

Cancer an on-going hurdle for the Radenbergs

Editor's Note: This week kicks off a four-week Wheat Harvest Series in Grass & Grain. Lucas Shivers will follow harvest around the state and provide statistics and interesting features as it progresses. The series is sponsored by Countryside Feed, LLC, Kansas Wheat, Herra Machine, FCS Manufacturing and Carrico Implementation.

By Lucas Shivers

Taking the twists of life with the same resilience of generations of farming, David and Maxine Radenberg from Claflin deal with cancer treatments and balance the farm.

"You always have to be moving forward, even with catastrophes in life," Dave said. "I'm strong in my faith, and it's the Good Lord who can guide us all forward."

Through a nearly two-decade, ongoing fight with a rare cancer for Dave, the Radenbergs stand strong on their farm as they work the land and prepare for another wheat harvest.

"Sometimes it takes something big to hit home to make us pay attention to our blessings," Radenberg said. "Even with cancer and whatnot, you have to keep a positive attitude."

Wheat Harvest 2019

Because Radenberg has been wrestling with cancer and transitioning to alfalfa, he said he doesn't have too much wheat this year.

"I got some that I planted on time last fall, and it looks as good as it ever has," Radenberg said. "Some I had custom-planted late, it's also good right now. I hope it all runs 40 bushels to the acre."

Radenberg planted some other wheat fields with no-till right before the fall rains, so he said everything came up with lots of weeds.

"I ordered spray, but it came late because it was still so wet," Radenberg said. "I maybe should have ordered an airplane spray, but I couldn't afford it. I'll be happy if it those plots get chemical on it at the right time."

For many in Kansas, wheat has become a sec-

ondary crop to double up with corn, beans or sorghum, and it takes a lot of fertilizer to make up for it. Radenberg said double-cropping demands a good return or it's a waste of time and money.

"I tried to concentrate on having a good single crop lately," he said.

Family Origins

The Radenberg family has been farming in the Claflin area for more than 125 years.

"It started with my great-grandfather in the late 1870s with more acres added over the years," Radenberg said. "My dad and uncles farmed together, and we've spread out quite a bit as we bought land after WWII."

Following the service-minded focus of his family, Radenberg has served on many local boards and state-wide committees, reflecting his upbringing of getting involved and serving others.

"After high school, I went to Barton County to study mechanics, animal science and plant science, and I sang in Hilltop Singers and played in the band," Radenberg said. "When I transferred to K-State, I took several classes in the ag engineering program, and it took a year or two more than I planned."

Radenberg met Maxine when he was going to Barton, and she was working computers. Currently, Maxine is a CAD Systems Administrator/System Programmer with a local manufacturing company. Over the years, she has worked for various companies in the capacity as programmer to system administration.

The Radenbergs have two kids. Their oldest daughter, Sharon, has a degree in Industrial/Organizational Psychology from Sterling College. She finished with a Masters in the same from Emporia State University. Presently, she resides in Lenexa and works for a property management group in downtown Kansas City.

The youngest, Alice, went to college first at Hutchinson Community



Dave Radenberg is shown getting ready to plant wheat last fall.



Now the combine is ready to take to the field as Harvest 2019 gets under way.

Courtesy photos

College and then finished with a degree from K-State in Animal Science. Married last spring, Alice and husband, Brian, reside in a suburb of Houston.

Full-Time Farming

Since Dave returned home every weekend while in college, he took on farming full-time back at home.

"I started running a 55 John Deere and then a 101 International before moving to some C2s that are still in good shape in the shed," he said. "We have a 7720 that's doing great if we can keep dodging mud holes."

During wheat harvest, the Radenbergs run an old Kenworth semi to make the

operation more convenient.

"We've hauled wheat all over," he said. "I've been to Dartmouth, Ellinwood, Holyrood, Claflin and Otis. It all just depends on who is open and convenient."

Maxine usually took off work to run the truck while Dave ran the combines, a John Deere 9600 and then 9650 rotary with a 35-foot flex header.

"The most we cut was around 2,000 acres a season," he said. "Usually, we were around 1,500 acres."

Farming since late 1970s, Radenberg said he's seen more trends away from tillage and not washing out the soil without cover.

"You see the evolution

through the years to ways of better managing residue to grow better crops to handle erosion," he said.

Sudden Changes

Cancer changed things for Radenberg when he was first diagnosed in 2001.

"I've had to readjust," he said. "I've had to lean more towards alfalfa with custom options, and it'll help get me to retirement so I won't have to worry about the farm as much."

For the last 18 years, Radenberg has been dealing with a rare type of cancer from a tumor in his tear duct.

"It was found as doctors were scanning me for MS, since my mother had it," he

said. "The MS is thankfully dormant and inactive, but the cancer has led to many experimental trials."

After years of managing the conditions, doctors had to take out his eye seven years ago.

"You learn to deal with it and try to have a good attitude," he said. "I'm still fairly active, but not as much as I've been in the past."

Dave started to get treatments in the mid-2000s.

"My local doctors are so good working with me, but even the surgeons didn't know how to treat it since it was so rare. I checked around in so many clinics to find out more and most didn't have any ideas on how to treat it."

The University of Iowa had some treatment options so Radenberg started getting chemo, radiation and experimental options.

"Now, I'm getting ready for another experimental trial in Scottsdale, Arizona for a new plant-based medicine that has shown promise in treating certain cancers."

Legacy of Progress

Being involved with the Kansas Wheat Commission and being on the Grant Committee for research, Radenberg has helped approved several wheat research projects to keep the industry moving forward with innovations to develop new wheat varieties.

"We pollinate wheat with corn pollen to clean out one side of genes and go back to our archive, one of the oldest in country, and breed it using the double haploid process for wheat to research desired varieties and traits," Radenberg said. "It takes anywhere from five to seven years with the new process, and it speeds up the process by half."

From overcoming cancer to new wheat, Radenberg makes opportunities happen.

"It's 24/7 to get the job done. You have to love it with your full life," he said. "You can't just skip out to the lake or crazy things like that. It's always about getting the job done!"

FFA members elect state officers at convention

Six Kansas FFA members were elected to serve as the 2019-20 state FFA officers at the 91st Kansas FFA Con-

vention May 29-31, 2019, on the Kansas State University campus. They were among 13 candidates running for a state officer position to represent more than 9,800 Kansas FFA members.

The 2019-20 Kansas FFA Officer team includes: President Logan Elliott, Riverton FFA; Vice President Abby Goins, Labette County FFA; Secretary Elizabeth Wright, Blue Valley FFA; Treasurer Lukas Sebesta, Ellsworth FFA; Reporter J.W. Wells, Sedan FFA; and Sentinel Mason Prester, Wilson FFA.

The State FFA officer team will travel across the state sharing their passion for agriculture, leadership and service. Kansas FFA officers present workshops and conferences across the state and challenge FFA members to serve their communities and the agriculture industry.



New state FFA officers were elected at the Kansas FFA Convention on May 31. From left: Reporter J.W. Wells, Sedan FFA; Sentinel Mason Prester, Wilson FFA; Vice President Abby Goins, Labette County FFA; Secretary Elizabeth Wright, Blue Valley FFA; Treasurer Lukas Sebesta, Ellsworth FFA; and President Logan Elliott, Riverton FFA.

Three Fast Facts About Kansas Wheat

On average, Kansas is the largest wheat-producing state. Nearly one-fifth of all wheat grown in the United States is grown in Kansas. (Source: Kansas Wheat Commission)

Kansas has about 60,000 farmers, including almost 7,900 women farmers. About 20,000 farmers grow wheat. (Source: Kansas Agricultural Statistics Service)

Annual average wheat production in Kansas for the past five years has been about 328 million bushels harvested from an average 8.5 million acres. (Source: Kansas Wheat Commission).

Insight

KANSAS FARM BUREAU
The Voice of Agriculture

By Glenn Brunkow,
Pottawatomie County
farmer and rancher

"I believe in the future of agriculture, with a faith born not of words but of deeds." The opening of the FFA creed, and a phrase near and dear to the heart of every member who has ever put on the corduroy. It is a phrase that speaks to the very core of who we are as farmers and ranch-

ers and one of the reasons Kansas Farm Bureau supports FFA.

This past week I had the honor of representing KFB at the Kansas FFA Convention, and I must admit being a bit selfish when it comes to volunteering for this gig. I don't know what it is about the convention that fires me up, but I find no matter how bad the weather or the current

situation in agriculture is, I am ready to tackle anything after attending. This year certainly tried to test that.

Maybe that was why this convention was extra special; I was fortunate enough to spend three days on the state officer nominating committee. It was three days of intense interviews with the candidates and long hours, but it also was three days of getting to know 13 incredible young adults; It was an experience I wish I could have shared with everyone.

I got to hear the hopes and dreams of these young lead-

ers as they start their journey in life. I experienced the unbridled enthusiasm and optimism of the best and brightest Kansas FFA has to offer, and let me tell you, the future is bright. This group of young people has a passion for agriculture and a burning desire to serve their communities. They all know they are going to accomplish something great; they just don't know what that will be yet.

If you have doubts about the character of our youth, I challenge you to spend a day at the Kansas FFA Convention. You will find several

hundred of the very best examples of what we hope our kids will be. All clad in the blue and gold, they will make you feel good about the future.

That is why it is so important all of us invest in the future of agriculture by supporting FFA, 4-H and FCCLA. The money and time we give to these organizations is not a donation, rather it's an investment in our future. Will all the youth in these organizations come back to the farm? No, but many will find careers in agriculture. Even more will go on to find careers in other fields, and that is okay.

That is why I am so proud to support and help fund these great youth organizations. Through our contributions we must continue to grow future generations of leaders. Why? Because, I believe in the future of agriculture, with a faith born not of words but of deeds.

"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.

USDA establishes office in K-State Office Park

The U.S. Department of Agriculture has launched operations in support of the National Bio and Agro-defense Facility, or NBAF, from offices in the K-State Office Park.

The USDA's Agricultural Research Service and Animal and Plant Health Inspection Service join 16 partner tenant companies at the office park. These tenants strengthen Kansas State University and its land-grant mission by advancing the educational experience, innovating in their industry or serving as a technical supplier to the university.

The USDA is ramping up its workforce for running NBAF with a goal to hire 80% of the operational staff by August 2020. The world-class facilities available to K-State Office Park partner tenants and proximity to Kansas State University will assist in making this intensive hiring strategy possible in Manhattan.

As part of its NBAF planning, USDA APHIS is leading the NBAF Scientist Training Program to build the necessary technical and subject matter expertise to support the Foreign Animal Disease Diagnostic Laboratory at NBAF, aphis.usda.gov/aphis/ourfocus/animalhealth/nbaf-scientist-training. This program identifies students who want to work at NBAF. As program fellows, the students receive tuition and a stipend to pursue research and academic development in laboratory-based fields of study such as microbiology, virology, diagnostics and bioinformatics.

By occupying office space in the K-State Office Park, the USDA has the capacity to host the fellows in the program's first research symposium this summer. The fellows, almost half of which are Kansas State University students, will have the opportunity to train to their specific scientific objective and profession-

ally network in person with USDA lead personnel.

Persons interested in exploring jobs related to NBAF and USDA can log onto usajobs.gov. The USDA will be hiring for roles encompassing scientific research, facility management, administrative, veterinary processes and animal care, engineering, information technology, safety, and health and environmental systems.

As Kansas State University's strategic partner for philanthropy, the KSU Foundation inspires and guides philanthropy toward university priorities to boldly advance K-State family. The foundation is leading Innovation and Inspiration: The Campaign for Kansas State University to raise \$1.4 billion for student success, faculty development, facility enhancement and programmatic success. Visit www.ksufoundation.org for more information.

Financial woes on the farm bode ill for the nation

An Op-Ed by Farm Policy Facts

Historic flooding across the heartland has left large swaths of farmland underwater and farmers unsure of when — or even if — they will be able to plant their crops.

Unfortunately, this stormy spring is just another in a series of blows to rural America. The financial security of our farmers and ranchers is increasingly at risk.

The most recent reports from the federal government

indicate that a growing number of farm loan recipients are falling behind on payments.

Recently, the FDIC released their quarterly report on the state of our nation's financial institutions. The rate of agricultural loans that are past due or in non-accrual status has reached the highest level since early 2012, according to a Reuters analysis of the data.

Diane Ellis, director of the Division of Insurance and Research at the FDIC, said that the agency continues to "mon-

itor challenges in the agriculture sector" and that "some farm banks are reporting asset quality deterioration."

Farms are struggling to make ends meet in the face of difficult market conditions and unpredictable weather, putting a strain on the financial systems that support rural America. The banking data presented by Ellis demonstrated that the rise in non-current loans "mostly affects our community banks more or less in the middle of the country."

A recent *Wall Street Journal* article quoted Tracey Allen, an agricultural commodity strategist at J.P. Morgan, regarding the spring planting delays and the financial hardships many farmers face. "We have some of the highest delinquency rates among U.S. farmers ever—that's really terrifying," Allen said.

As Ellis noted, however, this is not a new trend. Trouble has been brewing for several years.

Earlier this year, *Farm Policy Facts* highlighted the toll that years of depressed commodity prices and escalating

costs has taken on the farm economy. Farm income has dropped more than 50% since 2013 while farm bankruptcies are on the rise.

Add to that mix ongoing uncertainty with our global trading partners, where farmers take the brunt in lower crop prices and higher input costs, and you have a recipe for disaster.

Not only do we rely on the food and clothing provided by America's farmers, but our nation's economy is intrinsically tied to the success of the agriculture community. Financial woes on the farm often

have reverberating effects and the troubling news out of the FDIC recently bodes ill for the future.

Rural America is resilient. Our farmers will continue to work the land in hopes that the next season will bring renewed abundance. But they are also relying on Washington, D.C. to take decisive action to stand by U.S. farm families as we negotiate a quick end to ongoing trade disputes.

Standing idle and allowing rural America to endure another farm crisis like the one we faced in the 1980s would set our economy back in incalculable ways. We must support our farmers through these challenging times, just as they support us every day.

Cage-free egg law signed in Washington State

Washington Gov. Jay Inslee signed a law that would phase out the production and sale of eggs from caged hens, regardless of where the eggs were produced, Feedstuffs reports.

The legislation, pushed by the Humane Society of the United States (HSUS), follows similar actions in California and Massachusetts. In addition to banning cages and requiring more space per bird, the law also mandates that hens be provided scratch areas, perches, nest areas and dust-bathing areas, among other things. HSUS claimed victory for passage of the law.



The average is the middle between the two extremes. My guess is that we are somewhere around average when it comes to rainfall for the past two years. Last summer we were at zero and this summer we are somewhere close to building an ark. They say variety is the spice of life; well, I could use a little blander life right now.

In any case, it is wet, and the extended forecast is for more wet. Without a doubt it is extreme weather and extreme weather calls for extreme measures. I needed to finish planting corn and the weeds on the field were embarrassingly tall and Co-op couldn't even begin to give me an ETA. That meant one thing, I needed to dig the disk out of the machinery row and knock the weeds down to finish planting corn.

We started no-tilling over ten years ago and to the best of my memory that was the last time the disk had been touched. I guess if I wanted to know bad enough, I could have counted the rings on any of the four trees that I had to cut down to move it. On a side note, cutting trees out of a disk is hard on chainsaw blades. I think I will just replace the chain rather than try to sharpen it.

You know it has been a while when you must cut one of the trees down in sections so you can move it after it is down. After the logging part of the recovery was done, we had to get the hitch out of the dirt and high enough to hook it up to the drawbar on the tractor. Apparently, the jack on the disk had either been robbed for some other implement or broken a long time ago. If I was a gambling man, I would bet on it having been broken and never replaced.

It would have been simple enough if we could have put a jack under it and jacked it up to the proper height. Well, nothing is ever simple for me. I had to dig under the tongue, snake a chain through and hook it up to the loader. Then we lifted it high enough to get a jack under it so we could get the tongue to the proper drawbar height. Believe me when I say that the lift was all the tractor wanted.

Then we had to find the hydraulic hoses and they looked like they had spent the last ten years out in the elements. I pulled and dug and finally got

to the end of the hose. Funny thing was that end was about two feet shorter than it should have been. The other three hoses were dug out and they revealed the same injury. Yes, every hose had been cut off about two feet from the end. Our best guess was that one of us was mowing weeds with the sickle mower and probably got a little too close to the disk.

To my surprise they all came off with a minimal amount of cursing and grumbling. In retrospect the hoses being cut probably was a good thing and saved me from changing them after I had hooked them up and applied pressure to them. The look on the parts guy's face when I brought in eight pieces of hose was almost worth the trouble. It took a little bit of CSI work, but we matched all the pieces up and figured out how long each hose needed to be. Four hoses new hoses later we were completely hooked up to the disk and the moment of truth was near.

I slowly raised the disk and went back and checked tires, expecting four flats. To my surprise I had three tires that were completely aired up and the fourth had enough air to make the fifty-yard trip to the compressor. I should have gone and bought a lottery ticket; what were the odds of four tires sitting for ten years and holding air, especially given my normal amount of luck?

Three hours after starting the recovery project I was out in the field and the next critical juncture was ahead of us. Did the stupid thing still work? Were the gangs frozen up? I put the disk down and slowly started through the field. One gang protested a little but finally started turning and soon the squeaking stopped, and the disk did its job.

I have to say that it was rather impressive that something could sit for ten years, grow trees through it and still work once it got to the field. It not only worked but it worked well and after two passes the big, tall nasty weeds were worked down and the field was ready to plant. I took the disk back to the machinery row and unhooked it in the same place vowing not to let weeds grow up or to cut the hoses again. All I know is that it will be ready to go, whether it be next week or next decade.



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GRASS & GRAIN

Published by AG PRESS

785-539-7558
Fax 785-539-2679

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GRASS & GRAIN (USPS 937-880)
The newsweekly for Kansas and southern Nebraska, published each Tuesday at 1531 Yuma (Box 1009), Manhattan, KS by Ag Press, Inc. Periodicals postage paid at Manhattan, Kansas and additional offices. Postmaster send address changes to: Ag Press, Box 1009, Manhattan, KS 66505.

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

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Three considerations in a rising price environment

By Lance Albin

The spring of 2019 is going to be remembered as an historic year for rainfall as well as late planting and will surely set a record for the most stuck planter tractors and sprayers. In fact, the National Agricultural Statistics Service (NASS) just reported that only 58% of the U.S. corn crop has been planted. This compares to 90% at this same time in 2018 and a five-year average of 90%. Other wet years that resulted in late planting (2013, 1995, 1993 and 1984) also resulted in eventual national yields that were well below expectations.

As expected, the grain markets have rallied and prices have improved dramatically. Is this a "black swan" type of event that could move markets considerably higher even from where we are today? Maybe. Is this your typical

once-a-year, decent chance at pricing some grain? Maybe. I don't have a crystal ball to tell you if it is time to sell, but I would like to share three ways of thinking about prices and marketing when markets rise.

Focus on the Fundamentals

Benjamin Graham was famously credited with saying, "In the short run, the market is a voting machine, but in the long run, it is a weighing machine." Graham was referring to the equity markets, but the same principle applies to the commodity markets.

Currently, the bulls have taken control and prices are spiking. This is terrific to see, and I am thrilled with the price recovery. However, as you think about marketing decisions, be sure to remember the fundamental balance sheet picture. Today, the bulls are in control and bidding up the price for your grain. Their

sentiment might prove to be correct. It may also prove to be a divergence from fundamentals (too high or too low). Stay focused on the fundamental supply-and-demand picture and you will make better marketing decisions.

Think Independently

The financial aspects of your farm are unique. The equity position on the balance sheet, the required debt payments each year, the variable cost structure and many other items differ greatly from one operation to another. It's important to know your costs, know your needed cash flow and then think for yourself about marketing grain. What your neighbor does or what a faraway friend says to do on Twitter should be of no consideration.

Warren Buffet once said, "You need a temperament that neither derives great pleasure

from being with the crowd or against the crowd." Do what is right for you and your farm. If the prices available work well for you (and relieve some stress), pull the trigger on at least some portion of production. And then don't look back. If you are effective at marketing grain, you will leave some money on the table – which is okay, everybody does.

Trust Yourself

It's wise to employ the advice of expert counsel. Brokers, commodity market experts and others stand ready to assist. Once you have done adequate research and have come to rational conclusions – trust yourself. You've made it this far by making a series of wise decisions, which have compounded into your success thus far. Likely, some of that success has come from pulling the trigger when the

market presented favorable prices. Keep having trust in your decisions and this is likely to continue. Rudyard Kipling said it this way:

If you can keep your head when all about you are losing theirs ...

If you can wait and not be tired by waiting ...

If you can think – and not make thoughts your aim ...

If you can trust yourself when all men doubt you ...

Yours is the Earth and everything that's in it.

Lance Albin is a senior

credit officer in UMB Bank's Agribusiness Division and has more than ten years of experience in agriculture financing. He has a master's degree in business administration from Fort Hays State University. UMB Bank is one of the Top 25 Farm Lenders in the United States serving farmers/ranchers, producers, processors, manufacturers and dealers throughout the Midwest and Mississippi Delta regions. He can be reached at Lance. Albin@umb.com.

Watershed structures and conservation practices help reduce flooding damages

Extreme rainfall events of May 2019 brought severe flooding and property damage to many residents in central and eastern Kansas. Floodwaters also caused traffic disruptions, including the closure of northbound lanes on the Kansas Turnpike. USDA Natural Resources Conservation Service (NRCS) employees have been surveying the damage from the record-setting rainfall events.

Despite the lowland flooding damage, NRCS engineers and conservationists determined if it hadn't been for the flood control structures installed by watershed district sponsors, flooding damages could have been much worse. NRCS models estimate that the federally assisted watershed dams built in Kansas helped prevent over \$7 million in flooding damages from the May 6-8 storms, and \$18.3 million for the May 20-21 storms.

Kansas NRCS State Conservationist Karen A. Woodrich, said, "Over 50 years ago, NRCS worked with local landowners to construct structures to help reduce flooding damages. Those structures are still doing their job today."

NRCS, with assistance from watershed sponsors and in cooperation with private landowners, has constructed 830 flood control structures in Kansas through the Watershed Protection and Flood Prevention Act. These funds authorized NRCS to provide assistance with the planning and installation of flood con-

trol structures and in applying conservation practices. In addition to federally assisted watershed dams, the Kansas Department of Agriculture - Division of Conservation, has assisted with the construction of 550 additional watershed dams.

Flood control structures may easily go unnoticed across the landscape, but after a heavy rain event, like what was recently experienced in Kansas, these structures spring in to action. They capture rushing flood water and hold the water back allowing it to be slowly released downstream. Slowing the water down and allowing it to be gradually released reduces damage to roads, bridges, fences, cropland, and other property.

Kevin D. Gustafson, state

conservation engineer for Kansas NRCS, added that when flood water is seen flowing around the end of a dam, it does not indicate a problem or that the dam has failed. In fact, this is exactly what they are designed to do during high rainfall events like we have seen the last couple of weeks.

With 1,380 watershed dams constructed statewide, benefits of the Watershed Protection and Flood Prevention Act include significant savings in soil erosion, water conservation, road and bridge damage reduction, wetland/upland wildlife habitat creation, and most importantly—saved lives and property.

For more information on installing conservation practices on your land to help prevent erosion and reduce

flooding, contact your local NRCS office located in the USDA Service Center, or learn more at www.ks.nrcs.usda.gov. Follow us on Twitter @NRCS_Kansas.

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2 other office chairs on rollers; LIKE NEW electric lift recliner; recliner; 4 new Chromcraft chairs on rollers; 2 old rocking chairs; wrought iron quilt stand; lamp tables and lamps; camel back trunk; round glass top patio table with chairs; lots of kids and paperback books; pictures and frames; pots, pans and kitchen items; Kirby sweeper; Proform Space-Saver treadmill; 4 pc. hardwood office set from Pet Foods Co., St. Louis with knee hole desk; sewing machine with supplies; large amount of cake molds; lots of New Handyman tools; lots of New paint brushes and supplies; lots of New Home Care pet supplies.

COLLECTIBLES & ANTIQUES
Galvanized garden gate; milk can; CI Buckeye Akron seat and No. metal implement seat; 1930s US Dept. of Ag Tell How for plants, animals, etc.; 1935 auto repair manual for 31 different makes of cars; Otto Bernz blow torch; Pony and Best Yet capper/riveters; KK-K5 plane; trivets; waffle iron; meat saw; calf weaner; RR wrenches; 8 bale hooks; lots more smalls; pressure washer; forge; fishing poles; buckets; tool boxes; wooden benches; lg. elephant collection; lots of Glassware and knick knacks.

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GRASS & GRAIN Our Daily Bread

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

Gin Fox, Holton, Shares Fun Recipe With Grass & Grain Cooks

Winner Gin Fox, Holton: "Love making these this time of year. Kids kind of freak out at first since the June Bugs are out and about right now ... makes them wonder what I have been up to."

JUNE BUG COOKIES
 1 cup sugar
 1/2 cup white corn syrup
 1/2 cup peanut butter
 6 cups Corn Flakes

Put sugar and syrup into pan and bring to boil (stirring often). Take off stove and add peanut butter and stir until smooth. Pour over corn flakes and stir. Spoon out on waxed paper.

Kellee George, of Shawnee:

PINEAPPLE PIE

1 1/2 cups sugar
 1/2 cup butter, softened
 1 cup crushed pineapple (do not drain; try to dip out not much juice)
 3 tablespoons flour
 1 teaspoon vanilla
 2 eggs
 1 unbaked 9-inch pie shell

Mix all ingredients with mixer until blended. Pour into pie shell. You can put aluminum foil on edges of crust to keep from over-browning. Bake at 350 degrees for 50 minutes. Center might be jiggly but will firm up while cooling.

Lydia Miller, Westphalia:

SMOKY PICKLED OKRA

3 pounds fresh okra
 7 cloves garlic, minced
 4 cups cider vinegar
 4 cups water
 2 cloves garlic, minced
 1/4 cup pickling salt
 1 tablespoon dill seeds
 1 tablespoon smoked paprika
 1 1/2 teaspoons crushed red pepper

Wash okra; trim tops; Fill seven hot sterilized pint canning jars firmly with whole okra, leaving a 1/2-inch head space. Add one clove minced garlic to each jar. In a large non-reactive saucepan mix vinegar, water, garlic, pickling salt, dill seeds, paprika and red

pepper. Bring to a boiling, stirring to dissolve salt. Boil gently uncovered for 2 minutes. Pour hot vinegar mixture over okra in jars leaving a 1/2-inch headspace. Wipe jar rims; adjust lids and screw bands. Process jars in a boiling water for 10 minutes (start timing when water returns to boiling). Remove jars from canner. Cool on wire racks. Makes 7 pints.

Millie Conger, Tecumseh:

BBQ CHICKEN

4 boneless skinless chicken breasts, cut into 1-inch pieces
 2 cups barbecue sauce
 2 cups drained pineapple tidbits
 1 red bell pepper, diced
 1 small red onion, diced
 Cooked rice for serving

Heat oven to 375 degrees. Mix chicken and barbecue sauce together and mix well. Mix in all other ingredients, except rice. Bake 35-40 minutes or until chicken is done. Serve over rice.

Rose Edwards, Stillwater, Oklahoma:

PEANUT BUTTER BARS

1/2 cup peanut butter
 5 1/2 tablespoons butter
 2/3 cup white sugar
 1/2 cup brown sugar
 2 eggs
 1/2 teaspoon vanilla
 1 cup flour
 1 teaspoon baking powder
 1/2 teaspoon salt

Preheat oven to 350 degrees. Grease a 9-inch square baking pan. Beat peanut butter and butter 30 seconds. Gradually beat in sugars, eggs and vanilla until creamy. Whisk together flour, baking powder and salt in a

small bowl then stir into peanut butter mixture until well blended. Bake until evenly browned and edges start to puff and pull away from sides of pan, 30-35 minutes. Cool completely in pan on a wire rack then cut into 16 squares. Bars keep 3 days in air-tight container.

Kimberly Edwards, Stillwater, Oklahoma:

BEET, CARROT & ONION MEDLEY

3 beets, peeled & sliced
 3 large carrots, sliced
 1 red onion, sliced
 3 tablespoons apple cider vinegar
 1/4 teaspoon salt
 1/4 teaspoon black pepper

Preheat oven to 400 degrees. Place vegetables in a 2-quart casserole. Pour vinegar over mixture and season with salt and pepper. Cover with foil. Bake until vegetables are tender stirring once or twice, about 1 hour, to bake.

Another one from Lydia Miller, Westphalia:

PIG-PICKING CAKE

1 yellow butter cake mix
 1 can mandarin oranges
 4 eggs
 1/2 cup oil
 Icing:
 1 large can crushed pineapple
 1 box instant vanilla pudding
 1 large carton whipped topping

Put cake mix and oranges in a blender for a few minutes. Add eggs and oil. Mix and bake at 350 degrees in a 9-by-13-inch greased and floured cake pan for 20 to 25 minutes. Mix together the undrained pineapple and pudding mix. Add whipped topping. Spread on cooled cake.

During Storm Season, Ready Your Outdoor Power Equipment

(NAPS) — At any time of year, storm preparedness is important. Tornadoes, floods and storms can damage property and endanger lives. The preparations you make ahead of bad weather, however, can help you recover faster and stay safer during the storm and the cleanup.

To help, the Outdoor Power Equipment Institute (OPEI) — an international trade association representing power equipment, small engine, utility vehicle, golf car and personal transport vehicle manufacturers and suppliers — offers tips for home and business owners.

"Right before a storm, people can rush, and it's easy to skip key steps in getting their outdoor power equipment ready," said Kris Kiser, president and CEO of OPEI. "At all times of the year, keep your equipment in working order, have the right fuel on hand and know where your safety gear is. This is doubly true during storm season."

Survey your property. Consider the damage a storm might cause and list the equipment you might need to weather the storm or make repairs afterward.

Take stock of your equipment. Make sure equipment is in good working order. If needed, take it to an authorized service center for maintenance or repair.

Find your safety gear. Avoid the scramble for sturdy shoes, safety goggles, hard hats, reflective clothing, flashlights with working batteries, and work gloves. Round them up now and store them in an accessible area with your equipment.

Review the owner's manuals for your equipment. Know how to operate your equipment safely.

Keep the right fuel on hand for your outdoor power equipment. Fuel stations may be closed after a storm, so it's important to protect your equipment by having the right fuel on hand. It is illegal to use any fuel with more than 10 percent ethanol in outdoor power equipment, and improper fueling may damage or destroy your equipment. Use the type of fuel recommended by



your equipment manufacturer and store fuel in an approved container. For more information, visit www.LookBeforeYou-Pump.com.

Use safety zones and protect bystanders. Observe a safety zone by keeping power lines at least 50 feet away from your work area. Keep bystanders, children and animals out of your work area. Do not allow other people near outdoor power equipment when starting it up or using it.

Follow safe procedures when using chainsaws. Always stand with your weight on both feet and adjust your stance so you're angled away from the blade. Hold the chain saw with both hands. Never overreach or cut anything above your shoulder height. Always have a planned retreat path if something falls. Understand kickback, which may happen when the moving chain at the tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.

Use generators safely. Generators should never be used in an enclosed area or placed inside a home or garage, even if the windows or doors are open. Place the generator outside and away from windows, doors and vents. There should be plenty of ventilation. Keep the generator dry and do not use it in rainy or wet conditions. Before refueling, turn the generator off and let it cool down.

Make sure all UTV operators know how to drive safely. Keep the UTV stable and drive slowly. Do not turn the vehicle mid-slope or while on a hill.

If removing water after a flood, use pumps safely. Never operate a centrifugal pump without water in the pump casing. All self-priming pumps require water to be added to the pump casing to start the priming process.

Learn More
 For further facts and tips, go to www.opei.org

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- Set includes: 6 small & 6 large

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

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

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

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AUCTION

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(Family Features) — As a child, you knew dad would be thrilled with whatever card or sculpture you could conjure. As an adult, you can still give a homemade gift for Father's Day, but with a grown-up twist.

Almost nothing beats a steak hot off the grill, and ribeyes are one of the most popular and flavorful cuts. Remember, though, not all ribeyes are the same. Learn about the differences from the experts at Omaha Steaks:



Omaha-Cut Ribeye

This robust, richly-marbled ribeye is tall and thick, a distinct steak shape you normally find only in filet mignon. The cut, which is available exclusively from Omaha Steaks, combines the tender texture of the filet with the traditional rich, buttery ribeye flavor that makes it a steakhouse favorite. These juicy, flavorful ribeyes cook well thanks to their thicker size, which allows for a more uniform distribution of heat.



Classic Ribeye

The classic ribeye is rich and well-marbled, a true steak-lover's steak with flavor that multiplies as marbling melts during cooking, creating buttery richness and irresistible steak flavor. A classic ribeye is easy to cook on the grill, in a pan or seared and roasted in the oven, and it's easy to season since the rich beef flavor doesn't require much help.



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A Private Reserve Bone-In Ribeye, often called the "Cowboy Steak," features flavor and tenderness with plenty of marbling for a signature ribeye taste. The bone-in cut not only lends even more flavor and extra juiciness, it makes for a striking presentation on a special occasion. Season lightly to let the steak's natural flavors really shine, and have big plates ready to make a big impression.



Ribeye Crown Steak

A melt-in-your-mouth steak, the Private Reserve Ribeye Crown Steak is uniquely high in both tenderness and rich ribeye flavor. It's cut from the richest, most buttery portion of the ribeye, and that intense marbling deepens the signature ribeye flavor while extra aging enhances the tenderness. This is a true entertaining selection, ideal for wowing a crowd.



King-Cut Ribeye on the Bone

With a flavor-enhancing bone in the middle, this ribeye is truly distinctive. These cuts are perfect for smoking after a pan sear, or try slow-roasting, quick-roasting or grilling over indirect heat. The three-pound cut might just break your plate, so plan on a platter and carve to serve.

Explore more steak cuts for celebrating dad at OmahaSteaks.com.

SMOKY BACON, CHIVE AND SHALLOT BUTTER

Recipe courtesy of Omaha Steaks
Cook time: 25 minutes
Rest time: 30 minutes
Servings: 10



- 4 ounces bacon, coarsely chopped
- 2 sticks unsalted butter, divided
- 1 small shallot, minced
- 3 tablespoons chives, finely chopped
- 1 teaspoon apple cider vinegar
- Kosher salt, to taste
- Freshly ground pepper, to taste

In small saute pan, cook bacon over medium heat, stirring occasionally until browned and crisp, about 8-10 minutes. Using slotted spoon, transfer bacon to small bowl.

Cut 1 stick butter into pieces. Add pieces to drippings and cook, stirring often, until butter foams and browns, about 5-8 minutes.

Strain mixture into medium bowl or bowl of stand mixer. Stir in minced shallot.

Allow bacon fat-butter mixture to cool 30 minutes, or until it reaches room temperature.

Add remaining stick butter to bacon fat mixture. Using hand mixer or stand mixer, beat until light and fluffy. Add chives, vinegar and reserved bacon. Season with salt and pepper, to taste.

Place butter mixture in refrigerator and allow to firm slightly. Butter can be made up to 3 days in advance. Remove from refrigerator 1 hour prior to serving to allow butter to soften.

#14733
Source: Omaha Steaks



Home and Away

I've Had Enough

By Lou Ann Thomas

The recent deluge of seemingly never ending rain might be my fault. You see, over the previous two years, with drought threatening our livelihoods and well-being, I often visualized, prayed for, even participated in a dance or two to summon rain. Not realizing how powerful these things could be I must have overdone it.

Now, having proven to be quite accomplished at these sorts of things I am asking for the rains to stop. I've had enough! The back rooms of my basement have water in them, the pond north of my house now overflows with every passing rain no matter how small, and my toes are beginning to form webs. And unfortunately, from a quick glance at the long-term weather predictions it

appears it isn't going to dry out any time soon.

There is some solace in knowing that we are all navigating the same wet path and dealing with many similar issues. At this point any basement that might get wet, is probably now so, and we are all carefully watching our fields and livestock to see how they are weathering this. I know few who have escaped the non-stop storms without some kind of challenge — whether that's a wet basement, crops that are being damaged or not yet planted, rising creeks and rivers, or a decaying and drippy mental state.

Days of gloomy, rainy weather along with fear of even more severe flooding have worn me down to a nub. On days when the sun makes even the most brief of

appearances, like a moth to an overhead light I want to run from my damp cave to bask in and soak up the slivers of warmth and light. Those moments of sunshine breaking through the gloom offer me hope that soon basements will dry, yards will finally be mowed, the crops will recover and my mental well being may eventually return.

I know it does no good to complain about the weather. We can't control whether or when it rains. We can't control how much rain we receive and even if we are able to negate some of its damage we can't even completely mitigate that. I admit there have been times in the last few weeks I've felt like shedding tears as another and another storm headed my way. But then I would realize that those tears would only add to the water level.

So I have found myself once again repeating mantras and sending out prayers asking that this wet pattern soon pass. However, I assure you, having learned the power of such actions I am treading carefully — with my now webbed feet.

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WHEAT HARVEST SPECIAL 2019

Statewide wheat tour gathers 2019 Data

By Lucas Shivers

The annual Hard Winter Wheat Tour scouted fields in the first week of May to gather real-time data and set accurate harvest expectations for 2019. “We saw gorgeous fields, but we also saw a lot of fields that were really stressing,” said Claire Hutchins, market analyst for U.S. Wheat Associates from Colorado.

More than 75 wheat experts from 25 states and three countries traveled on six different routes between from Manhattan to Colby to Wichita and back to Manhattan to predict quality.

“Tour participants had a hands-on experience showcasing the volatility of Mother Nature and the impact it has on our nation’s wheat farmers,” said Jordan Hildebrand, program assistant at the Kansas Wheat Commission.

Yield Forecasts

Organized by the Wheat Quality Council, teams stop at random wheat fields every 20 miles along the routes to scout fields.



75 tour participants from around the country descended into Kansas to scout the state’s wheat crop. Included in the group are Sara Ann Haring, The Andersons; Amanda Whitehurst, USDA/RMA; JM Ascendo, U.S. Global Leadership Coalition ready, for their first day of scouting.

The average predicted yield was 47.2 bushels an acre for the 2019 wheat crop.

“While an estimated 7 million acres of wheat were planted in the fall, the Kansas wheat crop varies in condition based on planting date,” said Hildebrand.

The official tour projection for total production of wheat

to be harvested in Kansas is 306.5 million bushels.

“This number is calculated based on the average of estimated predictions from tour participants who gathered information from 469 fields across the state,” Hildebrand said.

Every tour participant made yield calculations at each stop based on three different area samplings per field. Estimates were averaged and eventually added to a formula that produced the final yield estimate.

Passionate Participants

The tour brings together participants from grain companies, flour mills, government agencies, wheat growers and other food manufacturers.

“These are millers, bakers,

food processors and traders who buy the wheat that Kansas farmers grow,” said Hildebrand.

Hutchins works with the export market development and technical services to overseas customers.

“It’s important to communicate with buyers about the future of the crop,” said Hutchins. “If we can get an idea of the protein potential of this crop, we help optimize purchase decisions.”

Tour Benefits

Beyond getting a glimpse into future yields, the benefit of the tour is the ability to network among the “grain chain.”

This tour gives Kansas farmers the chance to interact with and influence their customers around the globe.

“We saw such variability, not only from county to county, but from field to field,” said Hutchins. “You could even tell the differences as you’re passing by on the road.”

The wheat tour scouts competed hundreds of stops at wheat fields across all of Kansas, northern Oklahoma and southern Nebraska.

“It was valuable to be able to witness first-hand some of the issues our farmers have to face to produce a crop,” said Hutchins. “It allowed us to put the knowledge we had into a tangible, real-world experience.”

The tour also educates customers about the timing of their purchase decisions.

“Personally, I come from an irrigated farm, so I’m on this tour to help myself understand the volatility of growing conditions of dryland wheat,” said Hutchins. “I want to learn more to work with traders.”

Connections

Gary Millershaski of Lakin interacted with major customers and told them the story of the Kansas farmer.

“The connections that we make on this tour are unlike anything else,” said Millershaski. “Having producers and our customers driving around in the same vehicles, there’s just a lot of information that

gets shared both ways.”

Millershaski said the tour helps everyone learn about the challenges of production and the frustration of the prices.

“We get to learn about the changing dynamics between them and their customers,” said Millershaski. “It helps to put faces to the wheat they receive. We’re not a number to them after the tour. We’re

real.”

Scouts reported seeing widely varying wheat conditions, largely due to planting date along the route. While there were sightings of nitrogen deficiency, many producers chose not to apply fertilizers due to decreasing wheat prices and increased input costs.



A bone-dry field in Osborne County showing signs of drought stress.



A field of wheat east of Dodge City that tour participants estimated at 82 bushels per acre.



Western Kansas field of Joe, a variety resistant to wheat streak mosaic virus. This field had 70 pounds of nitrogen applied for high yields and good protein.



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Investing in the future through wheat genetics research

Two sets of wheat seen in this season

By Lucas Shivers

Two different wheat crops have emerged across the state, said Romulo Lollato, assistant professor of agronomy at Kansas State University.

One set of wheat fields are on a more traditional timeline as harvest approaches soon, while another set is weeks behind due to wet weather conditions.

"If you think back to October for the prime planting time, parts of the state got up to ten inches of rainfall from October 5-20 or so," Lollato said. "Not much was planted then. This second crop planted later into the fall has been limited compared to the earlier plantings."

The fall, winter and spring weather patterns in Kansas have been colder than typical years and delayed development of wheat, especially for the late-planted crop.

"We're ten to 15 days behind for the majority of state compared to our historical average," Lollato said. "The early planting fields are looking good with tillering and root development."

Lollato said the two-week delay has been notable as the

season wraps up close to harvest time.

Traveling around for state for several years supporting farmers, Lollato is the K-State Extension Wheat and Forages specialist. He leads an interdisciplinary team and directly oversees more than 20 different research projects related to wheat production.

Lollato earned his degree in agronomy from Londrina State University in Brazil, masters in plant and soil sciences and Ph.D. in crop science both from Oklahoma State University.

Yield Estimates

Lollato said the predictions of the official wheat tour from May, which was estimated at 47 bushels to the acre, may now be out of reach for most sites.

"It was achievable then, but not as much now," Lollato said. "That was the potential rate, but many things went downhill from there. All of the rain is now the main concern."

With the excessive rainfall and flooding conditions, wide swaths of wheat are water-logged.

"The roots need oxygen to respire. When wheat fields are

underwater, it can cause premature death as plants drown out in low-lying areas," Lollato said. "We're seeing it all over the state, especially in south central Kansas."

Lollato said there are also concerns with the soil and growing conditions.

"In cases where the fields were looking like lakes, we're seeing some lodging," Lollato said. "This is simply when the crop is not standing up or when the wheat stem breaks or kinks. With the flooding, it's a serious concern. We hope the crop is just leaning over and will stand back up."

Not much grain can be produced with the wet conditions in the grain filling process.

"Fueled by muddy field conditions and persistent weather, there are steady concerns if fields are under water," Lollato said.

Disease Conditions

Disease pressure results from the high moisture content.

A fungus called stripe rust has been on the increase in south central Kansas. Small yellowish 'rust' appears in linear rows on the leaf. Infections can result in a stripe the length

of the leaf.

Stripe rust conditions stunt the plants and damage some of the largest leaves responsible for most of the photosynthesis.

"If you didn't spray already, it's probably too late," he said. "It can really hurt yields."

Head scab is another disease condition. While it affects the heads only, it causes small shriveling and decreases production.

"Head scab is not a concern every year," Lollato said. "We see it most in cool conditions for heading and flowering, it's exactly what we've been having. This fungus can compromise the grain."

These diseases are not as easy to control, Lollato said.

"The best way to prevent or deal with these fungi are to plant resistant varieties and check fungicide labels to see if they cover it and if it is applied at the right times," he said. "There's not a bullet-proof solution. Genetics and fungicides can help."

With so much rainfall over the season, soils also can't hold as much nutrients.

"We're seeing nitrogen and sulfur deficiencies," Lollato

said. "The rain leeches them down into the soil profile. We saw it earlier in the season with less root development. We're not seeing as much now because the roots grew down some to reach more nutrients, but it was something to keep in mind across the state."

Limited Markets

Over the years, Kansas wheat markets and number of acres have decreased with matters of economy.

"If the prices were up, we'd probably have more wheat" Lollato said. "Locally, we're not seeing prices bouncing back up with the less area of production. We're seeing major players in the international markets with less freight costs to ship from Russia or European countries to

get product to Africa or other places."

Lollato started in crop production, working in his family's soybean-corn-wheat farming operation as a native of Brazil.

Past research has focused on intensive wheat management and the meteorological limits to winter wheat productivity in the southern Great Plains, as well as soil water dynamics under the wheat crop and wheat variety response to soil pH and aluminum concentration gradients.

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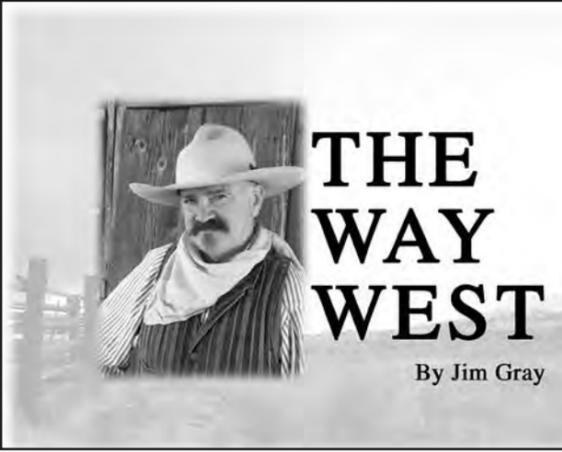
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THE WAY WEST

By Jim Gray

Stockade of Infamy

The devastating raids through north-central Kansas in August of 1868 brought a decisive response from General Philip Sheridan. Operating out of Fort Hays the general organized a surprise attack during the winter while the tribes were at rest on their reservation. According to treaty, bands of Cheyennes, Arapahos, Kiowas, Comanches, and Apaches lived in winter villages south of the Kansas border. The villages extended

ten to fifteen miles along the Washita River in present-day western Oklahoma. The basin, bordered by sandy bluffs, provided winter protection, abundant water and timber, and plenty of good grazing for their horses.

Nearly three thousand soldiers were placed under the command of Brevet Major General George Armstrong Custer. Black Kettle's Cheyenne village was an easy target nestled in a cottonwood grove

west of the other villages. In the early morning hours of November 27, 1868, Custer's troops targeted the isolated camp, knowing that thousands more warriors were sleeping farther to the east.

Over one hundred warriors were killed. Nine hundred horses were captured. Significantly, fifty-three women and children were taken captive. At Fort Supply Custer and his troops were welcomed as conquering heroes. The captives, "wrapped in brightly colored blankets so that only their eyes were visible" rode two to three to a pony. Resigned to their fate, no one looked to the right or left but stoically held their gaze before them as they passed General Sheridan in review.

The review was a grand affair with commanding officers saluting the general with sabers to which Sheridan responded with a tip of the cap. Riding his spirited black stallion, Custer broke formation as he approached General Sheridan. Strains of Garryowen from the regimen-

tal band lilted through the air as the two officers jubilantly exchanged greetings. The next day wounded captives were treated at the fort's hospital.

The captives were sent north with a supply train under the command of Major Henry Inman. After a brief spell at Fort Dodge, Kansas, they were transferred to Fort Hays where they were held in a stockade attached to the post guard house. Custer returned to the field with his troops, traveling to Fort Cobb, Fort Sill, and down the Red River. Turning toward the Sweetwater River and a known Cheyenne village, Custer negotiated the release of Sarah White and Anna Morgan. The women had been taken captive by warriors during the August 1868 raids through north-central Kansas. To gain their release and ensure that young warriors would not return to war, three chiefs were captured and held by Custer and his troops. The chiefs have been identified by various names. George Bent, who was half Cheyenne, said that they were Lean Face, Fat Bear, and Curly Hair.

Custer had a level of endurance in the saddle that few could match. Even so, he expected his troops to face his grueling marches with military

resolve. By the time his troops rejoined the rest of the 7th Cavalry on March 22, 1968, at the Washita battlefield his men were starving and near collapse. They remained in camp on the Washita for five days before resuming their march to Camp Supply before their eventual return to Fort Hays on April 10th.

Besides the three captive Cheyenne chiefs, Custer brought along the daughter of Cheyenne Chief Little Rock. Mo-nah-see-tah had been with Custer as an envoy to the tribes during his long march to Red River. The soldiers called her Sallie Ann. Instead of sending Sallie Ann and the three chiefs to the stockade, Custer kept them in his camp east of Fort Hays on Big Creek. Eventually the three chiefs were taken to the stockade. Sallie Ann was allowed to come and go as she pleased.

A growing uneasiness within the stockade set the guards on edge. The officer of the day, Lt. David Rousseau, 5th Infantry, decided on May 9th to move the chiefs inside the adjoining guard house. The sergeant and guard sent into the compound did not speak Cheyenne or understand sign language. Not knowing what was happening, the

Cheyenne men resisted, and a fight broke out. A Cheyenne woman stabbed and killed the sergeant. Instantly the guard fired, killing Curly Hair. A thrust of the guard's bayonet found its mark, and Lean Face was dead. Finally, the same guard smashed the butt of his rifle into Fat Bear's head, rendering him unconscious.

At Camp Supply Cheyenne families were demanding the return of the women and children. The Cheyenne men at Camp Supply had shown an "earnest" desire for peace, leading to an order communicated on May 31st to be sent back to Camp Supply under proper guard.

Company D, 7th Cavalry left Fort Hays with the Cheyenne women and children on June 13, 1869. The soldiers surprisingly gave a hearty cheer. The Cheyenne women laughed and chatted among themselves as the wagons carried them away from the stockade of infamy 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.

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Planting lags and wheat slow to ripen

For the week ending June 2, 2019, there were 2.4 days suitable for fieldwork, according to the USDA's National Agricultural Statistics Service.

Topsoil moisture supplies rated 0 percent very short, 1 short, 61 adequate, and 38 surplus.

Subsoil moisture supplies rated 0 percent very short, 1 short, 63 adequate, and 36 surplus.

Field Crops Report: Winter wheat condition rated 3 percent very poor, 10 poor, 30 fair, 47 good, and 10 excellent.

Winter wheat headed was 95 percent, equal to last year, and near 97 for the five-year average. Coloring was 16 percent, well behind 43 last year and 48 average.

Corn condition rated 3 percent very poor, 14 poor, 40 fair, 39 good, and 4 excellent. Corn planted was 79 percent, behind 96 last year and 93 average. Emerged was 60 percent, well behind 89 last year and 81 average.

Soybeans planted was 26 percent, well behind 77 last year and 53 average. Emerged was 16 percent, well behind 58 last year and 36 average. Sorghum planted was 8 percent, well behind 34 last year, and behind 26 average.

Cotton condition rated 8 percent very poor, 8 poor, 53 fair, 29 good, and 2 excellent. Cotton planted was 48 percent, well behind 75 last year, and near 49 average. Sunflowers planted was 17 percent, behind 33 last year, and near 19 average. Pasture and Range Report: Pasture and range conditions rated 1 percent very poor, 3 poor, 25 fair, 55 good, and 16 excellent.

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Each year, the Kansas FFA association recognizes three FFA members who have the top Supervised Agricultural Experience (SAE) programs with the Star Farmer, Star in Agribusiness and Star in Ag Placement awards. The Star competitions are sponsored by Farm Credit Associations of Kansas, United Bank and Trust and Kansas Farm Bureau. Pictured above are the winners, Ethan Dickerson, Emily Swiger and Kylar Lee.

FFA Star members recognized

Natoma FFA member Ethan Dickerson was recognized as the State Star Farmer, one of the association's top honors, during the 91st Kansas FFA Convention, May 29-31, 2019, on the Kansas State University campus.

Dickerson's SAE is in Beef Production Entrepreneurship. During his SAE experience, he learned new methods and technologies to improve his farm and cattle herd. Dickerson has been able to expand his herd and been actively involved in the selection and breeding process of his cattle. He has also been able to add a new breed of cattle, Red Angus, to his herd. After high school, Dickerson plans to attend Butler County Community College then transfer to K-State to pursue a degree in agribusiness. He wants to return to own and operate his own cattle operation after graduation from college.

Ethan is the son of David and Stephanie Dickerson. His FFA chapter advisor is Jeremy Long.

Dickerson was the district winner in the Northwest District. The other district finalists for the state Star Farmer honor were: East Central District: Robert Phillips, Mission Valley; North Central District: Rylie Volkman, Abilene; Northeast District: Emily Albright, Royal Valley; Southeast District: Ashley Chandler, Neodesha; and Southwest District: Emma McClure, Hugoton.

Coffeyville FFA member Emily Swiger was recognized as the State Star in Ag Placement.

Swiger's SAE is in Placement in Agribusiness. She works at Frazee Veterinary Consulting in Coffeyville, Oklahoma. Her job includes preparing animals for surgery and caring for them afterwards. She assists with clinical paperwork and is responsible for sterilizing surgical tools. Along with her basic clinical duties, Swiger also vaccinates, tags, palpates, performs semen

checks and fills out records on all cattle.

Emily is the daughter of Brian and Carol Swiger. Her FFA chapter advisor is Catherine Stallboris.

The district star winners who were finalists for the state Star in Ag Placement honor were: South Central District: Cole Coggins, South Barber; Northeast District: Kortnee VanDonge, Holton; East Central District: Hunter McCurdy, West Franklin; Southwest District: Hallie Wettstein, Hugoton.

Burlington FFA member Kylar Lee was recognized as the State Star in Agribusiness, one of the association's top honors, during the 91st Kansas FFA Convention, May 29-31, 2019, on the Kansas State University campus.

Lee's SAE is in Sheep Production Entrepreneurship. He has not only raised sheep but expanded his herd over the last four years. Currently, his herd consists of 65 head of both black face and white face cross sheep. Lee travels across the country searching for the best genetics to use in his herd. He then raises the sheep and sells them for others to show. Lee's business, KWL Show-

stock, does not stop once he has sold an animal. He ensures that services are provided to his customers long after they have purchased a show animal from him. Lee provides services of show management and preparation to ensure his clients get the support they need when exhibiting the animals they purchased from him.

Kylar is the son of Carl Lee and Kristen Varner. His chapter advisor is Julie Carden.

New crop of hemp in Kansas delayed by rain, flooding

(AP) - Recent flooding is delaying plans for a newly legal crop of hemp in Kansas.

Rick Gash is a farmer in rural Butler County who operates the Hemp Development Group. He is one of many farmers who hoped to plant hemp seeds this year after the Legislature legalized the crop in 2018 and allowed Kansas farmers to begin harvesting hemp this year.

The crop can be farmed only through the state's research program, which requires a state-issued license.

Gash was preparing 80 acres to plant hemp, but his land was flooded after heavy rains.



The Academy Awards may not always be of interest to readers of *Grass and Grain*, (the exception would be the award for Kevin Wilmott last year), but this one is such good news that I feel compelled to share it.

Our friend Wes Studi is to receive an honorary Oscar during an October awards ceremony. The Governors (the folks that run the Oscars) are honoring some other professionals as well, but it is the award for Wes that touches our hearts.

I first met Wes many years ago when he was in Kansas making *The Only Good Indian* (a Kevin Wilmott film that I highly recommend if you have not seen it; you will recognize lots of places in the film, including the old Menninger campus in Topeka). I interviewed him for *Around Kansas* at American Frontier Productions a few years later.

Wes is a Vietnam Vet, an activist (whatever that means

- in my mind, it means he speaks out for what he believes), and an amazingly talented, hard-working actor and musician. Of Cherokee descent, he was born and raised in Nofire Hollow, Oklahoma. He appeared in more than thirty films including *Dances with Wolves* (1990), *The Last of the Mohicans* (1992), *Geronimo: An American Legend* (1993), *Heat* (1995), *The New World* (2005) and *Avatar* (2009).

"I am deeply honored and humbled," Wes posted on Facebook. "The Academy of Motion Picture Arts and Sciences announced I'm receiving a Governors Award, an honorary Oscar. Thank you so very much for the honor!"

While Magua from *Last of the Mohicans* is fixed in the minds of many (Studi was terrifying), the role I wanted to ask him about was his portrayal of Opechancanough (don't even try to pronounce it) in the *New World*.

Having grown up in Virginia, and having devoured our story-book Virginia history in the fourth grade, I knew Opechancanough was the uncle of Pocahontas, a brother to the chief Powhatan. I was mesmerized to see him brought to life, and Wes was perfect. He was characteristically intense, as if all his talent were focused into a laser beam performance. Likewise, his portrayal of Geronimo was one of the pieces of the story that inspired my friend, Louis Kraft, to delve into the story of Lt. Charles Gatewood and Geronimo and to write two books on the subject.

"These Governors Awards given by the Academy each year recognize individuals who have devoted themselves to a lifetime of artistic accomplishment and brought outstanding contributions to our industry, and beyond," said Academy president John Bailey.

We cannot think of anyone more deserving than Wes. Kudos, and come visit us soon somewhere... Around Kansas.

Deb Goodrich is the host of *Around Kansas* and the *Garvey Historian in Residence* at the Fort Wallace Museum. She is the chairman of the Santa Fe Trail 200, the anniversary of the opening of the Santa Fe Trail in 2021. Contact her at author.debgoodrich@gmail.com.

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Kansas Agriculture and Rural Leadership, Inc. announces Class XV

Kansas Agriculture and Rural Leadership, Inc. (KARL) Class XV participants have been announced by the program's president, Jill Zimmerman. The class was inaugurated at an event June 1 in Lindsborg.

National Geographic photographer, Jim Richardson, provided a program about America's Heartland to celebrate the inauguration of the new class and the third decade of KARL.

"It certainly appears that KARL Class XV is filled with outstanding individuals from throughout our state, and I am excited for them to begin the program," said Steve Baccus, Minneapolis, who recently assumed duties as chairman of the KARL board of directors. "KARL aims to create leaders who will help ensure the long-term viability of Kansas agriculture, who will think forward, who have the ability to engage and positively influence society, and who can

participate in communication networks that enhance agriculture and rural Kansas."

The class will participate in seminars across Kansas, a national study/travel seminar in Washington, D.C. and a Blue Chip seminar, and conclude in 2021 with an international study/travel seminar to the United Arab Emirates. The goal of the program is to develop problem solvers, decision makers and spokespersons for agriculture and rural Kansas.

Seminar themes include leadership assessment and potential; natural resources and energy; leadership through communication; agricultural policy; international trade and finance; Kansas' political process; global perspectives; social and cultural issues; understanding and developing leadership skills; agribusiness and marketing; information technology; advances in health care; the resources and people of Kansas and other areas

designed to develop leaders through exposure to an array of current topics and issues and how they interrelate.

The newest members of Kansas' premier two-year agricultural and rural leadership development program represent a myriad of professions influential to agriculture and rural communities in Kansas.

KARL Class XV participants by hometown and county are:

- Inman, McPherson County: Kim Baldwin (family farming operation)
- Mound Valley, Labette County: J.J. Bebb (Cornerpost Crop Insurance)
- Lenexa, Johnson County: Leland Brown (Merck Animal Health)
- DeSoto, Johnson County: Allison Burenheide (Merck Animal Health)
- Ellis, Ellis County: Darci Cain (Fort Hays State University)
- Liberal, Seward County: Stewart Cauble (Seaboard Farms)
- Downs, Osborne County: Amy Doane (Smith County Memorial Hospital)
- Tescott, Ottawa County: Jessica Ebert Ebert Ranch, CALF News)
- Pratt, Pratt County: Karly Frederick (BTI John Deere)
- Sabetha, Nemaha County: Roy Frey (Kansas Insurance Group, Inc.)
- Topeka, Shawnee County: Sean Gatewood (Gatewood Governmental Relations & Consulting)
- Phillipsburg, Phillips County: Kayla Jarvis (First National Bank and Trust)
- Manhattan, Riley County: Justin Kastner (Kansas State University, Trinity Canton Church)
- Garden City, Finney County: Austin Love (Commerce Bank)
- Oakley, Logan County:

- Garden City, Finney County: Bob Tempel (WindRiver Grain, LLC)
- Hutchinson, Reno County: Debra Teufel (Hutchinson/Reno County Chamber of Commerce)
- Riley, Riley County: Shawn Thiele (IGP Institute, Kansas State University)
- Abilene, Dickinson County: Beth Weibert (Ag Risk Consulting)
- The KARL program is a non-profit, educational organization dedicated to developing leaders for agriculture, business and rural communities, and is a member of the International Association of Programs for Agricultural Leaders (IAPAL), represented in 40 states and multiple countries. For more information about KARL, call Jill Zimmerman at 785-532-6300, email karl@ksu.edu or visit the KARL website at www.karlprogram.com.

Year-round E15 fuel will benefit consumers, environment, farmers

Kansas Corn Growers Association (KCGA) leaders reacted positively to EPA's announcement finalizing the rule granting the Reid Vapor Pressure (RVP) waiver to E15, a fuel blend that contains 15 percent ethanol. President Trump had promised the announcement before June 1. The final rule eliminates the outdated barrier that required retailers in many areas of the country to stop selling E15 during the summer months.

"This rule comes at a good time for farmers and motorists. E15 is approved for use in vehicles 2001 and newer and that is nearly every passenger vehicle on the road today," KCGA CEO Greg Kressek said. "Ethanol certainly benefits our corn farmers. But the real winners are drivers who will have more access to a lower priced, higher octane, cleaner fuel. The retailers who already offer E15 have already developed a big following of drivers who are enjoying the benefits of this fuel."

In 2012, EPA approved the use of E15 fuel in passenger vehicles (cars, light trucks and SUVs 2001 and newer). But with the

outdated RVP rule, sales of this lower cost, higher octane, cleaner burning fuel have been limited during the peak driving season. For years, KCGA has advocated for a waiver of the outdated RVP rule to allow year-round sales of E15. In April, Kansas and ethanol supporters across the nation submitted comments to the EPA docket supporting the year-round E15 rule.

"It is a good sign to see EPA use common sense and sound science in this decision that benefits the environment and consumers," Kressek said. "This decision comes at a good time as Kansas celebrates Kansas Biofuels Week to raise awareness and appreciation of the contributions biofuels like ethanol make to our state's economy and environment."

Kansas Governor Laura Kelly declared the May 26-June 2 as Kansas Biofuels Week. The Kansas Corn Commission continues to lead efforts to increase the availability of E15, expanding fuel choices for Kansas drivers. Kansas now has 27 fuel retailer locations across Kansas that offer E15 as choice for their customers. While this rule allows the sale of E15, it does not require it. It simply allows fuel retailers to add E15 as an option for their customers. E15 is for cars, light-duty trucks, and SUVs model year 2001 and newer. Other engines like motorcycles, boats or other small engines like lawn mowers can use regular unleaded which is normally E10 fuel.

Higher blends of renewable fuels such as E15 lower fuel prices for drivers and result in lower emissions, improving air quality and providing greater greenhouse gas reductions. Blending additional ethanol replaces some of the most harmful components in gasoline, and cleaner ethanol results in 43 percent fewer greenhouse gas emissions than gasoline.

For more information on Kansas ethanol-blended fuels and where to find E15 and higher ethanol blends, visit fueledbykansas.com.

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Lawyers bookcase w/secretary & base drawer; 1920's era petite dining room set, hutch & buffet; Oak Hoosier cabinet; claw foot dining table; china cabinet; chairs; McCormick Deering cream separator; cider press; McCormick Deering 1 1/2 hp, 3 hp, 6 hp M stationary engines; engine trucks; Monitor stationary engine pcs.; Maytag motors; IHC KB2 eng. & trans.; NOS IHC, Buick, Olds piston rings; Model T running gear; 6" cast iron claw foot tub; IHC, Ford manuals; old toys; Blacksmith forges, post vises & tools; 1917 Hay-Budden anvil; wood burning stove; kerosene stoves; jars; crocks; enamelware; implement seat; matchbook collection; old tools; Titian 40 McCulloch chainsaw; Briggs & Stratton eng.; Continental 45 degree eng.; old soda fountain pcs.; old doors; buggy steps; Franklin Mint models; Lionel N ga. train; Schwinn bikes; old washing machines & coal steam heater; JD D block; car radios; Harvey County license plates; flour grinder; Maytag, Mobil & Conoco cans; mantel clock; 1975 Yamaha Chappy 80cc; dishes; flatware.

MACHINERY & SHOP ITEMS
1951 Ferguson T030 with loader; 1969 Gleaner combine; 1975 Ford F-600, 14' metal dump bed; 2003 Dodge caravan, 200K; Hotsy steam cleaner; John Deere 494A planter; IHC 10' disc; Kruse chisel; gooseneck trailer; garden tools; Snapper riding mowers; Sears mower; tank sprayer; log splitter, 2 cyl. Wisconsin; hardware; sickle mower; salvage iron; sprayers; chicken feeders; rotary phase converter 3 hp; rotary table; indexers; machinist tools; car parts; inspection equipment; pin gauges; wrenches; toolboxes; storage cabinets; measuring tools; wood jointer; Lincoln tig machine; rough Ponderosa Pine planks; Pecan; Walnut; DeWalt 530K hammer drill, bits; Makita saws; Hilti SD 4500 screw gun; Skil router; Craftsman router; 8-Bil-Jak shoring jacks; Bil-Jak scaffolding; leveling jacks; HD casters/footbrake; Baker drywall scaffolding; shop lights; Dyna-Glo smoker; Winchester shotgun; training pistol; & more.

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AUCTION

SATURDAY, JUNE 29, 2019 — 10:00 AM
SALE WILL BE OVER BY NOON! LUNCH!

Due to the death of my father, Richard Matzke, I will sell the following items, located from the East edge of WHEATON, KANSAS on Hwy. 16, 3.3 miles straight North on the Wheaton Road to Grange Road, then 1/4 mile East.

TRACTORS & TRAILERS
John Deere 4440 dsl. SGB cab, SN4440H-043514R, with Quad Range trans., very good 18.4x38 tires, sells with John Deere 148 loader w/new 7' bucket; single bale spear for 148 loader; single bale spear for GB loader; 3 pt. big bale mover; 2017 Stock TravAlong 15'x6' bumper hitch stock trailer w/ center gate — Like New; 16'x80" bumper hitch car trailer w/drop down, all metal, loading ramp — Good Shape; Bison NHVH242XHD 8' heavy duty 3 pt. blade w/hyd. swing and hyd. tilt — Like New.

LIVESTOCK EQUIPMENT — (Most all in very good condition)
Linn Enterprises squeeze chute w/rubber floor, Priefert head gate and palpation cage — Always inside — Very good shape; GWS 1 ton capacity pull type feed bin w/tail lights — Like new; King Ag 150 bu. 4,000 lb. capacity double side creep feeder w/side panels, on wheels — Near new; 4 near new metal B&W 10' feed bunks; 6' ob-long galvanized tank; 6' poly water tank; 3 1/2' and 5 1/2' round water tanks; 4 Bextra hay saver bale feeders — All good; 2 BW round bale feeders — Good; 5 older round bale feeders; Several Behlen 18' and 20' metal gates — Near new; 10 Farmaster 8' to 16' metal gates; other good metal gates; many wire cattle panels, Near new; several steel posts; some new netting wire; 20' and 27'x12" steel pipes.

CONSIGNEE BY NEIGHBORS
1964 Case 730 dsl. tractor WF, Case-O-Matic, Eagle hitch, sells w/ GB-800 loader w/ 5 1/2' bucket — Good; John Deere 3 pt. 6' blade; No. 2500 portable Batco hyd. drive-over belt grain conveyor — Good shape; 8' all steel pickup flatbed w/front rack; (2) 2-ton capacity creep feeders w/fold down panels — Good; WW portable squeeze chute w/automatic head gate — Good; (5) 12"x28 1/2' long I beams; (2) 250 gal. poly protein 4-wheel lick tanks.

Terms: Cash or valid check - Not Responsible for Accidents or Theft. Statements made sale day take precedence over printed material.

SELLER: SUSAN MATZKE

Auction Conducted By: **CLINE REALTY & AUCTION, LLC**
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785-889-4775 or 785-532-8381
Austin Cline, Auctioneer, Frankfort, KS, 785-565-3246
www.mcclivestock.com/clinerealty

AUCTION

MONDAY, JUNE 17, 2019 — 10:00 AM
216 E. Highway 16 — OLSBURG, KANSAS

APPLIANCES, FURNITURE, ANTIQUES, PRIMITIVES, COLLECTIBLES, HOUSEHOLD, STONEWARE, CUB CADET RIDING LAWN TRACTOR, LAWN EQUIPMENT, TOOLS
See last week's Grass & Grain for Complete Listings!

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ESTATE AUCTION

SATURDAY, JUNE 15, 2019 — 9:00 AM
15939 Leavenworth Rd. — BASEHOR, KS. Watch For Signs!!

COLLECTOR TRUCK, TRACTORS, EQUIPMENT.
Very Large Selection of power & hand tools of all sorts!
Firearms 9 AM, OUTDOORS. Large Selection Knives/Daggers.
COLLECTIBLES, HOUSEHOLD & MISC. & JEWELRY

See last week's Grass & Grain for listings & Please visit us online: www.KansasAuctions.net/elston for 100+ pictures
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AUCTION

SUNDAY, JUNE 16, 2019 — 12:00 PM
7520 Falcon Road — RILEY, KANSAS

'90 2WD Silverado Chevy truck; '60s Chevy Step Van; '85 Ford Ranger 4x4; '90s Ford F-150 4x4; '67 Ford Galaxie 500; '66 Ford Mustang; '96 Ford Mustang; '97 Mustang V6; '70 Ford Torino with shaker hood; '07 Chevy Impala; Chevy box truck step van; '65 Mustang hatchback with matching numbers engine; dune buggy; '74 Ford Bronco; '57 Studebaker Silver Hawk; '68 Chevy Camaro rebuilt engine. Farmall H wide front tractor; John Deere H tractor; Woods mower; sickle mower; 3 pt. blade; 3 pt. chisel; 18' dovetail bumper pull trailer with steel floor; 2 Junior dragsters; 3 junior dragster engines, tires and rims; RC-15A rim clamp tire machine; Swisher 60" pull behind mower; 15 Farm King riding mower; log splitter; gas grills; 2 smokers; chest freezer; Coleman lanterns; various signs and signage; 18 hp engine (new); drill press; shop press; floating boat docks; boat trailer; various engines; heaters; Schwinn bike; engine parts, belts, manifold covers; automotive paints; 200 amp welder and helmets; Stihl chainsaws; commercial air compressor; paint equipment and supplies; car stereos and speakers; collectible oil cans; 6 drawer metal cabinets; various exhaust parts; sandblaster; grinder; parts washer; automotive manuals; ladders; new car parts; transmissions; 1960-70 Chevy, Ford and Plymouth engines and car parts; cutting torch and cart; shop supplies and much more.

AUCTIONEER'S NOTE: Jeff owned Jeffs Auto and collected cars and restored old cars. Lots of hard to find items and autos. Come enjoy Father's Day with us!

SELLERS: TRISH & THE LATE JEFF REICHERT
TERMS: Cash or good check. All items to be settled for prior to leaving. Sold as is where is. Not responsible for accidents. Announcements made day of auction take precedence over previous printed materials.

Jeff Ruckert, Owner/Broker/Auctioneer

2049 Fort Riley Land,
Manhattan, KS 66502
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jctt.97@gmail.com
RUCKERT REALTY & AUCTION

www.RuckertAuctions.com & on Facebook

UPCOMING AUCTIONS

SATURDAY, JUNE 15, 2019 — 10:00 AM
Auction held at Saffordville School, 2248 ZZ Rd,
STRONG CITY, KANSAS

Lots of Toys, Signs, Automotive, Advertising items.
Toys, Tin Litho Toys, Tractors, Cast Iron, Misc. Lots of signage, Automotive & Parts, Advertising Items, Antiques, Collectibles, Tools & Misc.
See full sale bill at GriffinRealEstateAuction.com

ANTIQUE AUCTION

SATURDAY, JUNE 22, 2019 — 10:00 AM
Held at the Saffordville Community Center, 2248 Zz Rd,
STRONG CITY, KS (located in Saffordville, KS)

Lots of antiques! Lots of Glassware & Pottery (Depression, Carnival, Jewell Tea, Fiesta, McCoy, Fire King, Jadeite, China, Coors, Pyrex, Weller, Shawnee, Candlewick, American Fostoria, Misc Clear); Paper Advertising; Lots of Old Photos; Crocks & Crock Bowls; Misc Tins; Antique Stereoscopes; Misc Jewelry; Kitchen Utensils; Fountain Pens; Cast Wall Sconces; Vintage Radios; Postcards (leather); Oak Victorian Couch; Mission Style Library Table; Primitive 18-drawer Metal Cupby; Miniature Wood Water Wheel; Globe 3-drawer File Cabinet; Wood Molding Hand Planes; Antique Squeeze Box; Mid Eastern KS Watercolor by Charles H Sanderson; Mission Style Drop Front Secretary; Red Upholstered Lounge Chair; Oak Kitchen Cabinet; Ornate Sofa Table w/Leaf; King & Queen Headboards & Frames; **Much More!**

AUCTION

TUESDAY, JUNE 25, 2019 — 5:30 PM
Held at 449 Spring St. — COTTONWOOD FALLS, KS
Property of Barb Livingston & the late Ted Livingston

Pyrex (Pink & White) Gooseberry Mixing Bowls, Turquoise Snowflake Casserole Dish); Jewell Tea (Pitcher, Mixing Bowls, Bean Pot, Platters, Bowls); Misc Jewelry (18k & 14k Rings, Pearls); Corning Ware; Misc Household & Kitchen Items; Persian Rug; Mission Style Buffet; Queen, Full & Single Beds; Book Shelves; Bose Wave Radio; Ratan Style Egg Chair; Marble Top Coffee & End Table; Wood Chase Co Courthouse by K. Nelson; Wicker Plant Stand; Naomi Croy Landscape; Chest Freezer; Washer Dryer; Glassware (Clear, Crystal, Noritake China); Cast Skillet & Bean Pot; **Much More!**

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Grass & Grain Area Auctions and Sales

June 12 — Fishing equipment, antiques, collectibles, tools & shop items at Cottonwood Falls for RE-SCHEDULE for Rufener. Auctioneers: Griffin Real Estate & Auction Service, LC.

June 13 — 1957 John Deere 620 Classic gas tractor, Town & Country 7-seat van with scooter lift, 1989 Oldsmobile 88 Royale, riding lawn mowers, 2-wheel trailer, garden tractor, 3-wheel electric scooter, household goods, antiques, doll houses & toys & misc. at Beatrice for The Late (JR) Thimm & Sara Thimm. Auctioneers: Henrichs, Jurgens, Hardin, Sommerhalder.

June 13 — Commercial building (former clinic & offices); some personal property inc. x-ray machine & developer, exam tables, computer desk, office chairs, wheelchair & other misc. held at Peabody for Dr. Randolph Whitely. Auctioneers: Leppke Realty & Auction.

June 15 — Appliances & furniture, electric lift chair, books, paint brushes & supplies, kitchenwares, collectibles & antiques, glassware & more held near Herington at Delavan for Reed & Marge Garrett Estate. Auctioneers: Bob's Auction Service, Bob Kichkhaefer.

June 15 — Coins, gun reloading supplies, appliances, furniture, tools, misc. & more held at Junction City for Dale Burreis & others. Auctioneers: Brown Real Estate & Auction Service, LLC.

June 15 — Furniture, antiques, collectibles, machinery & shop items held at Sedgwick for Taylor Trust. Auctioneers: Van Schmidt Auctions.

June 15 — 2013 Taurus Ltd vehicle, antiques, collectibles, antique spinning wheel,

toys, glassware, collectible dolls, furniture, JD lawn tractor, lawn & garden, 8' yard windmill, household & more at Burlington for Susan Shoemaker Estate. Auctioneers: Kurtz Auction & Realty Service.

June 15 — Antiques & collectibles including Goodrich Tires porcelain signs & other signs, advertising items, automotive parts & misc., Craftsman rolling tool box & misc. tools & much more at Strong City. Auctioneers: Griffin Real Estate & Auction Service, LC.

June 15 — JD 50 tractor, 1958 Chevy 6400 farm truck, stock trailer, roto tiller, 2001 Dodge 15 pass van, guns, walk-in cooler, hand, shop & construction tools, antiques & household at Greenleaf for Mrs. Glenn (Wanda) Weiche. Auctioneers: Gannon Real Estate & Auctions.

June 15 — Tractors, machinery, antiques, household, livestock items, mower, tools & misc. to be held near Havensville for Jimmy & Paulette Armstrong Estates. Auctioneers: Cline Realty & Auction, LLC.

June 15 — Farm implements, trucks, trailers, tractors & hay equipment, tools & misc. & more at Manhattan for Wayne Cravens. Auctioneers: Foundation Realty, Morgan Riat.

June 15 — Large auction with guns, great tools, mowers, trailers, camper trailer, household at Burlingame for Dick & Dorothy Kohout. Auctioneers: Wischropp Auctions.

June 15 — Collector cars including 1968 Chrysler Imperial Crown, 1966 Chevy Corvaer Monza, 1955 Chrysler New Yorker, 1961 Volkswagen Beetle, 1936 Ford, 1924 Ford Model T & more, trucks,

tractors including 1938 McCormick Deering, engines & collectibles, motorcycles, lawn equipment & tools held at Russell for Russell T. Townsley Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

June 15 — Collector truck, vehicles, tractor, nursery items, tools, hunting, fishing, household & much more at Basehor for Eva Bates Trust. Auctioneers: Elston Auctions.

June 16 — Collector vehicles including 1966 Mustang, 1960s Chevy step van, 1970 Ford Torino, 1968 Camaro, 1990s Silverado & more, tractors, junior dragsters, mower, log splitter, collectibles & much more at Riley for Trish & the late Jeff Reichert. Auctioneers: Ruckert Realty & Auction.

June 17 — Appliances, furniture, antiques, primitives, collectibles, household, stoneware, Cub Cadet riding lawn tractor, lawn equipment, tools at Olsburg for Gregg & Alice Gibson. Auctioneers: Gannon Real Estate & Auctions.

June 18 — Absolute auction of 320 acres m/l cropland & grass at Rooks County, Kansas held at Palco for Leland & Lesley Schonhaler. Auctioneers: Farm & Ranch Realty, Inc.

June 20 — Gas engines, auto parts & decals, repair books, oil & gas cans, metal signs, beer advertising, lots of furniture items & more held at Hutchinson for the Altum Family. Auctioneers: Morris Yoder Auctions.

June 22 — Tractor, machinery, boats & canoes, 4-wheelers, welders, shop items, gun parts, antiques, misc. farm items at Westphalia for Mrs. Alex Smith. Auctioneers: Kurtz Auction & Realty

Service. June 22 — Antiques, glassware, pottery, paper advertising, old photos, crocks, kitchenwares, furniture, tools & more at Strong City. Auctioneers: Griffin Real Estate & Auction Service, LC.

June 22 — Tractors, vintage bulk delivery truck, vintage car, household, guns, car, pickup, 3 tractors, tools, gas pumps, etc. held South of Holton. Auctioneers: Wischropp Auctions.

June 22 — 276 acres m/l of Native, Fescue & Brome pasture with wildlife & recreational areas held at Soldier for Lynn Rieschick Trust. Auctioneers: Cline Realty & Auction, LLC.

June 22 — Farm machinery, livestock equipment, trucks, tools & more at Greenleaf for John R. Walter Estate. Auctioneers: Bott Realty & Auction.

June 22 — Collector vehicles, truck, motorcycle, fishing boat, woodworking & shop equipment, collectibles, misc. & some consignments by neighbor inc. MF 1433V 4x4 tractor with front loader, rotary mower, 2015 Honda Four Trax Rancher ATV & more to be held at rural Baldwin for Chris Ogle. Auctioneers: Elston Auctions.

June 22 — 157.4 acres Elk County prime recreational land held at Howard. Auctioneers: Reece Nichols South Central Kansas, Rupp/Steven.

June 23 — Tractor, trencher, pickups, mowers, tools, bale chopper, household, boring machine, ship equipment, lawn & garden equipment held at Manhattan. Auctioneers: Ed Dewey, Jeff Ruckert, Wischropp Auctions.

June 23 — Semi tractor, motorhome & trailer, antique furniture & collectibles, tools & misc. at Council Grove for a private seller. Auctioneers: Hallgren Real Estate & Auctions, LLC.

June 25 — Glassware including Pyrex, Jewel Tea & more, jewelry, household &

kitchen items, antique furniture & much more at Cottonwood Falls for property of Barb Livingston & the late Ted Livingston. Auctioneers: Griffin Real Estate & Auction Service, LC.

June 27 — Commercial real estate & personal property held at Strong City for formerly known as Strong City Grocery. Auctioneers: Griffin Real Estate & Auction Service, LC.

June 27 & 29 — Selling 6-27: tools. Selling 6-29: Antiques, collectibles, household & more both days held at Salina for Glen & Elaine Headley. Auctioneers: Thummel Real Estate & Auction.

June 29 — Tractors, trailers, livestock equipment & consignments from neighbors for Susan Matzke. Auctioneers: Cline Realty & Auction, LLC.

June 29 — 2000 Ford Ranger pickup 4WD, household, antiques, collectibles, yard & shop items, guns, auctioneers equipment, hot tub & much more at Abilene for Doris Shivers & the late Ron Shivers Estate. Auctioneers: Friends & Associates of the former Ron Shivers Realty & Auction Co.

June 30 — Real Estate (4 BR, 2 BA home) & personal property held at Wamego for Loretta Burry. Auctioneers: Crossroads Real Estate & Auction, LLC.

July 6 — Real Estate sold in 2 tracts; T1: 1 1/2 story house, large garage; T2: approx. 1.16 acres; also selling cars, trucks, equipment, tools, car parts, antiques & household held on the South edge of Burr Oak for Richard R. Frasier Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

July 11 — Tools, B&D electric mower, lawn sprayer, live traps & much more at Clay Center for Rollin & Ilene Newell. Auctioneers: Thummel Real Estate & Auction, LLC.

July 13 — Huge toy train collection, guns, ammo, collectibles, household & misc. at Abilene for the Estate of Rodger Jacquet. Auctioneers: Kretz Auction Service.

July 13 — NE Kansas Absolute Real Estate & personal property (Livestock starting & growing facility) sold in 4 tracts held at Valley Falls for Kelly & Kim Kirkham. Auctioneers: Harris Real Estate & Auctions, LLC.

July 13 & 14 — Estate Auction #1 & #2 held at Lawrence for Waneta Turner Estate. Auctioneers: Elston Auctions.

July 20 — Estate auction held at Lawrence for Ellen LeCompte Estate (The Trust Co executor). Auctioneers: Elston Auctions.

July 27 — Firearms, coins, farm toys held at Lawrence for Melvin Krumm Estate, Northwood, Iowa. Auctioneers: Elston Auctions.

July 27 — Tractors, machinery, shop & lawn items held at St. Marys for Felix Hesse Estate. Auctioneers: Gannon Real Estate & Auctions.

August 10 — Farm machinery, livestock equipment & misc. held Southwest of Abilene for Mark & Patricia Berns. Auctioneers: Kretz Auction Service.

August 13 — 640 acres of Cheyenne County, KS cropland & CRP selling in 4 tracts. Auctioneers: Farm & Ranch Realty, Inc.

August 26 — Farm machinery & misc. held South of Abilene for Gene & Cindy Hoffman. Auctioneers: Kretz Auction Service.

September 7 — Estate auction #3 at Baldwin City for Waneta Turner Estate. Auctioneers: Elston Auctions.

September 14 — Estate auction held at Lawrence for Ken Wehmeyer Living Estate. Auctioneers: Elston Auctions.

Ugly corn better than no corn this year

Ugly corn is better than no corn this year, says University of Missouri Extension corn and small grains specialist Greg Luce.

"There are some good corn stands this year, but there are a lot of ugly ducklings also," says Luce. Those ugly duckling stands have struggled in the aftermath of historic May rains.

Corn often looks ragged in early growth stages, he says, but this year more fields appear exceptionally ragged.

Extended wet conditions and cold periods left corn uneven, pale, yellow and even purple. But there is hope yet for those ugly ducklings to turn to swans. "Don't despair," Luce says. "The corn will be improving soon."

Warmer weather in June will boost corn's appearance. As corn reaches the V5 stage and beyond, the root system grows rapidly. Strong roots support healthy growth above ground.

Know the growth stage of your corn

Count leaves that have emerged fully from the whorl. You should see a collar. As a rule, two or more leaves are visible beyond the collars. The growing point remains below the ground until the plant reaches V6 stage.

Knowing the growth stage helps farmers when it comes to chemical application. Apply post-emergent herbicides according to label instructions, Luce says.

Cool nights followed by sunny days make purple corn

Some cornfields are showing their royal colors. Corn can become purple-tinted when temperatures drop at nighttime and sunny days follow. This causes early season stress and restricted root growth. When growth slows, sugars produced by photosynthesis accumulate in leaves. This triggers anthocyanin pigment colorization and results in purple corn.

Corn usually outgrows the "purpling" condition by V6 stage (12 inches). Luce notes that some hybrids become more purple than others.

Phosphorus deficiency, root injury from insects, fertilizer burn, compaction and herbicides also can cause purple corn. Purpling usually appears in an application pattern or certain soil types.

Purple corn uniformly across the field usually results from the anthocyanin and varies by genetics.

Do nitrogen problems cause pale yellow corn?

Absolutely! Soils lose nitrogen during warm, wet periods. The cooler weather earlier slowed corn root development. Corn yellows as a result. The pale yellow appearance also shows when the root zone lacks oxygen. This can happen even when the soil contains enough nitrogen.

How do I know if I have enough nitrogen?

As soil dries, oxygen returns and growth rates pick up. Plants green up if there is enough nitrogen. However, too much rain and warm soil create the right conditions for

denitrification. This happens most often on poorly drained soils. "This type of loss only affects nitrate, but all nitrogen fertilizer eventually converts to nitrate in soil," Luce says. "As we get later in the season, most of the nitrogen has been converted to nitrate."

If there is a silver lining this year, it's that farmers were unable to apply nitrogen at the usual time due to wet fields, so the nitrogen not applied has not been lost. Where nitrogen was applied, Luce says, it is important to remember that anhydrous converts to nitrate more slowly than other fertilizers. In neighboring fields applied with anhydrous or urea at the same date in mid-April, the fields fertilized with urea lose more nitrogen.

"The good news is that corn can recover from a lack of early season nitrogen more than we once thought," he says. Many tests are slow and difficult to do well, or they may not reveal patchy nitrogen-deficient areas that are common.

MU Extension nutrient management specialist Peter Scharf says a "bird's-eye view" remains the best way to assess nitrogen need. Satellite images show yellow corn and affected areas. You can sign up for a free account on planet.com to see field images. The website updates images regularly, as often as three to five times per week.

"If 5% of a field is yellow-green, it's not worth fixing," Scharf says. "But if

50% of the plants are yellow-green, it pays to apply more nitrogen."

The images show growers where to invest their nitrogen dollars, he says.

The root of the matter may well be in the roots

Take a shovel to the field with you, Luce says, so you can dig up plants to look at roots. Digging roots can often show the reason for many aboveground abnormalities.

For more information, see the MU Integrated Crop & Pest Management article "Ugly corn is a whole lot better than no corn in 2019!" at ipm.missouri.edu/IPCM/2019/5/uglyCorn.

PERSONAL PROPERTY AUCTION

SATURDAY, JUNE 15, 2019 — 10:00 AM

AT 2323 N JACKSON STREET — JUNCTION CITY, KANSAS

COINS sell at 10 AM: Late 1880-1900s Morgan Dollars; mid-1800s Large Cents; early 1900s Mercury Dimes; Franklin Half Dollars; Kennedy Half Dollars; late 1800-1900s Indian-head Pennies; Canadian & Mexican Coins. **CONTACT THE OFFICE FOR A FULL COIN LIST**

GUN RELOADING SUPPLIES will sell after coins: NEW! Numerous containers of the following: Powder; Bullets; Primers; Some Dies; Wads; Some Brass. **APPLIANCES & MORE:** Kenmore elec. stove; Frigidaire refrig.; elec. ice cream freezers; Lincoln comm. pop-corn machine; port. Red Gas Grill; lg. stainless steel stock pot; Xmas decor; Sunbeam stand mixer; Health-O-Meter scale; Maytag washer & dryer. **FURNITURE:** Oak dining table w/4 chairs; 3 pc. queen BR set; stereo equip.; Lane recliner; child's high chair & metal desk w/2 wood chairs; kitchen sit/step stool. **TOOLS & MISC.:** Poulan Pro Lawn tractor w/bagger 42" 18.5hp; Craftsman Lawn Tractor DYS4500 42", Briggs 24hp; Craftsman straight shaft trimmers; Craftsman 3-in-1 belt sander on stand; McCall's cabinet; Craftsman table saw, circular saw, jigsaw; elec. & cordless tools; Polaris telescope; Craftsman tool box; Lincoln 230 amp stick welder; Coleman 110 air comp; Homelite chainsaw; JD snow blade; Weber gas grill; **Many Tools!**

DALE BURRIS & OTHERS Lunch by White City Christian Church

Terms: Cash, Check or Credit Card. Subject to 5% Buyers Premium

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FARM RETIREMENT AUCTION

SATURDAY, JUNE 15, 2019 — 10:00 AM

Location of Sale: 10923 Hwy. 13 — MANHATTAN, KS 66502

TRACTORS & HAY EQUIPMENT • FARM IMPLEMENTS
• TRUCKS & TRAILERS • TOOLS & MISC.

See last week's Grass & Grain for complete information & please visit our website!

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AUCTION

SATURDAY, JUNE 15, 2019 — 10:00 AM

2385 10TH ROAD — GREENLEAF, KANSAS (3 miles West of Barnes, KS on 148-9)

John Deere '50' tractor; 1958 Chevy 6400 farm truck with hoist; 16' bumper hitch stock trailer; 5' roto-tiller; 2001 Dodge Van (15 passenger); Huskee 42" riding mower; MTD mower w/sprayer; 5 roto tiller (Craftsman, Cub Cadet, MTD).

GUNS (Sell first at 10:00 AM)
270 Winchester; 22 Winchester; Remington 12 gauge; Winchester 410 single shot; 22 pistol with holster (Brazil); variety of ammo; binoculars; loading equipment; sports items; gun case.

Walk-in cooler with compressor.

Large and small air compressors; air guns & nail guns; table saw; walk boards; hand, shop & construction tools of all types; ladders; saws; garden tools; 2 weed eaters; chain saws; hose; many more (several hay racks full); hog panels; framed cattle panels; hog and livestock items.

Antique curved leaded glass secretary bookcase with hood; Oak Mission style buffet; 3 desks; 3 chest-of-drawers; dresser; Queen bed frame; bookshelf; vanity; file cabinet; coffee table; living room chair; lots of Avon bottles; household items.

This is a very partial list!

MRS. GLENN (WANDA) WEICHE
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AUCTION

SATURDAY, JUNE 15, 2019 — 10:00 AM

Auction will be held at the airport in RUSSELL, KANSAS located at 4238 Old Hwy 40. (Exit interstate 70 at Pioneer exit).

CARS, TRUCKS & TRACTORS SELLS AT 12:00 NOON

1968 Chrysler Imperial Crown 4 door hard top, V8, automatic, electric windows, under dash air, blue w/white top, 83,074 miles, 1 owner; 1966 Chevrolet Corvaer Maonza convertible 4 on floor, 6 cy, 78,190 miles, red w/black top; 1955 Chrysler New Yorker Deluxe, 4 door, V8 Hemi engine, automatic on dash, 52,805 miles, gold w/white top, turquoise interior; 1961 Volkswagen Beetle 4 cy., sun roof, 50,293 miles 1 owner, black w/red interior; 1936 Ford open cab fire engine, V8, Russell fire dept engine; 1924 Ford Model T touring car restored; 1927 Ford Model T couple w/Ruxton transmission, restored; 1941 GMC 1/2 ton pickup is being restored needs finished; 1941 GMC 3/4 ton pickup; 1939 Cadillac 4 door suicide doors, auto, good condition, restored, needs reassembled; 1938 McCormick

Deering tractor; steel lug rear wheels; steel front wheels; 1939 Cat 22 crawler; 1936 Allis M crawler; 2 wheel car dolly; IHC P & O 4 bottom plow; GM V8 engine; Hercules 2 cy engine; Cadillac engine; Ford Model T engine; large assortment of car parts, many Model T, car lights, siren, spot lights.; car tags; hub caps; assortment Ford Model T magazines.

ENGINES & COLLECTIBLES

John Deere 3 hp. Type E engine; John Deere 1 1/2 hp engine; Maytag wringer washer w/gas engine; 12 Maytag single & double cylinder engines; 3 Maytag wringer washers; Shelby boys bike; Greyhound bus sign; flat top & camel back trunks; lockers; Remington typewriters inc: model 7; cameras inc: autograph; photo enlarger; barber stove; 10 fire extinguishers; 10 gal FPS crock; 7 cast iron seats; floor safe; Streeter & Co. slicer; Hammond Multi Plexer;

Oscilloscope; platform scale; 33 records; sign print material; assortment of other collectibles.

MOTOR CYCLES, LAWN EQUIPMENT & TOOLS

1981 Honda Express 1480 miles; 1959 Wards Riverside Benellia 3171 miles; JD lawn mowers inc: 145E; lawn trailer; pull type 15 gal yard sprayer; Craftsman edger; Wards tiller; Lawn Master snow blower; Lawn Master chipper shredder; log splitter w/gas engine on wheels; A frame w/chain hoist; Twentieth Century 295 welder; twin cylinder air compressor; Comet air compressor; electric hack saw; floor jack; bench grinder; chop saw; value machine; acc torch; 50 lb. anvil; tool boxes; 6" bench vise; 3/8" drill press; assortment of hand tools; 36" pipe wrench; pullers; sockets; wrenches; air bubble; Peck Stow Wilcox metal cutter; Warner 100 tester; assortment of other tools.

NOTE: Mr. Townsley collected for many years. The cars are in good condition, they have all been inside, we will sell cars at 12:00 noon. Check our website for pictures www.thummelauction.com

RUSSELL T. TOWNSLEY ESTATE
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC
785-738-0067

BAXTER BLACK

ON THE EDGE OF COMMON SENSE

A Cowboy Parade

You gotta hand it to cowboys. They can turn a birthday cake into a four-alarm fire!

Many years ago the Napa Valley (California) County Fair and Rodeo wanted to do something to attract attention to their big PRCA rodeo. Now I'm not sure how the conversation went at the Fair Board meeting, but maybe something like this...

"Why not have a cattle drive down Main Street? Call it the Texas Longhorn Cattle Stampede."

Detractors, stick-in-the-muds, spoil sports and accountants would have reacted with reasonable objections;

"Are you crazy! What if

they got loose! You ought to be committed! What if somebody gets hurt! And where on God's green earth could you get anybody who'd let you borrow thirty-three head of full grown longhorn steers to turn loose on Main Street!"

Into the spotlight stepped COTTON'S RENT-A-COW & BAIL BONDS. They assured the city officials that they had steers that were 'street-wise and couldn't be spooked and were absolutely controllable! (you can almost hear a cowboy sayin' that, can't you...!)

Well, friends, Texas Longhorn Cattle Stampede made the front page. Quotes from onlookers and police included; "I almost got gored!"

"Not under complete control!"

"Surreal!"

"Unbelievable!"

"We ain't doin' this again!"

"People could have been injured!"

"Cattle riot!"

"Why don't they just load 'em on the truck before some-

one gets hurt?"

According to the Napa County Sheriff's Posse and local cowboys, it did get a little western. Cattle bolting every which way, clattering against the front door of the Redwood Bank, running through the parking lot, scattering protesters, grazing on City Hall lawn, side mirrors snapping off parked cars and lots of screaming. To put the problem in a nutshell, you could say the steers followed the parade route just a little wider and a littler faster than everyone expected.

The Texas Longhorn Cattle Stampede did what the Fair Board wanted. It drummed up attention for the big rodeo that night. Lots of TV coverage, front page in the paper and a story that the citizens of Napa told for years.

That's good. Although the Fair Board might have been a little embarrassed, it's the kind of news story that lives on. And to top it off, it's a cowboy story.

The Stampede did not become an annual event in Napa, but as one onlooker who'd seen the running of the bulls in Pamplona remarked, "Some people go all the way to Spain to see this sort of thing."

www.baxterblack.com



Is there anything cuter than kids enjoying the country life? Send us photos of your country kids doing what they love for our Grass & Grain Young'uns Feature! Email photos and a brief description to gandgeditor@agpress.com. They will be printed as space allows.

The fresher the better

1-year-old Remington Mall of rural Clay County loves strawberries and couldn't even wait for them to be picked when she visited her grandmother's strawberry patch. Strawberry kisses, anyone?



Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED
1,560 CATTLE & 86 HOGS.

STEERS		COWS	
300-400	\$165.00 - 180.00	1 blk	Canton 1250@76.00
400-500	\$150.00 - 171.00	1 blk	Hillsboro 1400@74.00
500-600	\$140.00 - 153.00	1 blk	Minneapolis 1785@74.00
600-700	\$129.00 - 143.00	1 blk	Tescott 1415@74.00
700-800	\$122.00 - 138.00	3 mix	Solomon 1413@74.00
800-900	\$112.00 - 126.25	1 blk	Hillsboro 1840@73.50
900-1,000	\$110.00 - 124.75	1 blk	Lehigh 1690@73.50
		1 blk	Chapman 1560@73.00
		1 blk	Minneapolis 1515@73.00
HEIFERS		1 red	Hillsboro 1880@73.00
400-500	\$138.00 - 157.00	1 blk	Osborne 1670@73.00
500-600	\$124.00 - 139.00	1 bwf	Solomon 1185@73.00
600-700	\$113.00 - 127.50	2 blk	Hillsboro 1563@73.00
700-800	\$110.00 - 124.00	1 red	Hillsboro 1660@72.50
		2 blk	Lehigh 1430@72.50
		4 blk	Abilene 1330@72.25
		5 mix	Hope 1589@72.00
		2 blk	Chapman 1778@72.00
		5 mix	Hope 1538@71.25
		1 blk	Lorraine 1475@70.00
MONDAY, JUNE 3 CATTLE & HOG SALE:		STEERS	
HOGS		1 blk	Durham 330@180.00
4 fats	Tescott 295@54.00	5 blk	Ellsworth 399@180.00
8 fats	Clay Center 286@53.25	10 blk	Ellsworth 426@171.00
14 fats	Tescott 289@52.00	4 blk	Ellsworth 470@170.50
1 sow	Ellis 605@46.75	4 blk	Yates Center 538@153.00
7 sows	Leonardville 511@46.00	4 char	McPherson 546@152.00
1 sow	Ellis 570@45.25	7 char	Claffin 581@144.50
BABY CALVES		10 red	Lindsborg 642@143.00
1 blk	Hardy, NE 200@400.00	2 blk	Buhler 628@142.00
1 red	Halstead 180@350.00	8 blk	Yates Center 764@138.00
1 wf	Salina 185@285.00	67 mix	Abilene 796@133.25
1 blk	Abilene 95@275.00	61 mix	Abilene 880@126.25
1 blk	Solomon 95@235.00	59 mix	Abilene 891@126.00
BULLS		63 mix	Enterprise 863@126.00
1 blk	Assaria 1895@92.00	53 mix	Durham 932@124.75
1 blk	Longford 2080@90.00	60 mix	Carlton 921@121.00
1 blk	Salina 1805@90.00	HEIFERS	
1 blk	Ellsworth 1885@89.00	10 blk	Ellsworth 405@157.00
1 blk	Windom 1685@89.00	8 blk	Ellsworth 450@150.00
1 blk	Ellsworth 1675@88.00	5 blk	Lyons 594@139.00
1 red	Tampa 2075@88.00	10 blk	Yates Center 575@132.00
1 red	Tampa 1860@87.00	3 mix	Hillsboro 632@127.50
1 red	Salina 1780@87.00	6 blk	Yates Center 701@124.00
1 blk	Lincoln 2170@86.50		
1 wf	Holyrood 2135@86.00		
1 blk	Geneseo 1955@86.00		
1 red	Salina 1760@86.00		

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE
Hogs sell at 10:30 a.m. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

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

AUCTIONEERS: KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

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



Monday Sales ONLY through the Month of June!



IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 6'8" x 24' GOOSENECK STOCK TRAILER METAL TOP
- 6'8" X 24' GOOSENECK STOCK TRAILER

For information or estimates, contact:

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

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

Jim Crowther 785-254-7385 Roxbury, KS
Lisa Long 620-553-2351 Ellsworth, KS
Cody Schafer 620-381-1050 Durham, KS
Kenny Briscoe 785-658-7386 Lincoln, KS
Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS
Austin Rathbun 785-531-0042 Ellsworth, KS

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.

