



Colyer addresses trade issues at Hutchinson forum

By Donna Sullivan,
Editor

As Gov. Jeff Colyer and Lt. Gov. Tracy Mann traversed the state on their 105-county tour ahead of the primary election, they made a stop in Hutchinson for an event sponsored and organized by Mike Bergmeier of Shield Ag Equipment. Bergmeier, whose company designs, manufactures and distributes blades for tillage equipment, wanted to hear what the governor had to say about the tariff situation brought on by President Trump's actions on trade. The specialty steel used in Shield's blades is only manufactured in Manitoba, Canada and was hit with a 25-percent tariff in June. There is an exclusions process businesses can go through, and Bergmeier did apply. But more than 18,000 applications have already been received, so the process could be a long one.

The Hutchinson forum was intended to have more of an agriculture focus, and producers were canvassed for the questions that were posed to Colyer. Following the governor's opening remarks, which included his belief that agriculture is a key component in growing the state's economy, the



Gov. Jeff Colyer discussed trade issues, tariffs and state growth at a forum in at Queen B Marketing in Hutchinson.

Photo by Donna Sullivan

compiled questions were asked by Sen. Ed Berger. The first was Colyer's opinion of the direct payments that are part of the relief package put forth by the president and Ag Secretary Sonny Perdue, and if they would have a market-distorting effect.

"Subsidies can distort the market," he acknowledged. "But markets can also be distorted and that's one of the things we're seeing right now with the trade issues, the Chinese

coming in and manipulating prices overall." Colyer said he is supportive of the president's relief plan as a way to get through a short-term problem. "Where you have problems with distortion is when you have a long-term program," he explained. "I learned that when I was growing up. You were producing for the farm program rather than producing for the market." He pointed out that last year when cropping plans were being put together,

they were based on what the market and trade situation looked like at the time. "Instead, a lot of things intervened," he said. "This helps us get through and I think that's important because the president needs to negotiate these deals and get them done quickly."

With the tariffs raising the cost of raw materials and semi-finished goods, Berger pointed out that farmers are worried about machinery, repairs and input costs and asked how

farm state governors can put pressure on Washington to get the trade deals done. Colyer responded that while much of it is a federal issue, there are things that can be done at the state level and that he and Mann had been in many conversations with the White House, U.S. Trade Representative's office, growers organizations and even the Chinese consulate general. "The issue is, Kansas is a reliable supplier," Colyer said. "We have the best value of product and we can out-compete anybody when we have a level playing field." He said he had also recently talked to the Premier of Ontario to work towards an agreement. "To me, it's about that we want stable markets with no tariffs and no barriers. We would thrive in that and I think the rest of the world would, too." He added that working to expand other markets would also be a focus, saying in the last several months his office has met with more than a dozen different consul generals representing 1.2 billion people from countries like Israel, Japan, Indonesia and the Philippines. "They're interested in our soybeans and our manufactured products," he said. "They're interest-

ed in trading with us. We want to make sure we have an expanding field."

Berger then asked how Colyer sees the role of the state in encouraging diversification in the ag economy and how the state's competitive advantages can be enhanced. Colyer believes the key is in value-added products. "It's that added value that could move us no matter what the commodity prices do," he said. He believes improving the overall business climate in the state, through lower taxes and a reasonable regulatory process, will stimulate growth. He said the entire Commerce Department is currently in the process of being reworked to facilitate a more ready, responsive work force. He also sees industrial hemp as a great opportunity for the state, and pointed to the bill passed this year that begins the process. The regulations were quickly released for comment to get things started.

"We want to be responsive," Colyer said. "But in the end it's about how each county needs to grow. We'll work on the overall regulatory burden, but we want to work with you on your specific strengths to see how we can best grow here."

Soybean farmers return to D.C. to drive home their message: We need long-term solutions to the trade war

Returning to Washington just weeks after their July Board of Directors meeting, grower leaders from the American Soybean Association (ASA) met again with officials at the U.S. Department of Agriculture (USDA) and Members of Congress to consider options for offsetting the long-term damage from China's retaliatory tariff on American soybeans.

John Heisdorffer, a soy grower from Keota, Iowa, and president of ASA, said, "We know that President Trump is aware of how hard this is hitting agriculture and specifically soybeans. The recent announcement that the European Union has agreed to buy more U.S. soybeans is a welcome step. Given the scale of potential damage from the tariff, we need more market-opening measures if we are going to survive the long-term repercussions on soybean exports."

"We are asking, first, that Congress pass a new long-term farm bill that increases funding for export promotion under MAP and FMD. The Trade Promotion Program announced by USDA last month will supplement these much-needed efforts, and we hope to see this funding extended over a multi-year period so that activities can be coordinated with the Congressionally mandated programs."

In addition to asking Congress to pass the Farm Bill, ASA grower leaders urged the House Ways and Means Committee and Senate Finance Committee to support negotiation of new free trade agreements. ASA is asking that NAFTA be in place by the end of 2018, and that bilateral FTAs be initiated with Japan and other countries that offer increased markets for soy and livestock products.

ASA also asked lawmakers to support funding to upgrade inland waterways infrastructure in order to maintain the U.S. competitive advantage.

"We need these tools," said Heisdorffer. "The certainty and stability of our industry depends on, number one, getting these tariffs removed as quickly as possible and, number two, taking steps now to offset the damage done by this trade war by negotiating trade agreements and funding programs essential to opening new markets for our farm products."

China imported 31% of U.S. production in 2017, equal to 60% of total U.S. exports and nearly one in every three rows of harvested beans, which makes expanding existing and finding new markets crucial for the U.S. soybean industry.

'Moo've over, yogurt; Kansas State University students win first place in Dairy Council's New Product Competition for 'quark' drink

A new creamy protein-rich dairy drink has Kansas State University success written all over it.

Three Kansas State University food science graduate students — Yuda Ou, China, and Priyamvada Thorakkattu and Karthik Sajith Babu, both from India — were awarded first place and \$8,000 in the National Dairy Council's annual New Product Competition for Quick-Quark, a new drinkable dairy snack based on the German-style quark cheese.

"Quick-Quark's tex-



Three Kansas State University graduates students — Karthik Sajith Babu, Priyamvada Thorakkattu and Yuda Ou — won first place in the National Dairy Council's annual New Product Competition with their product, Quick-Quark.

ture is very smooth and creamy," Ou said. "It has a rich mouthfeel comparable to a full-fat yogurt. Our product has 14 grams of protein in a 150-gram serving, which is almost double the amount of popular Greek yogurt drinks and more than double the number of popular yogurts targeted toward children."

The students — working in the university's Food Science Institute — mixed whole milk, cream, milk protein concentrate and sweetened condensed milk, then fermented the ingredients with live cultures to produce a mildly tart quark base with 30 percent daily value of cal-

cium and 10 percent daily value of vitamin D.

"The students worked effectively as a team, putting in many long hours to develop a unique product and went the extra mile by perfecting two flavors of Quick-Quark for the judges to critique," said Kelly Getty, associate professor of animal sciences and industry and team co-adviser.

In a resealable pouch with a 30-day shelf life, Quick-Quark combines natural dairy ingredients with live cultures, which help aid digestion. Using real fruit, the students developed two different flavors: pina colada and acai

blueberry, which has a distinct Kansas State University purple.

"Both flavors performed very well," Ou said. "We asked 50 consumers in the age range of 17-55 to taste both products and rate on a 9-point scale with 1 meaning they disliked it extremely and 9 meaning they liked it extremely. Acai blueberry received an average of 7.5 and pina colada received 7.3 for liking the overall product."

According to the National Dairy Council, snack foods are more common now than in the past and have replaced meals in some people's diets, which

is why the 2018 competition challenged students to develop tasty, nourishing and filling on-the-go snacks. Ou, Thorakkattu and Sajith Babu developed their core concept for Quick-Quark with those criteria in mind but also wanted a product that was easy to market.

"The students wanted to develop a product that was not too familiar to consumers but has an appeal that will give it more visibility," said Jayendra Amamcharla, associate professor of animal sciences and industry and team co-adviser. "I think Quick-Quark will be the next Greek yogurt. In 2007, Greek yogurt wasn't popular in the United States, but now it's approximately 40 percent

of the total yogurt sales."

The product isn't available in stores yet but the students are looking for the right opportunity to start marketing Quick-Quark. Randy Phebus, Food Science Institute interim director, said the first-place win will help give the students many opportunities.

"This win continues a strong tradition of success that our K-State product development teams have experienced in national and international competitions over the last several years, and we are very proud of this year's team win," Phebus said. "These experiences and successes open many career doors for our food science students across the global food industry."



Quick-Quark, a new drinkable dairy snack developed by Kansas State University students, is the National Dairy Council's top newly developed product in its annual competition.

INSIGHT

KANSAS FARM BUREAU
The Voice of Agriculture

The Old Red Barn (Ain't What She Used To Be)

By John Schlageck, Kansas Farm Bureau

When I was a youngster, one of my favorite places to play was my Uncle Joe and Aunt Anna's red barn. My Uncle Bernie's farm sported a barn as well. Both were must-stops when we visited our cousins.

The cluttered sanctuary of these wooden structures served up a smorgasbord of playing opportunities.

Both barns offered a relaxing place, especially if it was raining or snowing outside and the weather was too bad to work.

Following World War II, farm mechanization signaled the end for many barns. Some were torn down. Others were abandoned or replaced with Quonset huts made of plywood and galvanized steel.

We didn't own a barn on our farm/ranch in Sher-

idan County. Instead, my dad built a machine shed and another larger building we called, "The Big Shed."

This wooden structure, complete with a tin roof and sides, measured 90 feet long. The Big Shed housed our tractors, grain drills, trucks and other farm equipment. When blessed with a bumper wheat crop, we cleared out all the machinery and filled the shed with golden grain.

But back to Uncle Joe and Aunt Anna's barn. This old, faded-out, red structure wasn't built from lumber sawn from timber on the farm. Heck, on the High Plains where I grew up, farms and ranches didn't grow trees until folks drove down to the creeks, dug up cottonwood saplings, carried them back home and planted them.

Why were so many barns painted red?

Probably because of the available ferric oxide used to make red paint. Readily available and inexpensive, red became the choice of colors for barns.

These outbuildings, dotting the prairie countryside, rarely showcased cleanliness or order. In Uncle Joe's barn, dusty horse blankets and cobweb-covered horse collars hung from wooden pegs or rusty nails.

Hay tongs also competed for space. Here and there a busted plow stock leaned against a wooden wall. Some barn corners were crowded with pitchforks and an occasional come-along. Tangled, bro-

ken baling twine littered the damp dirt floor mingling with the smells of rusting iron, manure and mildewed leather.

As youngsters, we hid in the hay mow (rhymes with cow) or hayloft when our parents searched for us. While wooden steps or a ladder existed to crawl up to this upper floor, we'd try to find new routes to the top. We'd risk life and limb crawling up the side of the barn grabbing onto anything that would hold our body just to wind up in the loft.

Once inside this cavernous space, we'd marvel at the wooden pattern of the rafters and shadows high over our heads. We'd yell out at the pigeons or starlings who tried to invade our private world of kid adventures.

If there were bales or scattered hay outside one of the two large doors at either end of the hayloft, we'd often make the 15-20-foot plunge into the soft landing.

Hay was hoisted up and into the barn through these doors by a system containing pulleys and a trolley that ran along a track attached to the top ridge of the barn. Trap doors in the floor allowed animal feed to be dropped into the mangers for the animals. As pre-teen youngsters, these doors also made a perfect getaway during hide and seek as we jumped through and made our escape.

I loved to explore the tack room with all the bridles and saddles. Before I could ride a horse, I'd struggle to take one of the saddles off the wall so I could place it on a sawhorse and pretend to ride like my (cowboy) hero, Roy Rogers.

And finally, who could forget the many idioms we heard about barns as children? You remember, "You couldn't hit the broad side of a barn." "Were you born in a barn?" and my favorite, "Your barn door is open."

Today, many of the old-fashioned barns we knew as kids are long gone. They're mainly memories when folks with farm and ranch backgrounds visit at family reunions and weddings.

Still, these memories provide a warm glow of yesteryear. I'll never forget the bitter cold days in January when the winter winds whistled under the eaves of my Aunt Anna's barn and the icy rain played tic-tac against the cobweb-blotched windows...

John Schlageck is a leading commentator on agriculture and rural Kansas. Born and raised on a diversified farm in northwestern Kansas, his writing reflects a lifetime of experience, knowledge and passion.

Prairie Ponderings

By Donna Sullivan

Last week I had an interesting thing happen. The tables got turned on me and I was interviewed by a reporter. Initially, I thought it was going to be the other way around, and that was the mindset I went in with, then learned that was not the case. It was a nice, laid-back conversation in which we discussed things like the effect of the current political climate on interpersonal relationships within Kansas and how international issues such as trade and immigration affect people in our state.

As soon as she left my office, I began second-guessing myself and the answers I gave. There's a reason I'm a writer and not a speaker. I like to be able to think things through a dozen times, work and rework my wording, double- and triple-check my facts.

The part of the discussion that has haunted me the most is when we talked about trade and the tariffs. I told her it seemed to me that in the long term, addressing the trade issues could be a good thing if, in the end, we come up with better deals. It tends to be a "pay now or pay later" sort of situation. I said the problem lies in the fact that the ag community is already suffering, with net farm incomes a fraction of what they were just a few years ago. The added pressure of the tariffs, and the lower market prices they cause, could be more than some producers can survive.

As I was thinking about it on my drive home, an analogy came to mind. Imagine a cancer patient was injured in a serious car accident. When they arrive at the emergency room, bleeding and in need of urgent care, the doctors decide to treat the cancer while ignoring the injuries. Obviously, the patient might not make it.

Agriculture is battered and bruised right now. The president is working to treat the "cancer" of unfair trade practices. And in an effort to address the immediate injuries our industry is facing, he and Ag Secretary Perdue put forth

the relief package. While many questions about it are yet to be answered and there are details still to be worked out, the immediate "injuries" are getting attention. Will it be enough? Unfortunately, only time will tell, but I sincerely hope so.

As for the topic of how the political climate affects interpersonal relationships, I believe that if you only look at social media, it's easy to believe that opposing positions are completely incapable of having civil discourse. I really don't believe that. I still have too many people in my life with whom I might disagree with on some issues, that I am still able to work with to accomplish needed tasks. I, and I believe most other rational people, do not reduce a person's humanity down to their political beliefs.

And we discussed the role of media. I have always believed that the role of news media is to inform, not to influence. It is only when people have all the unbiased facts – when we have an informed populace – that good decisions can be made. It matters not which side the bias comes from. If it's bias – it doesn't belong in the news. Our job is to present the facts, tell all sides of the story and let people make up their own minds. Anything else is an abuse of the public trust.

And we can see exactly how that is playing out in our society now, when people are led to certain conclusions by being fed only the facts that support any given position. There is no discussion, there is no understanding. There are only battle lines drawn so positions can be defended and the basic tenet that we are "One nation, under God, indivisible, with liberty and justice for all" is being severely wounded in the crossfire.

It's not the first time our nation has been divided and in turmoil, and it likely won't be the last. But for better or worse, I'm an optimist, and I will continue to believe in the principals our nation was founded on and that our best days are still ahead.

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By Ace Reid

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"You're fired! In this wind there ain't nothin' as useless as a cowboy wearin' a straw hat er rollin' a smoke."

DUST ON THE DASHBOARD

by Glenn Brunkow

It all started with Jethro, the champion bucket calf, and just ended with Captain, the champion market beef. A span of sixteen years that covered many heartbreaks, experiences, opportunities, countless friends and even a few successes. The 4-H livestock experience was bookended by two calves that could not have been more different and were a good analogy of the whole experience.

Jethro and Captain were both black steers, and that was all they had in common. Jethro was a bucket calf we bought from a friend. Go figure, the first year I needed a bucket calf we had none, so I had to buy one. Little did I know that Jethro would be about the cheapest purchase I would make over the next sixteen years.

Isaac named him Jethro after attending the Peace Treaty Pageant at Medicine Lodge. Jethro was the cattle rustler the cowboys hung from a tree and it is beyond me why Isaac was so enamored with that scene that he had to name his calf Jethro. Jethro was a pretty good bucket calf and Isaac gave him a whole lot of attention. Of course, at the tender age of four, Isaac needed our help with him every step of the way. Everywhere we went that summer we quizzed Isaac about the parts of the bucket calf and other questions the judge might ask.

When the time came, we helped Isaac wash the calf and shine him up. Isaac marched him into the ring and gave the best performance of his career. Jethro was chosen Champion Open Class Bucket Calf that year and we worried it was a mark that we would never hit again. Tatum and Isaac went on to both win the 4-H bucket calf award but after that our family hit a long drought when it came to beef awards.

We bumped along and showed the best calves we had in our herd for several years after that. There were a few successes along the way, a class winner or two, but for the most part we spent our time in the middle to lower half of the class. It was frustrating, but now looking back the lessons learned with those calves were probably the most valuable ones we could have had.

Fast forward to this year and Captain. Captain came to us from Kentucky and was a show calf through and through. I wish I had a good story as to why Tatum named him Captain, but I don't. She pronounced him Captain the day he stepped off the trailer and, to be honest,

the name fit him to a T. He was a stately steer who commanded your attention. He was also a big teddy bear that never offered any trouble or caused any grief. All in all, he was the easiest steer we ever had when it came to handling and he loved to have his neck scratched.

Tatum put an incredible amount of work into Captain. Each morning she rinsed him off, brushed his hair and fed him, all before heading off to work. Captain spent the day with his sidekick in his pen in the barn under fans where it was cool. Then at night she repeated the routine before leading him back to his pen for the night. The work was all Tatum's with Jennifer and I doing very little. In fact, if we did anything it was under Tatum's strict supervision. She also spent countless hours working on showing him and by the time the fair came around he was nearly automatic in the show ring.

Jethro made one appearance in the showing, at the county fair. Captain made the spring show circuit and the county fair was his eighth trip into the show ring. Along the lines of "I couldn't make this up if I wanted to" was that he moved up one place at each show. Starting out third out of five in class at his first show in Marysville to Reserve Overall Market Beef at the last show before the county fair in Seneca. We joked about how that was a good sign for the county fair hoping that the form held true.

We knew the competition would be tough at the county fair and it was. Captain peaked at the right time and he came into the fair weighing the right amount and looking like we had hoped he would. That night in the show ring he looked the best he ever had and showed perfectly. One of the biggest thrills of our families entire 4-H career was when the judge slapped Captain and brought everything full circle.

I won't lie, two short days later when I walked by Captain on the truck to the processing plant there were tears in my eyes. I like to think I am tough, but Captain tested me. I scratched him under the neck one last time and thanked him for the experience he had given Tatum, but everything has its time. Words cannot express how blessed we were to have our 4-H career bookended by two champion beef like Jethro and Captain. It's funny how life works out sometimes.

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Trump sides with House on farm bill work requirement fight

(AP) – President Donald Trump is siding with House Republicans in the showdown over work requirements for food stamp recipients, adding a new wrinkle to difficult negotiations that are set to begin this fall.

Trump recently tweeted that he hopes lawmakers “will be able to leave the WORK REQUIREMENTS FOR FOOD STAMPS PROVISION that the House approved” in the final version of the legislation.

“Senate should go to 51 votes!” Trump tweeted, reiterating his position that Senate Republicans should abolish the filibuster for legislation.

Republicans have rejected the idea, leaving the 60-vote hurdle in place for most bills.

The House and Senate are preparing to begin formal negotiations on the farm bill after Labor Day. The House measure significantly tightens work requirements for recipients of the Supplemental Nutrition Assistance Program, while the Senate version largely leaves the program alone.

The House passed its version of the farm bill in June on its second go-around, after a group of GOP lawmakers initially blocked its passage over

an unrelated immigration issue.

Currently, able-bodied adults ages 18-49 without children are required to work 20 hours a week to maintain their SNAP benefits. The House bill raises the age of recipients subject to work requirements from 49 to 59 and requires parents with children older than six to work or participate in job training. The measure also limits circumstances under which families who qualify for other poverty programs can automatically be eligible for SNAP, and earmarks \$1 billion to expand work training programs. By contrast, the

Senate bill was bipartisan, offering modest adjustments to existing farm programs and making no changes to SNAP.

The House bill, which did not receive a single Democratic vote, is consistent with the Trump administration’s priorities. Earlier this year, Trump signed an executive order directing federal agencies to enforce existing work requirements and review all programs, waivers and exemptions.

House Speaker Paul Ryan has made clear he wants the stronger work requirements to be part of the final farm bill.

“We feel very strongly

ly about our position,” he said in a July news conference.

But Senate leaders say such provisions won’t pass their chamber.

At an event in Louisville, Ky., last month, Senate Majority Leader Mitch McConnell said he thinks House GOP members “understand that the level of work requirement in the House bill, which turned it into a totally partisan pass the Senate.”

McConnell said he

personally supports work requirements, but added that “we can’t pass that in the Senate. And in order to make a law, we have to pass the House and Senate.”

The Republican leader said he’s “optimistic that the bill, in the end, will look a lot more like the Senate version.”

Farm bill programs expire on Sept. 30 unless Congress acts. The programs include crop insurance and land conservation.

Chairman Roberts honored with Washington International Trade Association Award

For his work to fight for open markets for American agriculture, U.S. Sen. Pat Roberts, R-Kan., chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, was recently presented the Congressional Leadership Award by the Washington International Trade Association. The award recognizes individuals who have made exceptional contributions in the field of international trade.

“Just last year, the total value of U.S. agricultural exports was over \$138 billion. That is roughly a 200 percent increase from when NAFTA took effect,” Roberts said. “Clearly, free trade is not only good for U.S. agriculture, it is absolutely essential.”

“We should be aggressively seeking new agreements and trading opportunities around the world. And then, work to meet that demand. The United States should be leading

the charge. We are not, and if we do not change course there is a danger we will be left behind.”

“Trade, more especially agricultural trade, should not be used as a weapon. Rather it is a tool – a tool for peace, for national security through open markets, and for economic growth.

From his post as both chairman of the Agriculture Committee and as a senior member of the Finance Committee, which

has jurisdiction on trade, Roberts has long been outspoken on the benefits of increased access to foreign markets for American farmers and ranchers – taking his concerns directly to President Trump, U.S. Trade Representative Bob Lighthizer, Commerce Secretary Wilbur Ross, and other high-ranking officials in the administration.

2018 Kansas State University NCK Fall Field Day planned for August 21

Join the River Valley Extension District and Kansas State University for the annual KSU NCK Fall Field Day on August 21 at 6:00 p.m. The Fall Field Day will take place at the KSU Experiment Field in Belleville, located two miles west of Belleville on Highway 36. KSU Extension specialists Dr. Ignacio Ciampitti, Cropping Systems Specialist, along with Christopher “Chip” Redmond, KSU Weather Data Library/Me-

sonet Manager will lead the event.

Tour topics will include: “Mesonet 101” regarding the Kansas Mesonet weather information website, as well as the new weather station that has been recently constructed at the Belleville location. They will also be taking a look into seed rates for optimizing yields in soybean, corn, and sorghum row-crops. Lastly, they will discuss the soybean sentinel plot for dicamba drift

symptomology and there will be a review dicamba drift across Kansas from 2018.

This is a free event (no registration required) and there will be a catered meal to follow the meeting. For more information, contact Agronomist-in-Charge, Andrew Esser, at (785) 335-2836 or River Valley Extension Crop Production Agent, Tyler Husa, by calling (785) 243-8185 or by emailing thusa@k-state.edu.

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Home-canned foods are a year-round treat. But if those foods are not canned safely, foodborne illness can turn a treat into tragedy. Use current canning methods and follow these tips to can foods safely.

1. Altitude Adjustment — Kansas altitude can range from below 1,000 feet to just over 4,000 feet. Failure to adjust for altitude will lead to underprocessed food, which encourages the growth of Clostridium botulinum. Recipes in the USDA Complete Guide to Home Canning give altitude information with each recipe. Recipes in books such as So Easy to Preserve, Ball Blue Book, and Ball Complete Book to Home Preserving are written with processing instructions for altitudes below 1,000 feet. Always read the general instructions in these resources for more information.

2. Headspace — Proper headspace helps ensure a good vacuum seal on jars. Too little headspace can compromise the seal. Food and liquid expands during processing and may seep underneath the sealing compound. Too much headspace leaves excess air inside the jar, causing discoloration, seal failure, and spoilage. *Recommended headspace:* Jams and jellies — ¼ inch

Fruits, pickles, tomato products — ½ inch
Vegetables — 1 inch

Meats & poultry — at least 1 inch
For best results, always follow headspace measurements in the recipe.

3. Processing Equipment — Processing methods are recommended for home canning are water bath canners for high-acid foods and pressure canners for low-acid foods. The following old methods are not recommended and may cause spoiled food and foodborne illness:

Open Kettle Canning — In this method, hot food is poured into jars and the lid and ring are applied with no further heat processing. This allows bacteria, yeast, and mold to grow and spoil food. Examples include inverting hot jars and sun canning.

Oven — Oven temperatures vary with the accuracy of oven regulators and air movement. Dry heat moves slowly through jars, allowing bacteria to grow. Jars may crack due to temperature shock.

Dishwasher — Use the dishwasher to wash empty jars and keep them hot. Do not use it for processing filled jars. The water temperature is not high enough to kill bacteria for safe canning.

4. Untested or Homemade Recipes — Canning your favorite recipe is risky, and may cause spoilage and foodborne illness. It is difficult to determine the safety of a homemade recipe without having detailed knowledge of the recipe, preparation procedures, total acid content, and consistency of the final product. Use tested recipes from trusted resources such as USDA, K-State Re-

search and Extension publications, or home preserving equipment and ingredient manufacturers. Commercially canned foods are rigorously tested for safety. It is dangerous to try to recreate them at home.

5. Acidifying Tomatoes — Tomatoes are on the borderline between a low-acid and high-acid food. Tomato processing recommendations include both boiling water and pressure canning. Pressure processing instructions are equivalent in heat treatment to water bath processing. Both methods require acidification. There are no recommendations to process tomatoes without acidification.

Acidification Options for Tomatoes (Choose One)
Pints: 1 tablespoon bottled lemon juice; 1/4 teaspoon citric acid; 2 tablespoons vinegar (5% acidity).

Quarts: 2 tablespoons bottled lemon juice; 1/2 teaspoon citric acid; 4 tablespoons vinegar (5% acidity).
For more information see Preserving Tomatoes <http://www.ksre.ksu.edu/bookstore/pubs/MF1185.PDF>.

6. Improper Processing Time — Use trusted resources for safe processing instructions. Guessing can lead to underprocessing and foodborne illness or to over-processing and poor quality food.

7. Lids and Jars — Recipes specify what size of jar to use. If a recipe lists pints only, do not use a larger jar. Regular and wide-mouth Mason-type, threaded, home-canning jars with self-sealing lids are the best choice. They are available in 4-ounce, ½-pint, 12-ounce, pint, 1½-pint, quart, and ½-gallon sizes. Half-gallon jars are only used for canning high acid juices. With careful use and handling, Mason jars may be reused many times.

When using 12-ounce jars, follow pint jar processing recommendations. When using 1½-pint jars, follow quart jar processing recommendations.

Colored jars and lids are available and are safe for canning. Colored jars are not recommended for fair exhibits, which are judged visually, because it is difficult to see through the colored glass.

Commercial jars, such as mayonnaise jars, can be used for high acid foods and water-bath canning. You must use the two-piece lid and ring, which may not fit the jar rim. Commercial jars that cannot accommodate two-piece canning lids are not recommended for home canning.

The common self-sealing lid consists of a flat metal lid and a metal screw band. These lids are used one-time only. Reusing metal lids can lead to seal failure and spoilage. Lids manufactured since 2014 do not require heat treatment before use. All lids, however, can be heated gently in hot simmering water. Do not boil lids as excessive heat softens the

gasket compound too much. Metal screw bands can be reused.

One manufacturer makes a reusable plastic lid. No university research has been done to test the safety of these lids to date. Follow the manufacturer's instructions for best results.

8. Modifying Tested Recipes — Adding thickeners, pasta, rice, or any other ingredient to tested recipes can result in spoilage and foodborne illness. These changes alter the acidity and consistency, which slows heat penetration. Instead, make the recipe as stated, then add extra ingredients before serving.

9. Fancy Pack — Fancy packs are not practical and produce potentially unsafe products. Processing times depend on specific preparation procedures. For example, preparation instructions specify cutting carrots into pieces, instead of packing them whole. Fancy packs can slow heat penetration through the jar of dense food. The slow process of fancy packing hot food will cool the food too much, resulting in underprocessing.

10. New Appliances for Home Canning — Food preservation manufacturers are selling new appliances to help consumers preserve food without a lot of expertise or in smaller batches. These appliances must be used according to their instructions and recipes. Use of recipes not developed for these appliances can lead to seal failure, food spoilage, and other potential health risks.

Resources: K-State Research and Extension Food Preservation — <http://www.rrc.ksu.edu/p.aspx?tabid=18>; The National Center for Home Food Preservation — <http://nchfp.uga.edu/>; Ball FreshTech Appliances — <http://www.freshpreserving.com/products/freshtech-appliances>. Prepared by Karen Blakeslee, M.S., Extension associate & Rapid Response Center coordinator, kblakesl@ksu.edu, August 2014



By Ashleigh Krispense

Summer equals heat — outside, as well as inside — at times! Which is why these no-bake cookies are a breeze to whip up! Chocolate instead of the normal peanut-butter make them a family favorite. 1/2 cup (1 stick) butter
1/4 cup cocoa
1/2 cup milk
2 cups sugar
1 tablespoon vanilla
1/2 cup peanut butter
3 cups quick-cooking oats



In a large saucepan, dump together the butter, cocoa, milk, sugar, vanilla, and peanut butter.



Bring to a boil and boil 1 minute. Dump the oats in the pot and gently stir together.



Quickly (before it sets up) drop by spoonfuls onto a sheet of waxed paper and allow to cool. Serve and enjoy!!

Ashleigh is a freelance writer and blogger for her website, *Prairie Gal Cookin'* (www.prairiegal-cookin.com).

She shares everything from step-by-step recipes and easy DIY projects, to local history, stories, and photography from out on the farm in Kansas.

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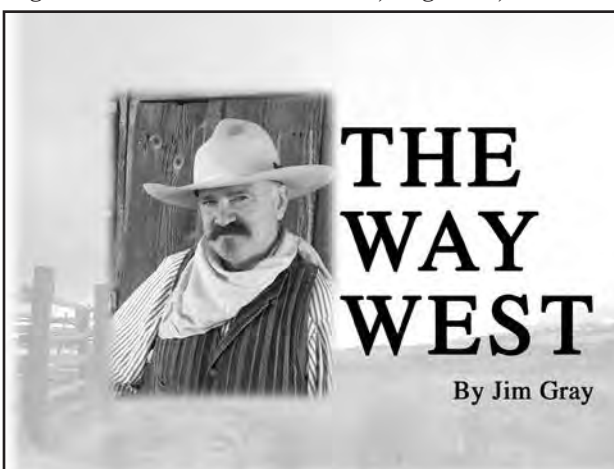
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In the Name of God!

A war party of Cheyenne, Sioux, and Arapaho made their way through Lincoln County, in north central Kansas, early in August 1868. Most of them were young men looking to gain honors against the Pawnee, a traditional enemy. Instead, assaults on settlers along the Saline River began on August 10th.

The objective changed when two warriors, beg-

ging food, were fired upon as they approached a cabin. Mrs. Bacon was captured and “horribly outraged.” Before the day was over two more women received the same abuse. The atrocities had been committed by outlying members scouting the settlements as the war party passed through.

When the leaders of the war party realized what had happened, the women

were released. Unfortunately, they were so battered and exhausted that when found by a search party the women appeared “more dead than alive.”

The war party continued north, reaching the South Fork of the Solomon River on August 11th. There, the Indians were “kindly received and fed by the white people. Moving on to the North Fork, the war party evaded armed settlers, who evidently had learned of the attacks the previous day. Although the main party tried to remain clear of the settlements, as in the Saline River incidents, a smaller faction seemed intent on raiding isolated settlers.

About mid-day August 12th, fifty to seventy-five warriors rode up to the shared dwelling of David Bogardus and Braxton Bell and their families. Twenty-one-year-old Elizabeth Bell cooked a meal for the visitors but was startled

when suddenly coffee was thrown in her face. Her husband and David Bogardus were forced to run around the cabin while being whipped with “riding whips.” When Bogardus turned to defend himself, he was shot down. Another shot brought down Braxton Bell.

The Indians tried to take Mrs. Bell, but when she refused to stay on a horse she was shot. As she lay mortally wounded on the ground she was violated by several warriors. Her nine-month-old daughter was speared with a lance but was later found alive. Two nieces were visiting from their own nearby cabin at the time of the attack. Ester was eight and Margaret, six. After ransacking the cabin, the sisters were lifted onto horses and taken away. At a nearby earth-sheltered dugout home, Martha Springs was easily surprised. She survived the attack but died three days later. Her family reported that she had suffered so severely, her death came as a result of utter fear.

Lyman and Marvin Randall saw smoke as they

were cutting the tall prairie grass for hay. Realizing that Indians were burning their house they fled to safety at the nearby settlement of Asherville, Kansas. Their brother Spencer was attacked and killed while driving a wagon of supplies over the prairie near present-day Glasco.

Indians attacked James McConnell while he was breaking sod with a team of three horses near present-day Beloit. Instead of running, McConnell fought them off, making his way back to a compound of dugouts built for protection along Asher Creek. During the running fight he was wounded in the heel, lost one of his horses, and rescued three-year-old Sarah Marshall, who was alone on the prairie.

Further northwest, another wagon was attacked the morning of August 13, 1868. John Baertouche and Henry Hewitt had planned to kill a buffalo. After the men were killed the warriors descended upon the undefended cabins of the dead men. Mrs. Lena Baertouche fled with her sons to the timber along a creek and remained hidden. Mrs. Nancy Hewitt

safely sent her children away, but she was shot in the hip and captured. She was released later that day.

Another band of warriors attacked southwest of present-day Concordia. Mary White was able to get three daughters to safety in the timber. The fourth and oldest daughter, Sarah, was captured and taken away. Other warriors found Sarah's father, Ben White, and three brothers putting up hay on the south side of the Republican River. Ben held them off and was killed while his boys galloped away on the horses.

By this time, simultaneous attacks ranged from the Republican River and back south to the Saline. Seventh Cavalry troops arrived in Lincoln County to repel an attack on the John Henderson place (present-day Lincoln).

The entire state trembled. The consensus was that a general Indian war had come to Kansas. In an urgent dispatch Governor Samuel Crawford appealed to U. S. President Andrew Johnson “In the name of God and humanity must we submit to the atrocities...?” In that moment of despair, fear reigned in Kansas and darkness loomed heavily on The Way West. (next week: The Solomon Avengers).

“The Cowboy,” Jim Gray is author of the book *Desperate Seed: Ellsworth Kansas on the Violent Frontier*, Executive Director of the National Drovers Hall of Fame. Contact Kansas Cowboy, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kansas.com.



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Wild genetics, domestic improvements

In the months leading up to harvest, many producers, seed dealers and researchers within the wheat industry add one or two plot tours to their busy schedules. There are typically more than 100 plot tours open to the public across the states of Kansas, Oklahoma, Nebraska and Colorado.

Although plot tour season has ended, producers are using the information learned during the tours to make planting decisions for this fall.

For those who have never attended one, a typical plot tour consists of wheat varieties from various seed companies grown side-by-side to show farmers how the variety grows in the geographic area near them. It's a way for seed companies to showcase their wheat varieties and for farmers to choose the ones they like best.

However, the wheat plot tour hosted by the Wheat Genetics Resource Center (WGRC) is a hidden gem, different from a typical wheat plot. Their field day at the Rocky Ford Experiment Station, off Barnes Road in Manhattan, offers an approach to plot tours with education at the forefront. The experiment



Education is the focus of the wheat plot tour hosted by the Wheat Genetics Resource Center.

station's plots are focused around wild wheat species with the goals of harnessing their unique traits for modern day wheat variety improvements and understanding wild wheat genetics. To top it off, the station has been around for 25 years, benefiting farmers in newfound research along the way.

Recently, the WGRC held a field day at the station to discuss wheat relatives, germplasm selection for variety improvement, detrimental wheat diseases and more.

This gave attendees an up-close view of the different wheat species grown around the world, and what they look like plant-

ed in a field in Kansas.

The goal is for educational and research purposes, for both researchers and attendees, not to market certain varieties. By going to a field day like this one, attendees got a chance to learn the science behind the crop and about diseases.

The field day was led by Duane Wilson, associate scientist in the Kansas State University Department of Plant Pathology, who showed attendees how the WGRC is evaluating wheat plants when a certain disease infects them, the fertility restoration project they are conducting and the relationship of wheat relatives

and their genomes. Wilson also showed the group the WGRC nurseries and their designated outbreak evaluations. Some of the different funguses, viruses and diseases looked at included Barley Yellow Dwarf, leaf rust, powdery mildew, wheat scab, stem rust, tan spot and Wheat Streak Mosaic Virus, to name a few.

There is distinct diversity in the plots that's hard to miss. The field day allowed attendees to look and learn about the research being conducted at different stations. With each station, notable speakers talked about the research in the nurseries. Dr. Bikram S. Gill, director emeritus of the WGRC and honorary distinguished professor of plant pathology; Dr. Bob Bowden, supervisory research plant pathologist with the USDA Agriculture Research Service and adjunct professor; Dr. Bernd Friebe, research professor in the department of Plant Pathology; Mark Davis, senior scientist in the department of Plant Pathology at K-State; and Jon Raupp, senior scientist for the Wheat Genetics Resource Center also spoke at the field day.

If you're interested in

the wild, unfamiliar side of wheat, a plot tour like this will give you the feel of a plot tour, with an educational side. If you missed it this year, you have a chance to attend next year and learn about the projects being researched at the station.

Although plots tours for the 2018 season have ended, you can learn more about the WGRC at <https://www.k-state.edu/wgrc/>. To stay connected with Kansas Wheat Alliance and upcoming news, visit our website at <http://kswheat-alliance.org/>.

Eastern Kansas Grazing School to take place Sept. 5 & 6 in Lawrence

The eighth annual Eastern Kansas Grazing School will take place Sept. 5-6 at the Douglas County Fairgrounds in Lawrence. The event is a hands-on school for Management intensive Grazing (MiG) for beginning and experienced grazers. It provides a unique combination of hands-on activities, as well as classroom activities and demonstrations in the field.

Topics to be covered on the first day include: Art and Science of Grazing, Plant Basics, Grazing Arithmetic, Farm Visit Pasture Allocation, Animal Behavior and Interaction, Weed & Brush Control, Resource Inventory, Stocking Rate, and Watering.

Day two will include the following: Fencing, Pasture Allocation and Field Exercises, Econom-

ics of Grazing, Layout and Design, and will wrap up with a question-and-answer session.

The event is capped at 35 farms and is on a first-come, first-serve basis. Registration is \$60 for the first person from each farm; registration includes lunches, snacks and handouts. Additional people from the same farm are \$30, and that registration includes lunches and

snacks.

For more information please contact Roberta Wyckoff at rwycckoff@ksu.edu or 785-843-7058. To register online, visit <https://tinyurl.com/EKSGrazing>. For a printable registration form, go online to the Douglas County Extension website at <http://www.douglas.k-state.edu/crops-livestock/index.html>.

Dryland Ag Day planned in Southwest Kansas

Against the backdrop of a diminishing Ogallala Aquifer, dryland farming is increasingly moving into sharper focus. A Kansas State University field day planned in Tribune will feature research related to growing dryland crops in western Kansas.

The Dryland Ag Day will be Aug. 21 at K-State's Southwest Research-Extension Center one mile west of Tribune on Kansas Highway 96. Registration and refreshments are available at 8:30 a.m. MDT, followed by field tours, indoor seminars and a lunch sponsored by TBK Bank.

Field tours starting at 9 a.m. MDT include:

Dryland corn planting date x maturity
Tillage vs. no-till in dryland systems

Dryland crop rotations
Weed control in fallow and row crop

Indoor seminar topics beginning at 11:15 a.m. MDT include:

Economics of dryland tillage systems

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More information is available by calling 620-376-4761.

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Biofuel and farm leaders mark 13th anniversary of the RFS

Thirteen years ago, August 8, the Renewable Fuel Standard (RFS) was signed into law, sparking a new era of U.S. biofuel leadership that continues to support rural jobs, increase energy security, and deliver clean, affordable options at the fuel pump. The nation's leading farm and biofuel advocates marked the occasion by calling on Acting Administrator Andrew Wheeler at the Environmental Protection Agency (EPA) to quickly deliver on the president's pledge to uphold the RFS and expand the market for etha-

nol blends, including E15. "For 13 years, the RFS has been a driving force for economic opportunity across the heartland," said Kevin Skunes, president of National Corn Growers Association (NCGA) and a North Dakota farmer. "Today, biofuels are more important than ever. Farm income has fallen to a 12-year low, and the EPA's refinery waivers have left more and more families facing an uncertain future. The EPA can address this uncertainty and take action now by approving year-round sales of ethanol blends greater than

10 percent, accounting for exemptions granted to refineries and reallocating exempted volumes to keep the RFS whole."

In July, the EPA announced proposed biofuel targets for 2019, offering no protection against waivers and loopholes abused by the previous EPA administrator. The plan is available for public comment until August 17, and advocates have launched a web portal at FuelsAmerica.Org/Action-Center, where supporters are invited to make their voices heard. Rural leaders also are calling for action

on the president's pledge to lift outdated summer regulations against selling E15, a lower-cost ethanol blend that President Trump vowed is "very close" to being available year-round.

"The RFS promotes our homegrown renewable fuels produced by hard-working rural Americans, driving real competition at the pump and ensuring a healthier future for generations to come," said Growth Energy CEO Emily Skor. "By expanding the biofuels market, the administration can deliver on its promise to rural America and provide consumers with cleaner, more affordable fuel options all year long. The EPA must act now on the President's pledge to farmers, biofuel workers, and consumers."

"Under the RFS, the biofuel sector has expanded to support hundreds of thousands of jobs at more than 200 plants across the heartland," said Brent Erickson, executive vice president of the Industrial & Environmental Section at the Biotechnology Inno-

vation Organization (BIO). "It has spurred investment and development of new technologies in advanced and cellulosic biofuels and is critical pillar in the foundation of the biobased economy. But EPA waivers have rolled back our progress, cutting biofuel targets to 2013 levels. The EPA must enforce the law, as Congress intended, and restore U.S. leadership in low-carbon biofuels."

Since its enactment in 2005 and expansion in 2007, the RFS has driven unprecedented growth, while curbing emissions and increasing U.S. energy security. From 3.9 billion gallons in 2005, America's biofuel sector produced more than 15.8 billion gallons of ethanol in 2017. Over the same period, America's net oil imports fell from 12.6 to 3.7 thousand barrels per day. American producers have also increased efficiency, delivering an average carbon savings on track to surpass 50 percent by 2022.

"The RFS remains

America's single most successful energy policy," said Brooke Coleman, executive director of the Advanced Biofuels Business Council. "Every gallon of U.S. ethanol cuts greenhouse gas emissions by 43 percent, according to federal data, and advanced biofuels are doing even more to protect the climate – all while delivering new revenue streams to U.S. farmers. By lifting outdated regulations on higher-ethanol blends, the EPA can unlock investments in cellulosic energy and keep America at the forefront of innovation."

"President Trump vowed to protect the engine of economic growth that has delivered for 13 years," said Kyle Gilley, senior vice president of external affairs and communications at POET. "It is time to allow year-round E15 access for America's drivers. E15 is an affordable, high-octane fuel that will grow our nation's biofuel use and allow the RFS to continue to deliver for America."

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AUCTION

SATURDAY, AUGUST 25, 2018 — 10:00 AM

Auction will be held at the Armory North State & Armory Drive in NORTON, KANSAS







ANTIQUE CARS & MOTORCYCLE
1923 Model T roadster; 1926 Model T touring car; 1934 American Austin; 1972 Honda CT90 motorcycle; 1975 Yamaha 650 motorcycle; 2 wheel trailer; assortment of Model T and Austin car parts (T fenders, T motors, new 21" tires, head lights, gas tanks, frame, assortment of other parts); motorcycle wheels.

TOOLS
Central Machine F1-9006 metal lathe 36"; twin cylinder air compressor; Super Arc 225 welder; 6" table saw; 8 ton press; battery charger; tool boxes; assortment hand tools; drill bits; power washer; testers; jacks; jack stands; sand blaster; spot welder; shop vac; Craftsman 20" electric snow blower; snow blower for riding mower; gas edger; chains; wheel barrow; wooden ladder; set 3 lockers; camping equipment; T posts; assortment of other tools.

COLLECTIBLES & HOUSEHOLD
American Glider stair climber; glider rocker; leather recliner; stereo; 50's bookcase; Teter hang up back stretcher; laser disc player; pocket watches inc: (Hamilton, Waltham, Elgin, Ingersoll Midget); clock making supplies; Jefferson nickels; Lincoln pennies; moon globe; accordion; mandolin; violin; cord organ; toys; tube tester; Coke collection; metal wall telephone; table radios; paper dolls; Ford poster; assortment dishes; salt & pepper collection; malt mixer; movie projector; picture frames; pocket knife collection; parking meter; wooden boxes; hay hooks; double tubs; horse collars; breast drill; 38 special bullets; meat slicer; new light bulbs; assortment canning jars; bread maker; Nuwave ovens; barber set; cast iron skillet; sweater machine; assortment of other collectibles.

Note: Lyle collected cars and had an assortment of parts. There is also good tools and many collectibles. Check our web site for pictures at www.thummelauction.com.

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AROUND KANSAS



For those of you playing at home, I am sharing the bios of some of the men involved in the Battle of Beecher Island as we head toward the 150th anniversary events and the Grand Reunion of Forsyth Scouts. Greg Heller, of the Fort Harker Guardhouse Museum, has been talking about Henry Inman from Day One. Until I started re-searching his story, I had not connected the officer with the author. His story is remarkable.

Henry Inman was born in New York City in 1837 to a well-educated family of artists and designers.

He joined the army in 1857 and served during the Indian campaign in Oregon and California. During the Civil War, he served as an aide-de-camp to General George Sykes of the Fifth Corps. In Richmond, he fought in the Seven Days Battles and suffered severe wounds and was brevetted for gallantry in action. At the end of his service, he was a captain and brevett major.

During the Plains Indian wars, he also served under Generals Phil Sheridan, George Custer, Alfred Sully, and Alfred Gibbs. Stationed at Fort Harker as a paymaster, he enlisted the first of the Forsyth Scouts on August 25, 1868.

In 1878, he began working as a journalist for the *Larned Enterprise* and edited several papers during his life.

He wrote of his adventures on the plains and the western frontier, and the colorful characters who had crossed his path. His short stories were printed in magazines and newspa-

pers.One of his books was written with his friend, Buffalo Bill Cody: *The Great Salt Lake Trail*. Buffalo Bill was named as co-author because Inman used a number of quotes from Cody's autobiographical book, *Story of the Wild West*. Inman's book, *The Old Santa Fe Trail* is also said to contain content from Buffalo Bill's autobiography. He also wrote *A Pioneer from Kentucky*, *The Delahoydes*, *Tales of the Trail*, *The Ranch on the Ox-hide*, and *Buffalo Jones*. At the time of his death, three books were being published, *The Cruise of the Prairie Schooner*, *Muriel*, *the Colonel's Daughter*, and *Pick Smith, the Scout*.

Inman died in Topeka in 1899 and is buried in Ellsworth. Many of his great-grandchildren still live in Ellsworth and Ellsworth County, including David K. Bailey, who will portray his storied ancestor in the Grand Reunion of Forsyth Scouts on August 25 at Fort Harker.

The town of Inman, Kansas, and Lake Inman were named for Henry and he served on the Board of the Kansas State Historical Society.

The Battle of Beecher Island was so named by Maj. George Forsyth because of the death of Lt. Frederick Beecher.

Frederick Beecher was one of the famous Beecher Family whose lives had such an impact on the Kansas Territory. Henry Ward Beecher, Harriet Beecher Stowe, the "Beecher Bibles" – guns sent to defend the settlers against pro-slavers from Missou-

ri – all of these were in Beecher's family tree.

Thus, young Fred was raised in faith and patriotism, with roots in the very heart of the Civil War. Though his college career was interrupted, he graduated from Bowdoin College, in Maine, in 1865.

He served in the 16th Maine Volunteers during the War and was wounded at Fredericksburg and Gettysburg. He was struck by shell fragments that shattered his kneecap at Gettysburg and said,

"I thought I was cut in two and expected to live but a few minutes, but was very happy."

His recovery was long and he was left with a pronounced limp for the rest of his life. Moved to reserve services, he was often morose. He wrote,

"My fortune has not been good and I do not know that it will change. I have much to be thankful for; and yet sometimes I wish I were laid with the brave men at Gettysburg."

He worked for the Freedmen's Bureau in North Carolina, the agency working to help freed slaves, and then in 1866,

he enlisted in the 3rd Infantry. He was stationed at Fort Riley, then at Fort Wallace where he served as quartermaster and was instrumental in the building of Fort Wallace.

Beecher was planning to take leave and visit his loved ones at home when orders came for him to join Maj. George Forsyth in his organization of civilian scouts to take part in the Plains Indian Wars.

Beecher's last letter home was written from Fort Hays, August 20, 1868, 18 days before his death.

He was beloved by the men who served with him. They described his death: Mortally wounded, he "calmly lay down by the side of his commander to await the end. His mind wandered back to his mother. He was heard to murmur, "My poor mother..." He became delirious and at sunset on September 17, Frederick Beecher passed away on a sandbar in the Arickaree River in the Colorado Territory.

Hastily buried in a shallow grave, his body was not found when the burial detail returned that winter to move the graves. His



Trail champions at the Morris County Fair were, from left: grand champion senior - Sr. Michelle Patry; reserve champion senior - Heather Patry; grand champion intermediate - Ransom Tiffany, and grand champion junior - Taylor Tiffany.

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Madison Loschke, Kingsdown, left, won first place showmanship honors, receiving the prestigious Dean Hurlbut Award, in the 2018 National Junior Angus Showmanship Contest, held in conjunction with the National Junior Angus Show (NJAS), July 7-13 in Madison, Wis. Also pictured are Leslie Mindeman, center, American Angus Auxiliary president, and Dean Hurlbut, right, both presenting the Silver Revere bowl. The top five winners also received a monetary award from the Ham James Memorial Fund.

Photo by Pearls Pics

Estimating yield on drought-stressed corn

By Tyler Husa, Crop Production agent, River Valley Extension District

When considering corn for silage (or as another source of forage) one of the main topics that comes up pertains to the process of estimating the yield of corn while still in the field. Much of the time, a crop insurance adjuster will come out and estimate yield and/or have a producer leave test strips for yield estimation. There are several ways, however, for the producer to estimate the yield on their own.

A key aspect to consider when estimating corn yield is determining the developmental stage of the

corn kernels on the cob. It is best to wait until the kernels are at least in the milk stage (or the stage when a person typically eats sweet corn). The following formula and considerations provide a close yield estimation:

Ears per acre:

This is determined by counting the number of ears in a known area. With 30-inch rows, 17.4 feet of row = 1,000th of an acre. This is generally the minimum area that should be used. The number of ears in 17.4 feet of row X 1,000 = the number of ears per acre. Counting a longer length of row is fine, just be sure to convert it to the correct portion of an acre when determining the number of ears per acre. Make ear counts in ten to 15 representative parts of the field or management zone to get a good average estimate. The more ear counts you make (assuming they accurately represent the field or zone of interest), the more confidence you have in your yield estimate.

Kernels per ear:

This is determined by

counting the number of ear rows and number of kernels in each row. Multiply those two items to arrive at kernels per ear (number of rows X kernels per row). Do not count the aborted kernels or the kernels on the butt of the ear; only count kernels that are in complete rings around the ear. Do this for every fifth or sixth plant in each of your ear count areas. Avoid odd, non-representative ears.

Kernels per acre = Ears per acre x kernels per ear

Kernels per bushel:

This will have to be estimated until the plants reach physiological maturity. Common values range from 75,000 to 80,000 for excellent, 85,000 to 90,000 for average, and 95,000 to 105,000 for poor grain filling conditions. The best you can do at this point is estimate a range of potential yields depending on expectations for the rest of the season.

Examples:

Ears per acre: (30-inch rows)

Ten different 17.4-foot lengths of row provided counts of 25, 24, 22, 21, 24,

26, 20, 21, 22, 20, and the average of these counts is (25 + 24 + 22 + 21 + 24 + 26 + 20 + 21 + 22 + 20)/10 = 22.5/10 = 22.5 scaling up to an acre gives 22.5 X 1,000 = 22,500 ears per acre

Kernels per ear:

The four or five ears from each 17.4-foot area had an average of 14 rows and 27 kernels per row

14 X 27 = 378 kernels per ear

Kernels per acre:

22,500 ears per acre X 378 kernels per ear = 8,505,000 kernels per acre

Kernels per bushel:

Given that this field has been exposed to 100" F and above with no significant precipitation for the past couple of weeks and the prediction for the next 7-10 days is for triple digits every day and no rain, it may not hurt to assume below-average fill conditions and use a fairly large number of kernels per bushel (because kernels will be small). Based on the ranges mentioned above, a reasonable value might be 105,000 kernels per bushel.

Bushels per acre:

8,505,000 kernels per acre/105,000 kernels per bushel = about 81 bushels per acre

If you have any questions feel free to stop by or contact me in the Concordia Office (River Valley Extension District, 811 Washington, Suite E, Concordia, KS 66901) by calling 785-243-8185 or emailing thusa@ksu.edu.

Source: K-State Agronomy: eUpdate Issue 703 July 20, 2018

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JOHN DEERE TRACTOR & EQUIPMENT AUCTION

SATURDAY, AUGUST 25, 2018 — 9:00 AM

Auction Site: 1364 240th St. – HIAWATHA, KANSAS 66434

AUCTIONEER'S COMMENT: Mr. Miner collected and restored John Deere tractors and equipment for many years. Some of the tractors are fully restored and others are in original condition ready to fit in anyone's collection. Make plans now to attend!

PREVIEW of ALL auction items will be held FRIDAY, AUGUST 24 from 8 AM-6 PM. Lunch on grounds.

JOHN DEERE TRACTORS

JD 1520, 091941, original
JD 3020, 67135, 1964, original
JD A, 418267, 1935, brass tag, new rubber, restored
JD A, 427682, 1936, flat spokes, older restoration
JD A, 432310, 1936, original
JD A, unstyled, 433095, 1936, needs work
JD A, 454416, 1937, parts tractor
JD A, 465560, 1937, new rear rubber, needs work
JD A, 483416, 1939, original
JD A, 509745, 1941, flat spoke, original
JD A, 580501, 1947, original
JD A, 586682, 1947, single front, new rubber, restored
JD A, 587843, 1948, original
JD AR, 263670, 1944, original
JD AW, 481532, 1939, flat spoke rear, original
JD A, 580501, 1947, original
JD AW, styled, 677175, 1951, wide front, new rubber, restored
JD B, 4003, 1935, original, rough
JD B, 3687, 1935, parts tractor
JD B, 201634, 1937, original
JD B, styled, 65619, 1939, needs work
JD B, styled, 88059, 1940, new rubber, restored
JD B, 91371, 1940, steel rear, restored
JD B, styled, 91602, 1940, original
JD B, styled, 108505, 1941, original
JD B, 185779, 1946, original
JD B, 1951, w/add on 3 pt, JD loader w/hydraulics
JD B, styled, parts tractor
JD D, unreadable tag, 1942? original
JD GP Std, 208806, 1929, original, needs work
JD H, 4258, 1949, original
JD H, 59613, 1946, new rubber, older restoration

All merchandise sold "As-Is" with no warranties expressed or implied by the owner or auctioneers. NO EXCEPTIONS! All Announcements made the day of the auction will have precedence over printed material. Driver's License or state issued photo ID required for bidder number. Payment may be made with cash or check. NO BUYERS PREMIUM!

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JD HN, 5846, 1939, single front, new rubber, restored
JD L, 626158, 1939, new rubber, older restoration
JD LA, 5115, 1941, new rubber, restored
JD M, 26746, 1949, new rear rubber, original
JD MT, 12982, 1949, original
JD MT, 27494, 1951, new rubber, original
JD MT, 39912, 1952, wide front, restored
JD W power unit, 4071, restored on trucks

JOHN DEERE BO LINDEMAN CRAWLER

JD BO Lindeman Crawler, 336509, 1936, original Set of Lindeman tracks

** JOHN DEERE LAWN MOWER **

JD 110, 5021, nice original

** MISC. TRACTORS **

Allis Chalmers B, 101280, restored; Ford 2N, 269098, 1947, original; Ford 8N, 272926, 1950, original; Ford Jubilee, 54622, 1951; Ford, 20067, new rubber, older restoration; Silver King, 2934, 1937, new rubber, older restoration.

** MISC. FARM EQUIPMENT **

JD Go Devil; JD # 1 – 2 – 4 horse drawn mowers; JD small disc; 2 btm mtd plow; 2 btm pull type plow; (2) 1 btm plows; (2) Shredders; Gandy spreader; Walk behind cultivator; Hydraulic cylinder; 1 Row garden planter.

** TRAILER **

H & H trailer with 18 ft bed, like new, only used a couple of times.

** MISC. ITEMS **

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Grass & Grain Area Auctions and Sales

August 13 — Model A car, pickup, shop equipment, furniture & household at Inman for Vernon Moore Estate, Joyce Moore, seller. Auctioneers: Van Schmidt Auctions.

August 13 (Monday) — Coins, Santa Fe Railroad items, guns, miscellaneous at Osage City for Duane Duke. Auctioneers: Wischropp Auctions.

August 16 — Real Estate (large wooded lot with storage building & vacant home being used for storage), vehicle, tractor, mowers, shop tools & misc., guns, household & more at Hutchinson for Estate of Delmas Ridge, by order of Linda Ridge. Auctioneers: Morris Yoder Auctions.

August 16 — Tractors, hay & livestock, grain handling, planting, cultivating & spraying, tillage, trucks, trailers & vehicles, harvest, antique machinery, construction & misc. at Tekamah, Nebraska for farm machinery consignments. Auctioneers: Lee Valley, Inc.

August 17 & 18 — selling the 17th: Farm equipment, tractors, vehicles, mowers, 4-wheeler, motorcycle, etc., trailers, tools; selling the 18th: Furniture, TV, household, etc., guns, antiques, primitives, collectibles & misc. at Portis for Raymond & Betty Shellito Estate. Auctioneers: Wolters Auction & Realty.

August 18 — Trusses, pallet racking, siding, insulation & related items & misc. at Salina for Storage Warehouse contents. Auctioneers: Wilson Realty & Auction Service.

August 18 — Shop tools, household, furniture, glassware & more at Abbyville by order of Warren Wilt. Auctioneers: Morris Yoder Auctions.

August 18 — Tractors, combine, trucks, stock trailer, machinery, antique farm machinery, livestock equipment & misc. at Lancaster for Tom & Pat Brox. Auctioneers: Chew Auction Service.

August 18 — Furniture, appliances, glassware, collectibles, equipment, tools & misc. at Junction City for Napoleon Wormley

Jr. & others. Auctioneers: Brown Real Estate & Auction Service, LLC.

August 18 — Tractor, vehicle, pedal tractors & much more at Emporia. Auctioneers: Hancock Auction & Real Estate.

August 18 — Forklifts, wheel loader, 1998 Freightliner L70, 2008 Peterbilt with tall sleeper, pickups, excavator, stone splitter, stone saw, shop tools & much more at Wichita for Born Stone Equipment liquidation. Auctioneers: Chuck Korte Real Estate & Auction Service, Inc.

August 18 — Antiques, collectibles, furniture, household, shop, lawn & garden, guns, tractor, trailers, pickups, machinery & livestock equipment, livestock at Oskaloosa for L.L. (Barney) & Debbie Barnett. Auctioneers: Harris Auction Service.

August 18 — Antiques & collectibles at Wamego for Wink & the late Louese Winkler. Auctioneers: Thummel Real Estate & Auction, LLC.

August 18 — Custom Carpenter tool trailer, power tools, snow blower, generator, water system, grape crusher, accessories & misc., ladders, scaffolding & more at Beatrice, Nebraska for John Dunlap. Auctioneers: Jurgens, Henrichs, Hardin.

August 18 — Farm equipment, pickup truck & ATV, hay & livestock equipment, tools & miscellaneous at Hanover for the Judy Holle family. Auctioneers: Donald Prell Realty & Auction LLC.

August 19 — Collectibles, appliances, furniture, mostly new tools & misc. held near Centralia for Blake Eden. Auctioneers: Cline Realty & Auction, LLC.

August 19 — Pottery & glassware, primitives & collectibles, furniture, tools & misc. at Council Grove for Helmut Hoelle & another seller. Auctioneers: Hallgren Real Estate & Auctions, LLC.

August 21 — Blazers, pickups & Gator, tools, horse equipment & other held just North of Concordia for Jim Larsen Estate.

Auctioneers: Thummel Real Estate & Auction, LLC.

August 23 — 1986 Oldsmobile Ciera SL, JD GX85 riding lawn mower, appliances, furniture, household, Post Office desk, 36-dr. brass front mail box & teller's cage, brass mail slots out of Randolph post office, glassware, antiques & collectibles, antique Sessions mantel clock, tools, rough sawn walnut lumber cut & cured in '60s at Randolph Mill at Randolph for Ruth E. Hohman & the late Gail Hohman. Auctioneers: Gannon Real Estate & Auctions.

August 23 — Real Estate (22-acre mini farm), farm equipment, mower & farm supplies at Halstead for sale by order of Daniel & Rosalie Koehn. Auctioneers: Morris Yoder Auctions.

August 23 — 320 ± acres Greenwood County, KS Land held at Eureka for Merle L. Braden & Dolores A. Braden Revocable Living Trust. Auctioneers: Sundgren Realty, Inc., Land Brokers.

August 25 — Tools, collector items & antiques, collectible tools, license tags, Burdick collectibles, vintage Hiawatha Silver Chief bicycle & more held near Delavan for Janis Peterson & one other party. Auctioneers: Bob's Auction Service, Bob Kickhaefer.

August 25 — Truck, mower & tillers, gun, ammo & hunting, tools & garden, household & outdoor, antiques & collectibles at Cottonwood Falls for property of Daniel "Dan" Biggerstaff. Auctioneers: Griffin Real Estate & Auction Service, LC.

August 25 — Complete liquidation of A Lasting Impression Floral, Antique & Gift Shop at Burlington. Auctioneers: Kurtz Auction & Realty.

August 25 — Antique cars & motorcycle, tools, collectibles & household at Norton for Lyle Stevens Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

August 25 — John Deere collector tractors

& equipment, John Deere BO Lindeman crawler, John Deere lawn mower, misc. tractors & farm equipment, trailer & more at Hiawatha for Jerry Miner Estate. Auctioneers: Nixon Auctioneers, Lonnie Nixon.

August 25 — Coins at Emporia. Auctioneers: Swift-N-Sure Auctions.

August 25 — Jackson County land sold in 2 tracts & personal property held near Whiting for the Estate of Jaroslav Sedlacek. Auctioneers: Harris Real Estate & Auction, LLC.

August 26 — Guns, rifles, handguns, BB & pellet, ammo, reloading items, fishing, traps, lawn & garden, shop, collectibles, household & more at Strong City for an Estate. Auctioneers: Hancock Auction & Real Estate.

August 26 — Antiques & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

September 1 — Collector car (1967 Corvair 110 convertible), motor scooters, furniture, collectibles, signs, KU Jayhawk memorabilia, porcelain advertising, shop equipment, misc. & some vintage furniture consignments (from Lee Bittenbender) at Lawrence for Dave & Jamie King. Auctioneers: Elston Auctions.

September 5 — 156.73 m/l acres of farmland in Northeast Ottawa County, KS held at Minneapolis for Rodney L. Ponton. Auctioneers: United Country Real Estate Crossroads Auction & Realty.

September 7 — Real Estate (3BR 2 BA manufactured home, pond, RV hookups & more), tools, furniture & misc. at Toronto for Nellie Smith. Auctioneers: Sundgren Realty,

Inc. * Land Brokers.

September 8 — Real Estate: 320± acres Greenwood County pasture w/5 ponds; tractors, trucks, cattle & farm equipment, furniture, tools & more at Eureka for Jim & Phyllis Ryan. Auctioneers: Sundgren Realty, Inc. * Land Brokers.

September 8 — Vehicles, tools, furniture, collectibles & more at Salina for Jack A. Wilson Trust. Auctioneers: Baxa Auctions, LLC.

September 8 — Tractor, shop equipment, mechanics tools & equipment, lots of tools, generators & more at Abilene for Mr. & Mrs. Eldon Holt. Auctioneers: Reynolds Auction Service.

September 9 — New & new old stock, vintage cutlery wooden display case, paper advertising memorabilia, prints, hunting, pocket, cutlery knives, vintage hand tools, small new appliances, pots, pans, hardware items, electrical & plumbing items, power, hand & garden tools, store displays & fixture & so much more at Lawrence for Ernst & Son Hardware liquidation, Mrs. Rod (Shirley) Ernst. Auctioneers: Elston Auctions.

September 15 — Real Estate (2BR, 2BA with possibly more on 5 acres), tractor, attachments & mowers, appliances, furniture, collectibles, shop & yard, misc. & more at Wamego for Mary Yonning. Auctioneers: Crossroads Real Estate & Auction, LLC.

September 15 — Large Coke collection, household goods, tools & antiques at Clay Center for Lavonne (Mrs. Forrest) Hartner. Auctioneers: Kretz Auction Service.

September 16 — Ernst

& Son Hardware double side sign, more collectible signage, vintage cash register, safe on wheels, vintage carpenters work table, store displays, lighted signs, collectibles of all kinds & so much more at Lawrence for Ernst & Son Hardware liquidation, Mrs. Rod (Shirley) Ernst. Auctioneers: Elston Auctions.

September 22 — Farm machinery & equipment at Waterville for Glen & Lois Andersen Trust. Auctioneers: Vathauer Auction Service.

September 29 — Large farm machinery retirement auction inc. tractors, trucks, tillage, tools, lots of good antique tools, great old solid wood furniture (some 100 yrs. old) & more at Burdick for Roger Peterson. Auctioneers: Bob Kickhaefer.

September 29 — Quality Blacksmithing tools at Lawrence for Mike's Blacksmith Shop. Auctioneers: Kretz Auction Service.

September 29 — New Strawn Farm & Ranch consignment auction at New Strawn. Auctioneers: Kurtz Auction & Realty.

October 13 — Judd Ranth 28th Annual Cow Power Gelbvieh Balancer & Red Angus Female Sale at Pomona for Judd Ranth.

October 23 — 156.3 acres of Washington County land held at Washington for Linda Rosenkranz Estate. Auctioneers: Midwest Land and Home, Mark Uhlik & Jeff Dankenbring.

October 31 — Fink Beef Genetics 28th annual Angus & Charolais Bull Sale at Randolph.

ANTIQUE AUCTION

SUNDAY, AUGUST 26, 2018 — 9:30 AM

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

ANTIQUES & COLLECTIBLES

3 walnut etagere's; 20 drawer railroad map cabinet; 33 drawer step back cabinet; pine dry sink; short pine cupboard; several pine sorting bins; pine 2 door cabinet; marble turtle top walnut parlor table; oak parlor table w/glass ball feet; German walnut 2 door cabinet; oak drop front desk; Morris chair w/lions heads; Mission oak bookcase; pine 2 door cabinet; oak 2 door china; oak ledge front cupboard; walnut 2 drawer chest; pine 1 door cabinet; table showcases inc: Union showcase; trunks; Mission oak rocker; walnut needle point chair; stack bookcases; pine tables; wooden tool chest; floor lamps; pine & oak stands; Oriental table; walnut foot stool;

pine stools; sow belly cabinet; cast iron railroad signs; drying racks; painted chest; wooden ladder; walnut comb case; Mission coat hanger; table phonograph w/horn; Perfection heater; Minute Maid slush machine; French doors; Western Field cooler; wood dough bowl; sewing machine base; 50's TV; door w/leaded window sides; Navy & other signs; several store displays; needle cabinets; 4 gal Red Wing water cooler; Pittsburg 5 gal Ice Water crock; other crocks; large assortment toys; Erector set; Lionel race set; model cars; tin toys; Star War items; Disney items; Hot Wheels; games; flatware; lamps; aluminum Christmas trees; assortment pictures; cameras; Beaver blanket;

quilts; Indian blankets; Indian pottery; turquoise & sterling jewelry; oak wall telephone; wall clock; lamps; assortment pictures; fans; rugs; barb wire; cowboy boots; ice cream freezer; brass fire extinguisher; radios; wooden wringer; wooden totes; cast iron skillets; US Army items inc.: field table, hats, bags; sprinkling can; beer signs; banjo; 1939 House Representative picture; Mobil oil Worlds fair glasses; chicken crate; incubators; wash tub; punching bag; baseball bats & glove; saddle; lap robe; cameras; wooden sled; lighters; movie poster; books; puzzles; corn sheller; Jewell T pieces; Blue Willow dishes; jardinières; assortment glass; steins; large assortment of other items.

Note: This is an individual collection. This collection has been in storage for over 15 years. There is a large assortment of good collectibles & furniture, many unusual items. Check our web site for pictures at www.thummelauction.com.

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067

REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, AUGUST 25, 2018

Starting time for Personal Property: 10:00 AM • REAL ESTATE to sell at 11:00 AM

AUCTION LOCATION: 18856 286 Road — WHITING, KANSAS

DIRECTIONS: 1 mile East of Whiting on KS 9 Hwy to X Rd, 1 ½ miles South to 286 Rd, ½ mile East on 286 Rd.

To settle the **ESTATE OF JAROSLAV SEDLACEK**

We will sell the following real estate to the highest bidder.

Description of Property: TRACT 1: S35, T5, R16E Jackson Co., KS. 40.75 Acres, 18856 286th Road, Whiting, KS 66552.

Older homestead and buildings. Balance, pasture. Would make great building site with rural water nearby. Fences are poor.

TRACT 2: S9, T6, R16E 96.14 Jackson Co. KS - 96.14 acres. **Location:** 3 miles southwest of Whiting, KS on W Road to 270 Road (low maintenance road), ½ mile west, north side of road. 84.85 terraced crop acres reported in 2017. Balance, waterways and small area of timber. Nice laying farm with approximately 25% bottom ground.

Taxes: 2017 Tract 1: \$584.04. Tract 2: \$2257.46

TERMS: Day of sale, the successful bidder will be required to enter into a real estate purchase contract and provide an earnest deposit of 10% of sale price. Balance due in certified funds at closing. Closing, on or before October 1, 2018, unless

additional time is needed to provide marketable title. Possession of Tract 1 at closing other than pasture which will be November 1, 2018. Possession of Tract 2 crop land will be when crop has been harvested. Sale is not subject to Finance. 2018 taxes will be paid by Seller. Seller is responsible for all taxes prior to 2018. Owner's policy of title insurance cost & closing fee, to be split equally between buyer and seller.

Any inspections buyer deems necessary must be completed prior to sale. Sold subject to existing leases, zoning, easements, restrictions, reservations and roads of record. Selling all real estate "as is" and the suitability of this property for any particular purpose is not guaranteed. Neither Seller or Harris Real Estate & Auctions, its agents or representatives are making any warranties about the property, either expressed or implied. Harris Real Estate & Auctions and its agents and representatives are exclusive agents of the seller.

Announcements day of sale take precedence over all other material, printed, online or otherwise.

SELLER: The Estate of JAROSLAV SEDLACEK

Russell "Rusty" Sedlacek, Executor 402-430-2512

HARRIS REAL ESTATE & AUCTION 785-364-4114

Holton Livestock Exchange, Inc. 785-364-4114 • Dan Harris, Broker & Auctioneer 785-364-7137 Jarrod Thompson, Sales 785-851-7426 • Rogette Branam, Sales 785-851-0069

FARM EQUIPMENT

1965 Farmall 656 gas sn 14022; IH #10 drill w/grass seed box; Electric 5130 130 bu flair box wagon w/hyd dump; old box wagon on running gears; Butler 5000 bu grain bin, to be moved by buyer; 1945 Dodge straight truck, not running; Gleaner combine; old pulp type combine; 1 row corn picker; grain aerator & dryer; 50-60" 6" auger; 1950 Chevy pu; 6' stock tank; Rhino 6' mower; 2 row planter; springtooth harrow; pull type disk; seed cleaner; partial roll hog wire; old iron implement wheels; fuel barrels.

MISCELLANEOUS

Deitz coal lantern; antique TV trays and baskets; coat rack; antique lamps; old Sears fan; wood ironing board; small child

desk; old oil buckets; vintage hats; old dial phones; old end tables and dressers; misc old pictures and books; cuckoo clock; old feed sacks; antique irons; fuel oil stove; old kitchen cabinet; antique washing machine; stone crock; Ashley automatic stove; meat saw; misc electric drills; antique Maytag washing machine; 2-man buck saw; antique hub caps; chain saw; (2) antique adding machines; RCA phonograph; Champion sled; coat rack; antique wood boxes; 1939 Gene Autry guitar; iron beds; Silvertone record player; Monarch electric cook stove; antique dresser w/mirror; antique armour dresser; old Motorola tube radio; Sears combination safe; 22 long rifle, semi auto; double barrel shotgun;

Daisy Red Ryder BB gun; Daisy #25 pump BB gun; Hiawatha bicycle; Free Spirit bicycle; (4) antique trunks; (2) air bubbles; several traps; misc antique cans; misc tools; chicken crates; milk cans; antique Decker washing machine; numerous ladders; (5) rolls barb wire; several used T-posts; old meat grinder; old medical bottles; old typewriters; antique wood siding; gas lanterns; windmill motor; old games; Skil saws; antique gas cans; old wooden high chair; old canning jars; old roller skates; several old suitcases; old wood planes; old Sears ceiling tile, still in box; lawn mowers; misc. scrap iron & scrap machinery; **Many many items not listed. Lot of old items!**

View pictures at: Holtonlivestock.com

Portable restrooms and food will be available!

HARRIS AUCTION SERVE, HOLTON, KS

Dan Harris, Auctioneer 785-364-7137 • Larry Harris, Auctioneer Cody Askren, Auctioneer 785-364-7249 • Holton Livestock Exchange, Inc. 785-364-4114 Clerk & Cashiers: Cindy Grollmes, Jennifer Ingels & Blake Harris

AUCTION

TUESDAY, AUGUST 21, 2018 — 4:00 PM

Auction will be held at the farm located 7 miles North of CONCORDIA, KANSAS on Highway 81 & Xavier Road.

BLAZERS, PICKUPS & GATOR

2001 Chevrolet Blazer LT 4-wheel drive, auto, V6 Vortec, electric; **2000 Chevrolet Blazer** LS 4 wheel drive, auto, V6 Vortec, electric; **2000 Chevrolet 2500** HD 4 wheel drive crew cab pickup, 8 cy, auto, 150,000 miles; **1999 Chevrolet 2500** 4 wheel drive extended cab pickup, 8 cy, auto, 250,000 miles; **Titan** 6'x15' tandem axle dump trailer; **John Deere** 4x2 Gator.

TOOLS, HORSE EQUIPMENT & OTHER

Lincoln Ranger 8 generator w/16 hp motor; Puma twin cylinder upright air compressor; Honda 3500 generator; Lincoln Power Mig 215 welder;

Lincoln Ideal Arc SP100 wire welder; Lincoln Weld-Pak 100 wire welder; Lincoln 225 welder; B&D 8" radial arm saw; 8" drill press; 1" belt sander; Craftsman stack tool box; Stihl ½ gas drill; new 16" Stihl MS271 chain saw; Stihl gas weed eater; acc torch; electric nipper; 8" table saw; wood band saw; cutoff saw; DeWalt 18v kit; angle grinder; assortment hand tools; 4' level; come-a-longs; chains; boomers; ½ ton floor jack; bottle jacks; wheelbarrow; shop built wood stove; 2" transfer pump w/3hp engine; work bench; pallet mover; 12" & 16" skid loader post hole digger bits; hyd post driver; High wheel wooden wagon, good; single

seat buggy; 2 wheel horse training cart; single 4 low back saddles; driving harness; leads; horse tack; 2-2 wheel pickup box trailers; 4 wheel flatbed trailer; 800 gal poly tank; 2 wheel log splitter w/5 hp gas engine; 2 combine bins 1 on wheels; pickup utility box; aluminum dog box for pickup; round horse feeder; 8", 12' & 14' cattle panels; 1" & 1 ½" square & round tubing 20"; 3/8" ready rod 20"; continuous fencing supplies; 2", 2 7/8", 4" pipe for posts; assortment of pipe for fence; roll 6' chain link fence; hedge posts; T posts; dog runs; 2 pallets new shingles; 16" used tires; dog pans; buckets; shovels; rakes; assortment of other items.

AUCTION

SATURDAY, AUGUST 18, 2018 — 9:00 AM

Auction will be held at the home located at 701 Adam (the home is West and South of the golf course) in WAMEGO, KANSAS

ANTIQUES & COLLECTIBLES

Pine unusual store cabinet w/4 bins & pie cabinet; pine corner cupboard; pine 7'x5' 4-door cupboard; unusual meat blocks 14", 17", 29", 36"; pine bachelor chest; pine blanket chest; 42" round pine table w/4 leaves; pine store tables; 45" spinning wheel; yarn winder; pine poster rope bed; pine bakers rack; pine 4 door cupboard; pine 4 drawer chest w/hanky boxes; short pine 2 door cupboard; walnut 2 door stand; walnut 3 drawer chest; small blanket chest; square pine table; pine cradle; pine rocker; indoor hickory picnic table; 15 braided rugs some wool; 8 hall trees several different; 10 floor lamps; metal lawn chairs & glider; other pieces of furniture; Clocks inc.: Sessions Regulator wall, shelf clocks, other; large assortment lamps inc.: (hanging

Aladdin, hanging saloon, 3 student, table, wall, many kerosene, lamp shades); Assortment jewelry inc: 1930 Isaacs ladies watch 100 IRID 900 Plat (watch case has 48 single cut baguette diamonds, band has 105 single cut baguette diamonds total diamond 2.12 ct); Gruen, Bill Basi, Hu guenin, Dior ladies watches; other mens & ladies watches; belts some sterling; earrings; hairclips; assortment costume jewelry; tea leaf pieces; bells; assortment of copper (bed warmers, pots, tea pots, many pieces); basket collection inc.: set nesting kidney; wooden dough bins; wooden trays; 18+ wooden bowls; 3' wooden stomper churn; wooden round churn; wooden buckets; brass & pewter candle holders; punch bowl w/under tray; tea pots; kitchen collectibles pitchers, bowls, canisters;

crocks inc: 3 gal Monmouth & RW; churns; crock bowls; crock pitchers & mugs; crock angel food cake pan; wood barrel; tin spice box; cast iron pots; scale; hitching post; large pulley; hair tonic bottles; ladies hats; quilt tops; throws; Raggedy Ann collection; pewter pieces; wooden spoons; sad irons; hanging store scales; canes; collector cars; large assortment pictures & prints; Jo Sickbert painting; 48 star flag; fans; toy Coke truck; spittoons; sad irons; 5 spittoons; copper boilers; porch posts; True Temper tool rack; assortment tools; aluminum lawn mower ramps; aluminum extension ladder; large assortment of very quality and unusual collectibles. Assortment newer hand tools; grinder; other tools.

NOTE: Wink & the late Louese attended auctions and collected antiques during their 70 years of marriage. There are many very unique & quality pieces of pine furniture and collectibles. Bring your chair and plan to stay, the yard has shade trees. This will be a very large auction. Check our web site for pictures at www.thummelauction.com.

WINK & THE LATE LOUESE WINKLER

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067

The Valdez

Lately there has been dissension at the rancho. I have overheard murmurings in the barnyard, in particular regarding my stock trailer. The grumbling animals enlisted my teenage daughter to present their complaints. In my defense, let me

describe my trailer. I felt like it was a real bargain when I bought it... let's see, in 1986. It's an eighteen-foot Hale, '92 model with a bumper hitch. Upon purchasing it from a reputable Hereford breeder who guaranteed it would haul up to eight full-grown

cows, I made a few minor repairs. Three of the wheel bearings needed replacing but the left front still spun good. We welded a jack on the tongue, built a new wooden panel for the end gate, put plywood over the rotting floor and bought inner tubes for the two new recaps that didn't have any tread left. I'm still working on the wiring and have got a good coat of primer on the front panel which covers about six square feet in the shape of Utah. The greenish primer almost matched the original scour yellow. Recently I put down a rubber mat on the slick plywood after a horse

came loose in transit and slid from front to back goin' up a steep grade. Every improvement an investment, I always say. Jennifer's list of complaints seem trifling. The horses, she claims, are embarrassed to be seen unloading. She suggested I repaint it. Trying to get along, I pulled it down to the sandblasting guy for an estimate. He recommended against it. Apparently he was afraid it would cause structural damage. To remove that much rust would weaken the steel. Admittedly there has been some erosion where the sheet metal sides attach to the frame. This complaint was brought up by the

cows. They worried about sliding a foot through the four-inch gap that circles the trailer. I have always looked on that gap as good drainage to prevent manure buildup. I take it the boys at the sale barn agree since they've named my trailer the Valdez. The dogs only asked that they be allowed to stay in the cab of the pickup instead of shut up in the trailer when I go into the sale. That way if they see any other dogs they can duck below the dash. I thought leavin' them in the trailer would keep other dogs from peein' on the tires. But they said no self-respecting dog would even consider it.

Perhaps my daughter has her own motives. I've noticed she won't even tie her horse to the trailer at a ropin' or horse show. I offered to paint her name on the side. Give her some pride of ownership. She said "no thanks." I've always admired her modesty. Bein' a good ranch boss I'm considering their grievances but I've good reason to avoid any hasty decisions. The Valdez is perfectly suited to my pickup. It's an '89 Ford with good tires and a fully functional left side mirror. Besides, the annual registration for the trailer is only thirteen dollars.



Cale Hinrichsen, Westmoreland, left, won second place showmanship honors at the 2018 National Junior Angus Showmanship Contest, held in conjunction with the National Junior Angus Show (NJAS), July 7-13 in Madison, Wis. Also pictured presenting the silver Revere bowl is Cindy Ahearn, American Angus Auxiliary president-elect.

Photo by Pearls Pics on behalf of the American Angus Association



Judge Jim Nave selected the entry shown by McKenzie Downes as the reserve champion market lamb at the Morris County Fair.



Leading the grand champion market lamb at the Morris County Fair was Colton Bacon, shown with judge Jim Nave.

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 4,709 CATTLE & 70 HOGS.

STEERS		
300-400	\$190.00 - 205.00	12 mix
400-500	\$170.00 - 187.00	10 blk
500-600	\$160.00 - 175.00	26 mix
600-700	\$159.00 - 173.75	7 blk
700-800	\$151.00 - 166.00	13 blk
800-900	\$143.00 - 157.60	10 mix
900-1,000	\$130.00 - 154.60	20 mix
HEIFERS		
500-600	\$142.00 - 157.00	60 mix
600-700	\$141.00 - 154.00	71 mix
700-800	\$133.00 - 148.50	19 mix
800-900	\$125.00 - 140.00	17 blk

THURSDAY, AUG. 9 FEEDER SALE:		
STEERS		
2 blk	Beverly	350@205.00
5 blk	Wilsey	463@187.00
11 blk	Falun	531@175.00
8 blk	Falun	592@174.50
33 blk	Randolph	659@173.75
7 blk	Wells	599@173.50
10 mix	Wells	670@169.00
4 blk	Ada	605@167.50
6 blk	Salina	633@166.50
15 blk	Randolph	732@166.00
57 blk	Wells	732@164.10
12 blk	Lincolnvillle	676@163.75
6 blk	Durham	708@162.25
138 blk	Marion	731@161.50
8 mix	Wilsey	752@160.75
5 blk	Halstead	786@160.25
72 mix	Marion	717@160.25
118 mix	White City	771@157.85
63 mix	Minneapolis	751@157.75
21 mix	Randolph	749@157.60
66 blk	Salina	835@157.60
129 blk	Salina	839@157.25
64 mix	Wells	812@156.35
10 char	Holyrood	700@155.75
61 blk	Abilene	851@155.75
122 blk	Abilene	861@155.25
104 blk	Marion	803@155.25
59 blk	Chapman	823@154.75
110 blk	Salina	908@154.60
55 blk	Salina	902@154.50
124 mix	Hope	833@154.25
110 blk	Salina	917@154.00
4 blk	Ada	846@153.00
7 mix	Olpe	834@153.00
13 blk	Marion	826@153.00
16 mix	Enterprise	835@152.35
114 blk	Abilene	955@147.00
115 blk	Abilene	954@146.60
115 blk	Abilene	942@146.50
115 blk	Abilene	966@146.25
110 mix	Tampa	960@142.75

MONDAY, AUGUST 6 CATTLE & HOG SALE:		
HOGS		
6 fats	Tescott	286@38.00
7 fats	Clay Center	258@36.50
9 fats	Tescott	260@36.50
CALVES		
1 sow	Abilene	580@25.00
3 sows	Abilene	523@24.50
4 sows	Abilene	508@24.00
2 sows	Abilene	475@23.50
BULLS		
1 blk	Sterling	1905@93.50
1 char	Salina	1820@92.00
1 blk	Ellsworth	2075@86.00
1 blk	Lorraine	1785@85.00
1 red	Salina	2335@85.00
1 red	Halstead	2390@84.00
1 blk	Geneseo	1855@83.00
1 blk	Tescott	1690@83.00
1 blk	Ellsworth	1895@83.00
1 blk	Bennington	1830@82.50
1 blk	Minneapolis	1905@81.50
COWS		
1 blk	Peabody	1420@65.00
1 blk	Minneapolis	1590@64.00
1 bwf	Ada	1675@63.50
2 blk	Halstead	1360@63.50
3 blk	Bennington	1628@63.00
7 blk	Minneapolis	1429@63.00
1 char	Solomon	1315@62.00
2 blk	Durham	1570@62.00
1 red	Lindsborg	1685@62.00
2 blk	Marion	1153@62.00

HEIFERS		
17 blk	Solomon	583@157.00
13 blk	Randolph	557@156.00
30 blk	Randolph	645@154.00
26 mix	Hesston	681@151.50
14 blk	Wells	648@150.00
15 blk	Wells	746@148.50

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.fandrlive.com

CATTLE USA.com LIVE CATTLE AUCTIONS

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

EARLY CONSIGNMENTS FOR THURSDAY, AUGUST 16:

25 Black steers & heifers, weaned 45 days, vacc, open, homeraised, 750; 175 mostly black steers & heifers, off grass, 750-900; 100 steers, off native grass, 700-900; 75 mostly black steers & heifers, homeraised, vacc, 600-700; 65 mostly black steers, 800; 120 steers, off grass, 900-1000; 70 black steers & heifers, weaned, vacc, off grass, 550-650; 45 black heifers, longtime weaned, vacc, off grass, 700; 26 black steers & heifers, 600-700; 300 heifers, off grass, 800-900; 180 black steers, off grass, 550-850; 68 steers, off grass, 750-850; 85 black steers, 700-950; 62 steers, off grass; 36 heifers, off grass, 650-800; 22 black steers, longtime weaned, 600; 69 steers, off grass, homeraised, 750-850; 50 steers, off grass, 850; 65 mostly black steers, off grass, 825-850; 14 black steers & heifers, homeraised, longtime weaned, open, 600; 50 Red Angus steers, 2rnd vacc, 700-800; 100 steers & heifers, homeraised, longtime weaned, 650-850.

Cattle Traceability Meeting

Tuesday, August 28th @ 6:30 PM

Meal provided

- What is it?
- What does it mean?
- How do I get involved?
- Do I want to get involved?
- EVERYONE WELCOME!!

UPCOMING SALES:

- Friday October 12 - 11 AM - **F&R Futurity;**
6 PM – **Rope Horse Preview**
- Saturday, October 13 - 7:30-9:30 AM – **Limited Preview;**
10:00 AM – **Fall Classic Catalog Horse Sale**
- Sunday, October 14th
20th Annual Colt & Yearling Sale @ 10:00 AM