



“Dr. Phil of Agriculture” to headline Women in Ag Workshop

By Donna Sullivan,
Editor

“I’ve learned to apply four invaluable tools as I consult with family businesses: a box of tissues, a mirror, a roll of duct tape, and a 2x4,” Jolene Brown once wrote. Combining humor, common sense and respect for her audience, Brown helps farm families find much-needed, practical solutions to the challenges they face – whether is working together in a family business, or passing the operation down to the next generation.

Brown will be the keynote speaker at the State-wide Women in Ag Workshop on February 17 in Corning. The event is hosted by the Nemaha, Jackson and Pottawatomie county conservation districts and both women and men are welcome to attend.

Brown was born and raised on a farm and continues to work the land on her family’s corn and soybean operation in eastern Iowa when she’s not traveling the country speaking to various ag groups.

Often called “The Dr. Phil of Agriculture,” Brown’s background is in psychology and business, and it was during the farm crisis of the 1980s that she got her start as a speaker. She attended a seminar with her husband and about 500 other farmers desperately looking for hope. “Because ag in the heartland was in the midst of hurt,” she described. “Interest rates had soared beyond 20%. Land values had crashed, dropping our net worth by 67%.” Bankrupt-



Jolene Brown will discuss the issues farm families face as they balance family and business at the Women in Ag Workshop February 17 in Corning. Contrary to the name, men are also welcome and encouraged to come.

cy, suicide and even murder were words that too often became reality. The speaker at this seminar filled them with hope, but Brown realized they needed more. They needed help. So two weeks later she wrote to the speaker to thank him for the hope he had given the audience that day, but added, “What we really need is some help, because it’s so hard to separate our self-worth from our net worth.” She went on to give him three examples from his main points on how to accomplish this, and gave him her blessing to use them in future talks. “Three days later, my phone rang, and

that masterful teacher chose to become a student,” she said. After speaking with her for sixty minutes, he invited her to accompany him on the last two seminars he was doing for that company. “Two weeks later I was backstage vomiting in a trash can because I had never been in front of a large audience like that,” she recalled. “If God decides it’s your time, pushes you onto a stage and plops you in front of 500 people, you better go and give them the best that you have.”

In the three and a half decades since, she has worked with more than 400 farm families and traveled

the country sharing her message of the importance of getting the business part right as a way of honoring the family unit. “You have to be a business-first family, or at the end of the day, you will lose them both,” she said.

Her list of audiences is long and impressive, including Commodity Classic, Farm Credit Services of America, MKC, Rabo AgriFinance and Dairy Farmers of America. “I deeply respect and admire those who feed, clothe, and fuel the world,” she said. “I dedicate my work to grass-roots farmers, growers, and ranchers... as well as the

organizations, cooperatives, and companies that support agriculture.”

Brown is a writer for *Successful Farming* magazine, as well as a contributor to the farming blog, PinkTractor.com. Her books include *Holy Crap! I Married a Farmer!* and *Sometimes You Need More than a 2x4 - How-to Tips to Successfully Grow a Family Business*. She also has a workbook and two-DVD set entitled *The Top Ten Mistakes That Break Up a Family Business*.

In 2017 she was inducted into the prestigious CPAE Speaker Hall of Fame, which has only

237 members worldwide including U.S. President Ronald Reagan, Dr. Norman Vincent Peal and General Colin Powell.

Brown’s two presentations for the day, “Who’s Hiding the Humor” and “If We Huff and Puff, Will We Blow Your House Down?” mix humor, experience and insight as she delves into the tough issues farm families face. “We need people with grit, which is only built in tough times,” she believes. But surviving those tough times is a challenge, and her goal is to give the audience practical, valuable advice to help them through. “They will be leaving with tools to take home to help them honor their families by doing the business right,” she said. She says she wants to help people build an internal bank account for when the external one is depleted.

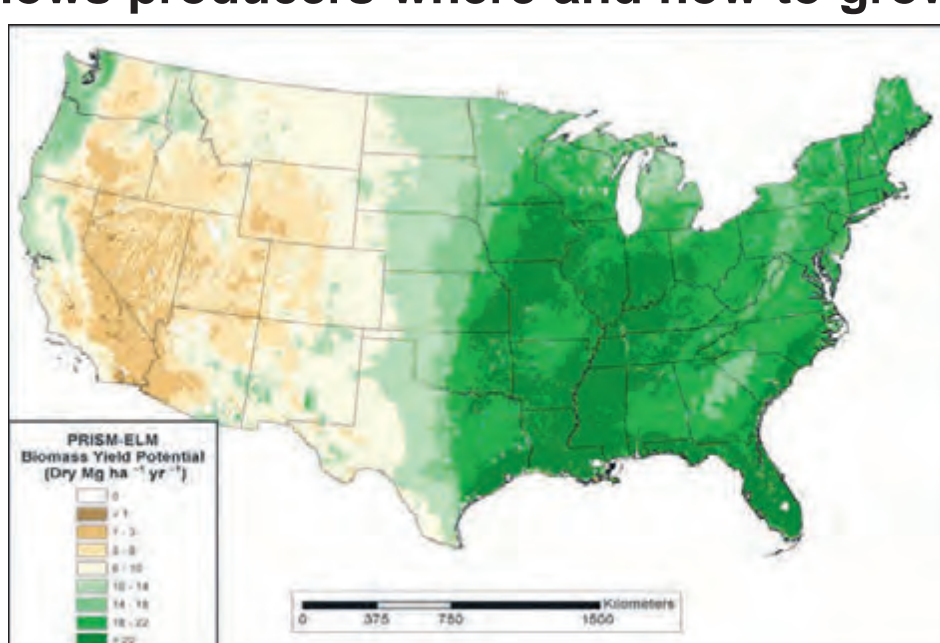
“There’s something magic that happens when we gather,” she reflected. “These women are the sisters in my heart. I want them to feel celebrated, appreciated and empowered to do something with what they’ve learned.”

Also speaking at the event will be Marcia Conley, Cindy Williams, Monica Becker, Lucinda Stuenkel and K-State’s Mykel Taylor. Seating is limited, so registration is requested by calling the Nemaha County Conservation District at 785-336-2186, ext. 110 or online at TINYURL.COM/NEMAHA2018. Sponsors include Heinen Brothers Agra Services and Nemaha County Co-op.

New study shows producers where and how to grow cellulosic biofuel crops

According to a recent ruling by the United States Environmental Protection Agency, 288 million gallons of cellulosic biofuel must be blended into the U.S. gasoline supply in 2018. Although this figure is down slightly from last year, the industry is still growing at a modest pace. However, until now, producers have had to rely on incomplete information and unrealistic, small-scale studies in guiding their decisions about which feedstocks to grow, and where. A new multi-institution report provides practical agronomic data for five cellulosic feedstocks, which could improve adoption and increase production across the country.

“Early yield estimates were based on data from small research plots, but they weren’t realistic. Our main goal with this project was to determine whether



these species could be viable crops when grown on the farm scale,” says D.K. Lee, associate professor in the Department of Crop Sciences at the University of Illinois and leader of the prairie mixture portion of the study.

The project, backed by the U.S. Department of Energy and the Sun Grant Initiative, began in 2008 and includes researchers from 26 institutions. Together, they evaluated the bioenergy potential of switchgrass, Miscanthus, sorghum, energycane, and prairie mixtures in long-term trials spanning a wide geographical area. Due to shortages in plant materials, Miscanthus and energycane were grown on smaller plots than the other crops, but researchers say the new results are still valuable for producers.

“Although making real-world decisions and recommendations based on performance data from small plots is less desirable than from field-scale plots, we feel comfortable with the Miscanthus results

since they were based on 33 data sets collected from five sites over seven years,” says Tom Voigt, professor in the crop sciences department at U of I and leader of the Miscanthus portion of the study.

Crops were grown for five to seven years in multiple locations and with varying levels of nitrogen fertilizer. Although most of the crops are known to tolerate poor soil quality, the researchers found that they all benefitted from at least some nitrogen. For example, Miscanthus did best with an application of 53.5 pounds per acre.

“When we didn’t fertilize with any nitrogen, yields dropped over time. But if we used too much, 107 pounds per acre, we were increasing nitrous oxide emissions and nitrate leaching,” says Voigt. “There is some need for fertilization, but it should be tailored to specific locations.”

Prairie mixtures, which were grown on land enrolled in the Conservation

Reserve Program (CRP), also benefitted from added nitrogen. Yield kept increasing with the addition of up to 100 pounds per acre, but Lee says producers would have to weigh the yield benefit against the cost of the fertilizer.

“Even though it increased yield, it is economically not profitable to use more than 50 pounds of nitrogen per acre.”

And although most of the crops are somewhat drought-tolerant, precipitation made a difference.

“Miscanthus production was directly related to precipitation,” Voigt says. “In areas where precipitation was down, yields generally dropped. However, it did depend on timing. If there was a good amount of water in the winter, plants could get going pretty well in the spring. But if we had little rainfall after that, that hurt yields.”

Lee says prairie mixtures, which are normally made up of hardy grasses, suffered from the severe droughts in 2012 and 2013

in some locations. “In one year in our Oklahoma location, they didn’t even try to harvest. Yield was too low.”

No one feedstock “won” across the board. “It depends so much on location, nitrogen application rate, and year variability,” Voigt says. Instead of highlighting specific yields obtained in good years or locations, a group of statisticians within the research team used field-based yield and environmental data to create maps of yield potential for the five crops across the U.S. Dark green swaths on the maps represent areas of highest yield potential, between eight and ten tons per acre per year.

According to the new results, the greatest yield potentials for lowland switchgrass varieties are in the lower Mississippi valley and the Gulf Coast states, whereas Miscanthus and prairie mixture yields are likely to be greatest in the upper Midwest.

Lee says the prairie mixtures, which are typically grown on CRP land to conserve soil, didn’t live up to their potential in the study. “We know that there are higher-yielding switchgrass varieties today that were included in the CRP mixtures in the study. If we really want to use CRP for biomass production, we need to plant highly productive species. That will bump yield up a lot higher.”

“One of the biggest concerns now is that CRP enrollment is shrinking. When we started, we had 36 million acres nationwide. Now we’re down to 26 million. Farmers feel they could make more money by using that land for row crops. We need to find some solution

if we want to save the soil. Biomass could provide revenue for farmers, if they were allowed to harvest it,” Lee says.


Energycane could reach very high yields, but in a relatively limited portion of the country. However, the crop that shows the highest potential yields in the greatest number of locations is sorghum. The annual crop is highly adaptable to various conditions and might be easier for farmers to work with.

“It fits well in the traditional annual row-crop system; better than perennial crops. It may not be environmentally as desirable as perennial crops, but people could borrow money in winter to buy seed and supplies, then plant, and sell in the fall to pay back their loans. It’s the annual cycle that corn and beans are in,” Voigt says.

Lee adds, “In terms of management, sorghum is almost the same as corn. It germinates and grows so quickly, weed control is not a big issue. If you plant by early June, it will be 15-20 feet tall by September. It also has good drought tolerance.”

Downsides to the biomass champ? It’s wet at harvest and can’t be stored. It also requires nitrogen and can lodge, or collapse, prior to harvest in wet or windy conditions. “Still, it’s a really spectacular plant,” Voigt says.

The researchers made all the raw data from the study available online for anyone to access. Lee says it can be useful for everyone: scientists, policymakers, and producers. “It should be helpful for number of different stakeholders,” he says.



KANSAS FARM BUREAU

The Voice of Agriculture

Prepare for Winter Driving

By John Schlageck, Kansas Farm Bureau

When I think about the perils associated with winter travel, I think about my dad's simple, but sound advice, "Stay off the roads."

Dad lived by this creed for more than 70 years in northwestern Kansas. He'd seen his share of blowing and drifting snow. When he talked about western Kansas blizzards, the years of '31 and '57 come to mind.

The '31 blizzard hit on April Fool's Day and killed hundreds of cattle, Dad said. One of his neighbors lost 80 head of cat-

tle in a pasture less than a mile west of the small community of Seguin in Sheridan County.

When I was a youngster, I experienced the blizzard of '57. Snow drifted as high as the roof on my friend Vernon Rietcheck's two-story home. We sled-ded down the drifts and played in the snow all day.

Our parents weren't so lucky. There were roads to open and cattle to feed and water. Our homes were without electricity for five days.

My father and those hearty souls who lived on the High Plains learned from these storms. They

learned to travel only when necessary – to feed, water and care for livestock.

They rarely traveled anywhere in their pickups without several pairs of gloves, a scoop shovel, a log chain as well as chains for the rear tires. Four-wheel drive vehicles were uncommon in those days.

Dad always wore a cap with ear protection and carried a couple extra on the front seat of his pickup in the winter. The trunk of our car also had extras. He knew a person couldn't last long outside in freezing weather with all your body heat escaping through the top of a bare head.

If we traveled anywhere during the winter months, the trunk of the family car was always packed with extra warm clothes, blankets, overalls, gloves, a flashlight, fresh

batteries, chains and a shovel to clear the snow from in front or back of the tires.

Dad had been stuck in snow many times. He'd heard of, and known of a neighbor who was stranded and froze to death in one of the fierce northwestern Kansas blizzards. Before every winter season began, and often throughout, he'd remind us of these stories.

My father always topped off his fuel tanks for winter travel as well. He believed a full tank provided extra weight on the rear wheels.

"Besides, it runs better on the top half (of the tank)," he always said.

Although Dad never carried sand bags in the back of his car or trucks, he did carry extra weight during the winter. He always lugged around tractor tire weights while

some of his neighbors preferred sand and sprinkled the gritty stuff in front of their tires for extra traction in snow and ice.

If someone absolutely had to go out during a winter storm, Dad preached extra time and patience.

"If you're frightened or overly concerned about weather conditions – don't drive," he'd always say. "Wait the storm out."

Dad's advice was sound then and it's sound today. Remember, it takes a while to find your "driving legs" each new winter season, he'd say.

Relax. Sit back in the seat. From time to time take deep breaths. Don't grip the wheel until your knuckles turn white.

Try to anticipate what other drivers intend to do. At the same time, keep an eye on them as well.

Let them speed, spin, slip and slide. Allow at

least twice as long to reach your destination. Concentrate on the road ahead, behind and on your right and left.

While driving during hazardous weather brings out the worst in some drivers, it can also bring out the best in others. Some welcome the chance to brave the elements. To drive safely under such conditions can provide a feeling of satisfaction and accomplishment.

Drive safely and know your limitations. Remember, if you must take a chance that could result in an accident or worse, "Stay off the road."

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.

Tax law gives unexpected break to farmers who sell to co-ops

(AP) – Key senators and farm groups are trying to fix a provision in the federal tax overhaul that gave an unexpected tax break to farmers who sell their crops to cooperatives rather than regular companies.

Lawmakers say they didn't intend to give a competitive advantage to co-ops. But it's not clear they can rework the legislation given the partisan divide on Capitol Hill. That means many companies – from local grain companies to agribusiness giants such as Cargill and ADM – could wind up paying more for crops than co-ops.

The provision from GOP Sens. John Thune of South Dakota and John Hoeven of North Dakota surfaced in the final days of the debate over the tax bill, which President Donald Trump signed last

month. Thune and Hoeven wanted to replace a deduction that benefited co-ops in the old law, which was being dropped, and they wanted to make sure farmers didn't wind up with a tax increase.

But the final language went further than maintaining the status quo.

"I think at the end of the day what it boiled down to is the staff didn't know what they were doing... They rushed this thing through," said U.S. Rep. Collin Peterson of Minnesota, the ranking Democrat on the House Agriculture Committee.

Agricultural co-ops are typically owned by farmers, and they provide their members with help with marketing crops, purchasing supplies and various other services. They range from small and local co-ops to big, nationwide ones

such as Land O' Lakes and Sunkist Growers.

The new provision lets farmers deduct 20 percent of their gross sales to co-ops, but only 20 percent of their net income if they sell to other companies. The difference is big enough that farmers who sell to co-ops could entirely eliminate their tax bills.

"If it stands the way it is, you're going to see a dramatic change in who farmers sell their product to," said Paul Neiffer, a partner with CliftonLarsonAllen, a national accounting firm with clients on both sides.

Farmers who do sell to regular companies may be able to command higher prices to help make up for the lower tax break.

Kristine Tidgren, assistant director of the Center for Agricultural Law and Taxation at Iowa State

University, calculated that a farmer with \$300,000 in income from grain sales to a regular company and \$180,000 in expenses would have \$86,400 in taxable income for the year. If that same producer sells to a co-op, she said, the farmer would have just \$48,000 in taxable income.

"It's a huge difference. We've tried to tell everyone to hold on and see what happens before you make any major changes to your business," she said.

Hoeven's chief of staff, Ryan Bernstein, said the senators didn't intend to give a competitive advantage to co-ops and their farmer-patrons. They've been working with the National Grain and Feed Association, the National Council of Farmer Cooperatives and other parties to find a quick solution, he said.

Greg Ibach, undersecretary at the U.S. Department of Agriculture, said the tax code shouldn't "pick winners and losers" and the agency expects a correction.

The new tax break has at least one defender, the North Dakota Farmers Union. The group's president, Mark Watne, said efforts to change it "may not be in the best interest of farmers or the viability of cooperatives."

Spokespeople for Thune and Sen. Pat Roberts of Kansas, chairman of the Senate Agriculture Committee, said they're supporting efforts to fix the provision.

Randy Gordon, president of the National Grain and Feed Association, which represents co-ops as well as regular companies, said there's been progress. He said in a newsletter

that all sides have held several meetings and conference calls to explore alternatives.

Minnesota-based Land O' Lakes, the country's third-largest agricultural co-op, and Illinois-based ADM both said they look forward to a fix.

But it won't be simple. Bernstein said Hoeven and Thune are looking at attaching it to must-pass legislation, likely a big spending bill expected to come up late next month. That assumes that everyone agrees on a solution by then.

Even a must-pass bill likely would require 60 votes to pass the Senate, which would require some support from Democrats.

"All it's going to take is a couple Democrats in the Senate to derail the whole thing... I'm willing to help, but it looks like a long shot to me," Peterson said.



We are deep into the funk and the haze of lambing season. We have been going at it for over a month now and let me assure you that the fun has worn off and the zombie state has taken over. This morning I fell asleep drinking my mid-morning cup of coffee. So much for caffeine helping you stay awake. I swear each morning as I go out to check the ewes I meet myself coming back in.

Don't get me wrong, I understand I signed up for this and no one (especially among my so-called friends) is going to feel sorry for me. I am sure that in a month or two I will look back and realize it really wasn't that bad, but it sure doesn't feel that way right now. You see lambing season is bad enough, but I am just getting over the crud.

Let's set some background information here, I never get sick and if I do it is rarely that bad. That is why in the past I have poo-pooed getting a flu shot in the fall. Dad does every year, as does Jennifer, and both have been on my case to get one, too. It is not that I have never gotten one, I got one back in 2001 or 2002 and it did me no good. Or at least that is what I had told myself. I went through all that trouble, got a stick in the arm and no flu.

It's not that I am opposed to getting a flu shot, I am not one of those anti-vaccination people. In fact, I am quite the opposite, my kids got every vaccination they could get. We were at the doctor's office and if it protected them, why not? No, for me it is a matter of time. I simply do not have time to put down everything and go get a flu shot. Well, that and I am a guy. Did I mention the fact that I don't have a doctor? My old doctor moved five, maybe ten years ago, and I haven't had the need to see one yet.

In any case, last Thursday I started feeling a tickle in my throat. Nothing to be alarmed about, but the longer the day went the more my nose got stuffed up. It was just a little cold, nothing I couldn't power through. The next morning, I woke up and my head was plugged up, but I also felt tired and achy. Alarms were starting to go off in my head. I mentioned this to Dad and he said some-

thing about feeling good and getting a flu shot. He thought maybe the two went together.

As the day dragged on, so did I. Each task got just a little bit harder. I swore my boots and coveralls must have weighed about eighty pounds each; every step was a major task. I know my coveralls are already bad, but they had not yet reached the point where they really did weigh a lot yet. The final moment that clinched it all for me was when I was sitting in front of my bale pile, contemplating the fact that I needed to load three small square bales of brome hay and not knowing if I could do it. That was the moment I called Dad and admitted that I was sick.

Somehow he had suspected that and was already finishing chores at his place. He then came over and finished mine too as I coughed, wheezed and staggered along explaining that I really wasn't that sick. The next day was Saturday and Jennifer was home to help. Over and over it was pointed out to me that two of the three of us had gotten the flu shot and two of the three of us were healthy enough to be of some help. I shrugged it off as a coincidence.

Sunday rolled around, and I finally started to feel like I might make it. Only a few of the joints in my body ached, I could go a few minutes without coughing and I had enough energy to walk from the house to the barn without resting. I was making progress. Things were looking up, but I was still pretty worn out by the end of the day. This flu stuff was for the birds (oh no, maybe I had the bird flu).

Monday rolled around, and I was pretty much normal, or at least as normal as I get. That morning Jennifer asked me if I had learned my lesson, was I going to do anything else different next year? What else would I want to do different? I am healthy as an ox, I don't need a flu shot. Things like that take time and I don't have time to give away. After all I am already three days behind from this past weekend and another couple of hours for the shot would put me further behind. That logic left her speechless.



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America at the intersection of hope and doubt – a politician's perspective on the 1980s farm crisis

By Tom Parker

In February of 1979, thousands of disgruntled farmers flooded the streets of Washington D.C. with an estimated 900 tractors and hundreds of support vehicles. The uniquely American protest was organized by the American Agriculture Movement, whose members felt that government and industry leaders were out of touch with the needs of farmers, and that crop prices should reflect production costs. Though their demands for 100 percent parity were not shared by many members of Congress, Senator Nancy Kassebaum Baker, a newly elected senator from Kansas who opposed full parity while empathizing with their concerns, met with them on the National Mall to try to find common ground.

In a photograph taken at the time, Baker is all but invisible in the crowd, a small, slender woman surrounded by hundreds of burly farmers.

"It was a strong issue, and nothing was harder than to see friends dying off and losing their farms," she said. "Nothing made more of an impression on me than watching the tractorcade come to Washington. It was monumental, a showing of what was really tearing at the heart of agriculture at the time. There was a lot of despair, and many were fighting back. The tractorcade symbolized true grit."

It also illustrated the emotional and psychological inconsistencies within the ranks of the protestors over what should be expected from the protest. On the one hand they felt that a show of force could be the catalyst for political change, and on the other hand they had doubts about Congress's willingness to act on their behalf.

They had made the long, slow journey to Washington, D.C., only to find themselves at a different destination altogether, and one reflected in a speech Baker presented in 1996 before retiring from the U.S. Senate. "America," she said, "has always lived at the intersection where hope meets doubt."

Baker's retrospective of the farm crisis, "Thoughts and reflections on the farm

crisis of the 1980s, and how we came through it," was presented during the Kansas Farmers Union 2017 convention held in Emporia on Dec. 1-2. The convention's theme, "Bridges," focused on building rapport with others who hold different viewpoints and the necessity of finding common ground, both traits that are as important now as they were back in the 1980s, Baker said. The session was moderated by Nick Levendofsky, former Kansas Farmers Union vice president and currently government relations associate with the Wisconsin Farmers Union.

Baker, the daughter of Alf Landon, who served as Kansas governor from 1933 to 1937, and the widow of former senator and diplomat Howard Baker, represented Kansas in the U.S. Senate from 1978 to 1997. As a woman, she is noted for several landmarks in national and state politics. She was the first woman ever elected to a full term in the U.S. Senate without her husband having previously served in Congress; the first woman to represent Kansas in the U.S. Senate; and the second woman elected to a U.S. Senate seat without it first being held by her husband or appointed to complete a deceased husband's terms. She is currently an Advisory Board member for the Partnership for a Secure America, and a member of the ReFormers Caucus of Issue One.

After reminding Baker of her speech, Levendofsky read its conclusion. "The anxiety we are experiencing is not new. As we address today's problems and clear our path to tomorrow, we would be wise to seek advice from yesterday."

"It sounded like a key theme for where we are today in America," he said.

Baker agreed. Rural communities are still dwindling, rural counties are still emptying, farmers are still struggling, and generational succession on family farms is still dying off. In her own family with seven grandchildren, she said, she doubts any will return to take over operations.

Addressing the underlying problems will have to

rely on different approaches, she added, and that former solutions might not be applicable.

"The ag economy is suffering again today, and how it's addressed will have to be different," she said. "No one would have tractorcades to Washington now, there wouldn't be enough. We need to think of the future and try to see where we're going. What I see is important to the future is being able to communicate better within our communities, and that's not easy because we all have different views."

People must be dedicated to their communities, they must be vocal, and they must act, she said. And, to some extent, the solution lies in political action.

"That's where some of the answers lie, and it starts at the local level," Baker said. "We need local and state and federal. We need to be willing to talk and to discuss difficult things. And we have to be honest about where they balance out. It's vital to how we move forward."

The idea of balance in today's political forum is something of an oxymoron, and Baker is deeply troubled by what she sees as a lack of respect for the institutions of government, especially the executive, legislative and judicial branches. Our dedication to the importance of the independence of those three institutions has eroded, she said, and we're losing sight of how vital they are to our democratic form of government.

Regulations and bills are ramrodded through without oversight hearings or debate. The Republican tax bill was a prime example of that, she said. When Baker served under President Ronald Reagan, the tax bill was debated for months. The current tax bill was thrown together in record time with minimal debate and without participation from the Democrats. Now, after reading everything she can find about the new tax bill, she doesn't have a clue what's in it and she doubts anyone else does, either.

The idea of making adjustments to the tax bill after it's been passed doesn't sit well with her,

either. "That's not the way it should be," she said. "And if President Trump gets up and explains how glorious this is, and how this is the only time we have to pass this wonderful tax break for all people, then let's see his tax returns."

President Eisenhower's farewell speech had much to say about balance, Baker said, and she believes his words are as applicable today as they were then. The temptation to meet crises through costly actions, unrealistic programs promising to cure every ill and dramatic expansions in research and technology need to be weighed by the need to maintain balance in and among national programs, Eisenhower said. Good judgment seeks balance and progress, and the lack of it eventually finds imbalance and frustration.

Levendofsky was reminded of another speech she had made where she offered a proposal of informed democracy in action. "It is not enough that we watch the evening news, read a newspaper, that we pay our taxes and vote," Baker had said. "Our duties as citizens go beyond that – to know what decisions are before our communities and our state, and to take part in shaping them."

America finds itself once again at the intersection where hope meets doubt, and the political aspects aren't encouraging. Solutions must come from the people, Baker said. What we say now, what we do now, will be of upmost importance in how we shape our future.

The convention was sponsored by Midwest Regional Agency, Farmers Union Insurance and Frontier Farm Credit. Kansas Farmers Union is the state's oldest active general farm organization working to protect and enhance the economic interests and quality of life for family farmers, ranchers and rural communities.

Regional Ranch Management and Profitability meeting to be held in north central Kansas

By Barrett Simon, Livestock Production Agent, Post Rock Extension District

Set your calendars for an exciting educational opportunity regarding management and profitability strategies for cattlemen and women. K-State Research and Extension will bring state beef specialists to north central Kansas to discuss several pertinent topics. The Post Rock Extension District will host the event, along with its partners River Valley, Midway, and Central Kansas Districts.

The program, titled "Corrals, Calcium, Cost, and Cows: Management and Profit Strategies for 2018" will include a series by Dr. Justin Waggoner on updating facilities for more effective use, with emphasis on the bud box processing system as well as Dr. Bob Weaber presenting his always-valuable take on selecting replacement heifers to boost cow herd efficiency. Mineral supplementation, presented by Dr. Jaymelynn Farney, and cost and profit benchmarking, by Dr. Sandy Johnson, are also on the agenda. This will be a producer-friendly event where attendees will have an opportunity to drive the conversation in what we hope is a thought-provoking Q&A session to conclude the meeting.

Join us on Tuesday, February 6th at the NCK Tech College in Beloit. Registration will begin at 5:30 p.m. with a meal and program to follow at 6:00. Cost to attend the meeting is \$5; registrations can be mailed to Post Rock Extension District, 307 N. Commercial, Mankato, KS 66956 or completed online at www.postrock.ksu.edu. We ask that all registrations are completed by Friday, February 2nd to ensure an accurate meal count. A special "thank you" to our meal sponsors Guaranty State Bank of Beloit and American Ag Credit of Salina for helping make this event possible.

Further questions can be directed to Barrett Simon by contacting (785) 378-3174 or emailing barrett8@ksu.edu or by reaching out to your local Extension office. We look forward to seeing you February 6th, 2018.

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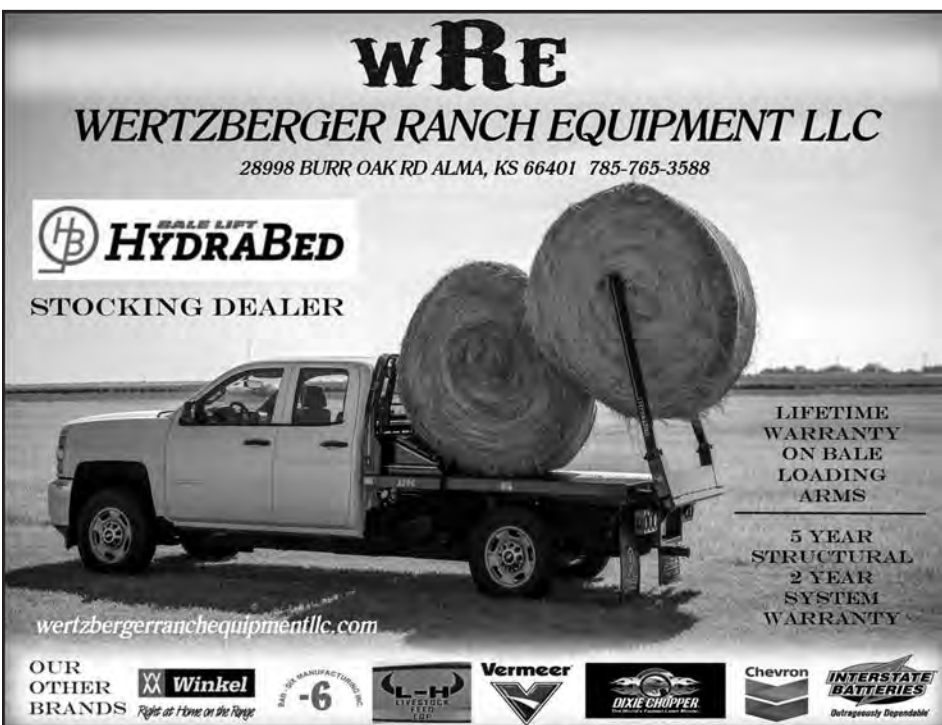
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GRASS & GRAIN

Our Daily Bread

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

Gin Fox, Holton, Wins Weekly Recipe Contest In Grass & Grain

Winner Gin Fox, Holton: “We like pizza crust better. And when i roll it out, I sprinkle a little cornmeal on board.”

SCOMBELI BREAD
2 loaves frozen bread dough, thawed (or use pizza crust, store-bought or homemade)
2 eggs

1/2 teaspoon oregano
1/2 teaspoon parsley
1/2 teaspoon garlic powder
1/2 cup oil
10 small round slices pepperoni
1 lb. Italian sausage, browned, drained well
1/2 lb. ham, shredded
1/2 lb. mozzarella cheese, grated

Roll out thawed bread dough on floured board to about 10 by 12 inches. Mix eggs, spices and oil. Spread on both loaves, reserving a small amount. Layer pepperoni, sausage, ham and cheese on dough. Roll up loaves, long side, jelly roll style. Tuck in ends. Put seam side down on cookie sheet. Brush remaining egg mixture on top of loaves. Bake at 350 degrees for 25- 30 minutes.

NOTE All meat ingredients are optional; substitute meats to your taste.

Millie Conger, Tecumseh:
BLACKBERRY PANCAKE OR WAFFLE SYRUP
1 cup blackberries
1/2 cup plus 2 tablespoons freshly squeezed orange juice
1/4 cup honey
1 tablespoon cornstarch
Stir together blackberries, 1/2 cup orange juice and the honey in a saucepan; bring to a boil over medium heat.

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

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

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



Reduce heat and simmer uncovered until blackberries break down, about 10 minutes. Strain out solids and return to saucepan. Mix together cornstarch and remaining 2 tablespoons orange juice in a small bowl. Stir in a few drops of blackberry mixture then pour into saucepan. Heat over medium heat stirring until thick and syrupy about 2 minutes.

Rose Edwards, Stillwater, Oklahoma:

NO PEEK BEEF
2 pounds stew meat, 1-inch pieces
1 package onion soup mix
1 can cream of mushroom soup
4-ounce can sliced mushrooms (optional)
1/2 cup red wine
Rice or chow mein noodles

Place meat in crockpot. Mix onion soup mix, cream of mushroom soup, mushrooms and wine together. Pour over meat. Cook on low 8-10 hours or high for 5-6. Serve over rice or noodles.

Kellee George, Lawrence:

GOOEY BUTTER BARS
Layer 1:
1 cake mix (any flavor)
1 egg

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Three Tips for Cooking Up a Healthy New Year

(Family Features) After a holiday season filled with indulgent food and limited time for exercise, there's no time like the New Year to adopt some new, healthy habits.

These additional tips can help you get a healthy start to the New Year:

Change up your routine. Start by making a few lifestyle changes, such as maintaining a healthier diet or increasing your exercise regimen. Maybe you'd like to shed a few pounds or tone up before the weather gets warmer. Changing up your eating (and drinking) habits can be the first step on the path to success.

Start at the tap. Make sure your healthy eating habits include cooking with the best-tasting water possible. You may be surprised to know that the water coming from your faucet may contain unwanted contaminants such as lead and mercury. That means you could be washing your fruits and vegetables or making soups and smoothies with water that contains impurities. Contrary to what some people may think, boiling water does not completely remove certain contaminants like lead from water.

“Drinking water daily is an important component to staying healthy, as water keeps you hydrated, aids in digestion and transports vitamins and other nutrients. I prefer drinking filtered water to make sure I avoid potentially unwanted contaminants,” said Keri Glassman, a registered dietitian, nutritionist and PUR spokesperson. “I recommend installing a faucet filtration system that won't break the bank, such as the PUR Advanced Faucet Filtration System, for a superior, on-demand solution for clean, healthy and great-tasting water right from the tap.”

Visit PUR.com to learn more about superior faucet filtration systems and how to get cleaner, better-tasting water.

Create healthy, hearty

recipes. There are plenty of delicious and nutritious recipes that can help fuel your body all year long. For example, this hearty soup is full of tasty, powerful ingredients like protein-rich chicken sausage; nutrient-dense kale and butternut squash, which are excellent sources of fiber; plus vitamins and minerals. Garlic, onions and cloves add a kick of antioxidants and flavor.

White Bean Soup with Spicy Chorizo
Recipe courtesy of Keri Glassman
Cook time: 30 minutes
* Servings: 1

4 cups kale, chopped
1 medium butternut squash, peeled & cut into 1/2-inch pieces
1 can (14 ounces) cannellini beans, drained
2 cups PUR filtered water, plus additional for rinsing
2 tablespoons olive oil
1 medium onion, chopped
2 garlic cloves, minced
2 links precooked chicken sausage, diced
3 1/2 cups low-sodium chicken broth
Salt to taste
Freshly ground black pepper, to taste

Rinse kale, squash and cannellini beans in filtered water. Set aside.

In pot over medium heat, heat oil. Add onion and garlic, stirring frequently until softened, about 5 minutes. Add sausage and saute 2 minutes, or until warmed through and slightly browned.

Add squash, kale, broth and 2 cups filtered water. Cook, partially covered, 15-20 minutes, or until squash is softened.

Reduce heat to low. Add beans and gently simmer uncovered 3 minutes. Season with salt and freshly ground black pepper, to taste, before serving.

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By Ashleigh Krispense
This cake has turned out to be a favorite at our house! Partly because of the warm chocolate cake, partly because of the extra chocolate “lava” there seems to be spewing out from it! Inspired from the original rec-

ipe on Betty Crocker’s website, you’ll want to give this a try!

Chocolate Lava Crock-pot Cake

You’ll need:

- 1 box chocolate cake mix
- 1 1/4 cups milk
- 1/2 cup vegetable oil
- 3 eggs
- Lava Topping:
- 1 box (4-serving size) instant chocolate pudding mix
- 1 to 1 1/2 cups milk
- 2 cups (12 ounces) semi-sweet chocolate chips
- Start by spraying a 5-

or 6-quart slow cooker with non-stick cooking spray.

In a large bowl, beat together the chocolate cake mix, milk, vegetable oil, and eggs. Pour into the slow cooker.



Using the same bowl (so you dirty less dishes!), whisk together the

pudding mix and milk.

Pour over the chocolate cake batter in the slow cooker and do NOT stir! Sprinkle the chocolate chips over all of it and cook on low for 2 to 2 1/2 hours or until



cake is set up and pudding is bubbly.



A good way to check is to watch the edges of the cake. It will look baked and be pulling away from the sides of the slow cooker.

Serve right away with a dollop of whipped cream or ice cream. Enjoy!

Ashleigh is a freelance writer and blogger

for her website, *Prairie Gal Cookin’* (www.prairiegalcookin.com). She shares everything from step-by-step recipes to local history, stories, and photography from out on the farm in Kansas. Follow PGC online or like it on Facebook for more recipes and ramblings!



Show Off Your Sweet Side This Valentine's Day

(Family Features)
Treat family, friends and co-workers to something they will all love this Valentine’s Day by making easy and impressive cookies. Start with your favorite roll-out cookie recipe or simply dress up store-bought ones by adding some simple details with icing.

From the cupids at Wilton, here are three ways to leave them smitten with sweets this Valentine’s Day:

• **Desserts with dimension.** Triple your treats by stacking three decorated cookies in different sizes together and attach them with icing.

• **Complement with color.** A simple piping technique looks stunning when piped in different colors on your cookies.

• **Get to gifting.** Wrap your finished treats in a Valentine’s Day treat bag or box.

For more fun and delicious Valentine’s Day recipes, baking tips and inspiration, visit www.wilton.com.

STACKABLE OMBRE HEART COOKIES

Each stacked cookie serves 1.
Favorite roll-out cookie recipe

Royal icing (recipe on wilton.com or see below)

Rose Icing Color
Heart Micro Mini Icing
Decorations



Prepare and roll out cookie dough following recipe directions. Use 3 smallest cutters from 4-piece heart nesting cookie cutter set to cut out shapes. Bake and cool cookies.

Prepare and divide royal icing into three equal portions, and tint 3 shades of rose. Thin a portion of each shade following recipe directions. Use tip 3 and full-strength tinted icing to outline cookies. Use thinned tinted icing in cut decorating bag to fill in cookies; gently tap to smooth icing. Let dry overnight.

Use icing to attach cookies, stacking largest to smallest; place icing decoration on top.

Royal Icing:
3 tablespoons meringue powder
4 cups (about 1 pound) confectioner’s sugar
5 tablespoons warm water

Beat all ingredients together until icing forms peaks (7-10 minutes at low speed with a heavy-duty mixer, 10-12 minutes at high speed with a hand-held mixer).

Helpful Hints:

Keep all utensils completely grease-free for proper icing consistency.**For stiff icing:** Use 1 tablespoon less water. When using large countertop mixer or for stiffer icing, use 1 tablespoon less water.

For thin icing: To thin for pouring, add 1 teaspoon water per cup of royal icing. Use

grease-free spoon or spatula to stir slowly. Add 1/2 teaspoon water at a time until you reach proper consistency.

SCALLOPED HEART COOKIES

Each cookie serves 1.
Favorite roll-out cookie recipe
Ready-To-Use White Creamy Decorator Icing

Icing Colors: Burgundy, Red-Red and Christmas Red

Prepare and roll out dough following recipe directions. Use largest cutter from the 4-piece heart nesting cookie cutter set to cut out



shape. Bake and cool cookies.

Divide icing into four equal portions. Tint one of each portion light burgundy, dark burgundy and combination of red-

red/Christmas red. Reserve last portion white.

Starting from top edge of heart, use tip 102 and icing in dark burgundy, light burgundy, red and white to pipe V-shaped groups of two petals, one piped from left and one from right, to create row of petals in alternating colors. Repeat with second row between petals in first row. Continue to repeat pattern until cookies are covered.

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Key Note Speaker Jolene Brown

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Both Men & Women are welcome to attend!

Other speakers include:
Marcia Couley,
Clody Williams,
Monica Becker,
Larinda Strunkel,
& Mykel Taylor

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K-State Sorghum Schools scheduled for early February

A series of three K-State Sorghum Production Schools will be offered in early February 2018 to provide in-depth training targeted for sorghum producers and key stakeholders. The schools will be held at three locations around the state.

The one-day schools will cover a number of issues facing sorghum growers: weed control strate-

gies; production practices; nutrient fertility; and insect and disease management.

Feb. 8th – Washington – FNB Washington 101 C Street, Box 215

RSVP to Tyler Husa, River Valley District, thusa@ksu.edu, 785-243-8185

Or online registration is available at: K-State Sorghum Schools

More information on the final program for each Sorghum School will be provided in future issues of the Agronomy eUpdate.

Lunch will be provided courtesy of Kansas Grain Sorghum Commission. There is no cost to attend, but participants are asked to pre-register by Jan. 31.

You can also pre-register by emailing or calling the nearest local Research and Extension office for the location you plan to attend.

Ignacio Ciampitti, Cropping Systems Specialist, ciampitti@ksu.edu

Pat Damman, Kansas Grain Sorghum Commission, pat@ksgrainsorghum.org

The Gift of the Gods

The wild horse of the late ice age, although much smaller than its modern ancestors, grazed in sizeable herds over the land that we know as modern Kansas. Although dwarfed by the massive bison, the little horse shared the prairie grasses with the “big shaggy,” whose horns spread as much as six feet from tip to tip. The horse is believed to have had its origins on this continent. Over millennia horses dispersed from this continent

to Eurasia.

As the earth warmed, the receding ice age brought dramatic climatic changes to the Smoky Hill country. Near idyllic conditions gave way to violent winters. The winds of cold winter storms carried great volumes of dust. A twentieth century quarry near Canadian, Texas, revealed herds of bison crowded together in refuge, only to be suffocated and frozen in the tremendous storm.

Across the globe sudden climatic change devastated the known world. The mastodon and mammoth, the ancient bison, the horse, and the ground sloth all vanished from the North American continent. Fortunately, horses had flourished and survived beyond the Bering land bridge.

Men hunted horses for meat just as they hunted other wild animals. Somewhere in the mist of time, four to five thousand years ago horses were domesticated. Imagine when man first experienced the majestic power of rippling muscles, flaring nostrils and flashing eyes, his own heart surging as mane and tail swirled effortlessly in the wind. No wonder horsemen down through the ages viewed themselves as superior to men bound to the ground. Riding a horse was man’s first experience to the sensation of flying!

Horses influenced human history, changing societies as they contribut-

ed to hunting, transportation, communication, and warfare. Empires were built upon horse culture.

In 1493 Christopher Columbus brought horses to the Virgin Islands. Fortunately, the Andalusian horses of Spain were renowned for strength, stamina, and elegance. The legendary horse helped spread Spanish culture across the new world beginning in 1519 with Spanish Conquistador Hernán Cortés. With the advantage of sixteen Spanish horses Cortés was able to conquer the Aztec Empire of mainland Mexico.

In 1541 Francisco Vasquez de Coronado mounted and expedition into unknown lands north of the Rio Grande River. Many historians believed that Coronado’s expedition seeded the prairies with horses that strayed, establishing the wild horse herds. However, Conquistadors were required to ride only stallions. Out of twelve hundred horses required for the expedition only two were mares. None were lost or strayed. Only thirty mounted men made the extended expedition from New Mexico to Kansas. Coronado’s horses were not the foundation for the wild mustangs of the prairie, but they were the first to be seen by the native people on the plains.

When the Conquistadors found a village of people they called Quecheros the warriors bravely approached the strangers. Reaching out to the strange wonder before them the warriors wiped the sweat from the horses and anointed themselves as if to say, “We are one.”

Spanish conquest of New Mexico began in earnest in 1598 when Juan de Oñate was appointed governor of the new province. Santa Fe was designated the capital in 1610. As soldiers were discharged from service they were given large land grants for their service. The native Pueblo people, a readily accessible source of labor, were pressed into the service of their Spanish masters. Franciscan priests added to their burden, requiring their labor to build churches and tend mission crops and livestock.

The expansive rancheros and missions soon fell victim to plunder from wild plains tribes who periodically traveled to the Pueblo villages to trade. At Taos an annual trade fair brought people from hundreds of miles in all directions. Horses became prized property. Stolen and traded, the horse quickly spread across the plains to isolated villages, but there never were enough to contribute to what would become vast herds of wild horses.

The central event that contributed to the wild horse population began with a Pueblo revolt against the Spanish in 1680. Several priests and hundreds of Spaniards were killed. Survivors abandoned New Mexico leaving it in the hands of the Pueblo victors. Under the leadership of Popé, a medicine man who believed Pueblo salvation could only come by rejecting the Spaniards and restoring traditional native customs.

In rejecting all things Spanish, Popé insisted on driving the thousands of ranchero horses away from the Pueblo homeland. The untended horses spread onto the plains and into the hands of the wild prairie bands. Having only known dogs that could run in the manner of these wonderful animals, the Indians called horses Sacred Dogs. And even today, the air of a horse seems to say, “I am a gift from the gods.” He had finally returned to the place of his birth among the prairie grasses on The Way West.

“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@kans.com.

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It has been driving me crazy trying to figure out what kind of owl I had seen in our shelter belt. Almost solid white, with a face like a plate, and steady brown eyes. I had not gotten a photo, not a good one, because I was staring into his eyes, just as he stared into mine. I had not startled him; he had been watching me for a while, just as he watched the cows in the next pasture or the horses in our corrals, or the pigeons that roosted in one of the grain bins.

As I neared the tree where he was perched, he decided I had come too close and quietly raised his wings and lifted into another tree. He did not fly away, just to a more comfortable distance. I stood for what seemed like minutes before resuming my walk and he again lifted his wings without a sound and moved a little farther away.

He was magnificent.

CKD agronomy Coffee Shop meetings begin Feb. 8

The Central Kansas Extension District (Ottawa and Saline Counties) will host three Coffee Shop agronomy meetings during February and March on topics of interest to area crop producers. The meetings will be held on Feb. 8 and Feb. 22 at the Mentor Fire Station in Mentor, starting at 10:00 a.m. and adjourning at noon and then again at the Ottawa County Courthouse basement meeting room in Minneapolis, starting at 1:30 p.m. and adjourning at 3:30 p.m. The March 2 meeting will be held in the American Ag Credit basement meeting room, 925 W. Magnolia Rd, Salina, starting at 9:00 a.m. and adjourning at noon.

The meeting topics and speakers are:

Thursday, February 8 – Dicamba applicator training required to apply Engenia, FeXapan, and XtendiMax (1 hour of dicamba training); what's new for

But what was he?

We know there are owls living with us; we hear their calls, we see the bones, the feathers, the remains of their victims under the trees. Sometimes, we catch sight of one in the distance. Once, while out walking at dusk, two owls silently flew past us and landed yards away in the pasture. They had passed just a couple of feet from us but we were unaware until they landed. They were brown... average size...

I saw Beccy Tanner's news story in the *Wichita Eagle* that snowy owls were starving in our state, forced out of their own Arctic habitat by the abundance of food that in turn produced an abundance of offspring and thus lots of competition for food. I assumed our owl must have been one of those and pored over their images, only to be dismayed that the owl I had seen looked nothing

like the round-headed, yellow-eyed snowy owl in the pictures.

He could only have been a barred owl, unusually white.

I do have the advantage in that Dr. Jake is an actual veterinarian, and therefore pretty astute when it comes to differentiating one animal from the next. But he had not seen the owl. The hoots that we hear each evening are undoubtedly that of the Great Horned Owl, in his expert opinion.

The distinctive call of the Barred Owl is not heard. Maybe it is lost in the coos of the doves and squawking of the hawks, the cackling of the pheasants.

On one of these recent warm days, I ventured back to the cedar trees hoping to catch another glimpse of him. I found signs of a predatory bird – pigeon and small pheasant feathers, scattered on the ground. But I never saw him.

I heard the hoots of the Great Horned Owl and walked over to the stock tank, into a little grove of trees. I was watching the ground, looking for more evidence... when a flapping above my head startled me. I looked up in time to see an owl flying from the tree, but he wasn't white. He was definitely brown and/or gray, and he was

gone in a blink.

Back to my Google searches: The Barred Owl lives mostly in the Eastern United States and was not common on the High Plains because there simply weren't enough woodlands, but that has

changed. Sources say the trees growing up along the streams that stretch into the West offer them ample habitat.

My research proves he has to be a Barred Owl; my heart tells me he is he is a ghost, that he brings me

stories of the past, and that someday, he will return.

Deb Goodrich is the co-host of *Around Kansas* and the *Garvey Historian in Residence* at Fort Wallace Museum. Contact her at author.debgoodrich@gmail.com.

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Cherokee County Extension will host Beef Night February 6

Endophyte toxic fescue has been a nuisance to livestock producers for many years, especially for producers with spring calving cows. The endophyte in K-31 fescue produces a toxin called

ergovaline that is two to three times more concentrated in the seed head of the plant compared to the leaves or stems. If ingestion of ergovaline can be reduced, cattle performance may be increased.

Research has been conducted in Cherokee County for the past three years looking at methods to reduce the amount of seed heads produced by the fescue plants. Results from the trials have been

promising for producers. On February 6, the results of the fescue trials will be highlighted at the Cherokee County K-State Research and Extension Beef Night.

The meeting will be held at the Cherokee County 4-H building located at 114 W. Country Rd in Columbus. A sponsored meal will be served at 6:00pm with presentations beginning at 6:30pm. Dale Helwig, Cherokee County ag agent, will present the results of the

fescue study. In addition, Monte Vandever, K-State Ag Economist Extension Specialist, will inform producers how they may protect their pasture and forage supplies.

PRF insurance is a new buzzword around the beef industry. It is insurance a producer may purchase that protects against rainfall shortages. How it works and why or why not it may be useful to producers will be discussed during the meeting. For any questions please con-

tact the Cherokee County Extension Office at (620) 429-3849 or email dhelwig@ksu.edu.

Kansas State University is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision, or hearing disability, contact Dale Helwig, Cherokee County Extension, 124 W. Country Rd, Columbus, KS 66725, phone 620-429-3849 or email dhelwig@ksu.edu.

K-State Rodeo planned for February 16-18 in Manhattan

Alumni, friends and rodeo fans will gather in the warmth of Weber Arena February 16-18 for the 62nd annual K-State College Rodeo. The event serves as an unofficial reunion for those in the regional rodeo community to come visit with friends they haven't seen all winter and watch some of the top college rodeo talent in the country. Nearly 450 contestants from 18 colleges and universities in the Central Plains Region will come to Manhattan to compete that weekend in front of an expected 10,000 total fans.

"Student athletes in this region tell us they love competing in front of full-house crowds," said K-State Rodeo Team Coach Casy Winn. "That amps up the contestants, which makes for a great rodeo atmosphere."

The action gets underway February 16, with tie-down roping, breakaway roping, team roping and steer wrestling slack at 9:00 a.m. Friday night's opening performance at 7:00 p.m. will be "Tough Enough to Wear Pink" Night. Horsemanship competition for the Miss Rodeo K-State contest will take place between the slack and the evening performance.

Contestants will be back in Weber at 9:00 the next morning for barrel racing and goat tying slack. Miss Rodeo K-State will be crowned at 6:45 p.m., just ahead of the Saturday evening performance, which is "Pack Weber with Purple" Night. The

rodeo starts at 7:00 p.m. Children 12 and under get in free Saturday night with the donation of one canned good for Flint Hills Breadbasket and the purchase of an adult ticket.

Sunday afternoon at 1:00 is the Military Appreciation Short-Go, with the top 10 contestants in each event from the long-go competing.

Advance tickets are \$10 for adults and \$8 for children under 12 and those with military or student IDs. Rodeo tickets can be purchased in advance at Yeehaw Country Outfitters, RB Outpost, the K-State Union Bookstore and Orscheln in Manhattan; Orscheln in Junction City; Ray's Apple Market in Clay Center; and R Bar B in Topeka. Tickets at the door will be \$15 for adults and \$10 for children under 12 and those with military or student IDs. Weekend passes are \$30 at the door.

Fans attending the rodeo should park in lots marked with a "T" north of Weber Arena. Additional rodeo parking will be at the southwest corner of Mid Campus Drive and Clafin, located diagonally across the intersection southwest of Weber. These areas are free to park from 6:00 p.m. Friday through the weekend. Parking in non-designated areas or prior to Friday at 6:00 p.m. without a permit from the university will be subject to fines from KSU Parking Services.

Kansas State to offer tenth annual animal science leadership academy

Students from across the country with an interest in the livestock industry and related careers can apply now for the Kansas State University Ani-

mal Sciences Leadership Academy.

The academy, which is celebrating its tenth year, is an intensive four-day educational experience

designed to enhance the leadership skills and animal science knowledge of students in grades 9-12.

Hosted by the K-State Department of Animal Sciences and Industry and sponsored by the Livestock and Meat Industry Council (LMIC), the academy's goal is to develop young leaders within the livestock industry and prepare them for a successful future in this field.

"The academy is truly a rare opportunity for youth that want to enhance their leadership and educational experiences in agriculture," said Craig Good, LMIC president. "Part of the LMIC mission is to assist the animal sciences department at K-State in its goal of providing great educational and research opportunities for youth across the country. I can say without hesitation, that supporting the leadership academy for the past ten years has been a very rewarding and worthwhile activity and helps fulfill that mission."

The tenth class will meet in Manhattan, June 6-9. Applications are due April 2 and can be found at www.YouthLivestock.KSU.edu.

The program's itinerary will feature interactive workshops, tours and mentoring time with animal science professors. Industry leaders will also join the participants frequently to share their knowledge and expertise. Throughout the week, participants will work in teams to evaluate current events within the animal science industry and educate others. The event ends with team presentations and a closing reception.

Only 20 students will be accepted for each session to ensure individualized attention from counselors, professors and industry leaders. Participants will stay on the K-State campus in university housing. Transportation to and from the event is the responsibility of the participant, along with a \$50 fee to reserve his or her space. The fee is only due upon acceptance and not at the time of application. LMIC generously provides all other sponsorships.

For questions, contact academy director Sharon Breiner at sbreiner@ksu.edu or 785-532-6533.

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Kansas Rural Center to host five specialty crop workshops in March

The Kansas Rural Center (KRC) will host five specialty crop workshops during March to provide information and education necessary for beginning specialty crop growers to establish a successful specialty crop enterprise in Kansas. The workshops will focus on conservation, production and marketing practices for specialty crop growers, and will provide an excellent opportunity for beginning growers to connect with and learn from experienced growers.

The workshops are part of KRC's "Linking Experienced and Beginning Kansas Specialty Crop Farmers to Share Information for Establishing Successful Specialty Crop Enterprises Project," which was funded last fall by the Kansas

Department of Agriculture through the USDA Specialty Crop Block Grant program. KRC is one of five projects approved in Kansas. The aim of KRC's project is to link experienced and beginning specialty crop farmers and provide information and networking opportunities to help beginning farmers lower production costs, increase profitability, and create successful specialty crop enterprises in Kansas.

More information and registration details will be available later, but the workshops will be held:

Saturday, March 3, in Scandia

Friday, March 9, in Leavenworth

Tuesday, March 20, in South Hutchinson

Wednesday, March 21,

in Dighton

Saturday, March 31, in Erie.

Experienced specialty crop growers and experts from partnering institutions and agencies will provide information on conservation practices and soil health, high tunnel construction and management, cold storage, marketing strategies, and basic economics of specialty crops. Conservation and management practices (such as cover crops, crop rotations, pest and weed management strategies, beneficial insects, etc.) can dramatically impact the bottom line of farms through improving system productivity and profitability. Better understanding of the costs and benefits of these practices and the potential revenues from

key vegetables and fruits well-suited to Kansas can help specialty crop farmers succeed.

In addition to providing valuable information education, the workshops will offer beginning farmers the chance to connect with experienced growers to provide for continued access to information and advice.

Detailed agendas of each workshop will be posted on the KRC web-

site soon.

In addition to the regional workshops, KRC will work with beginning specialty crop growers to pair them with experienced specialty crop growers to facilitate farmer-to-farmer transfer of knowledge and information. KRC will facilitate a learning circle meeting of ten farmers to determine further educational and resource needs, to share informa-

tion, and to serve as case study subjects for farm profiles for publication statewide.

To learn more about the workshops, please contact David Coltrain at 620-330-3951 or coltraindavid@gmail.com, or email info@kansaruralcenter.org. For questions about the project as a whole, please contact Mary Fund at mfund@kansaruralcenter.org or 866-579-5469.



Year-end high point exhibitors for 2017 in the Blackjack Saddle Club posed with their awards at a recent recognition banquet in Wamego. Honorees include, back row, from left: Stacy Nicholas, Vicki Smith, Teresa Douthit, Steve George, Frank Buchman. Middle row: Lane Svoboda, Jaiden Thomas, Brook Staten. Front row: Luchesse Bergeron, Joseph De La Garza and Katherine De La Garza.



Officers of the Blackjack Saddle Club were elected during a recent meeting in Wamego. They include Albert De La Garza, website-social media; Myra George, treasurer; Justine Staten, president; Frank Buchman, secretary-reporter; Stacy Nicholas, points keeper; and Vicki Smith, vice president.

Photos by Albert De La Garza



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stamp collection; No Trespassing signs; #20 jump trap; S.Newhouse #4 trap; Winross semi's; Mission Orange bank; Standard oil salesman sample can; Madame Alexander doll; acrobat toy; tea towels; Majestic cast iron bank; Case post card; Lincoln truck & Flying V post card; Davy Crockett pin; Buick, Pontiac, & car dealer pins; necklaces & earrings; Monet necklace & bracelet; Napier pin; rings & bracelet; 12 KGF pin; 10 KGF bracelet; 14 KGF necklace; bullet pencils; 77 mercury dimes; crock Lions head soap

dish; Gretsch Guild Starfive V electric guitar; Epiphone guitar; 1870 US Grant plate; candlewick inc: stems, juice, creamer sugar, other pcs; thumb print bowl; berry set; Bavaria set china; assortment of glass; rotary phones; wood bowl; Rogers silverware; 45 records; Mickey Mouse Club records; 1969 KU Orange Bowl record; Hesston belt buckles 1979-1986; Childs Hesston 1984-86; assortment of other collectibles.

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Students to tell rodeo story through alumni-authored kids book

Community outreach is a big part of preparation efforts the K-State Rodeo Club does leading up to their college rodeo in Weber Arena every year. Part of this includes making sure the littlest rodeo fans know about the event and have an opportunity to attend with their families.

To help spread awareness about the sport of rodeo and increase attendance at the K-State collegiate rodeo, the team

will be hosting an educational reading and rodeo program February 9 at the Manhattan Public Library auditorium. Coach Casey Winn and several rodeo team members will read western books to the children in attendance and give each child a free ticket to the rodeo.

This year, the story read to the children will not only teach them about the sport of rodeo, but also has a strong tie to the

K-State Rodeo Club and Team. *Short Go Makes the NFR* was written and illustrated by a mother-daughter duo, both of whom are former K-State rodeo team members. Author Lindsay Keller of Kremlin, Okla., and illustrator Marilyn Domer of Topeka created *Short Go Makes the NFR* so children would have an opportunity to learn about horses and rodeo from an authentic perspective.

“Many of the children’s books about horses, cowboys and rodeo are created by someone far removed from the western lifestyle,” said Keller. “We wanted to create a story that would not only ring true with children within the rodeo family, but also paint an accurate picture of what the rodeo world is like to children outside of our community. Efforts the K-State rodeo team is making with the Manhattan community are putting the book to use exactly as we intended.”

In the book, a bay Quar-

ter Horse named “Short Go” and his two sibling owners, Elsie and Max, pretend to compete in the timed events at the Wrangler National Finals Rodeo. At the end of the story, Elsie and Max discover Short Go is needed to help carry out a special task at the real NFR in Las Vegas.

“When we created the book, we wanted to include bright pictures and fun rodeo announcer lingo that would capture the children’s attention, but we also wanted to include an important lesson about the value of family that the parents would appreciate,” said Domer.

To learn more about *Short Go Makes the NFR*, visit www.TheBellMare-BookCo.com and follow the book on social media at [Facebook.com/ShortGo-MakesTheNFR](https://www.facebook.com/ShortGo-MakesTheNFR). To learn more about the Rodeo Club reading activity at the library, visit <https://goo.gl/wZ9TFk>.

Kansas farmers and ranchers weigh in on revamped “Beef. It’s What’s For Dinner” brand

Farmers and ranchers in Kansas are excited about the relaunch of the iconic *Beef. It’s What’s For Dinner* brand that has captured the attention of millions of consumers and evolved as one of the top commodity food brands over the past quarter century.

The relaunch began October 3 with the unveiling of the new BeefIt’sWhatsForDinner.com website, complete with a new look and logo. The updated website combines eight checkoff-owned websites into one digital destination about all things beef, including more than 800

a new section on raising beef that invites people to “Rethink the Ranch” with videos and stories about the people who help bring beef to market. Overall, the comprehensive website now provides an even more interactive experience on all things beef, from cuts and cookery to a robust collection of beef recipes.

“Our Beef. It’s What’s For Dinner. brand has been a tremendous asset for beef farmers and ranchers and beef promotion through the years,” said Philip Weltmer, a Kansas beef industry leader from Smith Center.

Ag workforce future needs the topic of symposium hosted by KSU fraternity

The Alpha Zeta chapter of the Alpha Gamma Rho (AGR) fraternity will present its fourth edition of the Alpha Gamma Rho Agriculture Symposium. The event is planned for Feb. 23 at 3 p.m. in the Town Hall of the Staley School of Leadership Studies on the campus of Kansas State University. The event is free and open to the public.

This year’s symposium topic, “Ensuring a Capable Ag Workforce,” brings together a wide variety of expert voices. This year’s panel of speakers include:

Mike Smith, chief executive officer of Ag1Source;
Allie Devine, partner at Devine & Donley;
Dalton Henry, legislative director for Rep. Roger Marshall;

Katie Mullin, vice president, Human Resources of Farm Credit Services of America/Frontier Farm Credit
Dr. Jason Ellis, head of the Department of Communications and Agricultural Education at Kansas State University, will serve as master of ceremonies.

“Alpha Gamma Rho is excited to spark a discussion of this important topic,” said Garrett Lister, Alpha Zeta chapter adviser. “Feeding a growing world population and making sure we have the people, knowledge and skillsets in place to do so is a monumental task. Given K-State’s prominence as a Land Grant University with an outstanding College of Agriculture, we believe that our Alma Mater and thus the Manhattan community will play a major part in rising to this challenge.”

The agriculture and business communities are welcomed to attend and participate in this vital discussion to help accomplish the challenge of providing food and fiber for a growing global marketplace.

Alpha Gamma Rho is a social, professional fraternity sharing a common bond within a dynamic, global agriculture. With more than 75 chapters nationwide, AGR strives to make better men, and through them a broader and better agriculture.

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EPDS CE BW WW YW MCE IN MWW CW YG MARB FAT REA API TI 18.7 2.7 51 60 8.6 30.1 50 -8.8 -.02 73 1.009 43 159 85

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80± Acres • Jefferson County, Kansas



- Good combination of native and brome grass pasture
- Cleared of trees and timber
- New fencing and new steel pipe working corral
- Nice three-bedroom home with fireplace offered separately

For property details, please contact:



Fred Olsen, AFM/Agent
Manhattan, Kansas
(785) 320-2033 or (620) 285-9131
FOlsen@FarmersNational.com
www.FarmersNational.com/FredOlsen

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Grass & Grain Auction and Sales Calendar

January 30 — 60 acres m/l of Jackson County, Kansas farm ground to be held at Holton for Evelyn L. (Mellenbruch) Lewis Estate, Loy Mellenbruch, executor. Auctioneers: Harris Real Estate & Auction, LLC.

February 2 — Tractors, no-till planter, combine, flex head, header trailer, corn head, seed tender, sprayer, Landoll disk, rotary hoe, portable augers, disc mower, big round baler, hay rake, field cultivator, chisel plow, land plane, grain truck, semi tractor, hopper trailer, skid steer, grain cart, vintage pickup, hay wagon, wood splitter, dryer fan & misc. at Rich Hill, Missouri for Ron & Letha Crain. Auctioneers: Marty Read Auction Service.

February 3 — Vehicles, trucks, trailers, hay & straw, livestock supplies, tractors, machinery, lawn mowers, ATVs, tires, trusses & new lumber, hedge posts, firewood, shop tools, collectible coins & much misc. at Axtell for consignments sponsored by Knights of Columbus, Axtell Council #1163.

February 3 — Antiques, collectibles, household, store fixtures & other at Downs. Auctioneers: Thummel Real Estate & Auction, LLC.

February 3 — Antiques, vintage, tools, furniture, etc. held at Osage City for a local seller. Auctioneers: Wischropp Auctions.

February 3 — Retirement auction, enclosed trailer, 2003 Ford F-250 pickup, office furniture, Frederic Remington prints, tools, utility trailers, storage box containers (to be moved) & more at Salina. Auctioneers: Omli and Associates, Inc.

February 3 — Farm machinery, trucks, tractors, combine heads, farm equipment at Washington for Leroy & Donna Long. Auctioneers: Bott Realty & Auction.

February 4 — Antiques & collectibles at Downs. Auctioneers: Thummel Real Estate & Auction, LLC.

February 5 — Games, equipment, tables, chairs, bar stools, decor, outdoor & more at Emporia for Desperado's (formerly Cowboy Palace). Auctioneers: Hancock Auction & Real Estate.

February 8 — 80.23 acres of Flint Hills grassland in Lyon County held at Emporia for 4 J's, LLC (Ed & Norma Williams). Auctioneers: Griffin Real Estate & Auction Service, LLC.

February 10 — Ford 8N, smaller farm equipment, building tools, newer & primitive furniture, chain saws, sheet metal brakes, glass cutters & more at Strong City. Auctioneers: Hancock Auction and Real Estate.

February 10 — Consignment including camper, mowing & tillage equipment, box trucks, vehicles, tractors, boats, restaurant equipment, industrial equipment & more at Salina. Auctioneers: Lonnie Wilson Realty & Auction.

February 10 — Antiques & collectibles, toys, tins & more at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

February 10 — 312 acres m/l of Pottawatomie County, KS farmland, native pasture, meadow & excellent wildlife habitat held near Blaine for R&R Suther Farms and Matt & Kim Suther. Auctioneers: Cline Realty & Auction, LLC.

February 10 — Tractor, combine, truck, machinery, mowers, tools, household held North of Grantville for Carl V. Fritz Trust. Auctioneers: Wischropp Auctions.

February 10 — 28th annual production sale at the ranch Leavenworth for J&N Ranch.

February 11 — 900+ collector tractors toy auction at Salina for Bob Condray. Auctioneers: Thummel Real Estate & Auction, LLC.

February 13 — 146.22 acres m/l Barton County farm ground held at Wilson for Orville & Beverly Stroh Trust (James R. Stroh, trustee). Auctioneers: Stroh's Real Estate & Auction.

February 15 — Full line of farm equipment including tractors, combine, semi tractors, grain trailers, baler, seed & fertilizer, farm machinery & implements & more at Guide Rock, Nebraska for Orcutt Family Partnership retirement (Rick & Judy Orcutt). Auctioneers: Montgomery Auction & Realty, LLC.

February 15 — Real estate, 161 acres m/l & 80 acres m/l held at Nortonville for property of the late Barbara Nichols. Auctioneers: Miller & Midyett Real Estate & Wischropp Auctions.

February 17 — 420 acres m/l Marshall County land held at Blue Rapids for Howard & Hellen Miller. Auctioneers: Midwest Land & Home, Jeff Dankenbring & Mark Uhlik.

February 17 — Collectibles firearms, scopes, knives, tackle boxes, binoculars, trail cameras, bows & more at Manhattan for LTC (R) Greg Platt. Auctioneers: Murray Auction & Realty.

February 17 — (10:30 AM) — 76 acres m/l of Pottawatomie County, KS pastureland, farmland & wildlife habitat held at Blaine for Stelter Family Trust. Auctioneers: Cline Realty & Auction, LLC.

February 17 — (2:00 PM) — 80 acres m/l of Mar-

shall County, KS farmland, meadow & wildlife habitat held at Frankfort for Bryce & Lydia Hunninghake. Auctioneers: Cline Realty & Auction, LLC.

February 17 — Farm machinery inc. tractors, combine & trucks, machinery, lumber, diesel barrel with pump held near Belleville for Darrel Marcia & Justin Klima. Auctioneers: Thummel Real Estate & Auction, LLC.

February 23 — 1,539.8 acres of rolling Flint Hills Chase County, KS Heart of the Flint Hills including "Knute Rockne Memorial Site," ranch home & cattle pens held at Cottonwood Falls for property of E. Cross Cattle Co., Inc. Auctioneers: Griffin Real Estate & Auction Service, LC.

February 23 — Spring Total Performance Bull sale at Quinter for Jamison Herefords.

February 24 — Coins at Emporia. Auctioneers: Swift-N-Sure Auctions.

February 26 (inclement weather date is March 12) — Farm machinery, tractors, trucks, pickups, equipment & trailers near Hazelton. Auctioneers: Hamm Auction and Real Estate, LLC.

March 1 — 153.40 acres m/l Washington County, KS land held at Barnes for Arlen & Dixie Richter. Auctioneers: Midwest Land and Home, Mark Uhlik, Jeff Dankenbring, broker.

March 1 — 156.29 acres in Lyon County, 2 tracts with home held at Olpe for George Shipp. Auctioneers: Griffin Real Estate & Auction Service.

March 1 — Annual Bull Sale in Courtland, KS for Jensen Bros.

March 2 — 41st annual

Legacy sale at Manhattan for K-State Animal Sciences & Industry.

March 3 — Annual production sale at Olsburg for Laffin Angus Ranch.

March 4 — 16th annual bull sale at Wamego for Gold Bullion.

March 5 — 830 acres of Jewell County farmland held at Esbon for Doris Matousek Estate, Eldon Doud administrator. Auctioneers: Gerald Zimmer Auction & Real Estate.

March 5 — Lyons Ranch 30th annual Superior Genetics bull sale at the ranch, Manhattan for Lyons Ranch.

March 5 — Bulls sale at Salina for Don Johnson Angus.

March 6 — Cattleman's Choice bull sale at Greenleaf for Cattleman's Choice.

March 6 — Premium Genetic Bull & Female sale at Wamego for Hunninghake Angus Ranch & Dikeman Simmental.

March 6 — Bull sale at Lacrosse for Cornwell Farms.

March 7 — Farm & industrial consignments at Beattie for Rottinghaus Consignment Auction. Auctioneers: Rottinghaus Auctions.

March 7 — 28th annual Production sale at Agra for Ferguson Angus.

March 10 — Concordia Optimist Club Annual consignment auction held at Concordia. Auctioneers: Thummel Auctions.

March 10 — Performance Bull & Female sale at Maple Hill for Mill Brae Ranch.

March 15 — 29th annual Production Sale at Esbon for Benoit Angus Ranch.

March 17 — Farm &

Ranch Equipment consignment auction at Washington. Auctioneers: Open Range Sales, LLC, Ethan Schuette.

March 17 — Semis, straight trucks, tractors, farm machinery, wagons, farm equipment at Abilene for James & Janice Chaput. Auctioneers: Ron Shivers Auction.

March 17 — John Deere tractors & loader, harvesting equipment, equipment, trucks, collectible tractors & equipment, misc. at Princeton for Mr. & Mrs. Marvin Gretencord retirement. Auctioneers: Dave Webb, Webb & Associates Auctions & Appraisals.

March 17 — On Target Bull sale at Blue Rapids

for Springhill Herefords/Alcove Cattle Co.

March 19 — 32nd annual Production sale at the ranch, Claflin, for B&D Herefords and Beran Brothers Angus.

March 21 — Bull sale at Overbrook for Woodbury Farms.

March 24 — 19th annual Production sale at Leavenworth for New Haven Angus.

March 27 — Bull sale at Eureka for GeneTrust.

April 2 — 59th annual Production sale at Lorraine for Green Garden Angus.

April 14 — Consignment auction at Abilene for Dickinson County Historical Society. Auctioneer: Ron Shivers.

LAND AUCTION

SATURDAY, FEBRUARY 17, 2018 — 10:00 AM

Blue Rapids City Hall, BLUE RAPIDS, KANSAS

420 ACRES± MARSHALL COUNTY, KS LAND

Tract 1: Features 275± acres of pasture, 47± acres cropland, and 12± acres of hay meadow. **Tract 2:** Features 65± acres Big Blue river bottom cropland, consider PRIME cropland. **Directions to Properties:** From Blue Rapids take Hwy. 77 west approx. 1 mile to 7th Rd. (West River Rd.), go approx. 1.75 miles north on 7th Rd. to Temple Rd. From the intersection of 7th Rd. & Temple Rd. property is located on both the east & west side of 7th Rd. (West River Rd.).

Contact Jeff Dankenbring - 785-562-8386

HOWARD & HELLEN MILLER - SELLERS

Watch upcoming issues of Grass & Grain for more details!

For a VIRTUAL TOUR of this property visit

www.MidwestLandandHome.com

To stay up to date on auctions and listings LIKE our Facebook page Midwest Land and Home.

Midwest Land

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Jeff Dankenbring — Listing Broker - 785-562-8386

Mark Uhlik — Broker/Auctioneer

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Rottinghaus Consignment Auction

WANTED:

FARM & INDUSTRIAL CONSIGNMENTS

WEDNESDAY, MARCH 7, 2018 • 10 AM

Jct. Hwy 36 & 99, Beattie, Kansas

Deadline for advertising is:

Wednesday, February 14, 2018

Contact: Terry at 785-353-2525 • Cell: 785-799-5141

AUCTION

SATURDAY, FEBRUARY 3, 2018 — 10:00 AM

Auction will be held in Memorial Hall at the South end of DOWNS, KANSAS

ANTIQUES, COLLECTIBLES

Inc.: Pyrex nesting bowls; Candlewick; **toys inc.:** tin crane; Hot wheels; Rahr & Sons tap pull; costume jewelry; pictures; dolls; Monark bike (had a motor); Phillips 66 sign; Phillips 66 6 gal cans; hub caps; 2 IHC cream separators; ballot box; Maytag washer; chrome dinette table; wind charger tail.

HOUSEHOLD, STORE FIXTURES

Maple 3pc. qn. BR set; 2015 couch; 2015 round oak table w/4 Windsor chairs; 2 rocker recliners; Royal 425 CX cash register; Brother 4-1 printer; Canon copier; youth bed; metal 2-dr wardrobe; wood sink base; security mirror; kitchenwares; Christmas decor; wood ladder; Simplex kerosene heater; Babson Bros pump; 2 bikes.

Large auction. See last week's Grass & Grain for listings & check our website for pictures www.thummelauction.com

Auction Conducted By:

THUMMEL REAL ESTATE & AUCTION LLC • 785-738-0067

LAND AUCTION

THURSDAY, MARCH 1, 2018 — 6:00 PM

Barnes Fire House — BARNES, KANSAS

153.40 AC.± WASHINGTON COUNTY, KS LAND

This tract consists of mostly farmland with a little native grass pasture. **Directions to Property:** From Barnes, go 1/2 mile east to All American Rd. then 6 1/2 miles south to 3rd road. This is the south west corner of the property. **This tract has it all, great soil types, exceptional hunting opportunities, pasture and hay meadows, and has been well cared for. Contact me with any questions you may have. Mark Uhlik (785) 325 2740**

ARLEN & DIXIE RICHTER - SELLER

Watch upcoming issues of Grass & Grain for more details!

For a VIRTUAL TOUR of this property visit

www.MidwestLandandHome.com

To stay up to date on auctions and listings LIKE our Facebook page Midwest Land and Home.

Midwest Land

and Home

Mark Uhlik — Broker/Auctioneer - 785-325-2740

Jeff Dankenbring — Broker - 785-562-8386

www.MidwestLandandHome.com

When you want the Best, Call Midwest!

ANTIQUE AUCTION

SATURDAY, FEBRUARY 10, 2018 — 10:00 AM

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

ANTIQUES & COLLECTIBLES

Walnut umbrella stand; Jersey wood coffee box w/photo view card on back; Old Man Winter high chair & kitchen chair; 50+ Carnival chalk figures, several large and unusual; chalk Black & White brandy dogs; papier mache Twinkie Shoe advertising; large collection of Christmas inc. (papier mache figures, ornaments, trees, tree toppers, trees); Halloween collectibles (masks, Jack O Lanterns, other); papier mache turkey; 40 lunch boxes; canes & umbrellas; short drop regulator clock; Union Arlington Chicago bicycle; Sinclair motor oil rack; signs inc. (Phillips 66 tire, Texaco, Viceroy, Kendall oil, A K Walch's cigar, Interstate Battery, other); beer signs; Coca Cola clock; several collector signs; Pepsi waste cans; wicker doll buggy; 1903

Note: This is a very large auction, with many quality and unique collectibles. This is an individual auction from a collector that we have sold for several times. Many very unique collectibles. Check our web site for pictures at www.thummelauction.com.

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC

785-738-0067

Boston Red Sox poster; collection pictures; Currier & Ives prints; Flamingo mirrors; Chevrolet items (truck desk award, several awards, 1963 sales-man brochure, car posters, film strips); deer table lamp; **toys inc.:** (wood toy barn w/animals; cast iron tractor, plow, 1/16th semi's, other); wood boxes inc. (Concordia Creamery, Old Dutch Cleaner wood box, Tahoma Biscuit, others); **assortment tins** (Norse windmill oil, Marvel oil, Whiz oil, Chincio, peanut butter, Gold Dust, Caswell coffee, other); beer cans; Bon Ami box; Ivory soap boxes; scrap books; marble game; collection of kitchen items; head vases; caster set; large collection Cape Cod; assortment glass; Chez Jayhawk pitcher; Art glass vases; depression glass; child's plate; shaving cup in box w/mirror;

panther TV lamp; sets china; glass rolling pins; many wooden dresser boxes; beer tray; wall magazine rack; Rembrandt pole lamp in box; Aladdin electric table lamps; motion lamps; floor lamps; tapestry's; lanterns; yard sticks; Keen Kutter grinder; pop bottles; child's; comic books; advertising hand fans; 1937 Quint calendar; Gibson book; Deco speaker cover; pens; large wedding cake top; napkins; Vapo lamp in box; viewer & cards; buttons; wash boards; scales; copper bed warmer; wooden bowls; wool cards; wood stompers; many other wooden items; granite pieces; ice cream dipper; many other kitchen items; crock bowls; Keen Kutter sil-verware; Griswold waffle iron; roller skates; large assortment of other collectibles.

COLLECTIBLE FIREARM AUCTION

SATURDAY, FEBRUARY 17, 2018 • 12:00 NOON

LOCATION: Manhattan National Guard Armory
721 Levee Drive — MANHATTAN, KANSAS

Firearms may be viewed after 10:30 AM at the Armory!

Lot 1: Browning 12 ga. semi auto Gold Hunter w/Shadow Grass camouflage pattern. **Lot 2:** Colt Frontier Scout Missouri Sesquicentennial, .22LR 6 shot revolver. **Lot 3:** Ruger stainless steel Super Blackhawk SS/TALO in .44 Magnum w/3.75" barrel. **Lot 4:** Savage Model 1895, lever action .308 Anniversary Model 2/original box. **Lot 5:** Sig Sauer 1911-22, .22 LR semi-auto pistol, threaded barrel. **Lot 6:** Smith & Wesson M&P Bodyguard .38 Special+P, 5 shot revolver w/built in Crimson Trace. **Lot 7:** Taurus/Rossi Circuit Judge, .44 Magnum revolver carbine. **Lot 8:** Ruger P45GMK3RP .22/4522LR MKIII .22 pistol. 4" threaded barrel (1/2x28) & Volquartsen Accurization kit. **Lot 9:** Colt Frontier Scout Arizona Territorial, .22LR 6 shot revolver. Mint cond. **Lot 10:** Colt Frontier Scout Dakota Territory, .22LR 6 shot revolver. Mint cond. **Lot 11:** Colt Frontier Scout Oregon Trail, .22 LR 6 shot revolver. Mint cond. **Lot 12:** Colt Frontier Scout Maine Sesquicentennial, .22LR 6 shot revolver. **Lot 13:** Colt Frontier Scout 49er Miner, .22LR 6 shot revolver. **Lot 14:** Daewoo A5000 12 ga. semi-automatic shotgun w/original box. **Lot 15:** Remington Model 700 .308 bolt action rifle. Matte action, fluted bolt w/skeletonized bolt handle. Matte, fluted barrel, bedded in black polymer stock. Topped w/Bushnell Trophy XLT, 6-18x50 scope. **Lot 16:** Kimber Grand Raptor .45 ACP Full Size Semi Auto 1911 model pistol from Kimber's Custom Shop. **Lot 17:** Remington Model 700 .300 Remington Ultra Mag. Stainless action & barrel, black spider-web polymer stock. Topped w/Leupold VX-3L, 3.5-10x50mm scope. **Lot 18:** Colt King Cobra, polished stainless .357 revolver w/4" barrel. **Lot 19:** Ruger GP100, .357 Magnum revolver. **Lot 20:** Ruger 10/22 .22 LR rifle w/hammer forged 16" bull barrel, Hogue Overmolded Earhtone stock. **Lot 21:** Sabatti Model 92 Safari Classic, Italian double barrel .45-70 rifle. **Lot 22:** Walther PPK/S .380. Pistol. **Lot 23:** Walther MP5, .22LR w/Fake Suppressor & Collapsible Stock. **Lot 24:** Thompson Center Commemorative ICON, 30-06. **Lot 25:** Colt Frontier Scout Law Man Bat Masterson .22LR 6 shot revolver. Mint cond. **Lot 26:** Colt Frontier Scout Law Man Pat Garrett .22LR 6 shot revolver. Mint cond. **Lot 27:** Colt Frontier Scout Lawman Buntline, .22LR 6 shot revolver. Mint cond. **Lot 28:** Colt Diamondback, blued .22LR revolver w/4" barrel. **Lot 29:** Colt Diamondback, blued, .22LR revolver w/6" barrel. **Lot 30:** Remington Model 700 Titanium 30-06 bolt action rifle. **Lot 31:** Stevens Model .32 Favorite, Falling Block .32 Rim-fire. Comes with both rim & centerfire breech blocks, as well as both centerfire & rimfire ammunition.

Lot 32 INCLUDES The FOLLOWING 4 THAT WILL BE SOLD as one lot or set: Colt Frontier Scout Chisholm Trail, .22LR 6 shot revolver. Mint. Comes w/black, set display case; Colt Frontier Scout Pawnee Trail, .22LR 6 shot revolver. Mint. Comes w/black, set display case; Colt Frontier Scout Santa Fe Trail, .22LR 6 shot revolver. Mint. Comes w/black, set display case; Colt Frontier Scout Shawnee Trail, .22LR 6 shot revolver. Mint. Comes w/black, set display case.

Lot 33: Christianson Arms CA-15, Carbon Fiber AR15 w/gas piston operating system (inc. adj. gas block) & Timney LMT trigger. Topped w/Burris Skull-tac 1-4 scope. **Lot 34:** Colt Python, .357 magnum revolver w/4" barrel. Comes w/blue box & paperwork, 98%. **Lot 35:** Weatherby Friends of the NRA, 2013 NRA Rifle of the Year Vanguard 2 precision Eurosport Sub-MOA 270Win. Topped w/a Leupold CDS VX-7L, 4.5-18 power, 34mm tube & 56mm objective scope w/Boone & Crockett reticle. **Lot 36:** Springfield 1945 M1 Garand, .30-06. Exceptional cond. Has original full walnut stock w/original Springfield & QA cartouches. **ALSO SELLING:** 1 x Leupold 2-7x33mm, VX-2 scope; 1 x Center Point 3-9 rifle scope; Trijicon ACOG, TA31RCO, LNB; Browning 2 x 40th Anniversary NWTFF commemorative knives (1 folding, 1 fixed); Standard Catalog of Colt Firearms; Signed copy (#50 of 200) The Colt Commemorative, 1961-1986; 1 x plastic fishing tacklebox; 1 x steel fishing tacklebox; 2 x red steel tool boxes; 1 x stationary bike training system; 27" Samsung TV; 1 x set TASCO 7x35 binoculars; 1 x set Bushnell Buckhorn 12x50 binoculars; 1 x set WA 12x50 binoculars; 1 x Winchester WT-541, 12-50 power spotting scope w/case & tripod; Hoyt 2000 compound hunting bow w/sights, detachable quiver & Flambeau case; 2 x frosted/antiqued ceiling lights; 1 x Ryobi gasoline leaf blower; num. deer/trail cameras; asst. knives.

AUCTIONEER'S NOTES: Greg has collected firearms for many years and cares for them in a meticulous manner. Many are like new in a box, unfired condition. This is an outstanding collection with many having certificates or letter of authenticity and manufacturing dates. You won't want to miss this opportunity!

TERMS: Cash or good check w/ID; Credit Cards accepted with 3% Buyers Premium. Buyer must sign Kansas Firearms Bill of Sale along with copy of Kansas Drivers License. Buyers must be 18 years old or older. Statements made day of auction take precedence over printed materials. Not responsible for accidents.

SELLER: LTC. (R) GREG PLATT

MURRAY AUCTION & REALTY • Steve Murray, Auctioneer • 785-556-4354

murrayauctionandrealty@yahoo.com • www.murrayauctionandrealty.com



BAXTER BLACK

ON THE EDGE OF COMMON SENSE

Do It Yourself Kit

This notice was found on the side of a first calf heifer at the sale barn:

CALF KIT INSTRUCTIONS FOR ASSEMBLY

1) Remove calf from shipping crate. The shipping container is equipped with an automatic unloading device. If, for some reason, this unloading device jams proceed to step 2.

2) If calf-unloading mechanism fails to work you may call a local authorized factory repairman or make minor adjustments at home by following these directions.

3) Before attempting calf removal yourself study the diagram. Familiarize yourself with all the moving parts including the supporting frame, flotation bag, elastic opening, lubricating oil and enclosed calf. The calf usually comes with four foldable legs (front and back), a flexible tail and

a movable head. The head should contain attachments for sight, smell and hearing.

4) To facilitate removal from the container the calf should be properly folded. Either the front legs and head should be fully extended or the back legs should be extended, tail up.

5) Once you have confirmed the calf is correctly folded it is necessary to check the container opening for size. This is done by applying gently traction to the extended legs. Primitive medieval utensils are available to aid in applying this traction: chains, head snares, eyehooks, handles and a patented bovine extractor device. (NOTE: These mechanical aids should be used with care to prevent damage to the calf and its reusable container. Power assisted precision instruments such as tractors and

four-wheel drive vehicles are not recommended!)

OPERATION OF CALF AFTER REMOVAL

1) OXYGEN ADJUSTMENT: Insure that the air pump is functioning and the breathing tube is free of packing oil. If pilot light goes out, apply intermittent pressure to the bellows.

2) FUEL: The portable calf container comes equipped with four zerks connected to the fuel reservoir. CAUTION: The initial filling is critical to insure long-term smooth running of your new calf! This first tankful is loaded with special additives which help prevent breakdowns and stalling. (If the calf is not given this fuel within the first few hours, the warranty is not valid!)

3) TROUBLESHOOTING: If overheating, knocking or leaks develop consult your local authorized factory repairman.

CONGRATULATIONS! You are the proud owner of the 2018 Model Bovine. With proper care and maintenance it should last two to ten years. Enjoy! (Manufacturer assumes no liability or makes no promises regarding profitability of enclosed calf.)
www.baxterblack.com

Grant funding offered in Kansas, Nebraska for wood-based biochar

The Kansas Forest Service and Nebraska Forest Service have partnered with private industry to form the Great Plains Biochar Initiative. The result is grant funding available for biochar development.

Biochar is a carbon-rich organic product with multiple uses ranging from a soil amendment to water filtration. While it has been around for thousands of years, it is new and unfamiliar to most people, said Dave Bruton, utilizations and marketing forester for the Kansas Forest Service. However, interest has been growing and with the new collaboration and this grant opportunity, it is hoped that individuals can educate themselves and explore ways to produce and use biochar.

"While a wide variety of organic material can be used to produce biochar through pyrolysis, with this particular project we are specifically looking at ways to make biochar from wood resource-

es found in Kansas and Nebraska," Bruton said. "Biochar has many and diverse applications and I'm excited to see what creative projects will result. It is something that most people aren't familiar with and I'm learning along with them."

The wood used in the process may be waste from manufacturing processes, slash from logging or thinning operations, or woody material that may currently have little or no economic value, he said. The project is also for individuals who may not be interested in making biochar, but rather want to explore ways to use it in their current farming, livestock, nursery, gardening, or other environmental or agriculture applications.

The biochar grants are available to individuals, businesses, and organizations, and will provide up to \$5,000 in funding for biochar production and/or utilization projects.

With the challenges

and pressures on Great Plains producers, biochar is increasingly considered a low-cost option in addressing soil degradation and water retention, among other challenges, Bruton said.

"Interest has especially been growing in the area of soil health as it relates to growing nutrient-rich and abundant foods and other resources for an increasing world population," he added. "Biochar not only has the potential to enhance soil health and water retention but also has the added benefit of sequestering carbon for hundreds, if not thousands of years."

For more information on biochar and the grant opportunity, visit nfs.unl.edu/great-plains-biochar-initiative. Additional questions or assistance can be directed to Bruton at 785-945-6147 or dbruton@ksu.edu, or Heather Nobert of the Nebraska Forest Service at 402-782-1453.

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 4,770 CATTLE AND 83 HOGS.

STEERS			
400-500	\$185.00 - 199.00	11 blk	Cleveland
500-600	\$183.00 - 198.00	10 blk	Carlton
600-700	\$160.00 - 177.00	13 mix	Hutchinson
700-800	\$140.00 - 157.00	47 mix	Ellsworth
800-900	\$136.00 - 148.25	7 blk	Smolan
900-1000	\$130.00 - 141.00	12 mix	Assaria
		45 blk	Brookville
HEIFERS			
400-500	\$155.00 - 169.00	7 blk	Delphos
500-600	\$154.00 - 166.00	28 mix	Lindsborg
600-700	\$140.00 - 159.00	70 mix	Salina
700-800	\$130.00 - 142.50	26 blk	Manchester
800-900	\$123.00 - 143.50	62 blk	Clafin
		25 blk	Delphos
		12 blk	Little River
		29 blk	Brookville
		22 blk	Gypsum
		16 blk	Assaria
		8 blk	Gypsum
		6 mix	Assaria
		43 red	Bennington
		38 blk	Lindsborg
		5 blk	Salina
		62 mix	Sedgwick
		37 wf	Gypsum
		8 mix	Gypsum
		72 blk	Clafin
		60 blk	Assaria
		10 mix	Gypsum
HOGS			
5 fats	Lindsborg	295@51.00	
29 fats	Lindsborg	231@45.00	
8 fats	Lindsborg	292@45.00	
15 fats	Newton	297@45.00	
3 fats	Lindsborg	275@45.00	
CALVES			
1 blk	Abilene	135@535.00/HD	
1 blk	Abilene	110@525.00/HD	
1 blk	Longford	150@500.00/HD	
1 red	Tampa	100@500.00/HD	
1 blk	Salina	90@500.00/HD	
BULLS			
1 rwf	Gypsum	2115@85.00	
1 blk	Bavaria	1870@81.00	
1 blk	Brookville	1965@78.00	
1 blk	Bavaria	2060@76.50	
1 rwf	Longford	2540@76.00	
COWS			
3 blk	Halstead	1722@63.50	
1 blk	Gypsum	1575@63.00	
5 blk	Halstead	1526@61.50	
3 blk	Halstead	1447@61.00	
1 blk	Gypsum	1170@61.00	
1 bwf	Brookville	1470@60.00	
BRED COWS			
14 blk	Halstead	3 yr @ 1850.00	
9 blk	Halstead	3 yr @ 1725.00	
15 blk	Sterling	5 yr @ 1725.00	
5 blk	Sterling	5 yr @ 1685.00	
10 blk	Sterling	6-8 yr @ 1335.00	
15 blk	Sterling	Broke @ 985.00	
THURSDAY, JANUARY 25 SALE:			
STEERS			
2 mix	Wilsey	403@199.00	
6 blk	Sedgwick	466@199.00	
12 blk	Galva	510@198.00	
2 blk	Geneseo	410@195.00	
5 blk	Osborne	506@195.00	
7 blk	Manhattan	534@191.00	
5 blk	Tampa	519@191.00	
5 mix	Tescott	506@190.50	
4 blk	Smolan	569@189.00	
66 mix	Salina	590@187.50	
5 blk	Assaria	579@187.00	
8 mix	Clay Center	581@187.00	
26 mix	Brookville	611@177.00	
3 blk	Inman	625@176.50	
14 blk	Tampa	598@176.00	
5 blk	Valley Center	601@175.00	
5 mix	Little River	619@173.50	
8 mix	Galva	628@172.00	
		39 mix	Lorraine
		15 blk	Salina
		5 blk	Valley Center
		6 blk	Mount Hope
		11 blk	Assaria
		6 blk	Smolan
		21 red	Bennington
		15 mix	Carlton
		7 blk	Delphos
		12 blk	Galva
		3 blk	Canton
		31 mix	Assaria
		18 mix	Tampa
		7 mix	Assaria
		16 mix	Lucas
		12 mix	Gypsum
		6 mix	McPherson
		31 mix	Falun
		413	Salina
		506	Inman
		504	Osborne
		501	Marion
		453	Salina
		516	Geneseo
		533	Mount Hope
		509	Manhattan
		458	Wilsey
		584	Geneseo
		432	Galva
		505	Ellinwood
		558	Lorraine
		683	Bennington
		572	Marion
		520	Newton
		566	Tampa
		611	Clafin
		592	Lindsborg
		626	Galva
		629	Lorraine
		601	Salina
		647	Valley Center
		685	Mount Hope
		694	Assaria
		657	Smolan
		781	Bennington
		727	Carlton
		708	Delphos
		723	Galva
		707	Canton
		790	Assaria
		808	Tampa
		854	Assaria
		818	Lucas
		813	Gypsum
		825	McPherson
		811	Falun

SPRING SPECTACULAR CATALOG HORSE SALE

Friday May 18: Rope Horse Preview, 1pm • Friday May 18: Ranch Horse Competition, 6pm
SATURDAY MAY 19: SPRING SPECTACULAR HORSE SALE- 10 AM

Consignments Due by March 1st

OTHER UPCOMING SPECIAL SALES:

Feb 24: Winney Angus Bull Sale, 1pm • March 5: Don Johnson Angus Bull Sale, 6:30pm
March 10th: Focus on Real Beef Bull Sale
March 13th: Wheatland Farms Angus Bull and Fall Cow/Calf Pair Sale- 12 Noon
March 24th: New Frontier Bucking Bull Sale- 11am

IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 6'8" X 24' GOOSENECK STOCK TRAILER METAL TOP
- 6'8" X 24' GOOSENECK STOCK TRAILER • 6'8" X 24' GR Stock Trailer Metal Top

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884

Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Jim Crowther
785-254-7385
Roxbury, KS

Lisa Long
620-553-2351
Ellsworth, KS

Cody Schafer
620-381-1050
Durham, KS

Kenny Briscoe
785-658-7386
Lincoln, KS

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

Austin Rathbun
785-531-0042
Ellsworth, KS

Cattle Sale Broadcast Live on LMAAuctions.com

1150 KSAL, Salina 6:45 AM - MON-FRI * 880 KRVN 8:40 AM - WED-THURS. *550AM KFRM - 8:00 am, Wed.-Thurs.

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE

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

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

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

SPECIAL COW SALES

Tuesday, February 20 • Tuesday, March 20 • Tuesday, April 17 • Tuesday, May 1

November 1st: Farmers & Ranchers switched to
LMA Online Auctions

Go to LMAAuctions.com



If you were an approved bidder on Cattle USA, your account has been switched over, please log in using the same email and password. If you were just a user watching on the internet, not approved to bid, you will have to create a new user account to watch online at LMAAuctions.com
Having Trouble Logging in or Still Have Questions? Please call 1 (800) 821-2048

Having Trouble Logging in or still have Questions?
Please call: 1-800-821-2048

EARLY CONSIGNMENTS FOR THURSDAY, FEBRUARY 1 SALE:

80 Steers, 800-850. 40 Heifers, 700-800. 45 Black Steers, Home Raised, Weaned, Vacc., 800-900. 35 Black Steers and Heifers, Open, 2nd Round Vacc., No Implants, Long Time Weaned. 10 Steers, Off Wheat, 800-900. 25 Steers and Heifers, Home Raised, 2nd Round Vacc., Long Time Weaned, 600-850. 20 Red Angus Steers, Weaned, 2nd Rnd Vacc, Off Wheat, 600-800. 45 Black Steers and Heifers, Home Raised, 3rd Rnd Vacc, Long Time Weaned, Open, 700-850. 62 Black Steers, 850-875. 60 Black Steers and Heifers, Home Raised, Long Weaned, Fall Vacc, 650-850. 60 Steers, Black, 850-900.

EARLY CONSIGNMENTS FOR TUESDAY, FEB. 6 Pre-Conditioned Sale:

15 Steers and Heifers, Black, Long Weaned, Vacc, 450-700. 30 Steers, Char Ang. X, Weaned in Nov. 800-825. 80 Heifers, Char Ang. X, Weaned in Nov. 750-775. 17 Steers and Heifers, Black, Long Time Weaned, Fall Vacc, No Implants, 650-750. 61 Mostly Heifers, Black and BWF, Long Weaned, Fall Vacc, Home Raised, Off Wheat, 600-650. 98 Black Steers and Heifers, Don Johnson Sired, Vermillion Bred Cows, 750. 35 Heifers, Mostly Black, No Implants, 650-750. 15 Black Steers, 600. 80 Black Steers and Heifers, No Implants, Long Weaned, Home Raised, 750-800. 50 Heifers, Black, Weaned Nov. 5th, 650-800. 30 Steers and Heifers, Black, Weaned 45 Days +, Knife Cut, Home Raised, 400-550. 20 Black Steers, 600-700. 75 Mostly Black Steers and Heifers, 550-650. 100 Mostly Black Steers and Heifers, 550-650. 23 Black and Red Angus Steers and Heifers, 650-850. 30 Steers and Heifers, Weaned in Oct. 2nd Round Vacc, Home Raised. 500-800. 72 Black and Red Steers and Heifers, Spring Hill Hereford Sired, 550-750. 19 Black Steers and Heifers, Home Raised, Long Weaned, 2nd Round Vacc, 550-650. 70 Black and Red Steers and Heifers, 600-700. 75 Black/Char.X Steers and Heifers, Home Raised, Long Weaned, 2nd Round Vacc, 500-700. 48 Black, BWF, RWF, Steers and Heifers, 2nd Round Vacc, 750. 45 Steers and Heifers, Black, Long Weaned, 2nd Rnd Fall Vacc, 600-700. 75 Steers, 600-750. 75 Steers and Heifers, 450-550. 250 Mostly Black, Steers and Heifers, Heifers are Replacement Quality, 550-800. 54 Black Steers and Heifers, 550-650. 90 Black Steers, Home Raised, 2nd Round Vacc, Long Time Weaned, 750. 60 Black Heifers, Home Raised, Open, 2nd Round Vacc, Long Weaned, 700. 75 Black Steers and Heifers, Home Raised, Long Weaned, 2nd Round Vacc, 500-700. 17 Black Steers and Heifers, Angus Source, 1 Rnd Vacc, Weaned 45 Days, 500-650. 160 Heifers, 600-650. 115 Black Steers and Heifers, 750. 45 Steers and Heifers, 500-650. 45 Black and Red Steers and Heifers, 600-800. 40 Mostly Black Steers and Heifers, Weaned Since Oct. 2nd Rnd Vacc. 550-600. 35 Black Steers and Heifers, 500-600. 70-80 Steers, 600-650. 130 Black Steers, Home Raised, Oct. Weaned, 750-825. 90 Black Steers, 650-750. 75 Black Steers, 400-700. 90 Black Steers and Heifers, 550-750. 130 Steers, 70 Heifers, Long Time Weaned, Home Raised, Angus Sired, 600-800. 30 Steers and Heifers, 450-600. 30 Steers, 800. 150 Steers, Mostly Black, 550-800.

EARLY CONSIGNMENTS FOR THURSDAY, FEBRUARY 8 SALE:

50 Strs, Red & Black Angus, Long Weaned, All Vacc.'s 800-900. 70 Black Strs & Hfrs, Home Raised, 2nd Rnd Vacc, Long Time Weaned, Open, GAR Sired, 750-850.

EARLY CONSIGNMENTS FOR FEBRUARY 20, SPECIAL COW SALE:

BULLS: 2, 2yr old Reg. Char. Bulls, Virgin Bulls, Polled, Semen and Trich Tested. REPLACEMENT HEIFERS: 160 Black Heifers, Home Raised, OCHV'd, 1100 lbs, Pelvic Exam and Measured, Pre Breeding Vacc, Extra Fancy. 65 Angus Heifers, Home Raised, OCHV'd, Pelvic Exam, All Fit Together, No Sort. 70 Angus Heifers, Pre Breeding Vacc, OCHV'd, Fancy, Home Raised, Some AI Daughters out of Special Focus. BRED HEIFERS: 20 Black Heifers. 12 Red Angus Heifers, OCHVd, Start March 15 for 30 Days, Home Raised, Bred Red Angus. HEIFER PAIRS: 10/10 Red Angus Heifers, Heifers are Peeper Origin, AI Sired by Rebel, Red Angus Sired Calves, 45+ Day old Calves, Worked. COWS: 81 Black Cows, All 4 Yr Olds, Bred to Ohide Angus Bulls, Start Feb 20th for 70 Days, all raised a calf every year. 16, Black, 4 Yr Old Northern Origin Cows, Start March 1st. 6 Running age cows, Red and Black, Start March 1st. 30 4-5 Yr. Old fall Bred Cows. 4 Running Age Cows. 5 Black Bred Cows, 5 Yrs Old. 25, 5 Yr. Old Cows, Bred Char. 40 Black and Red 3 Yr Old- Broken Mouth Cows, Bred to Black and Red Angus Bulls, Start March 1st. 51 Black and BWF Cows, 30 are Younger, 4-7 Years, April Calvers, 20 are Broken Mouth to Older, Feb. Calvers, Both sets are Bred to Upstream Hereford, Vacc, Wormed, and have all Raised a Calf. 90 Black Cows, 3-6 Yrs. Old, Bred to Black Angus or Char. Bulls. Spring Calvers, Possibly a few pairs. 100 Mostly Black Cows and Pairs, 5-Older, Bred Angus. 30-40 Bred Cows, 4-10 Yrs Old, Bred Angus. 40 Spring Bred Cows. 10 5 yr. old BWF Cows. 8 Cows, 3-6 Yrs Old, Bred to Black McCurry Angus Bulls. 20 Cows, Black, 4-7 Yrs Old, Bred Angus. 4/4 4 Yr Old Red Angus Pairs.

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

