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Beef Improvement Federation announces new board and officers ship, BIF has raised the

ment Federation (BIF) announced new directors and officers June 8 during the group's annual meeting and symposium, hosted virtually this year.

Joe Mushrush, Strong City, was introduced as the 2020-2021 BIF president during the Monday session. Matt Perrier, Eureka, is the new vice president.

New directors elected to serve on the BIF board were producers John Irvine, Manhattan; Troy Marshall, Burlington, Colorado; and Joy Reznicek, West Point, Mississippi. New association representatives elected were Shane Bedwell, Ameri-



Joe Mushrush

can Hereford Association; Kelly Retallick, American Angus Association: and Matt Woolfolk, American Shorthorn Association.

Bob Weaber, Kansas



Matt Perrier

State University professor, was announced as the new BIF executive director. Weaber will be taking the reins from Jane Parish, Mississippi State



University, who served as executive director from 2015-2020.

"Jane has been a great leader for the organization, and we are grateful for the years she dedicated to BIF," says Tommy Clark, 2019-2020 BIF president. "Under her leaderbar in member services as well as its communication and marketing efforts to members, the board and the organization's part-Also retiring from the

staff after 18 years of service to BIF is Lois Schreiner. From 2002-2020, Schreiner served as executive assistant to several directors and has been integral in BIF's success.

"Lois is phenomenal," says Weaber. "She has been the heart and soul of BIF and the behind-thescenes contribution she has made to BIF for the past 18 years is immeasurproducers, academia and industry representatives registered to participate in the organization's 52nd Annual Research Symposium-Online. BIF's mission is to help improve the industry by promoting greater acceptance of beef cattle performance evaluation.

For more information about this year's symposium, including presentation archives and award winner releases, visit // BeefImprovement.org/ symposium.

The 2021 BIF Convention and Research Symposium will be June 22-25 in Des Moines, Iowa.

shoes donated to frontline workers

U.S. Soy is helping bring comfort to health care professionals who are working tirelessly on the front lines during COVID-19. Okabashi, an American company that counts on U.S. soy for all its sandals, pledged to donate up to 10,000 pairs of soy-based sandals to health care workers for every order placed through its website or Zappos.

"We've already donated over 5,000 pairs so far, and still counting!" said Okabashi president Kim Falkenhayn. "We are sending them all over the country. Now more than ever, we're all in this together."

Only 2% of shoe companies operate in the U.S., and Okabashi is proud to source American materials, including U.S.-grown soybean oil. Okabashi committed to producing their footwear with sustainable and renewable materials using soybean oil to displace petroleum. The company's shoes are approximately 45% U.S. soy by weight. U.S. soy meets Okabashi's high standards for performance, offering both strength and softness, as well as qualified them to be recognized as a USDA Certified Bio-based Product in the USDA's BioPreferred Program.

With large-scale soybean production in the U.S. — U.S. soybean farmers produced more than 11 million metric tons of soybean oil in 2018 alone — Okabashi has the reliable supply of materials they need for this largescale donation.

Customers can purchase a pair of soy sandals for themselves and write a note of encouragement to a health care worker who will receive a pair directly from Okabashi with the personal message. The soy checkoff is proud to recognize a U.S. soy customer that is donating soy-based products to the health care sector. The health care and agriculture industries share a commitment to the safety and security of our communities, while bolstering our economy during these difficult times.

"It's neat to see the soybeans I grow not only being used in a unique way that supports demand for our product,



Okabash is an Amerian company that uses U.S. soy to produce its sandals. The company pledged to donate up to 10,000 pairs to health care workers on the front lines of the COVID-19 pandemic. Courtesy photo

but also to support frontline workers during this crisis," said soy checkoff farmer-leader Belinda Burrier. "It's one of the reasons I'm proud to grow soybeans. It shows the importance of continuing to look for new ways that U.S. Soy and our partners can give back to communities across the country."

This donation is just

one of the many that U.S. Soy is proud to be a part of. With other partners, soybean farmers have helped provide meals of U.S. pork to food-insecure families through the Drive to Feed Kids program and bottles of soy-based hand sanitizer to the New York City Fire Department, facilitated by the National Biodiesel Board. The New York Corn and Soybean Growers and SYNLawn, a company that uses U.S. soy in its artificial grass, also joined NBB and the New York Fire Department Incident Management Team to provide hundreds of meals from New York restaurants to firefighters, dispatchers, mechanics and other essential employees.

"These donations showcase not only the versatility and growing industrial uses the soybean checkoff is working to secure for our farmers, but also the sense of community U.S. Soy has with these partners," said USB vice president of communications and marketing strategy Mace Thornton. "We've made it a priority to leverage these partnerships and collaborations to expand the use of soybean oil and step up in times of need."

USB regularly collaborates with companies such as Goodyear on research to learn how to incorporate soy into new technology. Today, there are more than 1,000 different soy-based products available, including everything from turf grass to machinery lubricants to asphalt. USB is committed to continuing its work to research, develop and expand new uses, build demand for U.S. soybean farmers and improve infrastructure to outlast times of crisis. To learn more about these innovations and soy-based products, visit soynewuses.org or unitedsoybean.org.

Ag Economic Outlook: the impact of COVID-19 on the remainder of 2020

Back in February, the U.S. Department of Agriculture (USDA) was projecting a \$3.1 billion increase in net farm income this year. Then COVID-19 emerged. Prices for hogs, cattle and dairy collapsed. Ethanol returns dipped into the red. Futures for staple commodities like corn and soybeans plummeted.

As of this publishing, the USDA had yet to issue its re-forecast. However, a private forecast from the Food & Agriculture Policy Research Institute estimates farm income to drop roughly 11% from the US-DA's original projection.

That kind of sudden, unexpected reversal of fortune typically leads to one thing: demand shock.

That is one reason why many economists are now talking more about a U-shaped recovery curve than a V-shaped curve. Still, it is nothing more than a guess since so many unknowns persist.

"Trying to figure out the true extent of COVID-19's impact is like staring into a deep, deep mist," said AEM director of market intelligence Benjamin Duyck.

In the meantime, Duyck offers analysis of the "U.S. Ag Equipment Forecast" from Oxford Economics, a leader in global forecasting and quantitative analysis. Oxford generates forecasts for a variety of potential scenarios. Its baseline forecast calls for a 15% decrease in gross U.S. ag equipment output in 2020, followed by a strong rebound in 2021. Oxford's most negative outlook pegs this year's decline at 26%. "But even those more negative outlooks have us rebounding 6-10% in the following years," Duyck pointed out.

For more information and resources on COVID-19, visit the COVID-19 section on the AEM website.

March Madness, **April Optimism**

Speculation aside, existing data shows the stinging impact of COVID-19 in the month of March.

AEM's monthly "U.S. Ag Tractor and Combine Report" shows that farm tractor unit sales were down just under 1% for January-February as compared to the previous year. In March, sales plunged 15.6%. Self-propel combines had a rougher Q1 all around. Sales were down 22.6% in January-February, and another 11.9% in March. "Although the March numbers were likely impacted by COVID-19, it is still too soon to tell the ongoing impact of this crisis on ag equipment sales," Duyck said.

April's data showed signs of promise. Farm tractor unit sales were up 12.3% from April of last year. Self-propel combines climbed 4.1%.

Also in April, AEM conducted a survey to gauge the attitudes of equipment manufacturer CEOs. Nearly everyone (95%) felt that COVID-19 was having a "very negative" impact on the overall economy. However, far fewer (57%) felt like the equipment industry was being hit in a very negative way. Furthermore, less than half (45%) felt like their individual company was being hit unusually hard, and just 31% felt like their supply chain was being very negatively impacted. Generally speaking, the majority of CEOs felt like COVID-19 was having a "moderately negative" impact on the ag equipment business environment.

As difficult as it is to look into the deep mist of the COVID-19 economic crisis, the CEO survey helps bring a few things into focus. Roughly 62% of CEOs anticipate improvements through the remainder of the year, while just 11% see things as getting worse. Roughly 27% expect

things to remain the same. In an effort to shed light on the immense impact of the current COVID-19 pandemic and help ensure the safety of its member companies and their em-

ployees, AEM offers on-demand webinars to provide timely information and insights during these challenging times.

Pandemic-Accelerated Pricing Pressures The COVID-19 crisis

• Cont. on page 3

Living the Dream



Eight-year-old Cody Geisler, Randolph, enjoys spending summer evenings fishing in his family's pond. He is the son of Grass & Grain sales representative Kurtis Geisler. Photo by Melissa Geisler

Patience and Precaution

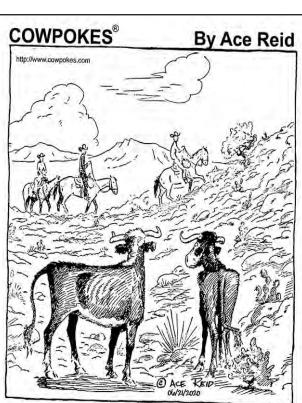
By Glenn Brunkow, **Pottawatomie County**

Wow, we blew right through spring and are and in the Farm Bureau world that means annual meeting time is right around the corner. Annual meetings are vital in the something many members look forward to. It is a time our organization but also a time to fellowship with our

Just like our policy positions, the decision on each county's annual meeting is left up to the grass-

roots level and your local board is deciding what your meeting will look like

Some may decide the risk is low in their county and continue with their traditional annual meeting. and that is fine. However, many of our local boards will decide a different mode of annual meeting needs to happen this year. It may be a business-only the time we spend together and therefore lower the I suppose some may take the route of a "virtual" annual meeting utilizing the technology available to us.



"What an economical breed—they thrive on hot weather, prickly pear and alkalai water!'

tion and may be the best in some areas. No matter what type of meeting your county

That is the lowest risk op-

decides to have, you can rest assured the board did it with the health and well-being of their fellow farmers and ranchers in mind. It may not look like the annual meeting we are used to, and that may be a cause of disappointment. Hopefully it will be a onetime measure. You can rest assured that the decision was made after a great deal of thought and planning with the best interest of everyone in mind. On a similar note, con-

tinue to check in with us on news about Kansas Farm Bureau's Annual Meeting. That seems like a long way down the road, but I am sure that December will be here before we know it. Just know your state staff and board members are also watching the situation

Tools to cope with stress are available to ag producers

aging agent, Wildcat **Extension District** Stress can take a toll on the body's physical and mental well-being with potentially disastrous results. Our friends in the agricultural community may be feeling it especially high right now. Just as farms and businesses need to be operated in a sustainable way that preserves resources for the long term, an individual's life needs to be managed in a sus-

tainable way for long-term

well-being. Feeling over-

ly tired, overwhelmed by

stresses or under constant

pressure is not a recipe for

a sustainable lifestyle.

adult development and

Farmers and agricultural professionals have careers full of uncertain-With changing weather patterns, fluctuating schedules, low commodity prices, and now a global pandemic, mental health for so many is being tested like never before. To help anyone involved in agriculture manage the challenges, several agencies and organizations have come together with Kansas Ag Health Resources to help provide a path toward good mental health. If you are like me and

need some simple ideas to get you started, "My Coping Strategies Plan" provided by North Dakota State University Extension Service and K-State Research and Extension is a great thing to have in your wellness toolbox. The great thing about the plan, is it gives us choices that can fit our own situation and personal style. The handout breaks the strategies into six categories. Physical, Mental, Emotional/Spiritual, Personal/Relational, Work/ Professional, and Financial/Professional. Under each category there is a list strategies for you to choose from. Check it out here: https://bit.ly/timeto You can personalize

your plan by selecting and prioritizing a few strate gies for each category from the "Coping Toolbox" list. Try it out with someone you trust to assess and encourage progress in your Be sure to start small

and build up! If nothing else, make time for things you enjoy. Even if it's just 15 minutes a day, set aside time to do something you find fun or relaxing-it will release chemical messengers in your body that are good for your physical and mental health. You and your family are worth it! Please do not hesitate

to contact me for more information, Tara Solomon-Smith, Adult Development and Aging Agent, tsolomon@ksu.edu or 620-724-8233.

closely and developing alternate plans with the Prairie Ponderings hope they're not needed. I promise you when a decision is made, it will be just like the one at your county level and have the I write this today in a state of extreme frustration.

has not received their papers, and for that I apologize. We have never done anything like this before The June 2 papers that were only supposed to go as because we have never far as Topeka then sent out for distribution, were seen anything like this be accidentally sent by the post office to the Kansas City fore. Patience is a virtue. processing center, where for a while no one could and we want to make sure find them. The June 9 paper seemed to be on a better that all members are safe and healthy. Hang in there, track, as it arrived here at our office in Manhattan take the proper precautions and we will all make it through this healthy and happy and ready for annu-

"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.

best interest and safety of

all members in mind.

and some of the surrounding towns on Tuesday. Then our phone started ringing, and it appears there was another large area that did not receive it. Our readers are upset, as are our advertisers. Most of the callers al meetings in 2021. It will are cordial, and understand that we are doing our best. We get the paper to the printer on time each week, and it goes to the post office every Monday morning right on time. I spend hours every week talking to our postal representatives and anyone else who might be able to help me. I've contacted Senator Moran's office, and this morning sent a letter to the Postmaster General.

By Donna Sullivan

A portion of our readership for the past two weeks

I would like to tell you of some other steps we've taken to try to speed up delivery. Our troubles began several years ago when the USPS closed the Topeka processing facility and everything had to go to Kansas City. That delayed delivery by at least a day. When we started printing in Kansas City, we thought that having the paper originate there, rather than here in Manhattan, would actually be a positive. It wasn't. The paper needed to be verified and they weren't able to do it in a timely enough fashion for it to be delivered anywhere close to on time. So we changed our printing day from Monday morning to Saturday night and moved up our deadlines. We now have an employee who works late Friday night and early Saturday morning to finish up the ad for one of our advertisers in order to make it work for them. After the paper is printed, we pay to truck it to Wichita, where we pay a labeling company to come pick it up, label it and take it to the Wichita post office, where it is verified. Our postal rep set up the system of some of the papers going to Topeka for distribution, and

that seemed to work pretty well. Until it didn't. I have been told the pandemic has altered operations and delivery routes for the postal system, which has caused these delays.

I tell you all of this only so you know that we are taking this very seriously. We appreciate our subscribers and advertisers very much and realize the paper's value to you depends on its timeliness. Believe me, I will not let up until things improve.

Please understand that my staff is very dedicated and doing their best to produce the paper and have it delivered to you each week. We've never missed a deadline. Also, I want to point out that these widespread issues are not the fault of your local post office. The papers are not getting to them for distribution.

The two postal representatives I work the most closely with have told me they are meeting with management in Kansas City to try to identify and resolve the issue with delivering our paper. They also believe that as things move towards normalcy after the coronavirus, service will improve.

Lastly, if you use the internet at all, I would really encourage you to sign up for our online edition. It arrives in your email inbox each week on Monday afternoon. It's free to our print subscribers, and would at least ensure you don't miss anything if delivery of the print issue is delayed. It's very user-friendly and has some cool features, like live links that open a separate page when you click on them, so you can visit an advertiser's website without losing your place in the paper. Just call our office at 785-539-7558 and we will get you set up.

Thank you for subscribing and thank you for your patience as we work to resolve our delivery issues. We appreciate you very much.



We are smack dab, right in the middle of hay season and this past week has been one of the best weeks to hay in recent memory. The hay is just perfect in its maturity, the conditions are right, and I am baling up some of the best brome hay I have ever baled. Life is good and we are rolling through the hay and the cows will be happy this winter. Well, if you know me well enough, you know that the other shoe is about to drop.

Sunday, I had planned to bale the hay I had mowed and raked and then quit and checked cows the rest of the night. Generally, I do not like to work on Sunday, but hay and harvest seasons are the exceptions to the rule. I did not have much to bale and if I waited it would be too dry on Monday. I was nearly done and about to head home when I got a call from a neighbor. He had some bad luck and had a few acres of hay that needed baled and wanted to know if I could help. I have to admit that it was nice to be on the other end for once; it seems like I am always asking for help and it was nice to be able to help someone else for a change. The hay was baling-perfect and even with the added acres I should still have time to check my cows. Life I finished my hay, fueled up and drove

up to the neighbor's field. I started down through the field when it happened maybe a couple hundred yards in to the field. I heard the bang and felt the jerk and looked back just in time to see the baler separate from the tractor. My reflexes are not very good, but it did not take me long to stop. I climbed out of the tractor while the dust was still clearing to assess the damage. It was probably

The drawbar on my tractor had broken. I have had my share of breakdowns over the years, but this was a new one to me. I turned my attention to my baler and looked over the wreckage. I was expecting to find broken hoses, cords and maybe even a bent hitch. At that moment and just for a fleeting moment I wished I had been selfish and not offered

to help. I had a lot of hay to bale and now

I was sunk

In the meantime, my neighbor had seen things were not right and had come over to my aid. We both looked the situation over while he apologized profusely. Somehow everything had just come unhooked and had not broken. The only damage beside the drawbar I could find was the plastic around the monitor cord. Changing the drawbar out was just a simple pin and would only take five minutes or so and the monitor cord would also not be hard to fix. It looked like I had come out of this as well as could be expected. That is when my neighbor noticed something. "That doesn't look right," he said as

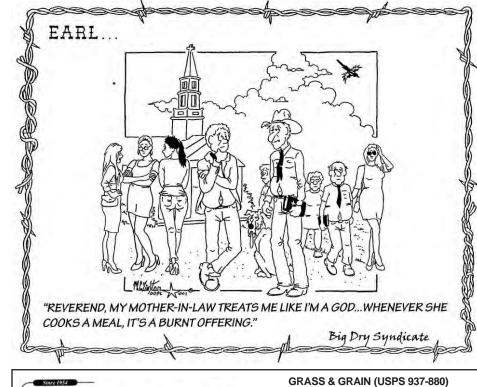
he pointed at my right rear tire. Sure, enough I was missing several bolts that held it on to the rim and others were loose. My back tire was held on by two bolts. The tire had not had any vibrations, wobble, or anything to make me think there was anything wrong. However, the realization hit me, when those two bolts would have given out things would have been a lot worse. At that point I told my neighbor that he sure did not have anything to apologize for; he might have saved my life.

If the drawbar had not broken at that very moment, I might not have noticed the bolts until it was too late and depending on the situation it might have been very bad. It's funny how fast we can go through a range of emotions. I went from being glad to help someone who surely would have pitched in and helped me if I had needed it, to upset about my bad luck to instantly knowing how lucky I was and grateful that things had worked out like they did.

It is a message our messed-up world should hear now. By trying to help someone out I probably saved my own life. That is an interesting thought, maybe by helping another human being we are not only benefiting that person but we, ourselves, are also gaining. It probably does not always work out that way, but I bet we would all be surprised if we saw just how much better the world is when we

take care of one another. I know I got

that message last Sunday.



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has stifled a considerable

amount of economic activity while also forcing changes in consumer behavior. A trickledown effect has reached virtually every corner of the ag industry — only the "trickle" has been more like a mudslide.

On the supply side, immediate impacts have been a loss of marketing outlets, reduced processing capacity, labor supply restrictions, border restrictions and transportation issues. In the longer-term, supply side challenges are led by ongoing pricing pressures.

Take ethanol, for example. As the economy has contracted, so has fuel consumption. Ethanol producers have been hit hard. Futures prices were down 23% in mid-May. "That is naturally going to have impacts on demand for corn," said Dr. Robert Johansson. chief economist for the

Like ethanol, corn futures prices have also fallen dramatically (19%). Several other commodities have been hit just as hard, if not harder:

• Class IV and III Milk down 42% and 33% • Hogs now down 30% after bottoming out down

almost 50% • Cotton now down 20% after bottoming out down

• Cattle now down 17% after bottoming out down

"There have been some exceptions," Johansson pointed out. Soybean futures are down 13%, while wheat and sugar are down just 6% and 3%. "We have actually seen increased demand for rice," Johansson added. "We have also seen global controls on rice exports being im-

USDA announces improvements to Livestock Risk Protection Program

USDA's Risk agement Agency has announced changes to the Livestock Risk Protection (LRP) insurance program for feeder cattle, fed cattle and swine starting this summer with the 2021 crop year. Changes include moving premium due dates to the end of the endorsement period, thereby putting it in line with other policies, and increasing premium subsidies to assist producers. Those with an 80% or higher coverage level will subsidy increase. These improvements are expected to be implemented by

Producers may buy LRP insurance throughout the year from approved insurance providers, with coverage prices ranging from 70% to 100% of the expected ending value of their animals. At the close of the insurance period, if the actual ending value is below the coverage price, producers will be paid an indemwhich is serving to push up the global price for rice (by roughly 15%)."

In addition to crop commodities, livestock processing plants have also been hit hard.

Through May 6, beef slaughters were down 31% from a year ago, while pork slaughters were down 34%. Chicken slaughters fared far better, down 3%, largely due to the more "regional" nature of the poultry business. On a positive note, several processing facilities that were forced to shut down have since reopened. How fast they make up lost ground remains to be seen.

"We are starting to see some operations resume," said Dr. John Newton. chief cconomist for the American Farm Bureau Federation. "Mid-May was the first time in a while where 100% of plants were operational, though many were still not operating at full capacity. Still, we started to see that weekly slaughter rate start to improve - though there is still a long way to go before we return to where we were before the outbreak.'

But progress is progress, helping any economic recovery curve start to take shape.

"We still expect to see a year-over-year increase of beef, pork and broiler production in the U.S.," Johansson added. "Total meat production is expected to be up 3% to 108 billion pounds. We also anticipate a 2% increase in milk production to 222 billion pounds. Now, those volumes may fall. Why? We have seen some significant disruptions at milk processing plants, as well as beef slaughter facilities. Pork plants have also faced some significant dis-

ruptions." The ability of various elements of the supply chain to function "norquickly the broader agriculture industry can embark on a sustained path

of recovery. AEM is pleased to offer its latest Machinery Outlook Reports, which provide timely information and insights into macro-economic drivers and the major events - including the COVID 19 pandemic - impacting the agriculture and equipment sectors.

Supply chains and inventory channels

In looking at results from AEM's April survey, the CEOs of ag equipment manufacturing companies remain concerned about potential supply chain disruptions. Roughly 55% of CEOs are concerned about customer deliveries being delayed due to a lack of production, while 33% are concerned about an inability to simply schedule deliveries. Roughly 42% of CEOs are concerned about procurement obstructions due to suppliers not being deemed "essential businesses," while 31% are concerned about an inability to receive deliveries.

According to Todd Van Hoose, president and CEO of the Farm Credit Council, supply chain interruptions have been a big challenge. A tremendous amount of food production was geared toward the restaurant and grocery channels. When restaurants were effectively forced to close down around the country, the supply chain quickly backed up.

Just think about what this seismic, "stay at home" cultural shift has already had on society. In 2018, Americans spent \$1.7 trillion on food. Roughly 39% of that was spent at restaurants, with another 37% spent at grocery stores.

"What we immediately saw with the stay-at-home orders was a need to move products originally consumed in the restaurant channel over to the grocery store channel," Newton said. "That created some supply chain issues. Quite frankly, some of the processing plants were not fabricated to package product in retail sizes. This is what created the first backlog in the supply chain."

Grocery stores ultimately saw a sales jump of 27% in March, while restaurants saw a 25% decline. However, the net effect was that fruit, vegetable and livestock producers began seeing less demand for their products.

"We are advocating that Congress take a direct hand and provide assistance beyond what it has already provided," Van Hoose said, adding that the discussion has moved far beyond "policy debate" as to whom should receive assistance. "We are now talking about how to preserve the American food supply chain. Bigger producers are actually losing the same amount of money per head as smaller producers. Those bigger producers who supply 80% of our food need assistance,

Van Hoose also had some concerns about specialty crop producers.

"Specialty crops have been flying a bit under the radar, but are also having enormous problems," Van Hoose pointed out. "Specialty crop turnover has to be pretty quick. The supply chain disruptions we've been seeing, especially with the restaurant industry, often result in producers having nowhere to go with their product. Fruit is just spoiling and vegetables are simply being plowed back into the

Looking ahead into summer, Van Hoose says the Farm Credit Council has most of its financing packages in place, and will continue to do what it can to support agriculture businesses. But when you put a pencil to it, it's hard to envision many businesses making any kind of profit this year.

significant "Without support from the federal government, we are going to continue to see great disruption out there in farm country," Van Hoose



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Marlene Eck, Moundridge, Shares Winning Recipe For This Week

Winner Marlene Eck, Moundridge: "A Souper end to Summer.'

CHILLED CITRUS BORSCHT 16-ounce jar pickled beets

1 1/2 cups orange juice

3 tablespoons lemon juice 1 cup fat-free sour cream

1 1/2 cups fat-free yogurt (reserve the 1/2 cup for garnish)

Salt & pepper to taste

3 tablespoons chopped chives

In a blender puree beets, orange and lemon juices, sour cream and 1 cup yogurt. Add salt and pepper. Chill 2 hours or more. To serve, top with a dollop of reserved yogurt and the chives. Serves 4.

Millie Conger, Tecum-

DR. PEPPER SHEET CAKE

2 cups flour **2 cups sugar**

1 teaspoon baking soda 1 teaspoon cinnamon

1 cup butter, cubed 1/4 cup baking cocoa 2 large eggs

2 cups Dr. Pepper

Icing: 1/2 cup butter, cubed 1/3 cup Dr. Pepper 1/4 cup cocoa

3 3/4 cups powdered sugar

1 teaspoon vanilla 1 teaspoon cinnamon

1 cup chopped pecans

Set oven 350 degrees.

Grease 15-by-10-by-1-inch sheet cake pan. Whisk flour, sugar, baking soda and cinnamon in a saucepan. Mix Dr. Pepper, butter and cocoa; bring just to a boil. Add to flour mixture stirring until moistened; whisk in eggs. Put in pan and bake 18-22 minutes or until tests done. Mix butter, Dr. Pepper and cocoa in a saucepan. Stir over medium heat until smooth. Transfer

* Long Term Care

* Final Expense

to a bowl and beat in powdered sugar, cinnamon and vanilla until smooth. Let cake cool completely and then spread frosting over cake. Sprinkle with pecans.

McReynolds, Hays:

CHICKEN SPECTACULAR

3 cups cooked chicken (bite-size pieces)

1 can French-style green beans, drained 1 box long grain rice (Uncle

Ben's) 1 can cream of celery soup

Chicken broth 1/2 cup mayonnaise

1 small can water chestnuts, sliced

tablespoons pimento, chopped

onion. tablespoon chopped

Cook rice in broth, after removing fat. Mix all together and place in casserole. Bake 30 minutes at 350 degrees.

Rose Edwards, Stillwater, Oklahoma:

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1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear, 2. Be sure your name, address and

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delivery. Allow 3-4 weeks for delivery.

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3. Send it to: Woman's Page Editor, Grass & Grain,

Prize for JUNE 2020!

"Our Daily Bread"

Recipe Contest Prize

NEW Grass & Grain Cookbook

3-ounce package dry apricot or peach gelatin 8 ounces Cool Whip

10-ounce package

marshmallows 3 cups cubed peeled fresh apricots

In a large bowl add yogurt to gelatin. Stir until smooth, about 2 minutes. Stir in Cool Whip, marshmallows and apricots. Refrigerate about 4 hours or

Darlene Thomas, Delphos:

15-MINUTE TEX-MEX RICE CASSEROLE

until firm.

2 cups cooked brown rice 1 1/2 cups tomato salsa

1 teaspoon chili powder 15-ounce can black beans. not drained

7-ounce can or 1 cup frozen whole kernel corn

2 ounces sharp Cheddar cheese, sliced 1/4-inch thick

tablespoons chopped black or green olives Combine rice, salsa,

chili powder, black beans and corn. Spoon into a 8-by-8-inch shallow casserole. Top with sliced cheese then olives. Microwave on high for 12 minutes until heated through and cheese is melted.

Kellee George, Shaw-

CHERRY CREAM CHEESE PIE

8-ounce package cream cheese

1/2 cup powdered sugar 1 teaspoon vanilla

8-ounce carton Cool Whip 9-inch graham cracker pie crust

1 3/4 cups cherry pie filling In a bowl beat cream

cheese and powdered sugar until smooth. Beat in vanilla. Fold in Cool Whip. Pour into crust. Top with pie filling. Refrigerate at least 2 hours.

Gin Fox, Holton: BEST FRENCH TOAST **EVER**

1/2 cup melted butter (1 stick)

1 cup brown sugar

1 loaf Texas Toast

1 1/2 cups milk

1 teaspoon vanilla Powdered sugar for sprin-

kling Melt butter in micro-

gle layer of Texas Toast in pan. Spoon half of egg mixture on bread layer. Add 2nd laver of Texas Toast. Spoon on remaining egg mixture. Cover and chill in refrigerator overnight. Bake at 350 degrees for 45 minutes (covered for the first 30 minutes). Sprinkle with powdered sugar. Serve with warm maple syrup. Kimberly Edwards,

Stillwater, Oklahoma:

FRUIT COCKTAIL **SALAD**

2 eggs

3 tablespoons lemon juice 2 tablespoons butter

5 tablespoons sugar

32-ounce can fruit cocktail,

drained 1 cup miniature marshmal-

lows 1 cup Cool Whip

Cook eggs, lemon juice, sugar and butter in a double boiler. Beat until thickened. Cool and fold in remaining ingredients. Chill.

Another recipe from **Darlene Thomas, Delphos:**

SKILLET CHICKEN **PARMESAN**

1/4 cup grated Parmesan cheese

1 1/2 cups tomato & basil pasta sauce

1 tablespoon olive oil

1 1/2 pounds skinless boneless chicken breast halves

(4 to 6) 1 1/2 cups shredded mozza-

rella cheese

Stir 3 tablespoons Parmesan cheese into pasta sauce. Heat oil in a large skillet over medium-high heat. Add chicken. Cook 10 minutes or until browned. Pour sauce mixture over chicken. Cover and cook over medium heat for 10 minutes or until chicken is no longer pink. Top with mozzarella and remaining Parmesan. Let stand 5 minutes or until cheese melts. Serves 6.

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He is not afraid to

work hard. My dad owns

his own company bury-

ing underground utili-

ties, he plows snow in

the winter, farms and

can build and fix just

about anything. He

never seems to stop, yet

he never misses the im-

was for a man to treat a

woman with respect. My

dad is surrounded by

strong-minded and stub-

born women. Everyone

from my mother, to my

grandmas, to my aunts,

myself and my nieces,

we are all incredibly

strong willed. He em-

braces it, he loves us all

through it and does his

absolute best to even

encourage us to be who

what unconditional love

and support looks like.

In some of the hardest

moments of my life, he

has been the first one to

show up, he will always

be one of the first ones

to show up. I never have

to question his loyalty

or the fact that he has

always got my back and

that is something I will

it is okay to embrace the

silly side of life and to

laugh. I might share his

"stranger danger" men-

tality of letting people

in, but when you're in,

you're in for good and

once he has let you in,

you quickly realize he

is one of the funniest

humans ever. He laughs

at the most inappropri-

ate times and if he can

get a reaction out of

you, you better believe

he's going to do it, but

mean place, it's always

what compassion looks

like in so many ways,

but especially in his

He has shown me

done in fun.

He has shown me that

forever treasure.

He has shown me

we are.

He showed me what it

portant moments.

Every little girl must love of animals. There learn somewhere what isn't a thing in the world they are looking for in he wouldn't do to help an animal (or a human their future forever person. Some look to their for that matter) and pergrandpas, brothers, unsonally, I think that says cles, dads, could be anya lot about a person's one or anything. For me, character. I was lucky enough to He has shown me have the best dad in the what a good partner looks like by watching world to show me what a decent man looks like.

him and my mom work through this crazy thing called life for all of these years. It wasn't always a walk in the park, but with love, dedication, and the willingness to work at it, they have always found a way to make it work. He has shown me what a good dad looks like and that by find-

ing the balance of fun and discipline you can raise decent kids who turn into good productive adult members of society. Good adults that will hopefully eventually give him more of his favorite job, of being a grandpa. I will never know how

I got so lucky to end up with him as a dad, but I am so thankful that I did. Life is better with him in it and the world is blessed with his presence. The woman that I have grown into will probably spend forever looking for someone even a fraction of the quality of my dad, but I can assure you, when I find him, my dad will be there (probably a little too excited) to help ensure that he is a man worthy of his only daughter.

Happy Father's Day to the best dad in the world, you are truly the

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 it never comes out of a and food can be followed on Instagram: boobs-

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

ANOTHER RECIPE REQUEST

A Grass & Grain reader has submitted a recipe request as follows:

"Hello! I have been looking for years to replace an Apple Torte recipe that I used to have which originated from your paper. It was made with lots of cream cheese, nuts and apples in a springform pan. If anyone could locate that recipe, he or she would be my hero for life. Worst thing is that it was probably published at least 15 years ago. Thank you so much!"

If anyone may have saved the same recipe or have one similar, please help her out by sending to Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR e-mail at: auctions@agpress.com **THANK YOU**



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1 cup apricot yogurt wave and add brown sugar; stir until mixed. Pour butter/sugar mix into bottom of a 9-by-13-inch pan and spread around. Beat eggs, milk and vanilla. Lay sin-

Frugal Foods: Spend Less Get More For Your Dollar

During the coronavirus pandemic, it has become even more important to find ways to get the most for our grocery dollars. Building meals based around the most low-cost, health-promoting foods is one way to cut costs while still providing good nutrition for our families. So let's discuss some so-called "frugal foods."

The following foods are among the least expensive, great tasting, and most health-promoting foods available. They offer great taste while packing a nutritious punch. Try them for breakfast, lunch, supper and snacks.

Apples and Bananas. They are a perfect on-the-go snack. Both are satisfying and a sweet nutritional powerhouse which can be eaten either raw or cooked in a variety of ways. Eat one alone or add to salads, desserts and baked goods.

Beans. Beans offer dietary fiber, protein and antioxidants that help fight disease. Canned beans cost about 30 to 35 cents per serving. Dry varieties that you cook yourself cost even less. Serve them as a main dish, side dish or healthy addition to a soup or salad. Keep them on hand to pack into brown bag lunches and to make quick suppers.

Brown Rice. With a slightly nutty taste, brown rice is a fiber-rich whole grain that is more nutritious than white rice. Brown rice can be served with cinnamon and milk for breakfast, used to complement a variety of entrees, and as a flavorful addition to soups, stews, casseroles and salads.

Canned Tomatoes. Canned tomatoes make a great base for countless main dishes, dips, sauces, soups, stews and chili. Tomatoes are rich in vitamin C and lycopene (two healthful antioxidants). Buy them without added salt if pos-

Canned Tuna. Tuna offers high protein at a low cost. The versatile fish is a source of vitamin D, low in calories and fat, and lends itself to sandwich fillings, salads and main-dish casseroles. Tuna is also a good source of heart healthy Omega-3 fatty acids.

Eggs. Eggs are a relatively inexpensive high protein food. Boiled, fried, or scrambled - eggs cook quickly. They are perfect for breakfast, lunch or sup-

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per. For variety, try French toast, huevos rancheros, or egg salad.

Fat-free Milk. A natural convenience food, fat-free milk offers a healthy dose of vitamin D, calcium, protein and potassium. Milk is important in building and maintaining healthy bones. Serve fat-free milk as a beverage with meals and snacks, and use in soups, smoothies and desserts.

Kale. Kale is one of the least costly green vegetables you'll find. Kale is easy to serve stir-fried with a small amount of vegetable oil and garlic, lightly steamed, or as a colorful addition to salads. Kale is even good used as a topping on home-made pizza, or in green smoothies.

Potatoes. White potatoes and sweet potatoes are satisfying and are high in dietary fiber, vitamin C and potassium. They can be baked, boiled, steamed, mashed, pan or oven-fried, roasted, or added to soups, stews, and casseroles.

Rolled Oats. At just a few cents per cup, rolled oats is a heart-healthy whole grain with 4 grams of dietary fiber. Rolled oats also offer complex carbohydrates that break down slowly to provide lasting energy and stave off mid-morning hunger. A perennial hotcooked cereal, oats also can be included in such foods as breakfast bars, breads, rolls, cakes, cookies, meatloaf and more.

Building meals and snacks around these "frugal foods" helps ensure good nutrition for your family yet allows you to spend less on those weekly trips to the grocery store.

Find more information about these topics and others, by contacting the Wildcat Extension District offices at: Crawford County, 620-724-8233; Labette County, 620-784-5337; Montgomery County, 620-331-2690; Wilson County, 620-378-2167; Pittsburg Office, Expanded Food and Nutrition Education (EFNEP), 620-232-1930. Wildcat District Extension is on the web at http://www. wildcatdistrict.ksu.edu. Or, like our Facebook page at www.facebook.com/wildcat. extension.district.

For more information, please contact Barbara Ames, Family and Consumers Sciences Agent, bames@ ksu.edu, 620-331-2690.

Spring spraying



By Lou Ann Thomas

For the first time in several years I planted a small garden. In the past, I have planted more than I needed, or could easily tend. That meant by the time I weeded, tilled, bent and planted until I could hardly rise from a sitting position or lift my arms above my head, I was ready to abandon the project.

This year I used better judgment and a fair amount of discretion in how much I planted. I'm hoping that means I will get more out of the garden than a couple highly priced tomatoes. So far, I've been sticking with it and am keeping up on the watering and weeding. I've also already harvested a couple jalapeno peppers, some spinach and a heap of kale. I don't really like kale, but I know it's good for me so I planted some. Just my luck, it looks like I am a grand success at growing it.

Gardening always brings back happy childhood memories

of working in our large garden with my parents. Well, they are happy memories now. I'm not so sure I thought spending every evening working in the garden was my idea of happy as a kid, but, now, I cherish those memories. My father always put in

a garden by the country edict of planting two rows for us, two rows for the neighbors, and two rows for the wild things, which sometimes can also neighbors. Our garden would include all of that, plus a few more rows just for good measure. would hoe,

weed, water, harvest and consume what we had grown as a family, and working together toward a common goal for our common good was a valuable life lesson. Not only do tasks move more quickly with all hands involved, but there is also a feeling of teamwork and cooperation.

We grew enough vegetables to keep us in fresh produce all summer and fall,

and then my mother would can and pickle enough for us to make it through the winter. Maybe it is the uncertain time that we live in, or all the down time I've had on the farm lately, but I felt the pull to once again plant a garden.

Gardening allows me the opportunity to feel a deeper connection to the food that sustains me as well as with the earth. So as the earth warmed this spring I couldn't resist the urge to dig my hands deep into rich soil and plant some of my own food. I like to think of it as planting seeds of hope. And, boy, can we all use a little more of that growing right now!

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!!



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be received by June 24th, 12 p.m. for a chance to win! Email recipes to auctions@agpress.com OR mail them to:

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is the third of our fourweek 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

Lippert Grain Company is a family-operated grain elevator in Green, Clay County, for 70 years. It holds generations of family and community memories, as well as up to 1.6 million bushels of grain.



Warren and Maxine Lippert were married in 1944 and started Lippert Grain Company in 1950.

Photos furnished

This aerial photo of the town of Green was taken in 1955, five years after Warrer and Maxine Lippert purchased the grain elevator and became partners in the Lippert Grain Company.

"When I look at our community, we want a family grain elevator," said Jim Lippert, current owner. "We have a responsibility to do the best job we can."

The deep respect for producers sets the family and business apart.

"There are not finer people anywhere than farmers," Jim said. "If they need to get one more load

in at harvest time, you stay and dump them.'

Wheat once carried a majority status early in the elevator's history, but now fall crops have taken on more volume.

"Wheat used to be our big thing, but it is much more now with soybean and corn," he said. "We dump more wheat in one day now than we did in an entire harvest from when

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we started. I'd say wheat is down to like 25% of what it

used to be." For three generations, the Lippert family has passed down the elevator. starting with Warren and Maxine Lippert, her first husband and parents to five children, before she married Howard Friederich. Then, Jim and his wife Judy took on the elevator and now it's with their sons Jav and Justin.

Jay is married to Christine and has a son, Jarrett. Justin and his wife Brandi have two sons, Evan and

"It's all grown a lot in the 70 years and we've seen so many things change, but it's still Lippert Grain," said Jay, current co-man-

> Starting Young On May 25, 1944, Warren

• Cont. on page 7

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A more recent aerial shot shows the expansion of Lippert Grain Company in

and Maxine married and lived four miles north of Green for two years, then moved to Morganville. In 1950, they purchased the grain elevator in Green and became partners in the Lippert Grain Company business.

Warren drove a truck hauling grain out as the railroad service didn't support the small community. Maxine ran the elevator office. She managed the harvest season.

"Little pickups and trailers brought the grain in," said Bev Caley, their daughter and Jim's sister. 'During wheat harvest, we'd be open until past midnight or more."

Jim reflected on the early wheat harvest summers at the elevator, located on the main street in Green.

"I remember all of the people waiting to dump," Jim said. "We had so many farmers out there bringing wheat to town. It was a big deal; much more so than now. Harvest was something with neighbors helping neighbors all the time. There was always someone there to help you out."

Family Operation

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Working with their parents, all of the Lippert children, Janice, Jim, Vonda, Bev and Barbara, took on responsibilities to help around the family enterprise.

"I tried to please my



The Lippert siblings pictured are, standing: Jim, Janice, Vonda and Bev. Seated: Barbara and their mother, Maxine.

folks as much as I could to be helpful," Jim said. "I did whatever they told me and kept on moving."

As a child, Bev remembered her folks working hard, as well as her broth-

"If he wasn't in school, Jim was working with my dad in the truck, at home or at the elevator," Bev

said. "I remember the old wooden scale, but then Grandpa Lippert built a new concrete one."

From an early age, Jim and his sisters worked on the elevator crews at harvest time.

"I helped get the pickups in the hoists to dump," he said. "I swept every kernel out. There were often gunny sacks covering the cracks to shake out. A lot of women drove with lots of kids. It was a wild time with lots of entertainment and adventure."

The early days of the elevator were influenced by Warren and Maxine, who enjoyed the piano, gardening, canning, raising livestock, family activities, and polka music. The family enjoyed large Christmas gatherings with Santa, gifts and church, and a 25-person Easter egg hunt.

"My grandparents liked to have fun with polka dances at the Legion Hall every week," Jay said. "It was always fun around

• Cont. on page 8



Find out how we can be



ippert Grain serves community for generations

Firework Traditions

Beverly remembered when the Lippert girls would be restless in the summers and seek out entertainment of their own at the best place in town: the elevator during harvest.

"We lived real close in Green, and we walked down to the elevator all the time," Bev said. "Everyone would be in and out. So my folks said, 'You girls are always down here, and you might as well do something."

Bev said that her dad took her to get a fireworks stand beside the elevator.

"We went to a wholesaler and got all sorts of fireworks," Bev said. "We sold them at a stand in Green for years with my sisters, kids and others. We started in the 1950s and kept it going until about three years ago."

After wheat harvest each year, the family took out everything they didn't sell to their grandparents to have a spectacular show of their own

"That's how it got started with us kids down at the elevator all the time," Bev

Another tradition came a little later in the summer with an annual journey to deliver Colorado peaches.

"My dad would go to Colorado to bring peaches back from a place called Palace Aid," Bev said. "They'd go to a certain peach orchard at the right time when the starch just turned to sugar."

Lipperts brought back a semi load of hand-picked peaches to share with everyone in the area.

"The call would go out on the old party phone lines with everyone listening," Bev said. "People would line up with bushel baskets. We'd unload the peaches off the truck, and they'd still be cold." Jim remembered the

pandemonium and joy of sharing the best peaches on the planet!

"I would ride with them on a good number of trips," Jim said. "We left the tarp off in the mountains to cool them off and drive through the night. We'd be home at 8 a.m. to have people come and

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exciting times in Green, The family, especially

the girls, froze and canned the bruised peaches to have year-round.

"They were so deli-

by the time we were done! That was a special thing connected to the elevator.'

Love through Tragedy

When Warren passed away from a sudden heart attack in 1962, he left with the business and five children to Maxine.





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knew the office when my dad died at 40," Bev said. "But everything was in his name. She even signed her name as Mrs. Warren Lippert, so she had a difficult time to put it all in her name after he died." Widowed at the age of

36. Maxine stepped up. "It just wasn't done at

that time for a woman to take it on," Bev said. "But she managed it and ran it herself. She knew how to do it." "I looked up to her all

the time," Jim said. "I'm not sure I appreciated the woman she was until later in life. She was a tough lady to be in that position.' The Lippert family also

had an elevator in the small community of Lasita until 1962. 'Jim was about 14, and

he ran it for harvest and that was the last year we had it," Bev said.

Warren's legacy continued with his family.

"You know what I say about losing my father: it was hard," Bev said. "But for 12 years, I had the best. He was the greatest dad." In 1963, Maxine married

Howard Friederich. Howard eventually became her partner in the elevator business and stepfather to her five children. She was widowed again after 33 years of marriage in 1996.

Maxine retired from the elevator in 1995 after 45 years in the grain and livestock business.

Passing the Torch

In 1995, Jim and Judy bought the elevator, after running a trucking and livestock business on the side. They have expanded the scope and footprint of the elevator.

'We've put up big steel bins in the last 20 years," Jay said. "Starting with 400,000-bushel capacity, we're now at 1.6 million bushels. Wheat is about 30%, beans are 50% with corn and milo are the rest.

Brothers Jay and Justin handle the daily operations.

"It's hard to tell who will answer the phone around here," Jay said. "We're all pretty much full-time. The best part

are the farmers coming in.

Some have passed away; but others are still going.'

"I hope they've made the right choice to come back to Green," Jim said. "I tried to give them as much responsibility as they could handle. Jay, the older son, worked with his grandma for years. When she was ready to sell, he came back home from K-State to run it. Justin finished at K-State as well, and he's back now too. We couldn't do it without **Current Operations**

These days, Judy helps

with the office and grandkids. Jim can be found behind the wheel of a semi hauling grain to ADM or Cargill, the big buyers, in Lincoln, Wichita or Kansas "I still drive a truck

a lot," Jim said. "I leave Green in the morning and go all over. The truck has always been a big part of what we do. Whatever comes in has to be hauled off. The truck side has been with us for a while." In addition to the eleva-

tor, Jim and Judy were in the livestock business for 30 years.

"For five years, we tried to do both, but we could see it was too much so we concentrated on grain," Jim said. "The small scale livestock industry has changed. It was a good time to move on."

Community Vitality

Green has been not just a central place for the business hub, but a true community bringing the Lippert family back home.

"I hope we've been part of keeping the town alive when many small towns aren't," Bev said. "For 70 years, we've been going strong.

Faith played a big part in the Lippert family story.

"Mom was proud that the elevator had a cross on the top of it. It lit up on the south end of Green, and a Christian school that was near to her heart was at the north end," Bev said.

The family and elevator are synonymous with a long-standing tradition of serving others for 70 years.

"We're blessed to live

in Green and make a living," Jim said.

Hays research center to release new hard red wheat

A researcher at the Agricultural Research Center in Hays has taken a good thing and made it even bet-

Wheat scientist Guorong Zhang announced in early June that he is ready to release a hard red winter wheat variety that is suited for the drier, western Kansas climate. The new variety does not yet have a name, but it builds off the success of a hard red wheat released just one year earlier, KS Dallas.

"This variety has high yield potential and strong resistance to wheat streak mosaic virus, similar to KS Dallas," Zhang said. "But it also has good resistance to stripe rust, Hessian fly and soilborne mosaic virus, which KS Dallas does not have."

In trials held from 2017 to 2019, KS Dallas averaged yields of 79.8 bushels per acre, giving Zhang a pretty good indication of the yield potential for his new variety.

He is expecting to apply to the K-State plant genetic material release committee for its release this summer and if approved, the variety will be named and foundation seed released this fall, he said.

The wheat improvement program at the re-

search center in Hays has been developing varieties suited to western Kansas since the early 1900s. The center works in cooperation with the wheat improvement program at K-State's main campus in Manhattan, which focuses on new varieties for cen-

program's goals for hard winter wheat include high yield, good end-use qualities and drought tolerance. Historically, researchers there have focused on varieties that carry resistance to wheat streak mosaic virus, Triticum mosaic virus, barley yellow dwarf virus, stripe rust, leaf rust, stem rust and Hessian fly.

gram shifted its focus to hard white winter wheat varieties, which are thought to provide superior flour for such products as yeast breads, hard rolls and noodles. Recently, however, Zhang said the program is shifting more efforts to improve its hard red varieties, which are in higher demand among farmers. For more information





tral and eastern Kansas. Zhang said the Hays

In 1987, the Hays pro-

on the wheat breeding program at the Agricultural Research Center in Hays, visit its website or call the center at 785-625-3425.



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Indianola Gold!

In bold capital letters the caption in the June 12, 1895, edition of the Topeka State Journal read, "LIKE CAPT. KIDD." Like a trailer for one of today's adventure movies the buildup continued, "Buried Treasure Said to Have Been Dug Up - Near Ancient Indianola, on the Old Military Road. - SE-QUEL OF DAYS OF '53." The buildup continued for another seven lines of sensational descriptions of what was waiting to be digested in what certainly would prove to be an

sure a short distance beyond Topeka's city limits.

Shawnee County Sheriff Dave Burdge was awakened early Sunday morning, July 9th, by J. Q. A. Peyton who had found a mysterious excavation a few miles north of Topeka. The remnants of the old military trail that connected Fort Leavenworth to Fort Riley could be identified in a pasture owned by W. W. Philips. At a fork in the trail an old elm tree had long been a landmark in the area, until two years before, in 1893, when it was

cut down. But the large stump had already taken its place as a continuing landmark reminiscent of days of old.

Near the stump under what would have been the spreading branches of the old tree were four large holes, "five feet deep and nearly as many square." The imprint of a "a very large demijohn," was found in the dense subsoil at the bottom of one of the holes, and the imprint of an iron kettle was found in a tunnel that had been dug toward one of the other holes. A demijohn is a glass container with a long neck, usually protected with a wicker covering. "Mr. Peyton explained to a JOURNAL reporter today that the earth was marked perfectly, showing that there had been really two kettles, turned one on top

of the other."

A Mr. Wellman who pastured cows in the Phillips pasture noticed the first hole in mid-April, followed by a second hole a few days later. The neighbors, out of curiosity, began to watch the place. Two weeks later a third hole was found and mysany strangers in the area. Wellman found the

fourth hole that contained a perfect mold of an old-fashioned demijohn of huge proportions on June 4th. Being somewhat excited, Wellman called on several neighbors to view his find. It was decided to not speak of it any further. and watch for the diggers more closely. Sunday morning, June

9th, one of the neighbors, Pete Lawrence, discovered the beginnings of a tunnel and within, the imprint of the iron kettle. A blasting cap and evidence of sulfur on the ground indicated an effort to speed their work along. That was when Peyton went to Sheriff Burdge. Footprints were found in a nearby cornfield. In the woods on the other side of Soldier Creek disturbed ground indicated that a horse and buggy had been hitched

The Journal noted that "The people of the neighborhood have become very much excited over the discovery of these remarkable holes in the ground and the oldest settlers in that part of the county are connecting the disappear-

there for several hours.

Grass & Grain, June 23, 2020 ance of the \$75,000 in gold in 1853 with the recent find."

Captain Jack Curtis, the

father of then-Congressman and future Vice President of the United States Charles Curtis, recalled hearing the story after he arrived in 1856. "...the half breeds and the people who were here at the time," told of a robbery involving the United States Paymaster on his way to Camp Center (Fort Riley) west of Indianola, near St. Marys. The "road" was described by one traveler as "... an incessant crossing of creeks, sloughs, quagmires, swampy bottoms and rocky hollows, the en-

tire route.' Peyton added to the story, recalling two notorious Leavenworth gamblers at Indianola about the same time. Harper, who worked as a teamster during that time once carried "an enormous demijohn of whiskey" from Leavenworth to Indianola for one of the gamblers named Ferrell. Harper later wanted to buy the demijohn, but Ferrell curiously replied, "Why, we buried

Hundreds of people came out to see the diggings. After a few days, the excitement quieted down, and the location returned to its former pastoral serenity. But just as calm had returned, a visitor found a new excavation and evidence that a small box had been removed from the earth! The Journal playfully noted that the treasure watchers were kicking themselves over the box that could

have been so easily found. The July 21, 1895, report was the last account of Indianola gold printed in the Journal. There was no follow-up. Was it all a hoax? Who dug the holes? I could not find any evidence that the paymaster robbery of 1853 had taken place. Evidently the story of the robbery was just a story waiting to be retold

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.

exhilarating story of treateriously no one had seen that demijohn a long time otate corn for better soil health Twenty years in the making: Ro

Soil microbes are living, working barometers of soil health. They are responsible for turning atmospheric nitrogen into forms plants can use, and for releasing nitrogen back into the air. Farm management decisions undoubtedly affect these microscopic workhorses, but, until now, scientists didn't have a full picture of how crop rotation and tillage influence the soil microbiome.

"Most research on soil microbial health has been done in a lab or greenhouse setting, or in shortterm field experiments. Here in Illinois, we have a fantastic opportunity to look at what long-term farm management does to the soil," says Maria Villamil, associate professor in the Department of Crop Sciences at the University of Illinois and co-author on a new study published in Science of the Total Envi-

Leveraging a 20-year field experiment, Illinois crop scientists demonstrated significant risks associated with continuous corn rotations, both for the soil microbial community and for environmental health on a larger scale.

ronment.

"In order to maintain yield levels under continuous corn, more inorganic nitrogen is required, thereby intensifying the nitrogen cycle and causing a dangerous loop," says Gevan Behnke, lead author on the study and postdoctoral researcher in crop sciences. "The result is acidification and potential increases in nitrogen loss and harmful nitrous oxide emissions.'

Rotating corn with soybean for a year or more tempers the effect, the researchers found.

Illinois crop scientists first planted corn and soybean at the experimental site in 1996, with some fields in continuous corn, others in continuous soybean, and others rotating annually between the crops. Within each cropping system, fields were either not tilled or chisel-tilled each year.

Behnke analyzed soil samples taken from each field type in 2015 and 2016, extracting DNA and measuring physical and chemical properties.

"The DNA analysis was important because a lot of problems are related to the nitrogen cycle, whether that's nitrous oxide emissions, nitrate leaching to water bodies, or just a toxic build-up of nitrogen in the soil," Behnke says. "Therefore, we studied genes and microbial groups associated with fixation, nitrification, and denitrification."

The process of microbial nitrification turns ammonia fertilizer into nitrate, a much more mobile form associated with runoff and leaching. Denitrification, on the other hand, turns nitrate into gaseous forms, including nitric and nitrous oxide, a potent greenhouse gas.

Putting all the data together, the researchers found continuous corn increased soil organic matter and acidity, and led to an increase in microbes involved in both nitrification and denitrification. The researchers found the opposite pattern in continuous soybean, and intermediate results in the corn-soybean rotations.

"Previous studies have shown continuous corn emitting more greenhouse gases, but our study explained why on a microbial level," Behnke says. "It was good to see our results match up like that." No-till management in-

creased soil organic matter, which led to more acidic soils and an increase in the abundance of bacteria that turn ammonia into ni-

"Nitrogen is left on the soil in no-till fields, whereas tillage can really spread out that nitrogen throughout the top 10 centimeters. However, tillage by itself wasn't as strong a driver of microbial abundance as crop rotation," Behnke says. "Ultimately, reducing the number of corn years will help decrease the negative effects of continuous corn on soil

first-of-its-kind The study not only provides important foundational information about soil health in agronomic systems, it also establishes a baseline for iuture research. Villamil's larger re-

search program seeks to understand how cover crops affect soil microbial activity when added to corn and soy rotations. Her team recently published an analysis of existing re-

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search on the topic and completed two years of field sampling with cover crops at the long-term site.

"Big picture, we're looking at whether there's a potential to manipulate soil health and the microbiome with cover crops. In Illinois, we're kind of stuck with this system of corn and soybean. Our results indicate alternating corn with soybean might help, but they're really very similar crops, both very extractive," Villamil says. "We need to increase the diversity of crops either in time or in space, and I think cover crops is one of the solutions we have at this moment. We need to gain awareness." She adds that improv-

ing soil health is of the utmost importance, regardless of the method. "Soil health has a lot of

linkages with environmental health, mainly through greenhouse gas control, but also to human health. Recent research finds correlations between soil microbial biodiversity and the human microbiome. So there's a strong need to really understand soil health functioning within different agricultural settings because of these strong links with environmental health and potentially human health," she says. "Healthy soil supports healthy life."

SATURDAY, JULY 4, 2020 — 10:00 AM

Auction will be held in Kenwood Hall at the Saline Co. Expo 900 Greeley in SALINA, KS

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Signs inc: Columbia Grafanolas: John Deere Whitewater, Ks; Phillips 66 porcelain double side: Coca Cola; early Automobile Association; American Express; many other signs; Hall Lipton Ice Tea dispenser; fishing rod store display rack; needle store display; early Goodyear Tire Evidence dealer promo book; pocket companions; feed sacks; paper advertising; thermometers; advertising wood crates; Atwater Kent shipping crate; oversized slide rule; wood straight razor trade sign; Steffens Dairy pail; salesman sample lighter set: Coleman lanterns; other advertising; Railway Commerical Cabinet co stacking oak bookcase; hanging art glass ceiling fixtures; Art Deco bronze German Shepherd; Art Deco carved marble panther lamp; large plaster bust; dog head fireplace set; store display cabinet: early wood tool chest: oak telephone: 1830 sampler: fireman's helmet; gold scale; glass minnow trap; animal traps; railroad lantern; bookends; door stops; large cast iron alligator; photos & albums; fruit jars; Lindsborg souvenir items; Kansas State signed basketball & bank; gumball machine; Porcelain & Glass inc: Belleek & Fenton; Art pottery inc: Roseville, Van Briggle, Coors, Rookwood, others; Anri figural barware & bottle stopper collection; Toys inc: Akro Agate sets in boxes: battery ops; candy containers; cast iron; pressed steel; tin; Texaco fire truck; cap guns; assortment

of other quality collectibles.

apothecary bottles; porcelain

Note: This is a quality individual collection. Check our website for pictures www.thummelauction. com. This is a large auction with many quality pieces of art, Indian, advertising & collectibles.

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Auction will be held in Kenwood Hall at the Saline Co. Expo 900 Greeley in SALINA, KS MENU BOARDS: (Grapette; Fe calendar; leather tool box;

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inson Flour Mill Salina); 1900s

Crescent Tools oak display

cabinet; National cash regis-

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drawer; Oil Racks: ('50s Pen-

zoil rack w/cans; '50s Alemite

CD-2 w/Mickey Rooney; Gulf

oil; '50s Wynn's Friction Proofing); 1954 Soap Box Derby

Shell Gasoline-Stanley Tools-

Chevrolet tool board award;

'50s Fram Oil Filters tool rack;

'50s Blue Jet Chain Saw store

display; '60s counter Coke

dispenser; Dad's Root Beer

barrel; Pepsi Cola Double Dot

syrup drum; Coca Cola picnic

coolers; assortment of Coke

advertising old & collectible;

Coke trays & bottles; 1928 red

counter top gumball machine;

Adams Chewing gum 1 cent

machine; double & triple head-

ed aumball machines; Chlo-

rophyll gum machine; Monroe

Shock floor ashtray, Tom's

TOYS, POLITICAL &

COLLECTIBLES

SIGNS & ADVERTISING SIGNS inc: Geronimo/Quivira street sign on pole; 1940's Gooch's Best spinner; Pepsi light up spinner; 54" 1952 Coca-Cola vertical bottle; International Harvester Service & Parts; Century Tires; Richardson Rootbeer tin barrel sign; Servel-Electrolux Kerosene Refrigerator from Salina; 1920s O-Cedar mop display, '50s Zerex Antifreeze service station; Montgomery Ward porcelain 6 1/2'; '50s 7 UP Soda Fountain in 7 UP frame; Chevron Delco (NOS); 1960s AC Delco driveway service (NOS); Dutch Boy (NOS); Mobilgas Friendly Service; '50s '60s Colonel Sanders portrait from KFC; CLOCKS all work: ('50s Drink Coca-Cola; Mobil

Pioneer Chain Saws; Keen Kutter Tools from Hillsboro; AC Delco parts air conditioning; Drive In Theater w/speed limit; Earl May Seed Co; Sovereign Service gas station road map; Lions Club w/reflective paint; Star Lumber Diamond Edge; Odd Fellows 30" from Chapman, Ks.; Country Store neon (Milk-Bread-Pop); Marlboro Cowboy; 36" Sign Shop w/hanger; Methodist Church;

Pegasus; '60s Chevrolet Deal-

ership; Budweiser Bud Light neon; '60s Winchester Arms; '50s 7UP; 1970s 7UP Peter Max store; 1970s Ford Motorcraft; Spartan Radio Dealers; Murphy's Time to Feed);

1946 REO Speedwagon large

calendar Abilene, Ks; THER-

MOMETERS: (Delco Batter-

ies glass front; 36" Ex-Lax):

peanut jars.

Concert Roller organ working; 29 cobs for organ; rare Hawk-eye basket refrigerator; 1950s

Eska IHC open grill pedal tractor; 1918 WWI Liberty Loan Boy Scout Treasury medal; Political buttons (McKinley, Taft, Smith, Landon, Willkie, large assortment of other); FDR Man of the Hour clock: Kennedy tapestry; Salina pinback buttons; 1886 BF Gleason fold up funeral table; brass keys w/casket key; Pennsylvania Dutch redware by Don lavatory w/gold trim made in England; GE copper ship's spotlight; kerosene fire fighters parade lantern; several store scales; Singer treadle sewing machine; oak pattern back rocker; parlor stove; tins inc: Blue Boar tobacco, Montgomery Ward, Banquet Imperial; tip trays; Frederick Remington Done in the Open book of drawings; Charles Russell Paintings of old American West book; Tropical stamp album; uncanceled plate block stamp album; Cunard line Queen Mary menus & other pieces; rare Spilhaus space clock; Conklin, Waterman & Gem fountain pens; Jewelry (Indian, Crystal & other); Phlueger reel; assortment of other collectibles: TOYS: cast iron banks: (Billy Bounce; Policeman; Sailor; Donkey; Horses; Bear; Buffalo; Vindex Bulldog; Safes; Deer; Arcade goose; mechanical trick dog; Arcade Goodluck horse w/ label; AC Williams horse; Hubley Rainy Day Duck; many others): German tin horse trollev mint; Ives 1890 ladder wagon; Wilkins ladder truck; AC Williams touring car; 1890's hansom cab; scare articulated transitional ladder truck; Ives horse drawn Adams Express;

Marx Ring A Ling Circus wind-

up; Wilkins Farm Dray; Ives

Two Donkey dump cart, Weed-

en steam engine; Kenton 2nd

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Grass & Grain, June 23, 2020



According to Colorado State entomologists, it's moth season.

No one had to tell me. The flying nuisances are everywhere!

Millers - so named because of the dust they leave behind, just like someone milling wheat or corn – are an inch or so long, brownish-gray, unremarkable little creatures. Most seasons they go virtually unno-



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ticed. But after four years of especially low numbers. they have come back with a vengeance.

The miller is the adult stage of the army cutworm, and while the miller is pretty harmless, its larval stage is not. Cutworms can damage crops and already have in western Kansas and Nebraska and eastern

The good news - the miller does not lay eggs in your house, nor is it eating Granny's afghan. It is just going to annoy you by flying around the same light you are using to read - or your computer screen.

To keep the creatures at bay, seal obvious openings around windows and doors. Turn out as many lights as possible. An easy trap to make is to suspend a light bulb over a bucket partially filled with soapy water (always use a grounded plug and extreme caution with any electrical device near water... the best fix is probably your kitchen sink, which already has a light above. Just fill with soapy water and turn the other lights off). Millers are attracted to the light and often fall into the water and drown.

Or... you could take the fly swatter and give them some encouragement. Honestly, I killed around 20 in the kitchen window the other morning and found more in the sink.

Then, as if millers and pandemics were not enough, the flies have come out in full force. At the sale barn the other day the only way to escape the vicious, biting flies was to stand in the doorway where the wind was blowing 35 m.p.h.

Welcome to Kansas in the summertime!

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

4-H youth tackle summer science classes online

More than 140 Kansas youth are boosting their science and technology skills this summer during an online program created in response to the need for social distancing. Kaitlyn Normally,

Peine, the 4-H youth development agent for K-State Research and Extension's office in Douglas County, would be teaching STEM lessons face-to-face with a handful of kids. But with the global pandemic forcing new learning environments, she was able to rally several Extension agents in northeast Kansas to combine their efforts this summer. "We likely would not

have been able to collaborate in this capacity faceto-face because geographically we are spread out so much," Peine said. "But the great thing is our youth are getting the chance to be able to be taught by some of the best agents in Kansas and they are learning science along the way."

Peine said the program involves agents from the Central Kansas District (Salina) as well as Dickinson, Douglas, Geary, Johnson. Leavenworth. Pottawatomie and Riley counties. agents The have

mapped out a hands-on, six-week course in which students log on each week for an hour. Each youth received a packet of materials by mail. "We do a lot of 4-H

science programming in Douglas County, and I thought 'what better way to engage these young people with science programming than to get materials in their hands that they likely don't already have at home?" Peine said. "We then built lesson plans for the kids to do with us." Elementary-aged

youth are focusing on environmental science and technology, Peine said. Already, they have completed lessons on water quality, electricity and circuitry, and have each built a robot out of a plastic cup. Peine said 100 elementary youth are participating this summer. The middle school and

high school youth are focusing on computer science, especially computer coding. "That's a huge topic and initiative in 4-H right now," Peine said, adding that 41 youth are involved in that part of the program.

She added that each of the Extension agents is in charge of different lessons, though "most of us hop onto the lessons each week" to interact with the youth and help them through each science chal-

The program is partially funded by the Google 4-H Computer Science grant, which is administered through K-State Research and Extension's

"The students are that's okay; that's the great thing about science. We all test and apply what we

July 8.

"This is definitely new with the kids.

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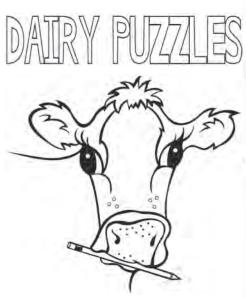
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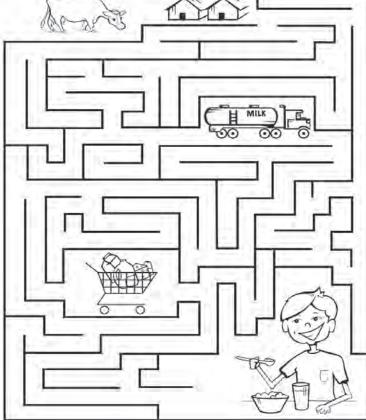
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dairy Dairy foods can contain nine essential nutrients your body needs, including calcium, potassium, and vitamin D! Enjoy three servings of dairy per day to build strong bones and healthy bodies.



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office in Johnson County. Peine said the grant helps to keep the students' costs down to \$10: the cost of the packet materials alone is close to \$30, she said. doing a great job staying engaged," Peine said. "In the science challenges. their end product doesn't always look the same and

learn in different ways." The online classes are scheduled to run through

water for us to be in this situation," Peine said. "We are very much a people-to-people organization, and so to be facilitating programs this way, we are learning right along

"The great thing I keep telling the team is that if we are in a situation when we need to be virtual again through the fall or winter, we have a framework set up to work from. We can definitely take what we've learned and apply that and make it even better."

Dog Days? Not yet, but heat precautions should be high priority

It may not quite yet be the summer's Dog Days, but it's getting plenty hot and humid across most of Kansas.

Hot enough, in fact, that assistant state climatologist Mary Knapp says most of us need to be deliberate about protecting ourselves from heat's ill effects.

"Keep in mind that you want to start hydrating throughout the day," said Knapp, who works at Kansas State University. "Be sure you have water available throughout the day and continue to drink as needed. Once you feel thirsty, you're actually well on your way to dehydration."

It's a good idea to hydrate well the night before a planned activity, Knapp said.

'When you're getting ready for an afternoon boating or biking, make sure that you've hydrated yourself through the night and into the morning before you start your outdoor activities," she said.

Through the early part of June, average temperatures in Kansas have been as much as 12 degrees above normal, according to Knapp. The outlook for the rest of June is for above normal temperatures, while the summer (June-August) outlook issued on May 21 favors cooler than normal temperatures. The summer outlook will be updated later this month, she said.

As temperatures rise, "children and older adults may be less aware of dehydration," Knapp said. "That can be particularly difficult with children as they may not be able to vocalize that they are thirsty or that they are feeling uncomfortable or dehydrated. You'll need to watch that, as well."

Knapp said people of all ages need to be aware of the signs of heat stress.

"You might start sweating profusely, or become dizzy and uncomfortable," she said. "Or, you might get heat cramps where your muscles start cramping up, which is a more severe indication of heat stress. The real dangerous point is if you stop sweating because it's a sign that your system is completely overloaded. At that point, you need emergency attention.'

When considering outdoor activities, Knapp encourages Kansans to look for venues where they can get out of the heat, including shaded park areas or an open-air mall "where you can walk but still maintain social dis-

"Not everybody has access to air conditioning," she said. "So you need to look for alternative ways of reaching a cooler environment. The other thing is to plan on doing intensive activities very early in the morning before the heat has a chance to build up, or later in the evening such as between 7 p.m. and 8 p.m."

Knapp also suggests picking a sunscreen with the highest sun protection factor (SPF) available.

'Be sure that you apply sunscreen before you go out so that your skin has time to absorb it and develop the protective layer that you're interested in," she said. "It's also a good idea to repeat the application throughout the day, because it will wear off. Preventing sunburn will have the added benefit of allowing your body to better respond to the hotter temperatures."

Knapp said it's always a good idea to be aware of local weather forecasts, not only for heat warnings, but also to be aware of severe thunderstorms, lightning or tornado



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memorabilia,

Mark Baxa.

military Auctions & Real Estate. items, Coins & much more July 11 — Contents aucheld at Salina for Chuck & tion held at Salina. Auc-Melissa Russell. Auctiontioneers: Wilson Realty &

> Auction Service. July 12 — Real Estate: 2 bedroom, 1 bath home nestled on just under 5 acres with mature trees and panoramic views held at Westmoreland. Auctioneers: Crossroads Real Estate &

> Auction, LLC. July 15 - 235.4 acres m/l of Osage and Wabaunsee Counties farmland offered in four tracts held at Harvevville. Auctioneers: Farmers National Compa-

> July 19 - Gun auction held at Salina. Auctioneers: Wilson Realty & Auction Service August 8 — Contents and beam house (to be

taken down and removed

from property) held SW of

Lindsborg for Hoffman Es-

tate. Auctioneers: Wilson

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

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

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

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

Grass & Grain Area **Auctions and Sales**

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

Always great online Equipment auctions – www.purplewave.com.

Online Now (ends June 24. 8 PM) — 490 lots located in Nickerson including household furniture, appliances, collectibles such as furniture, sports figurines & memorabilia, jewelry, primitives; also selling shop equipment & tools, scaffolding, table saw, drill press, computer & video games held online at www.hollingerauction.hibid.com/auctions/ Auctioneers: current. Hollinger Online Auc-

Online Now (ends June 23, 6 PM) — Summer Shooters & Collectors Guns & Ammo Auction including over 600 lots of exceptional firearms & ammo (Colts. S&Ws, Winchesters, Walthers, Sharps, Springfields, Berettas & more). Indian trade gun, combination guns, 10,000+ rounds of ammo, bronze statues, reloading supplies & more held online at ArmsBid. com. Auctioneers: Kull's Old Town Station. Online Auction (begins

tions.

to end June 23) — Large se-Grower coalition files amicus brief to defend continued use of existing dicamba stocks

A coalition of national

lection of Sports & Music Memorabilia held online at www.lindsavauction. com. Auctioneers: Lindsay Auctions & Realty, LLC, Thomas J. & Thomas M.

June 27 — Antiques including furniture, glassware, crystal, collectibles, organs, computer, household goods, tools including woodworking tools & miscellaneous held at Beloit for Harold Heidrick. Auctioneers: Gerald Zimmer Auction & Real Estate.

June 27 — Frederick's Consignment auction held live and online at Falls City. Nebraska and @ equipmentfacts.com.

June 27 — Collectibles. antiques, tools, outdoor items, furniture, household & miscellaneous held at Emporia for Estates of Carol & the late Art Gurney & Glenn & Dorothy Bovce. Auctioneers: Flint Hills Auction, Gail Han-

June 27 — Consignment auction including tractors, vehicles, trailers, equipment, miscellaneous & so much more held at Garnett. Auctioneers: Ratliff Auctions, Ron Ratliff, Mark Hamilton, Ross Dan-

June 27 — Antique tractors, 1979 Ford LTD 4-door car, boat, motors & fishing items, antiques & collectibles, generator, power & hand tools, household & miscellaneous and more held at Frankfort for A.A. (Bert) Wessel Estate. Auctioneers: Cline Realty & Auction, LLC., John E. Cline & Austin Cline.

June 27 — Real Estate: home with main floor master suite, 3 additional bedrooms upstairs + another bedroom, sitting on just under a half acre lot with 3 detached garages/shops. Also selling furniture, appliances, antiques & glassware, tools & yard & misc. held at Wamego for Viola Welter. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 27 - 1,000 new & slightly used JD toy tractors, toys & race cars held at Clay Center for Cedric Pfaff. Auctioneers: Kretz Auction Service.

June 27 — Real estate: 5 bedroom, 2 1/2 bath home with 1840 sq. ft. with 40'x60' Astro building located in Burlington. Also selling good vehicles, tools, commercial meat tenderizer, appliances & miscellaneous household furnishings held at Burlington for Eleanor R. Carley Estate. Bryan Joy, executor. Auctioneers: Kurtz Auction & Realty Service.

June 27 — Yamaha 2 seat gas golf cart, collectibles including comics, vintage toys & games, 100s of vintage books, tools, misc., coins & more held at Lawrence for Carl and Peggy Silvers Estate. Auctioneers: Elston Auctions.

June 27 —Antique & household auction including glassware, some tools. furniture & more held at Manhattan. Auctioneers: Foundation Realty, MorMachinery, Shop Items, Over 150 Boxes of Hand & Shop Tools of Every Description, Appliances, Household, Collectibles. June 28: Day 2: Implement/ Car Trailer, Minneapolis Moline Tractor, Machinery and Equipment, Lots of Scrap Iron, Very Nice Wall Display Case, Thousands of Collectible Wrenches & more collectibles held at Rossville for Leo & Rowena Gannon Estate. Auctioneers: Gannon Real Estate & Auctions, Bob Thummel & Zach Sumpter. auctioneers. June 28 - Antiques, collectibles, crocks, Coca

June 27 & 28 — Selling

June 27: Day 1: Country

Home and Outbuildings on

approx. 10 acres: Tractors.

Cola collectibles, Hummels, wooden primitives, pair of iron horse hitching posts, jewelry & more, outdoor items & tools, furniture, decor & miscellaneous held at St. George. Auctioneers: Crossroads Real Estate & Auction,

June 28 — Shop & woodworking tools, Ford 3000 tractor (not running), mowers, L&G, small engine manuals & parts, etc. held at Osage City (2 locations) for Mrs. Jolene "Clifford" Jenkins. Auctioneers: Wischropp Auctions. June 28 — Toys includ-

ing Case, Ertl, John Deere, Hubley, IHC, Allis Chalmers, all kinds of farm equipment toys; also selling Tonka Toys, Buddy L, Nylint, Coca Cola, Tootsie Toys, banks, Match Box, Hot Wheels, cast iron & more; 1000s of marbles & shooter marbles, 100s of comic books, figurines, books, sports cards; Collectibles including Stamp & Gold Stamp collection,

and the COVID-19 pan-

demic. Further, granting the petitioners' requested relief would (1) plunge the agricultural community back into the widespread uncertainty and confusion it experienced in the period between the court's vacatur and EPA's Cancellation Order and, even more critical to the long-term viability of the agriculture industry, (2) set a damaging precedent, short circuiting the proper administrative and judicial review framework that Congress prescribed for existing stocks under FIFRA. Farmers use countless FIFRA-regulated pesticide products. including herbicides, insecticides and fungicides. This decision could set a disruptive precedent with

sequences for all farmers and ranchers for years to

Investments and planting decisions have been made, and most planting has been completed-all based on the realistic expectation that over-thetop application of these

dicamba products would be possible through the growing season. The court should respect EPA's expertise in managing existing stocks of these formerly registered pesticide products and deny the emergency motion pending against EPA.

grower trade associations that represents farmers, ranchers, and their families nationwide is urging the U.S. Court of Appeals for the Ninth Circuit to reject an NGO call to invalidate EPA's dicamba existing stocks order for three dicamba products whose registrations were immediately vacated by the court earlier this month. American Farm Bu-

reau Federation, American Soybean Association, National Cotton Council of America, National Association of Wheat Growers, National Corn Growers Association, and National Sorghum Producers have filed an amicus brief supporting EPA's position against the NGO petition EPA's dicamba existing estimated \$4.28 billion in stocks order and hold the seed and hundreds of mil-

agency in contempt, citing the catastrophic consequences that could result if the NGO's request is granted.

The grower coalition's brief, filed June 16, makes a case for farmers caught in a highly frustrating and costly situation amid prime planting season and the narrow weed-control window: "Neither a midseason cancelation nor a vacatur unplants a seed, retroactively tills a field, or clears a storehouse of products purchased for lawful use under the prior registration."

Immediately banning use of existing stocks of Xtendimax, Engenia, and FeXapan would financially devastate America's soybean and cotton grow-

lions on herbicides. An estimated 64 million acres of dicamba-tolerant seed is already in the ground—importantly, with no viable weed control alternative that can realistically be deployed over the next several weeks. Expected yield loss for soy and cotton is as high as 50%, with respective losses estimated at as much as \$10 billion and \$800 million.

If the court chooses to grant the NGO's emergency motion, it will add financial insult to sustained injury. The economic damage that would be caused would exacerbate an already tenuous economic situation for America's farmers, who face depressed market prices and increased uncertainty to ongoing trade tensions profound, long-term con-

AUCTION

BOTH DAYS: Auction held at Clay Center Armory, 12th & Bridge — CLAY CENTER, KANSAS FRIDAY, JUNE 26, 2020 -

Tools, truck & automobile related items; household goods & collectibles. Large Craftsman tool box & Snap-on top box full of mostly Craftsman tools. Approx. 40 pieces of antique & contemporary furniture.

SATURDAY, JUNE 27, 2020 — 9:00 AM APPROX. 1,000 TOYS! NIB JD tractors, combines & implements; used farm toys; many NIB race cars & die cast trucks, 100s of new Hot Wheels

in bubble wrap. new JD kids wagon; new JD pictures & collectible items. Social distancing will be practiced. Masks are encouraged. CLERK: Shirley Riek, 526 Frederick, Clay Center, Ks. 67432

Go to kretzauctions.com or kansasauctions.net

CEDRIC PFAFF, SELLER conducted bv: **Kretz Auctior**

Greg Kretz, Salesman & Auctioneer: (785) 630-0701 Guest Auctioneer: Randy Reynolds, Abilene, KS (785) 263-5627

Osborne introduces new digital weight display for ACCU-ARM portable livestock scales

Osborne Industries, Inc., manufacturer of ACCU-ARM portable livestock scales, is pleased to announce the release of a new, cost-saving digital weight display for its 500-lb. capacity weigh scales for small animals like pig, sheep, and goats.

The new digital display for ACCU-ARM scales features special programming allowing it to quickly display animal weights within seconds, with measured accuracy within 1%. Programmed with a "quick freeze" feature that holds a displayed weight until the animal being weighed is unloaded, the simple and easy-to-use digital display makes the job of weighing small animals fast and easy. Settings are easily changed on the display to weigh animals in the scale or to allow direct-weighing of feed or other items up to 220 lbs. (100 kg).

ACCU-ARM scales equipped with the all new digital display are available with an 18-in. or 24-in. wide platform., and all previous models of ACCU-ARM scales can be retrofitted with the new digital display just in time for this summer's county fairs and livestock shows.

In addition to the new, easy-to-use digital display, the

ruggedly constructed ACCU-ARM weigh scale features a variety of components not found in other scales commercially available. These cable-free scales feature many customizable options, including quick-close entry and exit gates, side-opening or center-opening remote gates that can be operated from either side of the scale, and a convenient wheel kit for easy moving. Osborne also continues to offer a sensitive mechanical dial and highly-accurate, feature-loaded electronic meter. Today, the quiet, almost motionless operation of the

Osborne ACCU-ARM scale continues to delight users around the country. A popular choice for 4-H clubs, county fair groups, livestock producers, and livestock showmen, the Osborne ACCU-ARM portable livestock scale makes light work of weighing small animals. For more information on ACCU-ARM scales and the new digital weight display, contact Osborne Customer Service at 1-800-255-0316 (785-346-2192) or visit osbornelive-

GRASS&GR is on facebook

AUCTION REMINDER SUNDAY, JUNE 28, 2020 — 2 Locations <u> 10:00 AM</u> — 525 Shuey Street

 Wischropp Auction Facility, 930 Laing Street OSAGE CITY, KANSAS Shop & woodworking tools, Ford 3000 tractor (not running),

mowers, L&G, small engine manuals & parts, etc. For compelte listings see last week's Grass & Grain or website below! MRS. JOLENE "Clifford" JENKINS

WISCHROPP MUCTIONS

Pics & listing: www.wischroppauctions.com 785-828-4212 Stand-up auction. No seating.

AUCTION REMINDER SELLERS: CHUCK & MELISSA RUSSELL

SUNDAY, JUNE 28, 2020 — 9:30 AM 411 East Walnut (Bingo Hall) — SALINA, KANSAS COLLECTOR FARM TOYS, Cast Iron cars, 1/64 scale 57 cars,

1,000s of old marbles & shooter marbles, 100s of Comic Books Sports Cards, Collectibles & the Rest: Stamp collections, 100s of sheath & pocket knives & Swords, Zippo Lighters, Conoco, Roy Rogers/Hank Aaron memorabilia, Belt Buckle collectionMarlin 12 ga Goose Gun & much more. COIN LIST on ksal.com See last week's Grass & Grain for listings. KSAL.COM & click

on marketplace, then auctions for pics! KansasAuctions.net Covid 19 rules apply. Please provide your own PPE. If you are not well, please stay home. BAXA AUCTIONS, LLC, Mark Baxa, SALINA, KS •785-826-3437

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 sawr 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 ½ 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 eal estate agent for representing the winning bidder. BID-DING will be done curbside with social distancing in place

See website for full details & photos: GriffinRealEstateAuction.com **HEIDI MAGGARD**

Broker 620-794-8813 Sales/Auctioneer Cell: 620-794-8824

please, serious bidders only.

Griffin CHUCK MAGGARD Real Estate & Auction

griffinrealestateauction@gmail.com

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

ESTATE AUCTION SATURDAY, JUNE 27, 2020 — 9:00 AM 888 East 661 Diagonal Rd. — LAWRENCE, KS (Lone Star)

South of Lawrence 1 mi. on Hwy 59 & turn West on Dg. 458 7 mi. to Dg. 1 (1039) South 1 mi. to Diagonal Rd. (Lone Star), West to Auction! Parking At the Lone Star Church of Brethren! Watch For Signs!! GOLF CART, COLLECTIBLES, set; juice sets; 12 piece Sterling TOOLS, HOUSEHOLD & MISC. Yamaha 2 seat gas Golf Cart w/canopy; Texas Ranger .22LR revolver w/box; Rocky Mountain leather holster; 30' Windmill Tower; 36" diameter cast-iron

kettle; 100lb Blacksmith Anvil w/ stand; Red Wing Poultry Crock Feeder/Waterer; Goodrich Schwinn Bicycle; wooden egg boxes; advertising wooden box es of all kinds; lanterns; wash tubs; iron wheels; well pulleys; milk & cream cans; Simplex #22 jack; claw foot bath tub feet; 1928 Jayhawk Bottle; Blue Stone enamel Kettle; coffee mills; feed dolly; carpenter box es; metal lawn chairs; school desk; May Gold Hybrids sign; several metal signs; Rolling Acres Metal Farm Barn w/Silo's; Kilgore cast toy pistol; Marx & Poosh-M-Up Jr pinball games; Hot Wheel sets; numerous Vintage Toys & Games!; Comics: Roy Rogers, Buffalo Bill, Lassie, Tarzan, etc.; children books; 100s Vintage Books of all sorts!; Veterinary books; pennants (Royals/Lakers, etc.); vintage dolls/accessories; violin w/case; belt buckles; lighters; bottles/jars; record albums; costume jewelry; oil lamps; carnival punch bowl set & compotes; Very Large Collection of Pink Depression Glassware; clear & pattern glass; silver plate tea

Florentine Chinaware set; Gone With The Wind figurines & dolls: very large selection sewing items & crafts; quilting frames; Janome New Home 124 & Wards #279 sewing machines; treadle sewing machines; drawer spool cabinet; Snap-On clock & calendars; wood planes; radial-arm saw; Delta com-pound saw; 20' aluminum walkplank; scaffolding w/wheels; 2 wheel 4x8 trailer; electric cement mixer w/cart; 100s of woodworking & mechanic tools of all kinds!; Grandfather clock; Mainline By Mooner Blonde '50s bedroom suite; smaller rolltop desk; wooden trunks & storage cabinets; dining room table w/matching chairs; kitchenette w/chairs; vintage windows; tea cart; electric organ; household décor; hand & garden tolls of all kinds!; *numerous items too* many to mention!

COINS 9:00 A.M. 1933 Gold Double Eagle Proof Replica Coin; Morgan/Peace Silver dollars; Eisenhower dollars; Confederate \$100 & \$10; 1928 D Red \$2s; Indian Heads rolled Wheat & Lincoln pennies: uncirculated quarters/pennies; Kennedy halves; Barber dimes; Abe Lincoln sets; commemorative sets; 1900s Britt 1 pennys; foreign coins/currency; (roughly 1 hour of Coins!) Auction Note: Very Large Traditional Community Auction as the Silvers were very active in the Lone Star area! Many Unlisted

Items! Plan on Spending the Day! Two Auction Rings SELLER: CARL & PEGGY SILVERS ESTATE

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 evervone to please do what is best for themselves & if in doubt, please stay

the Auction Industry! Concessions: Lone Star Church or the Brethren. ELSTON AUCTIONS • (785-594-0505) (785-218-7851)

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home. Thanks for your patronage and cooperation in the New Normal of

ON THE EDGE OF COMMON SENSE

Tolerance

When our opinions get as immovable as a granite outhouse, God has a way of shaking the foundation.

I was searching for an artist who could lend just the right feeling to a book I was putting together. I found such a person. He lived in a remote mountain town and had no phone. With the help of the local postmistress and several letters, he agreed to illustrate my book.

Besides his unique artistic style, he was a good cowboy. Over the months



1531 Yuma St.,

Manhattan, KS 66502

of correspondence and our occasional visits on his local pay phone, I developed a genuine liking and

respect for him.

We agreed to meet at the Cowboy Poetry Gathering in Elko, Nevada. I arrived Thursday

night and began to test the limits of my envelope! I had the makin's of a personal best brewing when I spied an old friend, a big man whose effort had done much to promote cowboy poetry. I shook his hand warmly. It was then I noticed he was wearing a little short ponytail. I was overcome! I dressed him down for his uncowboy fashion statement and finished by removing the decorative ribbon binding his furry polyp!

Just then I felt a tap on the shoulder. I turned and a young man reached to shake my hand. He was decked out in his buckaroo finest. He introduced himself and remarked that he enjoyed my work. He explained that he was an

As he talked, I focused on his earring. Earring! I became incensed! I lectured him on manly pride and ended up trying to bite off his earlobe!

In retrospect it occurred to me that I might have over-reacted. Fortunately these good fellows merely escaped my grasp rather than permanently disfigure me.

The next day I was walking through the crowd when I heard a voice call my name. I turned. A hand pressed into mine and the voice said, "Hi, I'm yer new artist!'

He had blond hair braided into a pigtail that reached his waist. Eight, count'em eight! Earrings decorated his left ear!

I was dumbfounded!

He continued, "I'd like you to meet my wife." I looked to his side where an attractive woman stood wearing a bowler hat and a gold ring in her nose!

Looking back, I suspect God set me up. He said to Himself, this boy needs a lesson in tolerance. He was right. I was due. I've learned that a closed mind is like lookin' at the world with one eye closed. I guess we could use a dowse of kindness and understanding in our nation's capitol...Washington, (sorry George), D.C.

www.baxterblack.com

Beef breed organizations unite to strengthen industry

International Genetic Solutions (IGS), a group of more than 17 cattle associations and organizations, is working across the breed spectrum to provide resources and technologies that ensure cattlemen and women along the industry chain are set up for success.

"We've put together a massive collaborative effort with approaching 20 million head of cattle to provide the most scientifically-credible, the most cost-effective, the quickest, multi-breed, directly-comparable genetic evaluation on the planet," says Chip Kemp, IGS Commercial & **Industry Operations.**

IGS partners and leaders across the beef industry met virtually during the Beef Improvement Federation (BIF) virtual symposium. "If you think about IGS,

from a big-picture standpoint, it's the value of collaboration," says Tom Brink, Red Angus Association of America CEO. "Beef breeds, historically, haven't always worked together so well, or so much, but IGS broke the mold on that. Being able to combine these data sets, more analytical power, better

EPD predictions to use for all the breeds involved, IGS just really facilitates that in an unprecedented way."

The collective effort is intended to help individuals make more informed decisions – from seedstock to commercial producers. "The collaboration that

we have with IGS will do two things: not only will it help their members sell seedstock bulls and replacement heifers but it will also help their customers, commercial producers make an informed decision in their operations. And those two things together will contribute to accelerating genetic improvements," says Stewart Bauck, vice president of agrigenomics for Neogen Genomics. "It's going to have a significant, important, and long-term beneficial impact on the beef industry.

Bob Weaber of Kansas State University agrees.

"Getting everybody pulling the wagon together allows the IGS team and the leading scientists in the world, working in beef cattle genetics, to accelerate the process of genetic improvement," Weaber says. "Tools like the IGS Feeder Profit Calculator puts increased profit potential in the hands of cattlemen and women as they assign and assess the value

of their stock. "IGS, and the tools it provides, is unique, Brink adds. "We're a lot stronger working together than we are individually," he says. "We're getting a lot better genetic predictions by doing what we're doing working together, so that's

really the power of IGS." International Genetic Solutions (IGS) is an unprecedented collaboration between progressive organizations across the US Canada, and Australia that are committed to enhance ing beef industry profitability. The collaboration encompasses education technological advancement, and genetic evaluation. Through collaboration, IGS has become the largest beef cattle evaluation in the world.

More information about BIF's virtual symposium June 8-12, is available at https://beefimprovement

Ranchers wanting to learn more about IGS can visit https://www.internationalgeneticsolutions

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

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

CATTLE USA.com LIVE CATTLE AUCTIONS

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

RECEIPTS FOR THE WEEK: No Sales to report this week.

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 starte 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.fandrlive.com

It's time to start thinking about the FALL CLASSIC **HORSE SALE** October 10-11, 2020.

The deadline to consign colts is July 15th. Horses 2 yrs and older deadline is August 1st.

We will be **BACK TO REGULAR SCHEDULE** **THURSDAY.

IN STOCK TODAY:

JULY 9th!**

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

Consignment Contract

Farmers & Ranchers Livestock Comm. Co., Inc.

For Catalog Horse Sales PO Box 2595 * Salina, KS 67402 FALL CLASSIC CATALOG HORSE SALE

Catalog Closes JULY 15TH COLTS & YEARLINGS, AUGUST 1ST ALL OTHER HORSES

OCTOBER 10-11, 2020

HORSES 2 AND OLDER-CATALOG FEE \$125, COLTS & YEARLINGS CATALOG FEE \$75 *\$30 Substitution Fee * INCLUDE ALL FEES WITH CONSIGNMENT CONTRACT No Substitutions after SEPTEMBER 28, 2020

All horses MUST have a negative coggins test within 6 months of sale date!!!!

Name:	Phone (C)	(h)	
Address:	City:	State: Zip:	
Horse Name:	Breed/I	Reg#:	
Color:	Age:	Mare / Gelding / Stallic	n
Comments/Footnotes:			

PLEASE INCLUDE COPY OF REGISTRATION PAPERS Catalog Fee:

*I hereby agree to the terms and conditions set forth by Farmers & Ranchers Commission Company

(authorized signature)

Fall Classic Catalog Horse Sale Catalog Fee \$125 (any horse 2 or older) Colt & Yearling Sale- Catalog Fee \$75

Ranch Horse Competition \$150- catalog horses only! (New This Year)

F&R Futurity- please only check this box if this horse is also in the sale

If the horse is passed out, the cost will be the catalog fee plus \$20 pass out fee. The catalog fee in non-refundable. Horses will be sold as registered only if papers and transfers are to F & R before the sale.

Seller's check will be mailed out after 5 business days. Checks will be held on any and all incomplete paperwork until proper paperwork is turned into F&R

The commission will be 7% of the selling price or minimum of \$20. Consignor has the privilege to no sale or pass out his or her horse If the horse is passed out, the cost will be the catalog fee plus \$20 pass out fee. The catalog fee in non-refundable.

Notice: Videos are welcomed and encouraged. Our sales are nationally advertised and buyers travel many miles for the opportunity to buy your horses. Therefore, all consignments must go through the sale ring. NO ALLEY TRADING IS ALLOWED!!

SOUNDNESS GUARANTEE For More Information Please Contact All horses in catalog session are guaranteed sound unless otherwise Farmers & Ranchers 785-825-0211 noted. Soundness consists of ability to walk, breathe, see properly, not to F & R Fax 785-826-1590

crib, not to have a parrot mouth, or be a cryptorchid. Any other guarantees Mike Samples 785-826-7884 made or implied by consignor before, or after the sale of his or her horse Kyle Elwood 785-493-2901 www.fandrlive.com

are between the consignor and the buyer. Soundness guarantee extends 72 hours after day of purchase.

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884 Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901 Cody Schafer Kenny Briscoe Lisa Long

785-254-7385 Roxbury, KS

Jim Crowther

620-381-1050 Durham, KS

785-658-7386 Lincoln, KS

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

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

> Austin Rathbun 785-531-0042 Ellsworth, KS



620-553-2351 Ellsworth, KS

Cattle Sale Broadcast Live on www.cattleusa.com 1150 KSAL, Salina 6:45 AM -MON.FRI * 880 KRVN 8:40 AM - WED.-THURS. *550AM KFRM - 8:00 am, Wed.-Thurs.