farms are KFMA members, but the data provides insight into the profitability and financial structure of Kansas agricultural producers.

"The COVID-19 virus has impacted nearly every aspect of life and Kansas agriculture has not been exempt," said Gregg Ibendahl, farm management specialist with K-State Research and Extension.

He and colleagues Daniel O'Brien and Kevin Herbel recently authored *A Preliminary Estimate of 2020 Kansas Net Farm Income*. Even without considering the 2019 MFP payment, the decline would be 71%.

A similar article looking more in-depth at the livestock sector was written by agricultural economist Glynn Tonsor.

Grain farms, which comprise about two-thirds of all KFMA operations, are expected to earn a lower net income than in 2019, but similar to 2019 without the MFP payment. Crop insurance and government program payments will help make up for a shortfall in grain prices.

The Extension agricultural economists estimate that farms focused more heavily on livestock production – about one-third

of KFMA farms – are expected to fare worst, with the average net farm income falling from \$35,552 (without the MFP payment) to a negative \$14,934, a decline of 142%.

The estimates do not take into account payments that might come from the Coronavirus Food Assistance Program announced by the U.S. Department of Agriculture on May 19.

The economists noted that at the beginning of 2020, Kansas farmers were coming off a year when net farm income had risen four years in a row.

"Producers were hopeful that 2020, with the trade agreement with China in place, could at least match the profitability of 2019," Ibendahl wrote in the article. "However, the coronavirus has drastically altered those expectations."

The authors, he said, provided the estimates to give farmers guidance about how the virus might affect their net farm income this year.

They estimate that most revenue sources – beef, milk, swine, corn, soybeans, wheat and grain sorghum – are expected to decline in 2020 compared with 2019, although less so in wheat and grain sorghum than the other commodities.

Offsetting the lower revenue in 2020 is a potential for higher government

payments (primarily in the Price Loss Coverage program for some crops) and some lower expenses, especially for fertilizer and diesel fuel, Herbel said.

Even with the MFP payment, 18% of KFMA farms lost money in 2019. In 2020, an estimated 40% of those farms will lose money. Nearly 70% of farms will earn a net income below \$50,000, which is far below the typical family living needs, Herbel said.

"This is expected to be a difficult year for nearly every Kansas producer," Ibendahl said, but added that the analysis is not the end of the story.

In addition to the new Coronavirus Food Assistance Program, the Coronavirus Aid, Relief and Economy Security Act and the CCC Charter Act have collectively committed to providing \$16 billion in direct assistance to producers of non-specialty crops, livestock, dairy

and specialty crops that have experienced a significant price loss between mid-January and mid-May and/or face significant additional marketing costs.

The team plans to continue to follow developments and will update their estimates in coming months as the government

programs are finalized.

More information about agricultural economics and the COVID-19 pandemic are available on [www.agmanager.info](http://www.agmanager.info). Other resources linked to living with COVID-19 are available on the K-State Research and Extension COVID-19 page.

PRECISION AERIAL APPLICATION: Pasture \ Crop \ Government



**VersaAir** SERVICES, LLC

(877) 79-VERSA  
(316) 882-1540  
[VersaAir.com](http://VersaAir.com)

## K-State wheat breeder takes early look at upcoming releases

• Cont. from page 1

The new line, Fritz added, doesn't quite get to the capacity of Duster, but says he believes it will have good yield potential in central Kansas.

"The quality of this one is good, and the other thing I like about it is it does have some Hessian fly resistance," Fritz said. "Hessian fly is not a huge issue around here, but it is nice to have some options out there to deal with Hessian fly, when necessary."

The line is moderately susceptible to stripe rust, Fritz said: "The genes that give us durable resistance to leaf rust also work on stripe rust, but they're just not quite as good, so they don't give us as strong a resistance to stripe."

"But I would say the resistance is good enough to give you a broader window for fungicide application. With this line, you should have enough stripe rust resistance, so I would put it in the moderately-susceptible category. If it's a stripe rust kind of year – like this year in many places – then you would definitely want to put a fungicide on it."

Fritz stopped short of naming the new line, but noted he and others are considering a name to honor former U.S. Department of Agriculture entomologist Jim Hatchett, who was based in Manhattan and contributed to wheat breeding in the Great Plains, he said.

A second wheat line ready for release is currently known as KS-12DH0156-88, which has lineage connected to an Oklahoma State University wheat named Gallagher.

"We're thinking of naming it KS Ahearn," Fritz said, contrasting K-State's famed basketball arena to Gallagher-Iba Arena in Oklahoma State.

"We're going to say that Ahearn was a much better basketball venue than Gallagher-Iba."

Joking and sports rivalries aside, Fritz said this wheat line is a late-maturing variety that "has effective levels of leaf and stripe rust."

"This one is more intermediate on acidic soils, so if you're getting into soils with fairly low Ph levels, I might lean toward planting something else," Fritz

said. "But this one will handle soils with Ph levels down to at least 5 and maybe even a little lower than that."

He called the quality of this wheat line "good, but not great" with yield potential on the higher end. "This one has been a bit of a race horse for us," Fritz said. "It's done really well in our trials, and that's the history of Gallagher, as well."

"Even though it's a later-maturing line – and I would normally say later fits better in the north part of Kansas – this has actually been better in south central Kansas."

Fritz said both of the lines he talked about are susceptible to fusarium and, thus, he does not suggest either as an option in no-till fields following corn.





## KANSAS AG REPORT

Facebook icon | Twitter icon



**Ken Rahjes, Host**



For TV Show times check your local listings or watch at [kansasagreport.net](http://kansasagreport.net)

**EMAIL EDITION**

**ARRIVES IN YOUR INBOX EVERY MONDAY AFTERNOON!**

**Low cost, easy to sign up and use!**

*Current print subscribers can receive the email edition at no extra cost. All we need is your email! Call and we'll get you set up!*

**For more information:**

**Subscribe online: [GrassAndGrain.com](http://GrassAndGrain.com)**

**Give us a call: 785-539-7558**

**Or stop by: 1531 Yuma St., Manhattan, KS 66502**

*We will NEVER sell your information, and you will not receive any junk emails from or as a result of us.*

**Never miss an issue of**

**GRASS & GRAIN**

**Subscribe or renew today!**

New Subscription \_\_\_\_\_ Renewal \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Activate Online Edition? \_\_\_\_\_

**\*\*Online Edition is FREE with purchase of Print Subscription; Email is required.\*\***

**In-State Print Edition Rates:**

1 Year; \$41 + additional sales tax \_\_\_\_\_

2 Years; \$76 + additional sales tax \_\_\_\_\_

3 Years; \$105 + additional sales tax \_\_\_\_\_

**\*\* SALES TAX DETERMINED BY COUNTY AND MUST BE INCLUDED TO RECEIVE FULL YEAR. CALL IF UNSURE.\*\***

**Out-Of-State Print Edition Rates:**

1 Year; \$51 \_\_\_\_\_ 2 Years; \$95 \_\_\_\_\_ 3 Years; \$132 \_\_\_\_\_

**\*\*Call for info about our 1st Class or Online Only rates\*\***

Check/Cash Enclosed: \_\_\_\_\_

or

Credit/Debit Card:  
Visa, Master Card, Discover, American Express

Expiration Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

V-Code (3 digits on back of card): \_\_\_\_

Signature: \_\_\_\_\_

Mail to: P.O. Box 1009, Manhattan, KS 66505

OR Stop by the office: 1531 Yuma St., Manhattan, KS 66502

1-877-537-3816

# GRASS & GRAIN Our Daily Bread

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

## Linda Kepka, Dorrance, Wins Weekly G&G Recipe Contest

Winner Linda Kepka, Dorrance:  
CROCK-POT CHICKEN

- 4 chicken breasts
- 1 cup chicken broth
- 1 can cream of chicken soup
- 1 box stuffing mix
- 1/2 cup water

Put chicken in crock-pot then add broth. Mix soup, stuffing and water together then spoon on top of chicken. Cook on low for 7 hours.

\*\*\*\*\*  
Mary Hedberg, Clifton:  
HEAVENLY DESSERT SAUCE

- 11 1/2-ounce package milk chocolate chips
  - 10 1/2-ounce package peanut butter chips
  - 12-ounce can evaporated milk
  - 2/3 cup butter
  - 1 tablespoon vanilla extract
- Mix all ingredients except vanilla in a heavy saucepan. Melt over low heat until smooth. Remove from heat. Stir in vanilla. Serve hot. Makes 4 cups.

- 1 cup vegetable oil
  - 3 eggs
  - (2) 1-ounce squares unsweetened chocolate, melted & cooled
  - 1 teaspoon vanilla extract
  - 1 3/4 cups flour
  - 1 teaspoon baking soda
  - 1/2 teaspoon salt
- Frosting:**  
1 cup butter, softened  
1 cup sugar  
3/4 teaspoon vanilla extract  
1/2 cup warm milk (110-115 degrees F)

In a large bowl beat sugar, beets, oil, eggs, chocolate and vanilla until well-blended. Combine the flour, baking soda and salt; gradually beat into sugar mixture until blended. Pour into a greased and floured 10-inch fluted tube pan. Bake at 350 degrees for 45 to 55 minutes or until toothpick inserted near center comes out clean. Cool for 10 minutes before removing from pan. Transfer to a wire rack to cool completely. For frosting, in a large mixing bowl beat butter until fluffy. Beat in sugar and vanilla. Gradually beat in milk, 1 tablespoon at a time, until smooth. Frost top and sides of cake. Refrigerate leftovers. Yield: about 12 servings.

\*\*\*\*\*  
Kellee George, Shawnee:  
PIMENTO CHEESE PASTA SALAD

- 16-ounce package rotini pasta, cooked & rinsed
- 8-ounce package shredded sharp Cheddar cheese
- 1/4 cup mayonnaise

Set oven 350 degrees. Make stuffing as directed on package using only 1 1/2 cups water. Combine chicken, broccoli and soup. Put in greased 11-by-7-inch baking dish. Top with stuffing. Sprinkle with cheese. Bake covered 20 minutes; uncover and bake 10-15 minutes until heated through.

\*\*\*\*\*  
Darlene Thomas, Delphos:  
POLISH BEET CAKE

- 1 1/2 cups sugar
- 15-ounce can diced beets, drained

- (2) 4-ounce jars diced pimentos, drained
  - 2 tablespoons dijon mustard
- Toss pasta with cheese in a large bowl. Mix all remaining ingredients. Add mixture to pasta mixture and mix lightly. Serve.

\*\*\*\*\*  
Rose Edwards, Stillwater, Oklahoma:  
HASH BROWN BAKE

- 3 cups frozen hash browns
- 3/4 cup shredded Monterey Jack pepper cheese
- 1 cup cubed ham
- 1/4 cup well-chopped green onions

### Time To Grill? Food Thermometer Can Be A Best Friend To Cooks

MANHATTAN – Home cooks often hail Memorial Day as the beginning of grilling season, which leads Kansas State University food safety specialist Karen Blakeslee to suggest they buddy up with a familiar kitchen utensil.

“A food thermometer should be your best friend,” said Blakeslee, coordinator of the university’s Rapid Response Center. “You should never determine meat doneness based on color. Use a food thermometer and make sure meat is cooked to the recommended minimum internal temperature.”

For the three most common types of grilled meats, those recommendations include:

- \* Steaks, chops and roasts – 145 degrees Fahrenheit.
- \* Ground meat – 160 F.
- \* All poultry – 165 F.

Blakeslee said a food thermometer should be inserted into the center of the thickest part of the meat, away from bone, fat and gristle. For ground meat – such as hamburger patties – insert into the side so that the thermometer is positioned through the center of the food.

“There are many types of thermometers to choose from when cooking,” Blakeslee said. “For checking food temperature, a digital or dial food thermometer is best. Digital temperatures can sense temperature at the tip of the probe and give a quick temperature response.”

She cautioned that digital thermometers cannot be left in the food during cooking.

“Other food thermometers have a temperature probe connected to a separate digital display. If grilling, use one designated for the high heat of grilling. For large cuts of meat – such as roasts – a meat thermometer can be inserted into the roast and left in during cooking.”

Blakeslee lists several other food safety tips as folks gear up for outdoor grilling:

- \* Use separate plates and utensils for raw meats and cooked meats.

- 4 eggs
- 12-ounce can evaporated milk
- 1/4 teaspoon pepper
- 1/2 teaspoon salt

Arrange hash browns in bottom of a 2-quart greased rectangular baking dish. Sprinkle with cheese, ham and onions. Combine milk, eggs and seasonings. Pour over top of potatoes and cheese. Refrigerate overnight. Bake at 350 degrees for 40-45 minutes. Let set 5 minutes before serving.

### Time To Grill? Food Thermometer Can Be A Best Friend To Cooks

\* Keep hot foods hot and cold foods cold. Hot foods should be maintained at a temperature above 140 F, while cold foods should be kept below 40 F.

\* Wash your hands frequently, especially after handling raw foods, before and during meal preparation, and before eating.

\* Prepare several ice chests to keep food cold and to separate items. Keep beverages in one chest, ready-to-eat foods in another, and raw meats in a third.

\* Do not wash meat or poultry before cooking. “This increases the chance for cross-contamination and is not necessary,” Blakeslee said. “Cooking meat to the proper internal temperature is your best defense.”

Some non-food safety tips include positioning the grill away from flammable areas, checking the charcoal or gas supply so you don’t run out while preparing meals, and keeping children and pets away from a hot grill.

Blakeslee said K-State Research and Extension has published a comprehensive guide to safe food handling, title ‘At-Home Safe Food Handling: It’s in Your Hands.’ The publication is available for free through the K-State Research and Extension bookstore.

Blakeslee and other K-State food safety specialists also maintain a website with food safety tips for grilling, tailgating and picnics.

“Plan ahead to keep the party simple,” Blakeslee said. “If you are having guests over, ask them to bring other menu items or supplies such as utensils, plates and beverages. The main goal is to have fun.”

Links used in this story: Rapid Response Center, <https://www.rrc.k-state.edu> At-Home Safe Food Handling: It’s in Your Hands, <https://bookstore.ksre.ksu.edu/pubs/MF2465.pdf> K-State Research and Extension bookstore, <https://bookstore.ksre.ksu.edu> Extension Food Safety (outdoor food safety), <https://ksre.k-state.edu/foodsafety/topics/outdoor.html>



## Baking With Sugarbuns

By Michele Carlyon  
Junction City Proud

There are so many things that have shaped me into the person that I am today. Family has obviously played a huge role, but so has the community that I was raised in. I cannot tell you how many times people would look at me with judgment when they found out that I grew up in Junction City.

Junction City does not necessarily have the best reputation. Everything, every place, and everyone has a past, Junction City is no different. I have never been someone that dwells on history, I would much rather dive into the present and see who and what people and places are about today. With the world facing chaos, hate, discrimination and an utter disrespect for humanity I can honestly say I have never been prouder than I am now to be from Junction City.

Junction City is located right next to Fort Riley, which is a military base. A military base that brings in so many different people from many different walks of life on a constantly revolving basis. Different nationalities, religions, backgrounds, beliefs and so much more. Junction is a melting pot of so many different cultures that I feel incredibly blessed to have been raised in such a community.

When people say they do not see color, I feel a little bit sad for them, because growing up where I did, we embraced those differences. Sure, the color of our skin might not have always been the same and maybe we didn’t always have the same beliefs but I think growing up in such a community you really learn early on that it truly is what’s on the inside that matters. It’s the person’s character, morals and values that make them who they are, and while color of skin, religion and so many other things do play a huge role in shaping people’s beliefs and what they stand for, it can’t be what we judge them upon.

So, Junction City, thank you. Thank you for teaching me that it’s okay to see our differences and it’s okay to embrace them and learn from them. Thank you

for teaching me that people are so much more than what you see on the outside and for teaching me that when given the opportunity people will always surprise you in one way or another. Thank you for always being home and a safe place for so many, but most importantly thank you for teaching me acceptance and the true ability to see beyond surface levels and to truly get to know people.

Amid all the chaos I urge people to find our similarities and cherish them and while we are at it, find those differences and embrace them, learn from them and grow from them. Ultimately, I just hope we all can eventually learn to love and accept each other and be thankful for what others bring to the table.

Today I am bringing my favorite chocolate chip cookie recipe to the table. I’ve been using the recipe from the KitchenAid box for years and people absolutely love them!

- Chocolate Chip Cookies**
- 1 cup sugar
  - 1 cup brown sugar
  - 1 cup butter, room temperature
  - 2 eggs
  - 1 1/2 teaspoons vanilla
  - 1 teaspoon baking soda
  - 1 teaspoon salt
  - 3 cups flour
  - Chocolate chips (until you smile)

Beat sugars, butter, eggs and vanilla until creamed. Slowly beat in soda, salt and flour. Fold in chocolate chips. The recipe calls for dropping the dough, I always scoop it with a cookie scoop and place on a parchment-covered sheet. Bake at 375 degrees for 10-12 minutes. Cool on a wire rack and 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: [boobsbrainsandbaking](https://www.instagram.com/boobsbrainsandbaking).

If you would like to contact Michele with comments please email [mcarlyon88@gmail.com](mailto:mcarlyon88@gmail.com)

**CENTRAL KANSAS AG AVIATION**

Call for all your Spring spraying needs!

STEVE DONOVAN  
Cellular: 785-366-0513 • Office: 785-258-3649

**Need Senior Insurance?**

- \* Medicare Supplement
- \* Long Term Care
- \* Final Expense

**800-373-9559**

**PHILLIPS INSURANCE**  
Jim- The Answer Man!

**Prize for JUNE 2020! “Our Daily Bread” Recipe Contest Prize**

**NEW Grass & Grain Cookbook**

Volume 7 of Clips from “Our Daily Bread” Picking up where we left off, you can now enjoy a compilation of nearly 80 pages of unique & delicious recipes from “Our Daily Bread” circa 2014, including a few home recipes from the G&G staff!

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

1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear. 2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.
3. Send it to: Woman’s Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR e-mail at: [auctions@agpress.com](mailto:auctions@agpress.com)

Tired of being sold products and told what to do??

**Time for an advisor that will listen and find solutions!**

Michael Hammersmith, Managing Member  
Michael@heartlandwealthstrategies.com  
785-775-1115

Give us a call... serving clients across the Midwest.

Bethany Fritzson, Office Manager  
Bethany@heartlandwealthstrategies.com  
785-775-1115

Heartland Wealth Strategies HWS  
Conveniently located in Manhattan, Kansas  
3515 Hofman Ln. Ste. B • 785-775-1115

**Kansas POWERTRAIN & EQUIPMENT LLC**

**785-861-7034**

1534 NW TYLER TOPEKA, KANSAS

Your Parts & Service  
Headquarters for 10 years  
Complete Drivetrain Specialists • Drive Shafts  
Rear Ends and Heavy Duty Parts

**BARN BUILDERS DT CONSTRUCTION**

918-527-0117

Free Estimates! All Workers Insured Est. 1977

One Year Warranty

30x50x10 enclosed..... Galvalume \$9,100  
12' slider, 1 walk door...Colored metal \$10,100  
40x60x14 enclosed  
2 12' sliding doors..... Galvalume \$16,100  
1 walk door.....Colored metal \$17,500  
40x100x16 enclosed  
20' split sliding door..... Galvalume \$24,600  
1 walk door.....Colored metal \$26,600

Price includes labor and material.

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

**Renew your Grass & Grain subscription Online - it's easy!**

Visit [www.GrassAndGrain.com](http://www.GrassAndGrain.com)

Click ‘Subscribe To Grass & Grain’ and follow the prompts!

**GRASS & GRAIN** Having trouble? Give us a call!  
785-539-7558

# Food Safety Expert Shares Food Preservation Tips For Summer Produce

MANHATTAN - Forgive Karen Blakeslee if she happens to tell you to mind your peas and carrots these days. She certainly means well.

That's because the Kansas State University food safety specialist knows it's nearly that time of year when many of the state's gardeners are getting ready to bring in their first haul of the popular garden veggies.

Her advice: "Plan ahead!"

"Decide now how you want to preserve your produce and how much storage space is available," said Blakeslee, who also is coordinator of the university's Rapid Response Center for food safety.

K-State Research and Extension has several publications available online to help home food preservation enthusiasts safely preserve garden vegetables, including a How-to Guide to Pressure Canning and How-to Guide to Water Bath Canning and Steam Canning.

"Preserve all produce as soon as possible after harvest for best quality, ideally the same day or next day," Blakeslee said. "When canning peas or carrots, which are low acid vegetables, they must be pressure canned. However, carrots can also be pickled and therefore can be water bath canned because of the high acid content."

She urges washing all fresh produce with plain water, and scrubbing or peeling produce when needed to remove hidden dirt and bacteria.

"Proper preparation helps to insure the quality and produce a safer product," said Blakeslee, who also suggests gathering necessary equipment and ingredients before the harvest.

"If you have a dial pressure gauge, contact your local extension office to get it tested for accuracy. The pressure canner brands we can test include National, Presto, Maid of Honor, and Magic Seal."

If you choose to freeze or dehydrate vegetables, most of them must be water or steam blanched, according to Blakeslee: "This helps to preserve texture, flavor, color and nutrition. Some fruits need to be treated with a color protectant, such as ascorbic acid, to prevent color changes."

"Strawberries are in season," Blakeslee said, noting a K-State publication that outlines the best ways to preserve strawberries. "They can be frozen, made into jam or jelly, dehydrated or made into pie filling."

Blakeslee also pointed to a K-State publication for preserving new potatoes, which should also be ready to harvest soon.

"Don't forget to adjust processing for your altitude when canning. Kansas rises in elevation from east to west," she added. Learn more about adjustments needed in the K-State publication, *What's Your Elevation?*

For more food preservation recipes and tips, visit Blakeslee's website available through the Rapid Response Center.

Links used in this story: K-State Rapid Response Center, [www.rrc.ksu.edu](http://www.rrc.ksu.edu)

How-to Guide to Pressure Canning, [www.bookstore.ksre.ksu.edu/pubs/MF3242.pdf](http://www.bookstore.ksre.ksu.edu/pubs/MF3242.pdf)

How-to Guide to Water Bath Canning and Steam Canning, [www.bookstore.ksre.ksu.edu/pubs/MF3241.pdf](http://www.bookstore.ksre.ksu.edu/pubs/MF3241.pdf)

Preserve it Fresh, Preserve it Safe: Strawberries, <https://bookstore.ksre.ksu.edu/pubs/MF1178.PDF>

Preserve it Fresh, Preserve it Safe: Vegetables, <https://bookstore.ksre.ksu.edu/pubs/MF1181.pdf>

Preserve it Fresh, Preserve it Safe: What's Your Elevation, <https://bookstore.ksre.ksu.edu/pubs/MF3172.pdf>

Rapid Response Center Food Preservation Recipes, [www.rrc.k-state.edu/preservation/recipes.html](http://www.rrc.k-state.edu/preservation/recipes.html)



## The Color Of Human

By Lou Ann Thomas  
I'm white.

You likely assumed that. Most of us here in the middle of the rectangular states are. However, if I removed my skin, you wouldn't have any idea of what color I was. I would simply be human.

But, I'm white. And that provides me with some benefits that those of different hues don't just get handed. For example, I don't have to be concerned that if I loiter a bit while shopping it will raise suspicion that I'm shoplifting. My friend, Eric, does have to be aware of this and tries to be focused and deliberate when shopping. Eric is black.

I'm white. Which means when I get pulled over for a broken taillight I'm concerned about the fine that will be a result of my negligence. My friend, Will, knows as soon as he sees the flashing red lights that anything interpreted as a wrong move, word or expression could be disastrous for him, possibly even resulting in death. Will is black.

I'm white. I've always been white and I grew up in a community and

culture that was nearly exclusively so. It wasn't until college that my world began to enlarge as it became more diverse. Honestly, at first, I wasn't that comfortable being around people different than I. But when I took the time to get to know people from different backgrounds and cultures, and who were different colors, I quickly real-

ized where we come from and the color of our outer covering has nothing to do with our value or our humanity. On the inside the same blood flows through the same human tissue.

But, I'm white. And because of that I now understand that I will never fully know what the lived experience of being black, or any other color, is like. I can't know what it's like to send your young black son out into the world knowing he might not make it back home because someone felt his skin color made him "less than." However, that does not mean that I can't learn more about the racism that, despite our past efforts, is still rampant in this country. This nation was built, in large part, on the backs of

enslaved black human beings. How could there not be remnants of prejudice, bias and even the evil toxicity of white supremacy which not addressed are all still festering here? But it's time. It's time we looked at this country, and ourselves, had some hard conversations about race and racism and began to understand, no matter the color of our outer wrapping, we want the same things - to feel safe, to find comfort, to be valued, to love and be loved.

I'm white, but color me human, because if I can help counter, in even the smallest way, the systemic hatred and violence against those seen as "other" or "less than" that still lives in this country, then I will and I must.

Submit a recipe during the month of June for a chance to WIN a copy of the new Volume 7 of the Grass & Grain "Our Daily Bread" Cookbook!!



Published in late 2019 after a 6 year hiatus, you can now enjoy a new compilation of nearly 80 pages of unique & delicious recipes featured in "Our Daily Bread" circa 2014, including a few home recipes from the G&G staff!

Don't wait, submissions must be received by June 24th, 12 p.m. for a chance to win!

Email recipes to [auctions@agpress.com](mailto:auctions@agpress.com) OR mail them to: Women's Page Editor • PO Box 1009 • Manhattan, KS 66505 See the Prize Box on Pg. 4 for more contest information.

Copies also available for purchase!

Stop by and get yours, or call in & place a mail order today!

\$15/ea., + \$3 shipping to U.S.

Earlier editions also still available!

785-539-7558

1531 Yuma St • Manhattan, KS

## Building Solutions You Can Trust

"Experience the Difference"

Pre-Engineered Wood Frame Metal Buildings  
Check us out online  
or  
Call us today for a FREE ESTIMATE!  
Your Building. Your Dream. Your Way.

### K-Construction Inc.

Alta Vista, KS  
785-499-5296  
[www.k-constructioninc.com](http://www.k-constructioninc.com)

## A Complete Cattle Feeding & Marketing Service

# TIFFANY CATTLE CO., INC.



### Family Owned & Operated

Tiffany Cattle Company, with a total capacity of 32,000 head, is equipped to offer economies of scale and industry leading service to customers of any size.

### Production Services

Objective is simply: Least Cost Per Pound of Gain! Ration formulation and cost analysis, health program designed and maintained by veterinarian, special pens and attention to sick animals, feed financing and cattle purchasing available.

### Marketing Services

Marketing finished cattle is top priority at Tiffany Cattle Company. You have the option of selling on the cash market, forward contracting or grid pricing through multiple Kansas packers.

★ [www.tiffanycattle.com](http://www.tiffanycattle.com) ★

Follow us on at Tiffany Cattle Company

Tiffany Cattle Company  
1333 S. 2500 Road  
Herington, KS 67449  
(785) 258-3721

Tiffany Cattle West  
758 Pioneer Road  
Marquette, KS 67464  
(785) 546-2216

Shawn Tiffany - COO (785) 229-2902 [shawn@tiffanycattle.com](mailto:shawn@tiffanycattle.com)  
Shane Tiffany - CEO (785) 466-6529 [shane@tiffanycattle.com](mailto:shane@tiffanycattle.com)  
Dennis Roddy - CFO (620) 767-2139 [dennis@tiffanycattle.com](mailto:dennis@tiffanycattle.com)  
Tanner Stucky - Asst. Mgr. (620) 214-0979 [tanner@tiffanycattle.com](mailto:tanner@tiffanycattle.com)

## Need an extra copy of GRASS & GRAIN?

Pick one up at any of our Box locations:

### Dara's Fast Lane:

- 5321 Tuttle Creek Blvd, Manhattan. KS -

- 8811 US-24, Manhattan. KS -

- 1132 Pillsbury Dr., Manhattan. KS -

### Sharp's:

- 118 W. Randolph St., Randolph. KS -

### The Store:

- 104 E Barton Rd., Leonardville. KS -

Copies are also available at these businesses:

**Bluestem Farm & Ranch:** - 2611 W. Hwy 50, Emporia. KS -

**Pioneer Farm & Ranch:** - 427 NE 14th Abilene. KS -

Or Stop by the Grass & Grain Office:

- 1531 Yuma St., Manhattan. KS -

**Office Hours:** Monday-Friday, 8am-5pm

## "Alexa, turn on KFRM"



Streaming 24-7  
Download the KFRM App and Listen Anytime, Anywhere!



# WHEAT HARVEST SPECIAL 2020

## How to ensure quality wheat: check for sulfur in the soil

A common obstacle to bountiful wheat harvests in the Central Plains is more pervasive than many growers realize, but a study led by the Agricultural Research Service (ARS) spells out how it can be readily overcome. Mary Guttieri, who is based at the Center for Grain and Animal Health Research Unit in Manhattan, and partners at Kansas State University show that wheat produc-

ers in the region could boost their yields and the quality of their wheat by making sure their soil has enough sulfur. Growers across 12 million acres of Kansas, Oklahoma and Colorado produce a hard red winter wheat that's used to make breads, biscuits, tortillas, packaged flour and other products. The wheat must take in sulfur from the soil to build up the proteins required to produce

the strong, elastic doughs that bakers prefer. Crop varieties developed over the past 20 years have been increasingly productive, sometimes extracting more sulfur from the soil than what growers have been putting down in fertilizer treatments, Guttieri says. Enforcement of the federal Clean Air Act also has reduced sulfur emissions from industrial plants and vehicles, so less sulfur is

returning to the soil from the air and rainwater. Sulfur deficiencies also can go unrecognized because the yellow discoloration it causes in wheat can be confused with nitrogen deficiency, Guttieri says. In their study, Guttieri and her colleagues applied sulfur at the rate of about 20 pounds per acre for two years in the kind of sulfur-depleted soils that are common in the region. They compared the yield and quality with wheat produced without any sulfur treatment. They found that the sulfur increased yields by 52 percent and produced wheat with more of the proteins needed to produce a desirable dough. The results also

showed that adding sulfur sharply reduced concentrations of asparagine in the wheat, which means a reduced potential for acrylamide to form in products made from the wheat. Acrylamide is a potentially toxic compound that can form in wheat products, potatoes and other foods when they are cooked at high temperatures. The findings were published in the May issue of the *Journal of Cereal Science*. ARS researcher Tara Wilson, who works in Guttieri's lab, was lead author, Guttieri was lead senior author, and co-authors included ARS chemist Michael Tilley, and Nathan Nelson and Allan Fritz from the Kansas

State University Department of Agronomy. The study was partially funded by the Kansas Wheat Commission. Grain Craft, which is the nation's largest independent flour miller, milled the grain and evaluated the mixing characteristics of flour from the study. Guttieri is advising wheat growers to check their soils for sulfur levels, along with nitrogen levels, when they have the soils tested prior to fertilizer application. "When growers learn about this, it can be like a light bulb going on for them. They realize this is something they either have to address right away or keep an eye on," she says.

## Advantage Series Overhead Feed Bins

Patent Pending! No. 29/694.456

20% more storage than a round bin, better clean-out than a square!

More space! Better clean-out!



[www.fcsmfg.com](http://www.fcsmfg.com) • (620) 427-4200  
FCS Mfg. Inc • Gridley, KS

## Bayer Grain for Good™ transitions to America's Farmers Grow Communities

After two years of success, the Bayer Grain for Good™ Program transitions to America's Farmers Grow Communities, sponsored by Bayer Fund, which will continue to support communities across rural America. Through the Grain for Good Sweepstakes, which began in 2018, the Bayer Cereal Experts donated \$100,000 to 20 nonprofit organizations designated by cereal growers throughout the country. "As the Bayer Cereal Experts, we have been thrilled with growers' engagement in the Grain for Good program over the past couple years. We feel incredibly thankful to have had the opportunity to positively influence the communities in which we live and work," said Kevin

Cencula, Bayer cereals marketing manager. "We are beyond excited to continue that impact as part of America's Farmers Grow Communities, and support even more organizations than ever before." This spring, America's Farmers Grow Communities is awarding more than one thousand \$2,500 donations to non-profits to help strengthen rural America. The program will kick-off again August 1, 2020, giving eligible growers the opportunity to enroll to win funds to support a local eligible non-profit organization. To be eligible, growers must be 21 years old or older and actively engaged in farming at least 250 acres of any crop. Grower winners will be randomly selected and announced in January 2021.

America's Farmers, sponsored by Bayer Fund, is focused on strengthening rural America through three community outreach programs that partner with growers to make an impact in their rural communities. Since 2010, America's Farmers programs have given more than \$53 million and include: Grow Communities, Grow Rural Education and Grow Ag Leaders. For official rules or to learn more about America's Farmers Grow Communities, contact your local Bayer Cereal Expert or visit [www.americasfarmers.com](http://www.americasfarmers.com). Visit the Bayer Connect - Social Hub for social media, recent news, blog posts, videos and more from Crop Science, a division of Bayer.



**Thank you, Kansas wheat farmers!**

**Have a safe and productive #wheatharvest20.**

  
**KANSAS WHEAT®**  
[www.kswheat.com](http://www.kswheat.com)



Investing in the future through wheat genetics research



## Best Wishes

for a plentiful and profitable wheat harvest!

Proudly serving communities across Kansas. We are **Your Community Bank!**



10 locations across Kansas ready to serve your banking and loan needs.

- Oakley - Hoxie - Wakeeney - Goodland - Colby
- McDonald - Leonardville - Hill City
- Manhattan East & West



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

# Scientists protect American wheat from aphids – using resistant varieties from Iran

Fields of wheat are so associated with the U.S. that they're featured in the song *America the Beautiful* as "amber waves of grain." But those amber fields face a big threat: Russian wheat aphids.

As their name suggests, these aphids hail from Eurasia. These invasive pests first made their way to Texas in 1986. They've since spread to many states and cause billions of

dollars of damage to wheat fields. So, crop scientists are desperate to find ways to stop the aphids in their tracks.

"Our major goal is to find genes connected with the resistance to all Russian wheat aphid types in the U.S. and transfer these genes to best wheat varieties," says Xiangyang Xu. Xu is a scientist with the U.S. Department of Agriculture who studies these

aphids. "When farmers grow these aphid-resistant varieties of wheat, they don't need to worry about the pest."

Unfortunately for farmers, there are at least five major variations of aphids in the U.S. Each type can survive on wheat with different resistance genes.

Until now, no wheat variety was known that could resist all five types of aphids. That makes genetic resistance the ideal way to protect against the aphids.

Xu and his team tested over a hundred varieties of wheat to find ones that were resistant to the aphids. The tests included wheat from Afghanistan, Denmark, Iran, Switzerland and the U.S.

After exposing all wheat varieties to all five types of aphids, researchers observed how much damage the aphids did to the plants. The plants that suffered only minor damage or no damage at all were counted as resistant.

At the end of the experiment, they found 14

strains of wheat that were able to resist most damage by all five aphid types. The team spotted another nine types of wheat that were able to resist all types of aphids at least some of the time.

"These wheat varieties are very valuable for breeding durable Russian wheat aphid-resistant wheat cultivars," says Xu.

The strongest varieties came from Iran, where both the aphids and wheat are native. That long history of coexistence likely explains why Iranian wheat has developed such strong resistance.

Now breeders can begin studying how these wheat varieties resist the aphids. And they can use these varieties in breeding programs to provide resistance to American varieties of wheat.

The aphids feed on the leaves of young wheat plants. This stunts the plant's growth and can drop yield by up to 60%. Damaged leaves tend to curl around the insects. That curling can protect

the aphids from pesticides sprayed on fields. And pesticides are expensive.

"Pesticides are available to control Russian wheat aphids in the field," says Xu. "But the considerable costs will significantly reduce farmers' profit."

With these resistant plants identified, the next step is to cross resistant wheat varieties with high performing, but susceptible, varieties.

"We need to locate the genes first, and then transfer these genes into high-performing wheat varieties in the U.S.," says Xu.

The researchers will first find DNA sequences linked with genes creating resistance to track during wheat breeding. Creating new American wheat varieties resistant to all aphid types should take four to five years.

That will ensure that amber waves of grain stand strong in America for years to come.

Read more about this research in *Crop Science*. This work was funded by the United States Department of Agriculture in-house project 3072-21000-009-00D.

## Beauty abounds



Grass & Grain graphic artist Kezia Shibler captured this image of poppies growing at the edge of her grandmother's wheat field near Wamego. She says poppies grow along the edge of that field every year, adding a pop of color to the young wheat.

Photo by Kezia Shibler

**BlueValley Trailers**

**GRAIN TRAILERS FOR LEASE OR SALE**



Check with us about discounted rates for wheat and Fall harvest

Luke or Payton: 785-363-2224

# YOUR TRUSTED AG BANK.

Our Ag Bankers are local experts, committed to helping you focus on your goals!

BENNINGTON | MINNEAPOLIS | SALINA | WAMEGO | SYLVAN GROVE | LUCAS

**THE BENNINGTON STATE BANK**  
Your Trusted Hometown Bank

Find out how we can be your trusted Ag Partner!

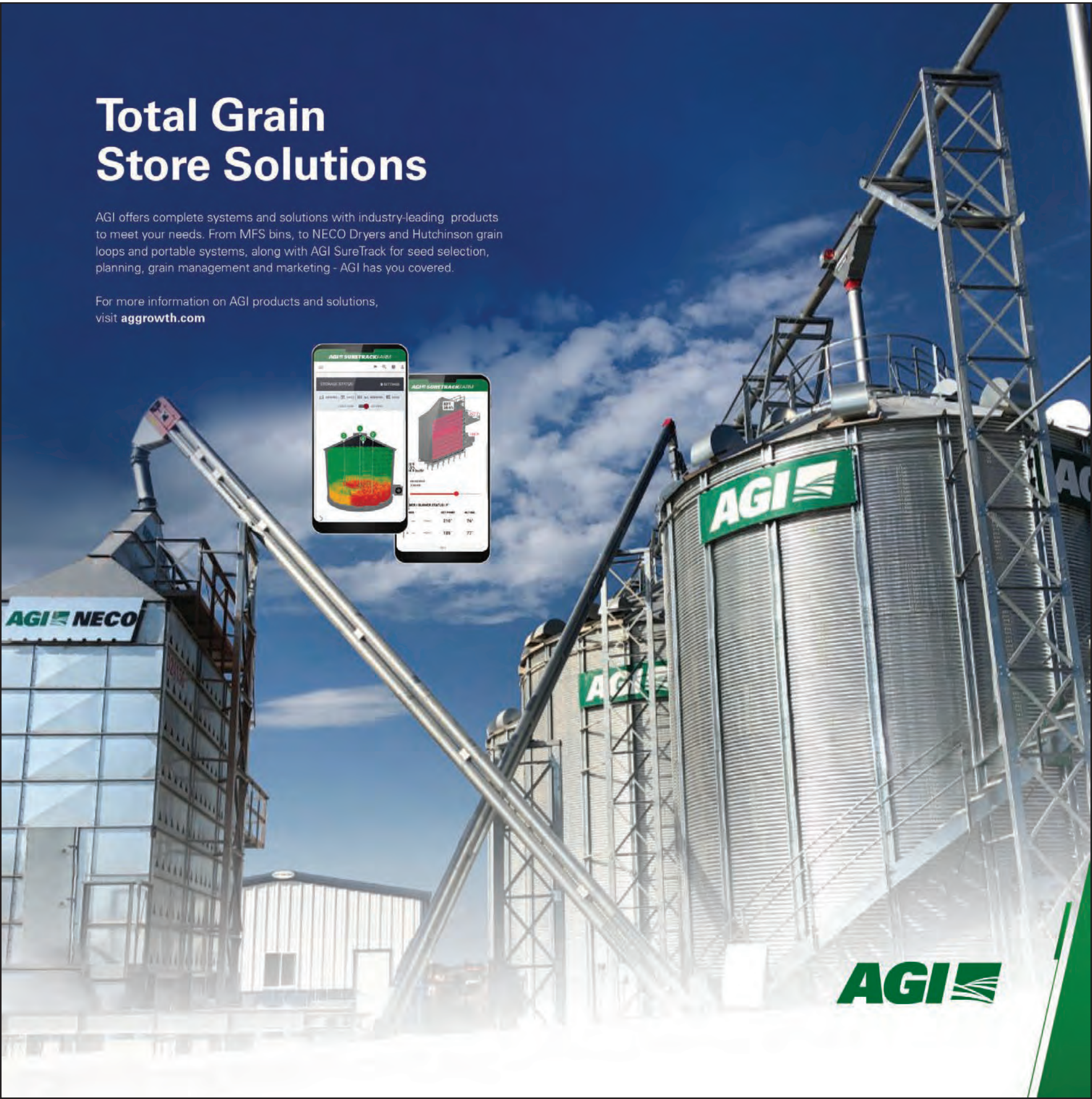
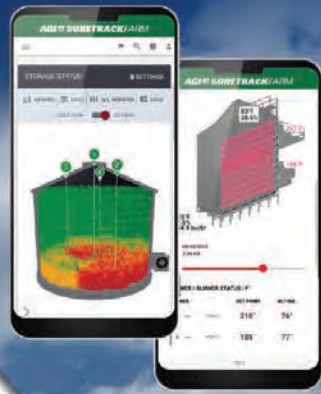
888-827-1887 | [bsbks.com](http://bsbks.com)



# Total Grain Store Solutions

AGI offers complete systems and solutions with industry-leading products to meet your needs. From MFS bins, to NECO Dryers and Hutchinson grain loops and portable systems, along with AGI SureTrack for seed selection, planning, grain management and marketing - AGI has you covered.

For more information on AGI products and solutions, visit [aggrowth.com](http://aggrowth.com)



# FFA officers elected as convention goes virtual

## 2020-2021

# Kansas FFA Officer Team



**Elizabeth Sturgis**  
State President  
Riverton FFA



**Abigail Johnson**  
State Vice President  
Southeast of Saline FFA



**Bailey Sipes**  
State Secretary  
Stanton County FFA



**Kiran Elam**  
State Treasurer  
Beloit FFA



**Hattie Polson**  
State Reporter  
Frankfort FFA



**Hannah Graybill**  
State Sentinel  
Labette County FFA

The State FFA Convention was held virtually this year due to the coronavirus. Pictured above is the State Officer Team for 2020-2021.

## Iola FFA member named Star Farmer

Iola FFA member Levi Meiwes was recognized as the State Star Farmer, one of the association's top honors, during the virtual 92nd Kansas FFA Convention, May 27-29, 2020.

Each year, the Kansas FFA Association recognizes three FFA members who have the top Supervised Agricultural Experience (SAE) programs with the Star Farmer, Star in Agribusiness and Star in Ag Placement awards. The Star competitions are sponsored by Farm Credit Associations of Kansas, United Bank and Trust and Kansas Farm Bureau.

Meiwes' SAE is in Poultry Production. During his SAE experience, he expanded and grew his poultry operation to become officially licensed as Meiwes Poultry Farm. Meiwes has gained valuable knowledge related to successful poultry production, including research on proper nutrition, design of ideal watering systems and breed selection.

Levi is the son of Paul and Becky Meiwes. His FFA chapter advisor is Amanda Strickler.

## Simon honored as Star in Agribusiness

Renwick FFA member Austin Simon was recognized as the State Star in Agribusiness, one of the association's top honors, during the virtual 92nd Kansas FFA Convention, May 27-29, 2020.

Each year, the Kansas FFA Association recognizes three FFA members who have the top Supervised Agricultural Experience (SAE) programs with the Star Farmer, Star in Agribusiness, and Star in Ag Placement awards. The Star competitions are sponsored by Farm Credit Associations of Kansas, United Bank and Trust, and Kansas Farm Bureau.

Simon's SAE is in Agricultural Mechanics Design and Fabrication. He has been selling chicken coops to local farm and home stores, in addition to adding a hay hauling venture to his resume. Simon offers two sizes of chicken coops and builds custom coops as well. He had 35 chicken coop projects in 2019 and hauled 2,550 bales of hay.

Austin is the son of Kurt and Jennifer Simon. His FFA chapter advisors are Cheyenne Holliday and Cody Holliday.

## Winter wheat rates 42 percent good to excellent

For the week ending May 31, 2020, there were 4.3 days suitable for fieldwork, according to the USDA's National Agricultural Statistics Service. Topsoil moisture supplies rated 8 percent very short, 17 short, 64 adequate, and 11 surplus. Subsoil moisture supplies rated 6 percent very short, 17 short, 72 adequate, and 5 surplus.

Field Crops Report: Winter wheat condition rated 8 percent very poor,

17 poor, 33 fair, 35 good, and 7 excellent. Winter wheat headed was 94 percent, near 92 last year and 96 for the five-year average. Coloring was 17 percent, near 13 last year, but behind 36 average.

Corn condition rated 2 percent very poor, 5 poor, 26 fair, 57 good, and 10 excellent. Corn planted was 92 percent, ahead of 76 last year, and near 88 average. Emerged was 74 percent, ahead of 57 last year, and near 73 average. Soybean condition rated 0 percent very poor, 3 poor, 29 fair, 62 good, and 6 excellent. Soybeans planted was 62 percent, well ahead of 25 last year and 40 average. Emerged was 46 percent, well ahead of 15 last year and 26 average.

Sorghum planted was 27 percent, well ahead of 7 last year, and ahead of 17 average.

Cotton condition rated 0 percent very poor, 2 poor, 42 fair, 51 good, and 5 excellent. Cotton planted was 73 percent, well ahead of 41 last year and 37 average. Sunflowers planted was 33 percent, well ahead of 13 both last year and average.

Pasture and Range Report: Pasture and range conditions rated 3 percent very poor, 7 poor, 32 fair, 52 good, and 6 excellent. Data for this news release were provided at the county level by USDA Farm Service Agency, KSU Extension Service, and other reporters across the state.

## Nelson recognized as Star in Ag Placement

Washington County FFA member Tyler Nelson was recognized as the State Star in Ag Placement, one of the association's top honors, during the 92nd Kansas FFA Convention, May 27-29, 2020, held virtually.

Each year, the Kansas FFA Association recognizes three FFA members who have the top Supervised Agricultural Experience (SAE) programs with

the Star Farmer, Star in Agribusiness, and Star in Ag Placement awards. The Star competitions are sponsored by Farm Credit Associations of Kansas, United Bank and Trust, and Kansas Farm Bureau.

Nelson's SAE is in Agricultural Mechanics Design and Fabrication. He works at Prairie Road Iron in Linn. His job includes welding to fabricate custom bumpers for trucks and skid loader attachments. He also designs and builds panels and gates for local farmers. Nelson has taken his skills to learn how to read blueprints for custom projects.

Tyler is the son of Craig and Darcy Nelson. His FFA chapter advisor is John Kern.



**QSI HAS YOU COVERED**  
Specializing in Complete Post Frame Buildings

Garages - Hobby Shops - Agricultural Commercial - Horse Barns

Experience the QSI Advantage

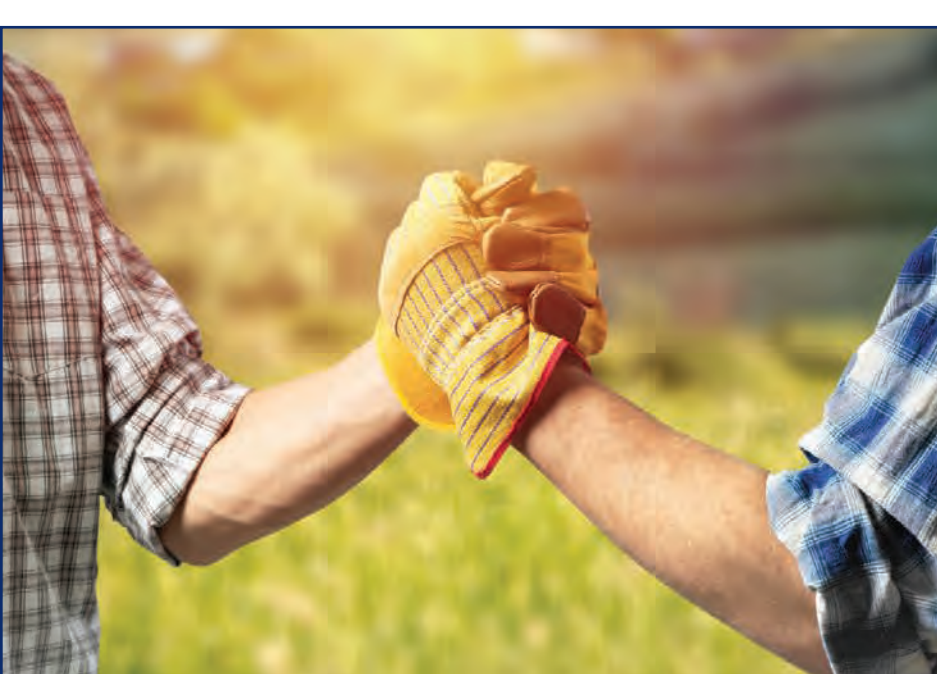
- ✓ #1 in Quality
- ✓ #1 in Customer Service
- ✓ Engineered
- ✓ More Lumber
- ✓ 115 MPH Wind Load
- ✓ 4' Post Embedment
- ✓ 3 Ply Laminated Columns
- ✓ 5 Yr Workmanship Warranty

**QSI**  
Quality Structures

800-374-6988

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

NFBA ACCREDITED



## Supporting the agribusinesses that support our communities.

Emprise ag bankers understand the needs, challenges, and hard work involved in running a successful agribusiness, especially in these uncertain times.

Let us help find a solution that fits your needs.

- Operating Loans
- Livestock Loans
- Equipment Financing & Leasing
- Real Estate Lending
- FSA Farm Loans

Always here for you.



855.383.4301  
[emprisebank.com/agribusiness](http://emprisebank.com/agribusiness)



## Moving?



Let us know your new address so you never miss an issue of Grass & Grain!

Contact Kevin: [agpress3@agpress.com](mailto:agpress3@agpress.com)

785-539-7558

1531 Yuma St., Manhattan, KS 66502



## Extension Ag. Economist

### EMPLOYMENT OPPORTUNITY

Kansas Farm Management Association (KFMA) North Central is seeking a highly motivated, detail oriented, service driven individual to fill the role of an Extension Agricultural Economist in our Abilene, KS office. Responsibilities are varied, but center around providing education and consultation to KFMA member farms in the area of farm business management, providing resources for these farms to make informed financial, production, and tax management decisions. Apply no later than July 13 at <https://careers.k-state.edu/cw/en-us/job/509229>

**"I put an implement on the free online ad site and got no calls. I put it in Grass & Grain and got eight calls the first couple of days... and sold it."**

~ Russell Reichart, Holton ~

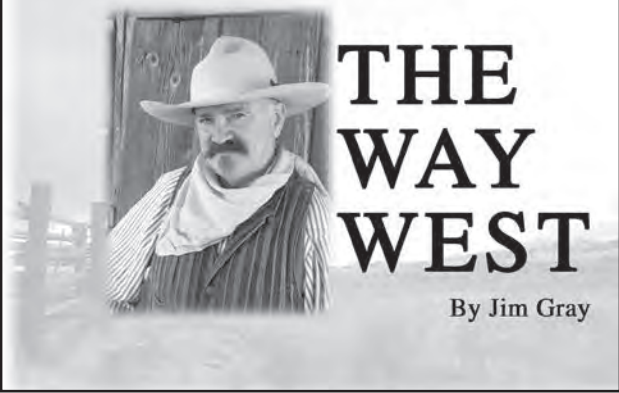
# GRASS & GRAIN

## CLASSIFIEDS

Bringing buyers & sellers together for 65 years

785-539-7558 • [www.GrassAndGrain.com](http://www.GrassAndGrain.com)





# THE WAY WEST

By Jim Gray

## Taking Old Brown

When abolitionists elected their own government under the Topeka Constitution in 1856, members of the "unauthorized" territorial government were indicted for high treason. U. S. Marshal Israel B. Donaldson called for citizens to help execute the law. Sheriff Samuel Jones assisted in making arrests in Lawrence on April 23, 1856, with the help of federal soldiers. That evening someone fired a shot into the military tent, striking Sheriff Jones in the back. Though newspapers reported his "murder," Jones survived the dangerous wound.

Men in southern states soon responded to Marshal Donaldson's call. Militias were formed and began to arrive in support of federal authorities in Kansas Territory. A miraculously recovered Sheriff Jones led a citizen's army in "The Sack of Lawrence" on May 21, 1856. Abolitionists did not fight back but passively watched as their town was looted and burned.

To the south, several militia units assembled to go to the defense of Lawrence at Prairie City (southeast of present-day Baldwin City, Kansas), but broke up and returned home after learning that the ruffians were no longer there. That did not sit well with John Brown, who was furious at the thought that Lawrence men had refused to fight back.

Brown turned toward Dutch Henry's Crossing on Pottawattamie Creek (near present-day Lane, Kansas). There pro-slavery men had threatened to sweep all abolitionists from their midst. With a small group of hand-picked men including his sons, Brown struck with a vengeance. The brutal murder of five men drew the attention of the federal government.

Captain Henry Clay Pate, commander of the Westport Sharpshooters was commissioned Deputy United States Marshal before his unit joined a mission into John Brown's territory. Pate was an in-

credibly self-important twenty-four-year-old who had left the University of Virginia before graduating. The lack of a degree did not deter him from publishing The Companion of Youth, and Guide to College. In 1855, Pate led a party of Virginians to Westport, Missouri, where he established himself in the newspaper business.

The search for "Old John Brown" began on Pottawattamie Creek. John Brown Jr. and his brother Jason were taken captive but "Old Brown" was nowhere to be found.

The U.S. Marshal sent the prisoners with Pate to a new camp a few miles northeast of Prairie City. Palmyra, Kansas, a stop on the Santa Fe Trail, was a short distance northwest of Pate's camp. Several men were arrested, causing extreme alarm in the surrounding communities. Captain Samuel T. Shore sent word of Pate's presence to Old John Brown and with his Prairie City Guards searched in vain for Pate.

At Prairie City, citizens learned that Dr. William Graham, a member of the town company, had been taken captive at Palmyra. Members of the Prairie City Guard were in church Sunday afternoon, June 1st, when a watchman alerted the congregation. "The Missourians! They are coming!" Captain Shore and his men sprang from the pews and retrieved their rifles stacked near the door. The riders, emboldened by their recent successes, were taken by surprise. Facing an army of raised rifles four men immediately surrendered. Two riders at the back of the line turned tail and successfully escaped

as bullets tore up the dust around them.

The captured men were induced to reveal Pate's location along a small creek in a grove of Black Jack trees southeast of Palmyra. Old John Brown and his Osawatimie Rifles arrived late in the evening and preparations were made for battle.

Shore and Brown attacked Pate early the next day. The tall prairie grass and the banks of the creek provided protection for both sides, but when ammunition ran low Shore's men weakened and many deserted. Brown, with approximately thirty men, was badly outnumbered. Hoping to stall while Shore rounded up his company, Brown ordered Shore's remaining sharpshooters to kill Pate's horses and mules. From Pate's position a figure frantically ran toward Brown's line. It was Dr. Graham who breathlessly told Brown that he could win the day if he persisted. From a position to the south Frederick Brown called to his father, "We have got them surrounded, and have cut off their communications."

The ploy worked. Although possessing a superior force of seventy-five men, Pate sent a flag of truce to Brown by way of his lieutenant, Henry James and one of the captives taken in the recent raids. Without horses Pate's men were pinned down. Pate was requesting a meeting. Old Brown held Lt. James and allowed the captive to return, agreeing to meet Pate between the lines.

Upon Pate's arrival Brown demanded surrender. Pate told Brown that he would consider it after he had returned to his company and consulted with his men. Suddenly, in violation of the truce, Pate was taken captive by armed men hiding in the tall grass. His men quickly surrendered and the Battle of Black Jack was over.

Henry Clay Pate later wrote "I went to take Old Brown, and Old Brown took me." It was a hard lesson for a young man to learn, on The Way West.

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

## FARM HARD AG. PRODUCTS

### BY HOFFMAN BROTHERS WELDING LLC

405 CENTRAL STREET HOYT, KS/785-986-6310

### OIL FIELD PIPE & PIPE POST SPECIAL

Pipe Pricing Per Foot	
2 3/8"	\$1.25
2 7/8"	\$1.50
3 1/2"	\$2.50
4 1/2"	\$3.75

Post Pipe Per Post	
2 3/8" X 8'	\$14
2 7/8" X 8'	\$16
2 3/8" X 9'	\$16
2 7/8" X 9'	\$18
2 3/8" X 10'	\$18
2 7/8" X 10'	\$20

## SPRING IS HERE!

### Order your Panels today.

### CONTINUOUS PANELS

4 BAR 14 GA. 20'x4' Tall	.....\$69.00	.....\$65.00
5 BAR 14 GA. 20'x4' Tall	.....\$85.00	.....\$75.00
6 BAR 14 GA. 20'x4' Tall	.....\$95.00	.....\$85.00
7 BAR 14 GA. 20'x4'9" Tall	.....\$119.00	.....\$100.00

### FREE STANDING PANELS

20' Long by 6' Tall w/adjustable legs .....\$320



### Free Standing Panels Gates

4'	.....\$95
8'	.....\$150
10'	.....\$165
12'	.....\$195
14'	.....\$210
16'	.....\$235

Prices may be subject to change with material cost & adjustments.

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

## DISTRIBUTORS

Wohlgemuth Equip., Atchison, KS 913-370-1245  
 B&D Ag Solutions, Savannah, MO 816-344-9381  
 Hoffman Farms, Friend, NE 402-947-3901  
 Dailey Ag LLC, Oskaloosa, KS 785-863-2011

## FOR SALE

### NELSON'S LANDING

100 & 107 N. ERPELDING  
LEONARDVILLE, KS

Turn key business opportunity in Leonardville, KS, Nelson's Landing. All four buildings with over 19000 sq. ft of space, furnishings, fixtures, equipment, inventory, name of restaurant, and memorabilia convey with the sale. This is an excellent opportunity to own and operate a successful destination restaurant with a reputation of excellence for over 13 years. It is a multi-purpose facility and could be used in additional functionality.

Listing price: \$289,000

**GENE FRANCIS & ASSOCIATES**  
REAL ESTATE BROKERS & AUCTIONEERS

Lori Rogge • Broker & Auctioneer  
785.556.7162 • [lori@genefrancis.com](mailto:lori@genefrancis.com)

see [www.genefrancis.com](http://www.genefrancis.com) for full listing flyer

## SURPLUS AUCTION

**SATURDAY, JUNE 20, 2020 — 9:00 AM**  
 Offering for sale at Public Auction, located at 7625 NW 72nd, HESSTON, KS; from the 4-way stop in Hesston, KS 1 mile west, 1 mile south & 1/4 mile west.

### FARM MACHINERY, SHOP EQUIPMENT & STEEL

Pettibone Mercury forklift; Hydroway forklift scale; 1992 Circle D 7x20 gooseneck stock trailer; shop built 13 shank chisel; Demco 3 pt. 80 gal. 30' field sprayer; Krause 14' tandem disc, 19" blades; 7 shank 3 pt. chisel; 2 & 3 btm. plows; David Bradley 8' pull disc; 2 sec. 3 pt. springtooth; 4 sec. springtooth, carrier; shop built 2 wheel gooseneck hopper grain trailer; 3 pt. blade; Land Pride 3 pt. fert. spreader; log splitter, Onan gas eng. or hyd.; 7'8"x13' truck bed w/ end gate lift; pickup fuel tanks; Maxmill milling machine; Miller Dialarc HF-250 amp T.I.G. air cooled welder; Miller CP-250 ext. reach wire feeder, push-pull welder; Lincoln Ideal Arc 300 AC/DC welder; Lincoln AC/DC 225 arc welder; Champion 5 hp air compressor; lg. 100 ton press & motor; Hyster forklift; Tri Sport 3 wheel go kart; bulk bin on skids; forklift mast; lg. floor jack; chain hoist; Rockwell drill press; 1.5 hp wood thickness planer; Craftsman radial arm saw; rototiller; 4" & 6" jointers; Delta band saw; Delta wood turning lathe; lg. amount rough cut Cherry & Walnut wood; Fairbanks platform scale; 60-2x12x20 select grade boards; 4-8x24 lg. work platforms; Onan generator on 2 wheel trailer; drafting table; tons of sq. & round tubing, channel iron, H & I beams, flat steel, alum. tubing, shaft & deck plate, tread plate, pipe; metal racks; Big Husky waterers; T-posts; motors; sprockets; pulleys; belts; hardware; lg. gear boxes; ice cream freezer; Weavers Delight weaving loom; jars; Zinc lids; old telephones; high chair; old door knobs; washboards; tins; lantern; ice tongs; '57 Ford doors; oxen yoke; lamps; primitives; crocks; enamel; cuckoo clock; fondue fountain; wooden blocks; wall clock; dolls; sad iron; wood shelves; chicken feeders; steel wheels; wagon wheels; old sled; grinding wheel; walk behind plow; Oliver tractor parts; 10" forks; Esab slide winder 55; wheels & tires; building material; shop fans; anvil; trunk; lg. Cedar chest; Beverly metal shear; & more.

### HESSTON MACHINE & WELDING

STAN SWARTZENDRUBER, SELLER

VAN SCHMIDT • Auctioneer/Real Estate  
7833 N. Spencer Road, Newton, KS 67114  
620-367-3800 or 620-345-6879  
[www.hillsborofreepress.com](http://www.hillsborofreepress.com)  
Schmidt Clerks & Cashiers/Lunch provided

TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

### HAY SAVER BALE FEEDERS

HEAVY DUTY HORSE FEEDER.....	\$625.00
HEAVY DUTY SINGLE BALE FEEDER .....	\$595.00
SINGLE CONE INSERT .....	\$395.00
HEAVY DUTY DBL. BALE FEEDER.....	\$995.00
DOUBLE CONE INSERT .....	\$695.00
BIG SQUARE BALE FEEDER.....	\$595.00

### FEED BUNKS & PANELS

20' PIPE BUNK OPEN END 24".....	\$475.00
20' PIPE BUNK CLOSED END 24".....	\$525.00
20' BOTTOMLESS GROUND HAY FEEDER..	\$825.00
20' LONG X 24" PIPE BUNK W/NECK RAIL OR HEAD FENCE .....	\$695.00

Call for Current Prices!

## LARGE ESTATE AUCTION

**SATURDAY, JUNE 27, 2020 — 9:30 AM**

AUCTION LOCATED just West of Hwy. 99 & Charles Street in the South end of FRANKFORT, KANSAS • Lunch on grounds

SALE ORDER: Tools 9:30 AM. Household 11:00 AM with second auction ring. 1:00 PM Tractors, Car, Boat & Fishing Items.

### ANTIQUE TRACTORS & CAR

- John Deere 3010 gas tractor with Syncra Range, wf, 3 pt., dual hyd. in rear; 3 front hyd. remotes, good shape, this tractor sells with a Great Bend hyd. loader with 6' bucket
- John Deere 2020 gas tractor, dual hyd., 3 pt., good 14.9x28 rear tires, 3 sets rear weights, sells with a JD No. 47 loader with 5' bucket (needs brake repair)
- Later model John Deere A tractor NF with add on 3 pt. hitch. These tractors have all been shedded and look good. Duncan front mount hyd. loader with trip bucket, fits H or M
- 1979 Ford LTD 4-door car with vinyl top, gold color, always in garage, 43,000 actual miles, no rust, very good condition.

### BOAT, MOTORS & FISHING ITEMS

Starcraft 16' motor boat with walk through windshield, Evinrude 70hp motor, 4 seats, fishing finding equipment, sells with boat trailer, good; Suzuki four stroke 9.9hp boat motor; other boat motors include Mercury 3.9, Elgin, Johnson Seahorse 6hp, Wards Sea King, Goodyear 2 cylinder; boat anchors; 40+ rods and reels; large box full of old reels; other fishing items; boat motor fuel containers; camping items; wooden skis; boat portable.

### ANTIQUE & COLLECTIBLES

Old International Harvester 1 1/2 to 2 1/2 hp type LA hit and miss motor, not running now; old Lauson 1 cylinder motor; old metal Plymouth spare tire cover with emblem; very old car grill with crank hole cover; Continental Illinois National Bank cast iron sign; old cast furnace grates; Imperial, Mobil, Coop, Conoco, Texaco, Wards motor oil cans; other old oil and fuel cans; ash bucket; hand well pumps and pipe jack; very old Cam tire changer, complete; 2 very old square tub Maytag wringer washers; several old wringers; old JD 2 bottom steel wheel plow; silage fork, antique 4-tine fork, block

& tackle, old wooden pulleys, old jacks; Model T rings and head gaskets; other Model T parts; new old stock oil filters; IHC hand crank corn sheller, good; kerosene cookstove fuel jar; pair of old tractor fenders; several pallets of Farmall H and M parts, some 560 parts; pallet of 2 point hitch items; some Farmall split weights; 560 NF end; later JD B block and head; other JD parts; old 4 bolt hubs and wheels; box of Farmall lights; Columbia 24 lb. scale by ounces; old walnut cracker; box of good antique wrenches; 3 old blow torches; hand crank grinder; porcelain drawer pulls; large belt buckle collection including: 1983 Hesston NFR 25th Anniversary Series buckle, JD buckle - approx. 100 total; 5 pocket watches, other watches; several boxes of costume jewelry; 4 old lighters; many Western bolo neck ties; John Deere DP steel wheel cast toy tractor; all metal toy tractor; copper car; old mantel clock; 2 old cream can stirs; 2 meat grinders; cistern pump; Leprechaun cookie jar; some handpainted china; 3 large boxes of Louis L'Amour Western books; approx. 10 boxes of Western paperback books; old 33 records.

### GENERATORS, POWER & HAND TOOLS

Honda inverter EU2200i and a Honda inverter EU2000i suitcase-style quiet portable generators, near new; 6-gallon poly auxiliary fuel tank with connecting hoses; another gas portable generator on cart; Miller Thunderbolt 225 amp welder; electric metal band saw; 4" wood planer; Skil 14' metal chop saw; belt disc sander; Craftsman table saw; 6" bench grinder on stand; Foley Belsaw Model 1055 Sharp-All; Skil 10" band saw; bench drill press; router table and router; Mac Tool box with 10 bottom drawers and 6 top drawers; gas powered lawn edger; other metal tool boxes; 2 wood lathes; 3 paint guns;

C-clamps; 3 battery chargers (1 is new); several levels; many, many hammers, pliers, screw drivers, hand wrenches, pipe wrenches, long handled tools, several hand braces and auger bits, many metal drill bits, sharpening stones, bolt cutters, files, plus many electric tools and lots and lots of misc. shop items; key hole saws and hand saws; Zip Saw; metal parts bin; 5-drawer metal cabinet for tools; electric leaf blower; shop vac; hyd. jacks and floor jack; brass fittings; 1/2" drive electric impact wrench; deep well 1/2" impact sockets; other sockets; Dremel tool.

### HOUSEHOLD (To start selling at 11:00 AM)

Very nice 6-drawer dresser with beveled mirror and 4-drawer chest; bookcase bed, nice; blonde bedroom set; small and larger flat screen TVs; nice divan; kitchen table with 4 chairs; unique old lamp; Eden Pure electric heater; assorted kitchen items; Whirlley Pop popcorn popper; silverware; small meat slicer; plus other kitchen and household items; hand crank and electric ice cream freezers; propane cooker.

### MISCELLANEOUS

3 propane wall heaters; 2-wheel dolly; 3 rock polishing tumblers (little, medium, big); New Flo Jet water system pump; cement bird bath; older battery operated wheelchair (no battery); 8' Ford pickup bed 2-wheel trailer, good; Super Glide Safety 5th wheel camper trailer hitch for shortbed pickup; another 5th wheel hitch; several assorted piles of used lumber; ladder jacks; pile of old bricks and concrete blocks; 7 small sections of spike tooth harrows; 12.4x38 tractor tire; pallet of hub caps; 7 pair of rear tractor chains; pickup parts (running boards, etc.); electric motor cement mixer; old automotive light bulbs.

**SELLER: A.A. (BERT) WESSEL ESTATE**  
 For more information, please call  
 Larry Wessel, 785-562-8177 or Jim Wessel, 785-556-0131  
 Terms: Cash or Valid Check. Not Responsible for Accidents or Theft. Statements made sale day take precedence over printed material.

Auction Conducted By: **CLINE REALTY & AUCTION, LLC**  
 Onaga, KS • 785-889-4775  
 John E. Cline, Broker/Auctioneer, 785-532-8381  
 Austin Cline, Auctioneer, Frankfort, KS, 785-565-3246  
 Website: [www.clinerealtyandauction.com](http://www.clinerealtyandauction.com)

Place your Classified Ad Online  
[www.grassandgrain.com](http://www.grassandgrain.com)

## NOW IS A GOOD TIME TO GET RID OF UNUSED ITEMS ON THE FARM

# GRASS & GRAIN Classifieds

are the perfect way to do it!

### CLASSIFIED LINER ADS:

65¢ per word.  
 Discounts available for pre-paid ads that run 2+ weeks.

Visit us online, give us a call, stop by, or fill in and mail the ad form on page 16 to submit a classified liner ad.

### CLASSIFIED DISPLAY ADS:

\$10.50 per column inch.  
 Discounts not available.

Give us a call, stop by, or contact your Grass & Grain sales rep to place a classified display ad!

[www.GrassAndGrain.com](http://www.GrassAndGrain.com)  
 785-539-7558  
 1531 Yuma St • Manhattan, KS 65502

CLASSIFIED LINER ADS look like this. First line is in all-caps and bold. No other formatting available. Pay by-the-word. Words counted by a space. Phone numbers or words separated by a dash are 1 word. Words separated by a backslash are counted as 2.

CLASSIFIED DISPLAY ADS LOOK LIKE THIS!  
 • Includes a defining border around the ad.  
 • Pay by the inch.  
 All formatting is available. Photos/ logos optional. Can be 1 or 2\* columns wide.  
 \*Depending on classification

Color is now available for classified display ads!  
 \*Color is \$15 per inch. Ad must be at LEAST 1colX3.5" to run in color in the classified section.

# American Lamb Board member profile: Jeff Ebert, St. George

Jeff Ebert of St. George is new to the American Lamb Board (ALB). He began his first term in January 2020.

But Jeff is certainly not new to the sheep industry. His family has been in the business since 1957. He and his daughters, Christine and Monica, continue to operate Ebert Sheep Farm, where they run 90 registered Hampshire and Shropshire ewes, specializing in selling breed-



ing stock to smaller producers. He is past president of the Kansas Sheep Association, Kansas Sheep Council, and was American Sheep Industry

Association executive board member from 2015 to 2019. He is executive secretary of both the American Cheviot Sheep Society and American Hampshire Sheep Association (AHSA). He works through AHSA to register livestock from 35 different breeds around the country.

Jeff is excited to see producers, especially young producers, take an interest in American

Lamb. The same goes for consumers.

"I was in Washington, D.C. lately and was surprised at the number of people who said they enjoy lamb and have made it one of their go-to meat options at the store," says Jeff. "That's something you wouldn't have heard ten to 20 years ago."

He hopes to help ALB continue to get the word out about lamb - from his own small town to nation-

al chain restaurants and grocery stores. He would love to see American Lamb in every supermarket meat case and on the menu of every restaurant and fast food chain. "If we had the supply," adds Jeff.

Jeff is prepared to tackle the challenges presented by an industry that encompasses everyone from the niche producer to the large commercial operation, not to mention

multiple breeds; and the need to make a return on investment on American Lamb mandatory checkoff assessments.

"We have to try to meet everyone's needs with the resources we have," says Jeff. "My goal is to make as many people aware of American Lamb as we can. If they try it at an event, and half of them try it again, we've accomplished something."

## Dr. Bob Hines Kansas Swine Classic transitions to virtual show for 2020

Kansas State University Department of Animal Sciences and Industry will be hosting the 2020 Dr. Bob Hines Kansas Swine Classic virtually. This transition to a virtual format will include a showmanship contest, prospect and market hog shows, as well as a skillathon and photo contest.

"Last year, the Dr. Bob Hines Kansas Swine Classic

attracted 156 exhibitors showing 317 pigs from 45 counties," says Joel DeRouche, KSU ASI professor and event coordinator. "Currently K-State has a policy that on-campus personnel cannot host large in-person events until July 31. Thus, we are not able to host the 2020 event at the Riley County Fairgrounds. However, we feel strongly the show must go on and have decided to host the 2020 Dr. Bob Hines Swine Classic as a virtual event."

Open to all Kansas youth ages 7 through 18 as of Jan. 1, 2020, youth must pre-enter online. After online entry and receipt of payment, exhibitors will be provided information via email for video requirements (regular show and showmanship division), submission process and details to successfully be entered in the show.

Along with the virtual prospect and market shows there will also be an opportunity for exhibitors to test their knowledge in the Swine Skillathon. This highly interactive event will offer three age divisions: 7-10, 11-14 and 15-18. The skillathon will be hosted virtually July 9. More details will be distributed via email to families who submit an online entry and payment for the show.

Another opportunity for exhibitors to be involved

## to virtual show for 2020

will be to submit up to two swine-related photos to compete in the photography contest. Submission and voting information will be provided to all exhibitors after their swine entries are complete. Future K-Staters who are under the age of 7 are invited to participate in the coloring contest. The coloring page is posted at bit.ly/Swine-ColoringPage. Kids who would like to participate should email their finished coloring page to Lois Schreiner at lschrein@ksu.edu by June 15, with their name, age and mailing address. All coloring contest participants will receive a prize.

All awards and results will be presented July 15 via Facebook Live.

Online entries are required and can be found at bit.ly/SwineClassicEntry. Payment to accompany entry receipt must be postmarked by June 15, 2020, and sent to 218 Weber Hall, 1424 Claflin Road, Kansas State University, Manhattan, KS 66506. Make checks payable to Kansas Swine Club. Fees are \$20 per head. Each exhibitor can enter up to four head.

For questions, contact Joel DeRouche, Extension swine specialist, at jderouch@ksu.edu or 785-532-2280; or Lexie Hayes, youth livestock coordinator, at adhayes@ksu.edu or 785-532-1264.

**(316) 500-6264**  
www.toplinebuildings.com  
sales@toplinebuildings.com

### STEEL BUILDING INVENTORY SALE

I-Beam Construction  
Easy Bolt-Up Design

40x65 • 60x90 • 100x150 • Many Others Available

## THIS WEEK'S KID'S CORNER IS SPONSORED BY:

**CHAN STOWELL (AGENT)**

785.537.0339  
785.537.0140 fax  
785.282.0666 cell  
chan.stowell@fbfs.com  
Serving North East Kansas  
Manhattan, KS 66502

Since 1954

# GRASS & GRAIN

Subscribe ONLINE at:  
[grassandgrain.com](http://grassandgrain.com)

## June is Dairy Month!

Enjoy these themed activities.

### June is Dairy Month!

Enjoy these themed activities.

### FARM & LIVESTOCK EQUIPMENT AUCTION

**WEDNESDAY, JUNE 17, 2020 — 10:30 AM**

LOCATION: From NESS CITY, KS South 11 miles to Co. Rd. 20, 1.5 miles West

TRACTORS, COMBINE & SWATHER, TRUCKS, LIVESTOCK ITEMS, VEHICLES, FARM EQUIP., TRAILERS, OTHER FARM ITEMS  
**See last week's Grass & Grain for listings or see website below**

**JIM & SHEILA VonLEHE, OWNERS 785-798-7171**  
*Auctioneers Note: Be on time not many small items on this auction!*  
NOTICE: Due to Covid-19, you are responsible for your own SAFETY & HEALTH. The auction company nor the seller will be held responsible. Social guidelines are in place, so please be respectful. We know auctions are a hard place to social distance, so we will have masks & hand sanitizer available.  
**BERNING AUCTION, INC., Leoti, KS 67861 \* 620-375-4130**

Check us out on Facebook & at [www.berningauction.com](http://www.berningauction.com)

### REAL ESTATE AUCTION

**TUESDAY, JUNE 30, 2020 — 6:00 PM**

AUCTION LOCATION: 27 Maple St. — COTTONWOOD FALLS, KS

**Home of the Late DAVID CROY**

This 2 story Victorian home built in 1904 has been in the Croy family for many years. It offers 2,826 sq. ft., 3 bedrooms, 2 baths+ a walk-up attic & partial basement. This home is full of character, quarter sawn oak trim, detailed inlaid hardwood floors, transoms, lead, stained and etched glass windows & more. **You will fall in love with all the architectural details.** Property sits on a 1/2 city block and includes a 38' x 30' Carriage house. **Take this opportunity to own a historic piece of Cottonwood Falls.** There will be a cooperation fee to any pre-registered real estate agent for representing the winning bidder. **BIDDING will be done curbside with social distancing in place, please, serious bidders only.**

**See website for full details & photos: [GriffinRealEstateAuction.com](http://GriffinRealEstateAuction.com)**

**HEIDI MAGGARD**  
Broker  
620-794-8813

**CHUCK MAGGARD**  
Sales/Auctioneer  
Cell: 620-794-8824

**Griffin Real Estate & Auction**

Office: 305 Broadway,  
Cottonwood Falls, KS  
66845  
Phone: 620-273-6421  
Fax: 620-273-6425  
Toll-Free: 866-273-6421

[griffinrealestateauction@gmail.com](mailto:griffinrealestateauction@gmail.com)

## All About Cows

Wisconsin is home to more than 1 million dairy cows - that's about as many cows as there are school children! Dairy farmers give their cows plenty of good feed, clean water and a comfortable place to live. Cows are milked 2 or 3 times each day.

**Choose a word from the word list to complete each sentence. Write the words in order from left to right along the chain, one letter in each hoofprint. Then, write the numbered letters in order to solve the riddle.**

- When full-grown the average dairy cow will \_\_\_\_\_ about 1,400 pounds.
- Dairy cows eat about 90 \_\_\_\_\_ of feed and \_\_\_\_\_ a bathtub full of water each day.
- Cows have \_\_\_\_\_ stomach compartments to help them digest their feed.
- Wisconsin cows produce 6 gallons of \_\_\_\_\_ each day - that's enough to fill about 100 eight-ounce glasses.
- Dairy cows spend an average of six hours each day \_\_\_\_\_ and eight hours chewing their cud. (Cud is food that is regurgitated from the 1st stomach to the mouth and chewed again.)

**Finish**

**Word List**

drink  
milk  
eating  
weigh  
four  
pounds

What kind of milk is used to make Swiss cheese?

" \_\_\_\_\_ " milk

1    2    3    4

Draw horns, nostrils, hooves, udders, a tail and spots on this cow!

Downloaded from [azcoloring.com](http://azcoloring.com) © Wisconsin Milk Marketing Board, Inc.

## AUCTION

**SATURDAY, JUNE 20, 2020 — 9:30 AM**

3200 Haskell Suite 1409 — LAWRENCE, KANSAS  
1 Block South of 31st Haskell. WATCH FOR SIGNS!

**TRAILER, TRUCK, ATV**  
Continental Cargo 7'x18' Enclosed Trailer rear & side doors/new tires & lights; 5x12 single axle trailer; 1998 Ford F150 XLT Truck V8, ex. cab w/3 door; 2014 Polaris Phoenix ATV 250cc w/ New Ambush Tires; JD Child's Gator 12V; Craftsman LT2000 Riding Mower 50 hrs. Like New!

**MUSIC**  
Ibanez Acoustic Electric Guitar; Epiphone Duff McKay Guitar (Guns & Roses Signed not authenticated); Willie Nelson Acoustic Guitar Autographed (authenticated); Yorkville 16 ch. self-powered 2k watt amp & mixing board; Carvin 15 in. PA monitors; Peavey Bass Amp; Yamaha G100-212 amp; Snare drum; drum hardware; mic stands & cables; 3-tree guitar stand; Xbox 360 Rock Band instruments.

**COLLECTIBLES, OFFICE, TOOLS, ETC.**  
Vintage barber chair; milk cans; Grocery Store porcelain scales; Pickle Bar Bicycle; milk cans; wash tub; horse collars; oil cans; Jr. Fire Chief Helmet; 60's Soft Drink Cooler; Hot Wheels T-Bird Toss-Up w/box; Hot Wheels in-side track w/box; Model Cars; Mickey Mouse items; NSYNC doll JC Chasez; Toys: 60's Nylint Bronco Pet Model, 1/16th Scale w/boxes: True Scale Hay Elevator, Case-IH Magnum 7250 50th Ed., Case-O-Matic 800 Toy Farmer, MF 3660, MF 398, MF 670, Case 3294, JD 6000/7000 series, several smaller cars/tractors/etc.!: SUZY Homemaker w/attachments; Kenner Easy Bake Oven; 60's Fisher-Price Parking Garage; **40+ Signs/Displays:** Skoal, Marlboro, Street, Phillips 66, Ducks Unlimited, Pizza Inn, Red Bull mini-cooler, etc.!: Custom Made Bull Riding Chaps; Uline-Wire Rack Shelves/Roller Bench/24 Bushel Cart/Pallet jack/2 poly Carts/Shipping Cart; round retail clothing racks; gondola shelves & stands/cross braces & retail shelves; numerous shelves/etc.!: 20+ computer monitors; digital mailing scales; label printers; office chairs/printers/scanners; cash register; 12 commercial cabinets; file cabinets; large & mini refrigerators; Kenmore front load washer; Makita tile saw; Ryobi table-saw; 16/20/24 ft. ex. ladders; folding aluminum loading ramps; pallet shelves; Craftsman/Porter Cable hand & cordless tools; hardware of all sorts; David Bradley lawn tractor (parts no motor); **many items too numerous to mention!**

**AUCTION NOTE: Many Unlisted Items! Preview Begins at 7:00 A.M. Day of Auction ONLY!**  
**Due to Covid 19 we are taking precautions for the health and well-being of our Customers & Staff.** Out of the abundance of caution and in accordance with local, state federal guidance/recommendations in place please follow the social distancing while attending. We ask everyone to please do what is best for themselves & if in doubt, please stay home. Thanks for your patronage and cooperation in the New Normal of the Auction Industry! **Concessions: Meadowlark 4-H**

**ELSTON AUCTIONS • (785-594-0505) (785-218-7851)**  
**"Serving Your Auction Needs Since 1994"**  
**Please visit us online: [www.KansasAuctions.net/elston](http://www.KansasAuctions.net/elston) for 100+ Pictures!**





**Babe**

Years ago the movie *Babe* was nominated for several Academy Awards including Best Picture. It was very popular and made a lot of money. It stars a pig named Babe. A gilt to be more specific... a feeder pig maybe weighin'

80-100 lbs. But it was a cute pig. It talked, of course, was kind and brave. And to top it off it did heroic deeds and yet maintained a sensitivity that would make the Pope blush.

All this anthropomorphism, giving a pig human

qualities, is necessary if movie makers expect an audience to relate to the hero. It made me wonder if the movie, *Babe* had a deleterious effect on the price of pork. I made a couple calls but the Pork Producers were non-committal. They had an up market this spring. But I would not have been surprised if it had. The sheep and veal people have known for years that it is hard to convince the public to eat something cute.

Rabbit raisers are careful to avoid any advertis-

ing including the words BunnyBurger or BBQ'd Bunny Ribs or Bunny on a Grill. Even in the frozen north they've never developed a market for the Baby Seal Club Sandwich. Australians have never had trouble eating lamb, mostly because they're so numerous over there they are thought of more often as ants or roadkill. Yet in my three trips 'Down Under' I saw no Koala Kabobs. Too cute.

The Chinese seem to eat anything under the sun from thousand-year-old

eggs to objects that crawl on the sea floor but I've never heard of a Panda Patty.

The reverse is also true... that it is easier to eat something less cuddly. That may be part of the success of the chicken business. In books, movies and stories, chickens are seldom portrayed in flattering roles. They're usually stupid or pompous, i.e. Foghorn Leghorn, Chicken Little, Huey, Dewey and Louie. Even the Little Red Hen turns out to be a Republican.

The eel is another good example. The oyster, the goat, fish in general, most reptiles and the Spotted Owl in certain parts of the country.

But I do suspect the Pork Producers were worried about their business while *Babe* was showing in thousands of theaters to hundreds of thousands of young impressionable kids. Had to be. I know French restaurateurs worried when the *Black Stallion* was showing.

www.baxterblack.com

**Kansas 4-H moves summer camp online; organizers launch month-long campout in June**

By Pat Melgares

Kansas 4-H youth are still going camping this summer, though it may not be the way they have been used to doing it.

Amy Sollock, the southwest regional specialist for Kansas 4-H Youth Development, said the state's largest youth organization will be celebrating the benefits and traditions of camp on social media during the month of June.

"We've been camping at the Rock Springs Ranch (near Junction City) for almost 75 years, and it's one of our very beloved and time-honored programs," Sollock said. "We love going to 4-H camp at Rock Springs and the benefits that our kids get from camping at Rock Springs

are tremendous. There's just nothing like it."

In April, K-State Research and Extension announced that it was ceasing all in-person activities in Kansas at least through July 4. "Like everyone, we were pretty bummed that we would not be able to camp this year, but we understand the reasons why. The health and safety of our participants, volunteers and staff comes first."

Sollock said the state's 4-H leaders, like others throughout the organization, got together and developed ways in which they could still celebrate some aspects of 4-H camp and teach the values the experience offers.

"So," she said, "for

the entire month of June, we are going to have all kinds of fun content that we're going to push out through social media, including some fun challenges and videos to celebrate what summer camp is all about."

There is no charge or registration needed to follow along on social media, Sollock said, and many of the activities can be done right in 4-H members' backyards. She urged youth to follow Kansas 4-H on Facebook to be part of the fun, and to share their own experiences by posting on social media with the hashtag, #4HCampLivesOn.

"We are going to have a backyard photography contest, and the state 4-H

Youth Council has planned a virtual camp song challenge," she said. "We are hoping it becomes one of those challenges that goes viral and can provide kids with a lot of humor as we sing our silly camp songs."

Sollock said plans are in the works to create videos that will be recorded from popular sites at Rock Springs such as the flagpole, campfire circle, water wheel and Palomino horse herd. "There are some cool things in the works," she said.

Kansas 4-H will offer several outdoor education videos on topics normally taught at camp such as using sunscreen and bug repellents, the importance of drinking water, fishing tips and bike safety. Kan-

sas 4-H will also promote opportunities for service activities in local communities.

"We want to give kids a chance to celebrate what they're missing out on this year," she said. "We know that 4-H camp is a favorite activity for many kids each year."

"We've seen some really creative efforts from kids and families, volunteers across the state as we navigate this situation that none of us have ever lived through before. There's a lot of fun that can be had right in your backyard."

Sollock also made a prediction: "4-H Camp 2021 is going to be stronger than ever and I don't think we'll ever be so excited for a 4-H camping season as

we will be next year."

For more information regarding opportunities available to youth in Kansas, visit [www.Kansas4-H.org](http://www.Kansas4-H.org).

**GRASS & GRAIN**

**Subscribe today at 785-539-7558 or online at [grassandgrain.com](http://grassandgrain.com)**

- Classifieds
- Our Daily Bread
- Baxter Black
- Yard & Garden Tips
- Auction Listings
- Special Issues

**Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY**

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

**RECEIPTS FOR THE WEEK 541 CATTLE**

<b>STEERS</b>		4 blk	Bennington	1356@71.00
500-600	\$167.00 - \$176.00	1 char	Little River	1415@71.00
600-700	\$135.00 - \$147.00	1 bwf	Cimmaron	1310@70.50
		1 wf	Cimmaron	1255@70.50
<b>HEIFERS</b>				
300-400	\$147.00 - \$151.00			
400-500	\$145.00 - \$151.00			
500-600	\$130.00 - \$140.00			
<b>MONDAY, JUNE 1, 2020:</b>				
<b>BULLS</b>				
1 blk	Clay Center	2195@103.00		
1 red	Salina	2055@102.50		
1 blk	Barnard	1720@97.00		
1 red	Abilene	1835@96.00		
1 blk	Lorraine	2140@95.00		
1 red	Abilene	1855@94.00		
1 wf	Lorraine	1895@94.00		
1 red	Abilene	1605@93.00		
1 blk	Lindsborg	1605@93.00		
<b>COWS</b>				
1 red	Abilene	1640@78.00		
1 bwf	Lincoln	1380@74.50		
1 blk	Tampa	1275@74.00		
2 red	McPherson	1478@74.00		
4 mix	Salina	1731@74.00		
1 char	McPherson	1335@74.00		
1 blk	Tampa	1530@74.00		
1 red	Geneseo	1365@74.00		
1 blk	Salina	1290@73.50		
1 blk	Durham	1760@73.50		
1 blk	Aurora	1465@73.00		
3 blk	McPherson	1723@73.00		
2 mix	Salina	1498@73.00		
2 blk	Solomon	1355@73.00		
1 blk	Salina	1540@73.00		
1 blk	Lincoln	1305@72.50		
1 bwf	Marquette	1275@72.00		
1 wf	Salina	1275@72.00		
1 blk	Geneseo	1275@71.00		
<b>CALVES</b>				
1 blk	McPherson	360@650.00		
1 blk	Salina	305@600.00		
1 blk	McPherson	300@585.00		
3 blk	Salina	303@575.00		
1 blk	Ellsworth	250@535.00		
1 blk	Minneapolis	260@525.00		
1 blk	Osborne	290@525.00		
1 red	Gypsum	145@510.00		
1 blk	Russell	305@510.00		
2 blk	Russell	248@510.00		
1 blk	Salina	200@475.00		
1 red	Hope	175@460.00		
1 char	Minneapolis	270@450.00		
1 red	Canton	205@435.00		
1 rwf	Hope	165@410.00		
1 red	Concordia	135@300.00		
1 blk	Hope	105@275.00		
1 red	Hope	90@225.00		
1 blk	Longford	100@210.00		
<b>STEERS</b>				
4 red	Lindsborg	525@176.00		
8 blk	Russell	516@171.00		
10 red	Lindsborg	573@167.00		
4 blk	Lyons	518@165.00		
5 blk	Longford	634@147.00		
<b>HEIFERS</b>				
2 char	McPherson	420@151.00		
3 red	Lindsborg	352@151.00		
4 blk	Russell	321@147.00		
5 char	McPherson	487@145.50		
5 blk	Longford	534@140.00		
2 blk	Barnard	440@138.50		

**IN STOCK TODAY:**

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

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

**SALE BARN PHONE: 785-825-0211**  
**MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY**  
 Hogs sell at 10:30 a.m. *on the 2nd & 4th Monday of the month.*  
 Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

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

**AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD**

For a complete list of cattle for all sales check out our website [www.fandrive.com](http://www.fandrive.com)

**CATTLE USA.com LIVE CATTLE AUCTIONS**

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

**EARLY CONSIGNMENTS FOR MONDAY, JUNE 8, 2020**

- 8 Heifers 800-850
- 55 S&H long time weaned, open 900-950
- 35 Black Steers 800-850
- 30 Steers 750-900
- 5 Cows
- 25 Black Heifers long time weaned, vacc, open 775
- 50 Heifers long time weaned, vacc, open 525
- 12 Heifers 850
- 4 Cows on feed
- 3 Angus 3 yr old cows, coming w/2nd calf, heavy springers
- 8 Heifers home raised, open 750
- 75 Heifers long time weaned, open 725
- 5 pairs, 3-5 yrs, knife cut, all worked for grass, calves Simm sired
- 65 Black Steers 800
- 125 Mostly Black Steers 800-850
- 40 Black Steers 675-725
- 62 Black Steers 850
- 185 Black & CharX S&H long time weaned, home raised 600-700
- 40 S&H 800-1000
- 45 Steers off grass 800-850

**UPCOMING SALES:**

**\*\* MONDAY, JUNE 8 will be the Last Sale Until THURSDAY, JULY 9th! \*\***

**This is Due to Remodeling Our Sale Ring!**

**SPECIAL COW SALES: SALES START at 11 AM**  
**WEANED/VACC. SALES: SALES START at 11 AM**

For Information or estimates, contact:

**Mike Samples, Sale Mgr., Cell Phone 785-826-7884**  
**Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901**

Jim Crowther 785-254-7385 Roxbury, KS  
 Lisa Long 620-553-2351 Ellsworth, KS  
 Cody Schafer 620-381-1050 Durham, KS  
 Kenny Briscoe 785-658-7386 Lincoln, KS

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

Kevin Henke 785-729-3473, C: 785-565-3525 Agenda, KS  
 Austin Rathbun 785-531-0042 Ellsworth, KS

