ASS&GRAII

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64th Year

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January 8, 2019

Fairs sustain homestead lifestyle, ag interests Guide to Working with

Welcoming in 2019, resolutions and new year goals on living better abound with stronger focus on connecting all generations with agriculture.

Events like the Mother Earth News Fair, one of the largest and longest running sustainable-lifestyle events, returns annually to the Kansas Expocentre in Topeka each fall and five other sites across the U.S.

"The fair provides a living and breathing marketplace where participants can interact with exhibitors, authors and innovators whose passion for what they do is matched only by their authority in the agriculture industry," said Andrew Perkins, fair director.

Perkins said the two-day event in October focused on more than 8,000 participants who are interested in sustainable agriculture.

"It's all about grassroots living and focused on empowering folks to live more like 'grandma' may have," Perkins said. "The fair is designed to bring the pages of our Mother Earth News magazine to life."

Exhibitors and vendors demonstrated and discussed a vast array of agricultural products. More than 150 workshops and lectures inspired self-reliant lifestyles, Perkins said. "What you see in the

pages of our publication becomes even more real with an educational experience of ten to twelve stages with live speakers around the arena with presentations on anything from



Mother Earth News Fair returns annually to the Kansas Expo Center in Topeka, this year with featured speaker Dr. Temple Grandin, globally known professor of animal science at Colorado State University.

organic farming to honey bees," he said.

Led by local and national experts, fair topics covered food preservation, small-scale livestock, green building, organic gardening, natural health, renewable energy and many others.

Background of the Fair

Since 2010, the fair has included children's activities, heritage-breed livestock, country skills and vendor demonstrations from regional and national exhibitors offering agricultural products and services.

"The fair is a passport to money-saving hacks, DIY projects, health remedies and agriculture strategies from leading experts and entrepreneurs," Perkins

With six regional fairs throughout the U.S., the

Kansas site was unique due to the connection of the main headquarters of the flagship magazine. Mother Earth News is based in Topeka, said Nancy Heney, public relations coordina-

"It is always a lot of work to pull together, but definitely worthwhile to see it all in action with people from all walks of life from different communities who want to be more self-reliant," Heney said. "We hope everyone will learn something new about agriculture, natural wellness, a local shop to find a new skill."

Featured authors, creators and media stars frequently fielded questions from the audience and heard stories one-on-one. The fair allowed for networking across an array of fields, from health and beauty to ag-homesteading for profit.

Learning from the Best

Hundreds were attracted each hour to several large stages to hear agriculture lectures, presentations or demos from headliners.

One speaker, Dr. Temple Grandin, globally known professor of animal science at Colorado State University, is a consultant on animal welfare to several segments of the fast-food industry.

Grandin fielded specific questions directly from the audience about livestock behavior and handling with ways to keep animals calm and safe. Thanks to the small setting, participants were connected in direct

Grandin's methods were tailored specifically for small farms from her new book, Temple Grandin's

Farm Animals.

"Understanding the behavior, fears and instincts of livestock can help set up the most humane, healthy and productive systems and facilities on your farm,' Grandin said.

Grandin also shared her techniques for improved design of handling facilities, explaining how visual distractions can hinder animal movement through a handling facility.

Another featured speaker named Cyndi Ball shared stories from her educational homestead, Lazy B Farm. She is the mother of six home-schooled children and the wife of 30 years to her husband, Dave.

"Women represent the fastest-growing segment in agriculture today," Ball said. "Women's active role in farming has tripled in the last three decades."

As an avid educator, she said her greatest passion, outside of the home, is supporting women in agriculture as founder and president of the National Ladies Homestead Gathering, an organization that provides local community for women interested in agriculture.

"Even so, there is a loneliness that often accompanies women who choose this career," Ball said. "They need community, a place where they can share new ideas, celebrate victories, address challenges and cultivate relationships with like-minded women."

Vendors and Displays Interspersed in the workshop areas, more than

150 vendors displayed agricultural goods and services from across the world.

"I hope we inspire anyone who comes with an interest to get back to the basics," Perkins said. "We may not understand some of the components well enough since we're a generation or two removed from some of the practices. Some people can be intimidated by agriculture, so l hope they come here and are inspired to come here and do something about it."

For the first time this year, Heney said new hands-on workshops allowed participants to actually do whatever presenters are doing, like making cheese.

One hands-on presenter, Gianaclis Caldwell, is the author of four books on cheesemaking and small dairying, including Mastering Artisan Cheesemaking. Along with her family, Caldwell milks goats and makes cheese at Pholia Farm Creamery in Oregon.

"Some of the easiest cheeses to make are also the most versatile and delicious," Caldwell said. "You can make classics of ricotta and paneer with only one stop at the grocery store!"

The fair allowed for interactions with experts in the world of agriculture, with questions to ask directly to the source.

"No matter your personal interests you can count on quality agriculture workshops for field-tested, country-honed guidance that will set you free and put money in your pocket," Perkins said.

nsas has new academy to promote now-legal industrial hemp

(AP) — A northeast Kansas businessman is opening a new academy to train farmers to grow industrial hemp now that its production is legal.

Topeka Capital-Journal reports that Joe Bisogno's belief in the crop's potential inspired him to open America's Hemp Academy in DeSoto, about 20 miles southwest of Kansas City. It plans to offer four-day courses led by agronomists and bota-

Rural and Independent **Innovators Conference to be** held in Manhattan Jan. 28-29

The Rural and Independent Innovators Conference is scheduled to be held in Manhattan January 28-29 at the Bluemont Hotel, Upper Level, 1212 Bluemont Ave.

RIIC is for innovators who want to know when and how to move forward with their ideas and for

nists starting in January.

"Industrial hemp is not pot, but it is a pot of gold for Kansas farmers," Bisogno said during the acad-

emy's recent ribbon-cutting

businesses that want to grow through access to innovation. The day-and-ahalf-long conference will take people through the life cycle of getting from idea to commercialization. Attendees will hear informative discussions of topics such as how to pull together financing for early-stage and later-stage ventures, intellectual property, risk management, production and scalability, licensing, access to markets, and exit strategies. In addition, they will have opportunities to

Registration is limited. For more program details, contact ksbdc@washburn. edu or call (785) 587-9917.

trepreneurs.

interact with business support resources and other en-

For more information about topics and presenters visit https:// washburnsbdc.wordpress. com/2018/12/10/riic-program-details/.

To register go to https:// ksbdc.ecenterdirect.com/ events/24437.

ceremony.

Industrial hemp and marijuana come from the same species of plant, but hemp is cultivated to produce small amounts of THC, the main component in the cannabis plant that produces a high.

Legislators approved legislation nearly unanimously this year to allow for the production of industrial hemp for research purposes. Republican Gov. Jeff Colyer signed it in April and said the goal is encourage the resurgence of hemp as a production crop and promote economic development in rural Kansas.

President Donald Trump recently signed a massive federal farm bill that legalized hemp farming. U.S. Sen. Pat Roberts, a Kansas Republican who serves as Senate Agriculture Committee chairman, helped negotiate the measure's final version.

Colyer said farmers have expressed an interest, but that "There is a lot of work to do it right. It's not going to be for everyone."

Industrial hemp stalks can be converted to clothing, rope, carpeting, caulking, insulation, cardboard and newsprint. Seeds can be processed into coatings, solvents, varnishes, inks and fuel. Lotions, soaps and shampoos can be produced from stems, and CBD oil can be extracted from its flowers, an option for pain relief without the marijuana

Bisogno started the Mr. Goodcents sandwich-shop chain in 1988 and said his interest in hemp started five

years ago when he asked the Kansas attorney general's office whether hemp cookies could be produced at a DeSoto plant. The answer was no, but Bisogno didn't drop the idea, studied the hemp business and formed a company, KMC,

for Kansas Miracle Crop. The state's climate and soil are right for hemp because "Kansas can grow two crops a year. One in the spring and one in late summer or early fall," Bisogno said.

Faith and patriotism on display



This colorfully decorated round bale was spotted between Topeka and Dover recently.

Photo by Kevin Macy

Page 2 Grass & Grain, January 8, 2019

A Question Of Balance

"See that bay on this side? When you git a bar of

soap that's slick and takes the hide off, that will be

him!"

You know how you are at the wrong

place at the wrong time occasionally?

It happens to me all the time but this

time it was not me who was in the wrong

place at the wrong time. I was part of the

with us working sheep. We needed to

give the ewes their pre-lambing vaccines

and wormer. As always, the day was not

going as planned. We did not get started

in the morning like I wanted to, and I

was not very organized. Why my family

is upset every time we go to do some-

Like all good stories this one starts off

story, but I was not the person.

By John Schlageck. Kansas Farm Bureau

"I know farming is expected to be just another business. But I believe farming will always be a wav of life as much as a business for me.'

A longtime friend conveved this message at Kansas Farm Bureau's centennial annual meeting. He is not a retired farmer thinking of old ways and old days.

While he's cultivated and no-tilled many an acre, harvested thousands of bushels of wheat, raised countless cattle and more importantly a wonderful

COWPOKES®

family, this gentleman remains a vibrant, modern farmer from western Kan-

Truth be known, there are many, many like-minded individuals who take pride in their chosen professions of farming and ranching.

Without a doubt today's farmer/rancher knows verv well his or her vocation constitutes a business. Many carry a ton of debt on their shoulders while at the same time realizing their livelihood hinges on the fickle fate of Mother Nature. Still, they understand this business

By Ace Reid

DUST ON THE DASHBOARD

by Glenn Brunkow

it was intended.

was also pointed out that the person was

grumpy and not much fun to work with.

I probably did not take the criticism

with the love and support that I am sure

summed up as a little edgy and more

than a bit tense. I am quite sure that

we had gone past "civil discussion," and

right by "raised voices" to "all-out yell-

ing." I also admit that most of it was

from my hair-trigger; all I wanted was to

get this task done and I would finally be

semi-caught up. In my head this job took

The mood of the crew could be

of agriculture is more than dollars and cents. "My most important

possessions remain my family and way of life," my sage friend said. "That's who I am. That's who I will always be.' Some of his fondest

memories include late suppers during the bustle of wheat harvest with everyone gathered around the back end of a pickup, eating cold cuts as the golden Kansas sun sinks under the horizon on the wide-open Kansas plains. Other recollections involve covered picnics in the hay field on a late summer Sunday. How could he for-

get a story about a walk through the old red barn about midnight to check on a young heifer ready to calve while listening other cows shifting their stanchions and

chewing their cuds?

And the smells - not just manure, but freshly turned soil, or new-mown hay, a just-filled trench silo full of silage or a barn full of Holstein cows on a cold winter day. It's no secret the farm

and ranch vocation may be one of the few remaining holdouts where those who toil on the land seek to balance the headlong search for economic viability with emotional and spiritual well-being. Most family farmers

and ranchers have not lost sight of this tightrope act. They understand to stay in this business of farming/ranching, they must continue to learn how to farm more efficiently, and smarter. Without a profitable operation, they would be forced to leave their land. To exist anywhere else would be inconceivable.

hearts.

Farmers and ranchers remain emotionally tied to the sights, sounds, smells and the rewarding performance of planting, growing and harvesting crops as well as feeding, raising and continuing the life cycle of healthy livestock. The indefinable desire to carve out a life with the earth and sky remains an overpowering force that belongs in their

Could it be when asked about their vocation, farmers and ranchers often refer to it as a "business," rather than a way of life?

Or could it be they are wise enough to know - that must be their answer? John Schlageck is a lead ing commentator on agri-

culture and rural Kansas. Born and raised on a diversified farm in northwestern Kansas, his writing reflects a lifetime of experience, knowledge and passion.

Prairie Ponderings By Donna Sullivan

Christmas" call from my great uncle. Uncle Wally is my Grandma's younger brother. He's 95 years old and one of the most faithful, joyful people I've ever known. It got me started thinking about what I will call "Pillar People." You know, those people who are under no obligation to invest in your life, but they do anyway. For my whole life, Uncle Wally and his beautiful wife, Aunt Paulie, loved my siblings and I, prayed for us, gave us little nuggets of wisdom and even though they lived in another state, were always an important presence in our lives. When I was 21 years old, had two babies under the age of 18 months and was told the tumor we had found was at best Hodgkins disease and at worst, non-Hodgkins lymphoma, Uncle Wally called me, told me to put my hand on the tumor and he prayed. After the surgery that was supposed to take thirty minutes and took six hours, the surgeon told my parents, "We are sitting on a hot case of Hodgkins disease." Three days later he called to tell me the tumor was a very rare one that he'd never seen before and would probably never

answered Uncle Wally's prayer. Uncle Wally is one of many Pillar People I have been blessed with in my life. I've come to believe that regardless of how strong of a home we grow up in or how good of parents we might have, there will always be gaps that will need to be filled by other people. Teachers, 4-H leaders, church members, neighbors... they will all play important roles in making us whole, productive human beings. My husband and I threw everything we had into raising our kids, but just as my non-musical parents gave birth to a child who announced in second grade she wanted to play the piano and proceeded to find her own piano teacher – we brought little people into the world who also had interests we knew little to nothing about. Thank goodness there were people willing to step up

I encourage us all to think of the Pillar People in our lives and thank them for the influence they have had. It also makes me realize there are people God wants me to be a Pillar Person to as well. May He grant me the insight to recognize them, and the wisdom and willingness to have even a fraction of the impact on their lives that Uncle Wally and Aunt

This cannot be the year of talking. Of wishing. Of wanting. This has to be the year, you get it done!

- Eric Thomas



A few days before Christmas I received a "Merry see again. It was benign. I will always believe God

and teach us what we needed to know.

Paulie had on mine.

KDA announces **Riparian Quality Enhancement**

The Kansas Department of Agriculture-Division of Conservation announces the Riparian Quality Enhancement Initiative (RQEI) to provide financial assistance for the enhancement of riparian areas. This initiative will be made available to designated areas within the Delaware River, Stranger Creek, Little Arkansas River and Rock Creek watersheds. Riparian areas are the vegetation and habitats along rivers and

streams.

support practices that provide new alternative water sources, increase riparian fencing, and enhance the riparian area. Projects will receive 80 percent cost share, with a limit that varies based on the type of project; funding will be through the Riparian and Wetland Protection Program. The streams that have been targeted for this initiative were selected because they are labeled as Total Maximum Daily Loading (TMDL) for E. coli or fecal coliform bacteria by the Kansas Department of Health and Environment. All areas that are part of a producer's grazing system are eligible for cost share — pasture, range and cropland - so long as livestock have access to the riparian area for water or shelter. Interested producers

should consult with their Conservation District or the USDA Natural Resources Conservation Service to submit a project proposal. All applications for the RQEI will be due by Feb. 15, 2019, and successful applicants will be notified by March 15, 2019. For a full list of practic-

es that can be included in the RQEI initiative, a map of the targeted watersheds, additional program guidance, along with a link to contact information for Kansas Conservation Districts, go to agriculture. ks.gov/Riparian.

thing because I don't have my ducks in a couple of hours in the morning, leaving a row is beyond me. Either they have the afternoon to cross other items off my faith that I will change my habits, or they to-do list. That was when we bent the needle. have not realized that it is a terminal condition. Bending a needle when vaccinating is not I had all the vaccine (although not an uncommon occurrence and usually nearly enough) I just did not have my not something to be alarmed about. But syringes in working order. I am not sure as I said, things had gotten a bit tense. why; the simple answer is that I had The needle was bent, and it was going to two good ones and did not think about take a pair of pliers to remove it. Norneeding a third. We have no shortage mally we have pliers in the box with the of syringes, only a shortage of working, spare needles and such. Not today. Being senior management and therefore lowest non-leaking syringes. The chalk markers on the chain of command it was decided by a 3 to 1 vote that I would go get the pliers. As I walked up toward the house, the son of a friend came walking to me. He had hunted on our land before and is always welcome to hunt, but my caveat is that you stop and ask every time. That

was what he was doing, but at the wrong time. He asked if he could hunt on my alfalfa field, which would have been fine, except I have no alfalfa field. After a series of short questions and answers it was determined to be a neighbor's field. He asked where the neighbor lived. I am not proud of my answer, but I said, "In his house" and walked off leaving him in stunned silence. After that the sheep working went better and we eventually finished. In a

day or two the rest of my family even started talking to me again. Before we had even finished, the weight of what I had done to that poor young man set in and I felt bad. That evening I made the call of shame and apologized for my terse answers and all was good. While I am not proud of what I did, I took a bit of solace knowing that it is not always me who is in the wrong place at the wrong

time. At least that is what I told myself

in my head.

EARL "GOSH, EARL... WITH ALL THAT WINTER CLOTHING ON YOU LOOK JUST LIKE A BEACHED SPERM WHALE!" Big Dry Syndicate **GRASS & GRAIN (USPS 937-880)** The newsweekly for Kansas and southern

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we use so that no ewe gets two rounds of shots, that was on me. I thought I knew where they were, but I had not physically located them. Never mind, I had four extra hours because my help did not show up before noon. In the end, I did have the paint markers and I did find them, however, the search set us back When we had finally located all the necessary equipment, got everything in working order and had organized our process it was time to catch the ewes. We had no fewer than three ideas from

the four of us on how that should go. Tatum, being the smart one, stayed neutral like Switzerland. My idea on how it should go was quickly voted down by a count of 3 to 1. The other two ideas were debated and finally a plan was decided To say that things did not go smoothly in the beginning is a bit of an understatement. Honestly, the working plan was not a bad one and later proved to

work with some efficiency. But it did not start off on the right foot. Most of the failure was due to a problem with the facilities and it was quickly pointed out who is the person in charge of the management of those very facilities. It

Guest Editorial

By James Palmer, TSCRA director and Agriculture Research and Education Committee chair

believe that cutting back on the amount of beef we eat or taking meat off the dinner plate altogether will go a long way toward stopping global climate change or solving worldwide environmental problems. Those people believe animal agriculture is unsustainable and wasteful and would prefer to see smaller farms and ranches, more labor and fewer inputs.

Their intentions may be good, but the facts on which they base their assertions seem to be shaky. Beef provides humans with nutrients our bodies need in a form our bodies can readily digest. The business of U.S. beef production supports the worldwide food supply with the smallest carbon footprint compared to the footprint of other fundamental services humans need to survive.

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us — drought, abundance, There are those who flood or blizzard. We know how to adapt to the changes man causes — market swings, expanding cities and changing consumer preferences.

We know how to be sustainable because we know how to adapt to keep our resources healthy and to produce a food that meets a fundamental nutritional The

how to change our opera-

tion to adapt to the vari-

ables Mother Nature gives

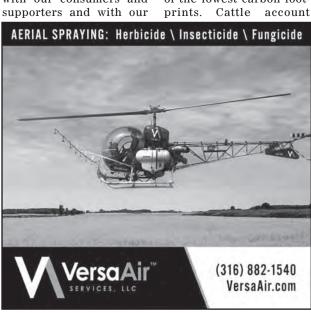
fact that there are still ranchers in the U.S. proves my point. The same cannot be said of the once-giant Pan Am, Kodak and Blockbuster. Remington typewriters used to be found in every office. Now they are found in nearly every antique store in rural Texas. Either these businesses would not or could not adapt.

U.S. ranchers are the bedrock of a sustainable industry. Science supports our sustainability. We have good stories to share with our consumers and simply do not understand our work processes or management ethic.

U.S. ranchers do more with less. We produce 18 percent of the world's beef with only 8 percent of the world's cattle.

Compared to 1972, today's farmers and ranchers produce the same amount of beef with onethird fewer cattle. We can do this because our thought leaders have studied the genetics that make cattle better and more productive. They have studied the nutritional needs of our cattle and educated ranchers about how to meet those needs. We have studied the effects of stress on our cattle and are committed to managing our cattle for their best while causing them the least amount of stress.

Of the important industries of our age - transportation, electricity and food production — U.S. beef production has one of the lowest carbon foot-





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In this holiday season, when the weather may be turning colder for some

Grass & Grain, January 8, 2019

areas, you can be sure many a ranching family will be celebrating with a beef meal. You can be equally sure those ranching families are sitting down to eat after they have checked the cattle

and made sure that the

herds were safe behind

good fences with fresh water and plentiful feed. Science proves that the U.S. beef producers con-

tinually improve where we can. The fact that we still are U.S. beef producers proves that we feel responsible for the resources entrusted to our care and are proud to provide safe, wholesome beef for the world's population.

Kansas milk production up 5 percent in November

Milk production in Kansas during November 2018 totaled 303 million pounds, up 5 percent from November 2017, according to the USDA's National Agricultural Statistics Service. The average number of milk cows was 160,000 head, 7,000 head more than November 2017. Milk production per cow averaged 1,895 pounds.



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Darleen Bernhardt, Tecumseh, Wins

Weekly Recipe Contest & Prize Winner Darleen Bernhardt, Tecumseh: CHEESY ALFREDO PASTA

1/4 cup butter

1 teaspoon minced garlic

1 cup heavy whipping cream

3/4 cup grated Parmesan cheese 1 teaspoon pepper 1/2 teaspoon salt

ing to package

In a large saucepan melt butter. Add garlic and cook for 1 minute. Add cream and cook for 2 minutes. Add cheese, pepper and salt stirring until cheese is melted. Remove

12-ounce package extra wide egg noodles, cooked accord-

from heat. In a large bowl stir together sauce and cooked pasta. Serve immediately.

Lucille Wohler, Clay

Center:

ново роисн

Cabbage leaves Hamburger patties Peeled & sliced carrots Peeled & sliced large potatoes

Onion slices Salt & pepper

Paprika, garlic, onion salt, optional

Place hamburger patty onto cabbage leaf. Top with 1 sliced carrot, 1 sliced large potato and an onion slice. Salt and pepper top and add other spices if desired. Wrap in foil. Make as many as desired and bake at 350 degrees for 30 minutes or until hamburger is done.

phos: SOFT GINGERBREAD COOKIES

Darlene Thomas, Del-

2/3 cup unsalted butter, softened

3/4 cup packed brown sugar

2/3 cup molasses 1 large egg

1 teaspoon vanilla 3 1/2 cups flour

1 teaspoon baking soda

1/2 teaspoon salt 1 teaspoon ginger

1 tablespoon cinnamon

1/2 teaspoon allspice cloves. teaspoon ground

Icing & assorted candies as decoration (as desired)

In a large bowl beat butter for 1 minute or



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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

Add brown sugar and molasses then beat in egg and vanilla: set aside. Sift flour, baking soda, salt, ginger, cinnamon, allspice and cloves. Mix into butter mixture (the dough will be thick and slightly sticky). Divide dough in half and form into 2 discs and wrap tightly with plastic wrap. Chill for at least 3 hours. Preheat oven to 350 degrees. Line 2 large baking sheets with parchment paper and set aside. Generously flour a work surface and rolling pin. Roll out one disc 1/4-inch thick. Cut into desired shapes. Place on cookie sheets at least 1 inch around each cookie. Bake 9 to 10 minutes or until cookies are set around the edges and darkened in color. Cool on sheets for 5 minutes. Decorate as desired with icing or candy. Store in an air-tight container for up to 5 days.

until smooth and creamy.

Kimberly Edwards, Stillwater, Oklahoma: **BUTTER BARS** Laver 1:

1 cake mix (any flavor)

1/2 cup melted oleo Layer 2:

8 ounces cream cheese 3 1/2 cups powdered sugar

Mix the cake mix, egg and melted oleo and press into 9-by-13-inch pan. Beat cream cheese, powdered sugar and 2 eggs to blend. Pour over cake dough. Bake at 350 degrees for 40 minutes.

Rose Edwards, Stillwater, Oklahoma:

MEATLOAF MINIS 1 package stuffing mix

1 cup water 2 tablespoons barbecue

sauce 1 pound ground beef

1 cup shredded Cheddar cheese Preheat oven to 375

degrees. In a large bowl

combine stuffing mix, water and barbecue sauce. Add beef and mix lightly but thoroughly. Press 1/3 cup mixture into each of 12 ungreased muffin cups. Bake meat loaves uncovered until done, 18-22 minutes. Sprinkle tops with cheese and bake until cheese is melted, 2-4 minutes. If desired, serve with more barbecue sauce.

Kellee George, Shawnee:

APPLE PANCAKE **SYRUP**

6-ounce can frozen sugar-free apple juice concentrate, thawed

3/4 cup water 1/2 teaspoon lemon juice

1 tablespoon cornstarch 1/4 teaspoon cinnamon Mix all ingredients in a

saucepan. Cook over medium heat stirring frequentlv. until thick and reduced by half, about 15 minutes. Serves 4-6.

Lydia Miller, Westphalia:

OVEN ROASTED CARROTS

2 pounds baby carrots 4 small onions, quartered

6 garlic cloves 2 tablespoons olive or veg-

etable oil 2 teaspoons white wine vinegar or cider vinegar 1 to 2 teaspoons dried

thyme 1/2 teaspoon salt

1/8 teaspoon pepper

Put carrots, onions and garlic in 2 greased 15-by-10-by-1-inch baking pans. Drizzle with oil and vinegar. Sprinkle with thyme, salt and pepper; gently toss to coat. Cover and bake at 450 degrees for 20 minutes. Stir and bake uncovered for 10 minutes: stir again and bake 10 minutes longer: stir again and bake 10 minutes longer or until carrots are crisp-tender.

The last two are from Millie Conger, Tecumseh:

SATURDAY, JANUARY 12, 2019 — 9:30 AM

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dian Motorcycles, Mobilgas, Buf-

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(785-594-0505) (785-218-7851) "Serving Your Auction Needs Since 1994" Please visit us online: www.KansasAuctions.net/elston for 100+ pictures! 1-2 apples, thinly sliced 2 cups baby carrots

2 pounds pork loin

tard

2 cups baby potatoes

3 cloves minced garlic 3 tablespoons honey

2 tablespoons soy sauce 1 tablespoon dijon mus-

1 tablespoon balsamic vinegar 1 tablespoon cinnamon

Salt & pepper to taste Using a knife, make

series of small parallel cuts across the length of the pork loin and fill each with an apple slice. Place carrots and potatoes in the bottom of a crock-pot, then place the apple filled pork loin on top. Whisk together honey, soy sauce, mustard, vinegar, cinnamon and minced garlic in a small bowl then pour over the pork and vegetables. Salt and pepper to taste. Cover and cook on high 3-4 hours or on low 6-8 hours.

> **SWISS CHEESE POTATOES**

8 large potatoes, peeled & cubed 1 1/2 teaspoons salt, di-

vided

2 cups chopped celery 3/4 cup chopped onions

1 1/2 cups shredded Swiss cheese, divided 2/3 cup milk

> 2 tablespoons butter 1/4 teaspoon pepper

> > Place potatoes and

1 teaspoon salt in a Dutch oven: add water to cover. Bring to a boil. Reduce heat, cook uncovered 10 minutes. Add celery and onion; cook until the vegetables are tender, 10-15 minutes. Drain and transfer to a large bowl. Mash the hot potato mixture gradually adding 3/4 cup cheese, milk, butter, pepper and remaining salt. Transfer to a greased 8-inch square baking pan; sprinkle with the remaining cheese. Broil 3-4

5-8 minutes.

inches from the heat until

cheese is lightly browned,

How-to Clean Stainless Steel By Nancy C. Nelson, Meadowlark Extension

District, Family Life Are you shopping for a stainless steel appliance or

cookware? As part of the purchasing decision think about the cleaning and care. At The American Cleaning Institute® they get asked how to clean stainless For those of you who have this wildly popular finish on appliances, pots and pans, and more, they rec-

ommend using a professionally-formulated cleaner designed for use on stainless steel. Here are some other tips they provided to Consumer Reports earlier Step 1: Dip a soft cloth in warm water mixed with a mild dish detergent. Wipe the surface, rinse the cloth and wipe again, then dry with a towel to prevent water

Step 2: If you still see fingerprints, spray a glass cleaner onto a soft cloth and wipe fingerprints away.

Step 3: To remove baked-on food and grease, make a paste of baking soda and warm water. Gently rub onto the surface using a soft cloth or sponge. Wipe with a clean wet cloth and towel dry. For scratches and stains, use a stainless steel cleaner and apply to the area, following directions. Rinse with a clean damp cloth, then dry.

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Six Mindful Ways To Revolutionize Your New Year's Resolutions

This post is written by Tara Sowlaty and Jesse De Lowe of How You Glow is sponsored by The Incredible Egg. All opinions

expressed are their own. (NAPSI) — We all know that the typical "New Year resolutions" we frantically set as January 1st approaches typically FAIL. This year, we want to inspire a Resolution Revolution. That means instead of swearing off every guilty pleasure and turning our lives completely upside down to be healthful, we encourage you to commit to layering in simple additions to your life that will actually change your health for the better in the long-term. This holistic. gentle approach is truly #howyouglow. Let's celebrate "Ditch New Year's Resolution Day" together on January 17, and, instead, let's focus on a total wellness journey – including delicious ways to meet goals — using

a mind, body and soul

So, in honor of beating the crazed holiday rush, we're going to get ahead and share some wholesome, mindful ways you can upgrade your life on a day-to-day basis, laying the groundwork for your glowiest year yet! Now is the time to mentally prepare yourself for a long-term lifestyle shift, rather than stressing over short-term lists of specific goals that you "need to achieve." which often sets you up for failure. Looking for somewhere to start? Something as easy as adding nutrient-dense, protein-packed into your diet can be a conscious way to elevate your meal. Eggs are pretty much a perfect food in our opinion they keep us feeling

full, yet light, and en-

ergized, yet balanced.

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Adding in a perfect form of nourishment, such as eggs, into your diet allows you to maintain a sense of focus so you can make the right choices throughout your day.

Why are eggs so glowy? Eggs are a nutritional powerhouse, with one large egg containing 6 grams of high-quality protein and nine essential amino acids, all for 70 calories. Even better? There are several nutrients that are uniquely found in eggs. For example, eggs are one of the richest food sources of choline, which is important for fetal brain development and maintaining optimal brain function later in life (we're looking at you mamas to be!!). Eggs are also one of the only natural sources of vitamin D, providing 41 IU per large egg — aka, we'll be eating eggs all winter long. The delicious yolk is our favorite part, and if you are someone who avoids it, we encourage you not to!! Yolks contain most of the egg's nutrients like choline, vitamin B12, selenium and more than 40 percent of the protein in an egg. 40 PERCENT, YOU GUYS! The volk also includes fat-soluble nutrients like vitamin D, E, A. and the carotenoids. lutein and zeaxanthin. For more information and recipe inspiration, check out the Incredible

OUR GLOWY RESO-

Egg website!

1. MINDFUL GRO-CERY SHOPPING: Transform grocery shopping into a mindful practice by making a list beforehand so that you enter prepared to make the right choices. Try to avoid processed foods and stick to fresh, whole foods. Our trick to doing this: Spend most of your time on the pe-

Price includes

labor and material.

rimeter of the grocery store where the produce and refrigerated items are. The goal is to eat as many colorful veggies as possible and pack your cart with nutritious proteins. Shopping on a budget? Eggs are one of the most affordable sources of high-quality protein, allowing you to eat well no matter what your budget is!

MINDFULNESS TOOLS: Build a mindfulness tool kit! We love to keep palo santo, crystals, sage and essential oils handy to provide a sense of calm and relaxation on the daily. Once vou find what works for you, create a daily + evening ritual that serves you. We always start the day by lighting palo santo and performing a loving kindness meditation using a rose quartz crystal. Then, we end the day with lavender essential oil aromatherapy.

3. COOK MORE: Instead of ordering in or going out when you're in a rush, prepare nutritious "fast food" that you can make at home. Our favorite go-to ingredient for making a wholesome last-minute meal is a hard-boiled egg, perfect for topping avocado toast (a morning must-have for us!), lunchtime salads, or even just sprinkling with salt and pepper for an easy on-the-go snack. If you keep a carton of eggs

Antique Sessions & Haven man-

tel clocks; Spinnet piano, nice; 6

vintage steel blade fans; asst. of

old records & cameras: 5+ cast

iron kettles; Marival Rosin 1/4

size lion; conference style table,

custom made marble top, 4x12', one-of-a-kind!; Maytag HD wash-

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does not exist!

4. JOURNALING: Set ing when you wake up and write down reflecand actions as well as to write down what we're a simple reminder.

a blast!!)

6. MEDITATE: Take some time to still your mind and breathe. Meditation doesn't have to look any certain way ... maybe a walk on the beach, a hike, or a yoga class can be your meditation. We recommend meditating with a friend as it creates a deeper connection!

in your fridge, you can always whip up something delicious and full of high-quality protein to help keep you fuller, longer. Obviously, there's avocado toast, but think bigger: veggie frittata, paleo banana pancakes, etc... the limit

intentions every morntions from the day before you go to sleep. Journaling like this is a fool-proof way to bring awareness to your goals make improvements in your life. We also love to grateful for every day as

5. ART: Get creative!! Wake up your soul by making something with your hands! Collage, paint, draw, whatever you have access to! If you don't have any art supplies, you can use whatever you have around the house (we used our eggs as a canvas and had

er & dryer; Century Furn. BR & DR sets, nice; Broyhill 4 pc. BR

suite, vintage; Tex-Tan Westerr

saddle; Craftsman radial arm

& table saws; 2 Coleman lan-

terns; vintage McIntosh stereo w

speakers; lots of vintage items &

shop tools, glass, cloth, etc.

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Grass & Grain, January 8, 2019

Home and away Нарру

By Lou Ann Thomas Happy New Year!

We're one week in and I hope that all is going well for you and that if you set New Year's Resolutions, they remain intact.

I no longer make resolutions, but I do set intentions and goals for the New Year. The transition from old to new offers us such a natural opportunity for reflection and for identifying how we'd like to do and be better. And that's really for what we all hope, isn't it?

That's what New Year's Resolutions are all about. We make them as a way to hold ourselves to a commitment to "be better". According to About.com, the top three New Year's resolutions are all about improving our lives. The New Year is a perfect time to resolve to do things like invest more time with family and friends, eat healthier, exercise more, because it represents a fresh start, a new beginning, and the recognition that our past mistakes are just that - past.

Mental health professionals suggest that if you made resolutions this year, be sure you aren't setting yourself up for failure with unrealistic expectations. You probably don't have super powers; so don't attempt to do more than you logically can do. For instance, for me to make a resolution to not eat any chocolate in 2019 would have already resulted

in a huge fail! But setting the intention to not eat an entire package of the delightful sweet treat in one sitting might be something I could do. Maybe. With a great deal of luck, an iron will, and having someone present at all times to physically pry the package from my chocolate-loving death-

Apparently I'm not the only one who struggles to keep their resolutions. Researchers, Polvy and Herman, in their book, "If At First You Don't Succeed," say that 25 percent of our resolutions will be abandoned in the first 15 weeks of the new year, and each resolution is made an average of ten times before it sticks. But that's no reason to give up goal setting or to not have expectations for a better year or creating a better you. Goals, intentions and resolutions, help us focus on how we might grow and be more of that "better" we know we can be. And if you falter or wander off, just get back on the trail. You ha-

still trying. Whatever you resolved for the new year, or whatever goal you may have set or will set in the future, it might be helpful to give yourself a break and remember the quote by M.H. Alderson: "If at first you don't succeed, you are running about nor-

ven't failed as long as you're

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WEDNESDAY, JANUARY 23, 2019 LOCATION: From Dighton, KS on Highway 96, 8 miles East to Turkey Red Rd., 3 miles North to Rd. 180 and 3.5 miles East. From Beeler, KS on Highway 96, 5 miles North on Rd. C, 2.5 miles West.

TRACTORS 1989 CIH 9170 tractor, 4-wheel drive, duals, good rubber, (4) remotes, JD ATU autosteer, 10,026 hrs.; 1989 CIH 9180 tractor, 4-wheel drive, duals, (4) remotes, 9,486 hrs.; 1976 IHC 1086 tractor, 5,823 hrs., 3pt., pto w/1998 GB loader & grapple; 1979 JD 4640 tractor, duals, 3pt., pto, 9,688 hrs. w/JD ATU autosteer; 1981 MF 4840 tractor, 4-wheel drive, duals, (3) remotes, 4552 hrs.; 1979 Versatile 835 tractor, 4-wheel drive, duals, 855 Cummins motor. 9,128 hrs.; 1981 Case 2590 tractor, duels, 7,856 hrs., 3pt. pto, w/DuAll loader & grapple. SPRAYER & SWATHER

1997 Melroe Spray Coupe 3440, 4 wheel-120" width, 2,977 hrs., 60' boom, Raven Cruiser autosteer: 1999 New Holland self-propelled swather, 4,178 hrs., 18' head **TRUCKS**

2002 Peterbilt 379 semi-truck, ext. hood, C-15 cat motor, 13 spd. trans.; 1990 Peterbill 378 semi-truck, 9 spd. trans., small Detroit motor; 1975 Ford F-700 truck, 4x2 spd. trans., V-8 motor, 16' bed & hoist, roll over tarp; 1965 GMC truck, 4x2 spd. trans, V-6 motor, 14' bed & hoist; 1964 Dodge truck, 16' bed & hoist.

TRAILERS 1977 Timpte grain trailer, 38', tarp; 1989 Merrit 48' cattle pot, 96" wide w/jail; 1973 Wilson wide w/jail; 1973 Wilson 44' cattle pot, 96" wide; 2009 Dakota 38' aluminum grain trailer w/ electric tarp; 2013 Shop built 40' triple axle spray trailer, w/1350 gal. water tank, pump & inductor; Shop built water trailer, gooseneck, 1,000 gal. tank; 1998 Trav-A-long gooseneck livestock trailer, 7x24; 1987 Ea-

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sley single axle livestock trailer, gooseneck, 5x20; 1960 Sali King end dump trailer, 20'.

FARM EQUIPMENT 1992 CIH 900 cyclo planter 12-row w/fertilizer; Great Plains 45' air hoe drill, 12", 175-bushel cart, 1992 Great Plains solid stand folding disc drill, 7.5x24' 1981 Richardson 9x5 sweep plow w/pickers; Flex King 7x5 sweep plow w/pickers; JD 330 disk, 30'; Bush Hog 30' chisel plow; Rhino 3 pt. rear blade, 10'; Speed mover, 8'; A&L grain cart, 650 bushels; Hutchinsor 40'x8" auger, pto; Crustbuster folding drill, 28'x12"; Noble 5x6 sweep plow; FK 48' folding rod weeder; JD 653A row head,

6-row; AC 7-bottom plow.

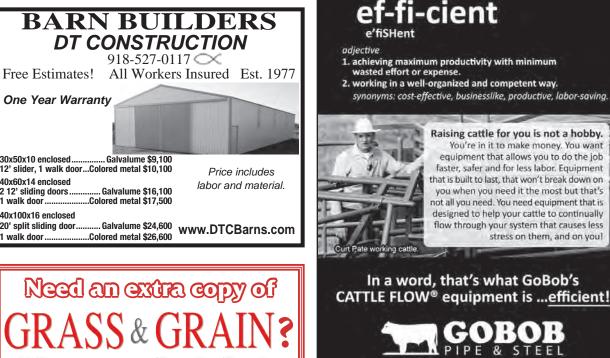
PICKUPS 2011 Ford F-150 pickup, 4x4, V-8 motor. crew cab, auto., 182,000 mi.; 2005 Dodge 3500 pickup, 4x4, 6 spd. trans., 5.9liter Cummins motor, 145,000 mi. w/Dew Eze 778 bale bed; 2002 Ford F-250 pickup, crew auto.; 2004 Dodge 2500 pickup, 5.9 Cummins motor, 6 spd. trans, w/ Dew Eze 482 bale bed 1993 Dodge pickup 5.9 Cummins motor, 5 spd. trans., flatbed, needs transmission; 1974 Chevy pickup, 350 motor, 4 spd. trans., 4x4; 1998 Ford F-150 pickup, 4.2-liter V-6 motor, 4x4, 5 spd. trans., flatbed w/ Bar Six cake feeder; 1999 Ford F-250 pickup, 4x4, auto., non-running; 1965 Chevy pickup 6 cyl. motor,

4 spd. trans **CATTLE ITEMS** LH creep feeder, 160 bu.; as-

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Crossing the Kansas River

In 1829, a new treaty was negotiated to move the Delaware people from Missouri to Indian Country in "Kansas." The new Delaware Reserve was north of the Kansas River. It consisted of that portion of what is now Wyandotte County and substantial portions of Leavenworth and Jefferson counties. The reserve also includ-

ed an outlet, two hundred miles long, to allow hunting access to the buffalo in The reserve contained

just under one million acres. Including the outlet to buffalo country, the total reserve amounted to over two million acres. The river bottom along the north bank of the Kansas River was the essential

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part of the deal, providing excellent farm and village sites. The treaty for the proposed reserve was concluded October 19, 1829, at a camp that eventually became present-day Kansas City, Kansas.

The first immigration of Delaware people took place one year later when Chief William Anderson led sixty-one individuals supported by only two wagons. They arrived at the new reserve on December 30, 1830. In January, 1831, Moses

Grinter, a twenty-one-yearold Kentuckian, began a ferry business over the Kansas River. According to noted research historian Louise Barry, "The date and circumstances of the founding... cannot be stated with certainty." According to one account Grinter was a soldier at Cantonment Leavenworth (the early Fort Leavenworth) in 1828. Another account says that he came directly from Kentucky to open the ferry in 1831. In either case, because he was not Delaware. Grinter's settlement and operation of the ferry on the Delaware Reserve required authorization by the federal government. Additionally, the new

military presence at Cantonment Leavenworth required a dependable Kansas River crossing. Moses Grinter's ferry served that purpose and was known as the Military Crossing or the Delaware Crossing of the Kansas River. One year before the

ferry was established on January 5, 1830, Prince Paul of Wuerttemberg, a German principality, described the "Wooded hills" with "clusters of lofty trees" and small prairies of the Kansas River valley. He forded the river at the approximate location that would become Grinter's Ferry. Prince Paul noted, "Traces of cultivated ground, and the possession of cattle, and even a few black slaves, already indicate the change which may be wrought in the course of time, and under a free, and pacific government." Unrecognized but hidden within Prince Paul's statement was the certainty that the course of time would bring this nation ever closer to "a free and pacific government" like the ebb and flow of the ocean's tide, inevitably moving each grain of sand toward its intended destination. Delaware settlement

on the reserve continued throughout the year of 1831. Grinter, joined by his brother James, maintained a brisk business at the popular Delaware Crossing. The Grinters build a log cabin on the bluff north of the Kansas River, John Dunlap, the contract blacksmith for the Delaware also worked out of the cabin. The blacksmith shop drew locals and travelers to the sociable atmosphere fostered by the presence of forge, hammer, and anvil. John T. Irving, Jr. chronicled his travels in 1833 with U.S. Indian Commissioner Henry L. Ellsworth. J.T. Irving; At Grinter's Ferry, "We disembarked (from the ferry) and galloped up the bank. On the top was a large log house, inhabited by the blacksmith of the

Delaware Indians.' Nearby was "Old John" Marshall. The trader and agent had been with the Delaware people from their days from Indiana to Missouri and finally to the new reserve in Kansas. It is not known exactly where they made their home, but it is supposed they lived on Marshall Creek, named for the family. Marshall's wife, Betsy, was a Lenape Delaware woman. Four sons and three daughters were born to the union. Moses Grinter, being a

young man living alone on the frontier, was naturally attracted to eighteenyear-old Anna Marshall. The couple was married in January of 1838.

Over the years Grinter built a trading store on his property. The inventory consisted of about one hundred sixty types of goods including clothing, powder and bullets, perfume, sugar, scissors. and typical frontier items. The surrounding land was planted to crops and an apple orchard. The farm also produced poultry and livestock.

Grinter Place still overlooks Moses Grinter's Ferry at the Delaware Crossing. Through the assistance of the Junior League of Kansas City, Kansas, and the Grinter Place Friends, the State of Kansas acquired the site in 1971. Today, the Kansas Historical Society administers a large visitor's center as well as the historic two-story brick house. Located at K-32 Highway and 78th Street, the Grinter Place State Historic Site is a great place to visit and feel the adventurous frontier life on The Way West.

"The Cowboy," Jim Gray is author of the book Desperate Seed: Ellsworth, Kansas on the Violent Frontier, and Executive Director of the National Drovers Hall of Fame, Contact Kansas Cowboy, 220 21st Rd., Geneseo, KS Phone 785-531-2058 or kans as cowboy @kans.com.

Coffee Shop Ag Meetings begin January 10

Soybean Tech Traits will be the topic on January 10, 2019 at the first session in this year's Coffee Shop Agronomy series of educational meetings, organized by the Riley County Extension Service. Bill Schapaugh, K-State Research & Extension Soybean Breeder, will be the featured speaker.

Coffee Shop meetings will be held at Nelson's



Landing in Leonardville, starting at 10:30 a.m. and adjourning by 12:00 noon every other Thursday from January 10 through February 21.

Meeting dates, topics, and speakers are:

January 10 — Soybean Tech Traits - Bill Schapaugh, K-State Research & Extension soybean breed-

January 24 — Beef Cattle Health Management — A. J. Tarpoff, K-State Research & Extension beef veterinarian

February 7 — Grazing Cover Crops — Jaymelynn Farney, K-State Research & Extension Southeast Area beef systems special-

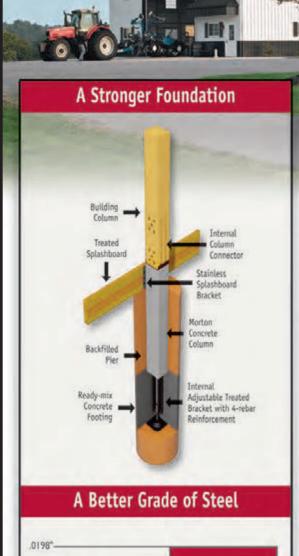
February 21 — 1031 Exchange Requirements & Merits of Different Types of Entities - Mark Dikeman. Kansas Farm Management Association associate director

Coffee Shop meetings are sponsored by the KSU-Riley County Extension Service. Additional sponsors include: Frontier Farm Credit, Central Valley Ag, NK Seeds, Performance Ag, and Sump Ag.

For more information or to make reservations to attend, contact Riley County Extension Agent Greg McClure at 785-537-

Reservations are requested by noon the day before each meeting.





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thority (KWA) met in Wichita last month for their December meeting. The KWA received updates on water priorities in the state but two main topics were the focus: 2019 Surplus Water Report and the Annual Report to the Governor and Legislature.

The KWA received updates on vital water projects and issues in the state including current interstate compacts, the Kansas Water Reservoir Protection Initiative, Harmful Algal Blooms as well as the Water Technology Farms. The KWA approved the 2019 Surplus Water Report, and agreed to allow the Kansas Water Office to

enter into Feasibility Cost Sharing Agreement with the U.S. Army Corps of Engineers for the Kansas River Reservoirs Flood and Sediment Study. The KWA approved the 2019 Annual Report to the Governor and Legislature and they also heard a presentation regarding non-public household water wells. The host was American AgCredit and the lunch was sponsored by KITS and 96 Agri Sales.

KWA approves 2019 Surplus Water Report

The KWA is responsible for advising the Governor, Legislature and Director of the Kansas Water Office on water policy issues. They also ensure that water policies and programs address the needs of all

as advisors of the Kansas Water Vision and Kansas Water Plan. The KWA was established in 1981 and consists of 13 voting members who are appointed by the Governor or Legislative leadership. State agency directors serve as ex-officio members.

The next meeting will be in Topeka in January. The KWA meetings are throughout the year and for additional information and other upcoming meetings, visit www.kwo.ks.gov.





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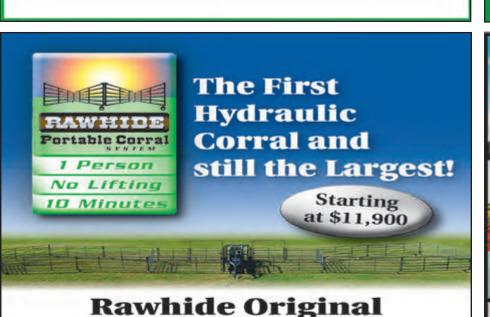
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Winter durum in development for western Kansas

to find germplasms that

Wheat growers in western Kansas may have an opportunity in upcoming years to grow durum varieties thanks to the Kansas State University Wheat Breeding Program. Although durum is not traditionally grown in Kansas because it is normally a spring wheat, Andy Auld, assistant agronomist, and Dr. Allan Fritz, professor and wheat breeder at K-State, along with others, are developing wheat lines of durum that will be

"What we're doing is

developing a winter variety of durum that could be planted in Kansas at the same time as we plant our common hard red winter wheats. These would survive the winter and be harvested in the summer, the same as red wheat," And said.

An issue the research.

An issue the researchers have faced since starting the durum project is developing winter hardiness in the lines. They had



would survive the Kansas winter, and have a maturity level equal to currently released winter wheat to maximize yield potentials. Auld said they have

been able to obtain some durum material from European countries, most notably Austria, as they have a big winter durum breeding program. This material is more adaptable to the Kansas environment than other countries' material. Auld and his team have tried to adapt the material from Austria to the conditions in western Kansas.

"A lot of the European

material is late, so it won't mature early enough, and it gets too hot in Kansas for a lot of the European material. We're trying to find germplasms that have that balance of winter hardiness and adaptability, so it matures at the right time," Auld said.

Auld said that besides converting durum to a

winter wheat, the breeding technique is identical to the technique used for other wheats in the program - from crosses in the beginning to the release of the variety. They have set the program up so it mirrors everything Fritz does in his breeding program.

Although the breeding

Although the breeding techniques are the same for hard red wheats and durum, the characteristics of what the market looks for in each of them differ.

Durum is the hardest

wheat of all the classes - which is why it is used for making pasta. This sets a high standard on quality. In the market, durum needs to have a minimum protein level of 13 percent. The vitreous, or clear appearance of the kernel also plays in to the quality. When you have a vitreous kernel, it produces a cleaner, nicer-looking noodle. The color is also an important aspect. The market wants yellow-lookAs of right now, the

market for durum in Kansas is low. However, the accessibility to the American Italian Pasta Company in Excelsior Springs, Kansas, may help bring a durum market to Kansas, as the facility typically brings durum into Excelsior Springs from the Dakotas and Arizona.

Having durum in Kan-

Having durum in Kansas would be much more cost effective, while also giving growers a chance to expand their market. Plus, having durum varieties from K-State would also give the university a chance to diversify its portfolio.

K-State's Durum Breeding program started from scratch in 2000 with two graduate students as a side project. The students looked at how adapted winter durum wheats would be to Kansas. They then took those lines and started to make crosses.

In 2002, Auld started working with Fritz on the Wheat Breeding Program and found himself working on durum as a side project. At first the project was something they did when they had time for it, and then grew into a more focused effort.

then grew into a more focused effort.

As of this fall, they have a full pipeline of durum lines. Auld said they have everything in the field from elite yield trial varieties to first generation

segregating populations.

The lines are currently tested in western Kansas because the environmental conditions are better suited to produce high-quality durum. Durum prefers the cooler evening temperatures and drier climate western Kansas has to offer.

"It would be an alternative crop for producers that would require less water than a crop like corn as we face tighter water restrictions to preserve the aquifer and it usually has a higher premium than hard red winter wheat," Auld said.

Any durum varieties developed by K-State will be marketed through Kansas Wheat Alliance.

The K-State Durum Breeding Project is funded by the Kansas Wheat Commission Research Foundation through a gift from AGvantage IP.



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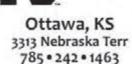
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Taking the urban farm to rural towns

By Jennifer Kongs

Chris and Christi Janssen have taken the concept of an urban farm and modified it to the town of Scandia (population estimated at about 350 people). The Janssens have launched and managed a CSA (community-supported agriculture) program and sell at multiple farmers' markets. driving hundreds of miles each week to reach their spread-out customers, but determined to provide fresh produce to the small towns clustered around their own in north-central

Kansas. The Janssens moved to Scandia to be closer to Christi's family, who live in the area, in 2006. Chris had a job as a teacher and Christi was working at an eve doctor's office. Becoming vegetable farmers and marketers was not in the plan. But, two years after the move, Chris lost his job. Shortly after, the eve doctor where Christi worked was sold, and she, too, lost her employment. Chris worked at Depot Market, a large, wholesale-focused specialty crop operation in nearby Courtland, as the couple started their own vegetable operation, which they named C and C High Tunnels. "This is what we decided would work without uprooting the family

KRC visited the farm, which covers a total of about two acres of cultivated land on one edge of Scandia, in early June 2018. Chris gave a tour of their four plots as well as their home lot. The weather was warming after an unseasonably long, cold spring. Despite the delay in warm weather, the crops inside the Janssens' high tunnels were looking strong. "We started out with two high tunnels in 2009, when we bought our first plot of land. We added a third in 2011'

again," Chris says.

The couple raises about 2,500 tomato plants and about as many brassica crops, as well as potatoes, sweet potatoes, onion, cucumbers, sweet peppers, onions, rhubarb, melons, squash, berries and more. They plant tomato starts in the high tunnels around the first week of April, and start their melons and squash in a small unheated greenhouse by their home at about the same

Most growers using ute walking loop of the

high tunnels choose determinate tomato varieties because the indeterminate varieties can grow unwieldy, requiring regular attention to pick the suckers off as the plants grow and trellising to the top of the hoop house structure. "We mostly grow Jet Star tomatoes," Chris says. "We prefer indeterminate tomatoes because we think they have better flavor."

at the time they started the farm, Chris says the high tunnels were financed through loans. "We got a rural development loan out of Belleville and a loan from a bank in Courtland to buy the high tunnels. We had to go into some pretty serious debt, as this was before there were grants available to put up high tunnels for nonorganic producers like us. We went to the Courtland bank because the bank in Scandia didn't want to finance the tunnels." (The Natural Resource Conservation Service now allows organic and nonorganic producers to apply for its high tunnel grants.)

When asked whether wind or other complications have caused them much trouble with their high tunnels, Chris says the biggest issue they've had are the white flies that come on in August. "This year," he says, "we are going to start preventative spraying to get ahead of the problem. Once they start, we haven't been able to get rid of them for the rest of the season." Outside of growing in high tunnels, Chris spoke of the challenges of finding financing that didn't require debt or loans to start and build their farm. Without more creative economic supports, Chris says, more farmers are going to have a hard time getting into the field.

The family relied on sales' growth to finance their expansion over the years, which has included purchasing three more empty lots, clearing any trees on the lots, and farm equipment. The lots were added over an eight-year period, with the most recent being added in 2017. "We buy from neighbors who aren't really using the land anymore. People like to see the lots get cleaned up and put to good use," Chris says. All four of the plots are within a ten-min-

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Without steady income

The Janssens bought their first plot within Scandia city limits and a five-minute walk from their front door. Shown here in July, this main plot has onions, greens, potatoes and more planted.

Janssen's home, and often, Chris and Christi will ride their bikes to do a quick harvest, pull weeds, check on crops or other chores at the plots. Indeed, as Chris walked us around to the plots. Christi pedaled by with a bucket in hand to pick a few more cucumbers to fill out the day's CSA order.

They've also been creative in modifying the resources available. For example, after their son moved out, they turned his bedroom into a walk-in cooler. They lined the inside of the walls with insulation, stripped the floors to the wood, and added a cooling unit and shelves. They also use the space to pack boxes and bags for deliveries.

The Janssens currently sell through retail and wholesale outlets, with revenue split about 50/50 between the two. Of the retail sales. Chris says about 80 percent are farmers' market sales and 20 percent are from the CSAs. At the time of my visit, 55 people were signed up for the CSAs in various nearby towns. Their goal is to reach 100 members, and they expect to have closer to 70 by the end of summer. Only five or six of the CSA members are in Scandia. and the town doesn't host its own farmers' market.

so the Janssens drive to their customers almost every day during the growing season. "We go to the Phillipsburg market on Tuesdays, Wednesdays we head to Beloit, Fridays we are in Salina, and on Saturday we go to Belleville.

ders to grocery stores once or twice a week in Hutchinson and to Pendleton's Country Market about once a week in Lawrence. We have additional CSA customers in Salina, where we deliver sometimes to Prairie Land Market, and we have another bigger buver in McPherson," Chris says. With that much driving

and customer management, Chris and Christi are figuring out ways to scale and streamline their business. First, he says, they hope to grow their Scandia customer base with the store they are opening in the town's downtown in 2018. The goal is to sell their produce alongside other Kansas-made products, such as soap, lotion and canned goods, to both attract more customers with a wider range of offerings and give their neighbors a way to

out having to knock on our back door to get them."

Chris also says they'd like to grow the CSA membership enough to drop at least one farmers' market, largely because the markets require either Chris or Christi to sit for hours with only the hope of sales (Chris does, however, enjoy explaining the crops and ways to cook them to new customers, evidenced in our conversation and the fantastic tomato soup recipe he shared with me). "Increasing the membership of our CSA would also help stabilize the situation with our larger buyers. We are dependent on them to an extent, and we've been stuck sitting on tomatoes for a long time when a buyer has backed out,"

Chris says. He'd also like to buy a refrigerated unit that can

travel with them, making Cont. on page 10



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Grass & Grain, January 8, 2019

of a logistical headache for us," Chris says.

but still access wholesale markets," Chris says.

of Agriculture through USDA's SCBG Program.

Dr. Allen Williams

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says. "And to stay in business, you'll need to make money."

full-time on the family's operation.

washing and processing produce).

Regional farmers' market workshops scheduled for February Agriculture, K-State Research and Extension and the Kansas Department of Health and Environment will host six regional workshops in

February 2019 to assist farmers' market vendors and managers.

Kansas farmers' mar kets not only provide a fresh food source, but also stimulate the local econ-

We have to get the cauliflower and broccoli out in time to create space and drive-

ways for us to access and harvest the melons. More space would make farming less

few young, local residents to help throughout the summers. Christi is a para at the

local grade school to provide the family with health insurance while still giving her

the summers off to work on the farm. Chris left Depot Market five years ago to focus

on the Food Safety Modernization Act (FSMA) regulations (FSMA is an FDA audit

program that requires producers to meet safety standards for growing, harvesting,

operations, they have limits to how big they want to get. Part of their decision in pursuing compliance despite their exemption was their relationship with wholesalers. "We don't sell to large grocery stores, who also require Good Agricultural Producers (GAP) certification for much of their products. But we can sell a pallet or

two of certain crops to smaller grocery stores, and that allows us to stay mid-sized

sell direct to consumers is to invest into marketing materials. C and C High Tunnels

has a brochure they hand out to potential CSA members at markets and door to door

in neighboring towns. "You have to spend money to make money sometimes," Chris

this story as part of KRC's Specialty Crop Block Grant funded by the Kansas Department

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10:30am- Break (15 minutes)

12:15pm- Lance Gunderson

3:30pm- Questions & Answers

1:15pm- Dr. Allen Williams

Lance Gunderson

is President of Soil

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and Director of

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(Kearney, NE). He

has been working

with soil health

abs for 16 years.

testing in a commercial setting for 8

years and has been employed at Ward

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and what we can learn from it. He will

introduce the different components of the

test along with how producers can use

Jennifer Kongs is a freelance writer with Bark Media in Lawrence, Ks. who produced

One of the biggest pieces of advice Chris and Christi have for farmers looking to

As with most specialty crop producers, the Janssens have made changes based

The Janssens have taken the necessary steps to become FSMA-compliant, despite being exempt for the time being. While the family expects to expand their

The bulk of the farm's work is done by Chris and Christi themselves. They hire a

Taking the urban farm to rural towns, cont.

omy. In 2018, 95 farmers' markets were registered with KDA's Central Regis-

vide growers a wonderful

tration of Farmers' Mar-"Farmers' markets pro-

their farm's story," said Londa Nwadike, consumer food safety specialist with K-State Research and Extension and the University of Missouri. "It's also important for farmers to it easier to do longer delivery routes and concentrate the days off-farm delivering understand certain legal, safety and financial pa-CSA shares. The couple also hopes to add more lots of land, but not to expand prorameters before choosing duction much. "Right now, we have to carefully time and stagger our production. to sell at a farmers' mar-For example, we plant our melons in between our rows of cauliflower and broccoli.

opportunity to have real

interaction with consum-

ers, and a chance to tell

Workshop topics will vary slightly by location. Highlighted topics include:

Vendor Marketing and Communications

Pest Control and Soil Health Regulations on Selling

Meat, Eggs and Poultry Sales Tax for Vendors

sures program will also offer free scale certification at the workshops for attendees.

Dates and locations for the Farmers' Market

events are as follows: Friday, Feb. 1 — Olathe:

KSU Olathe

Saturday, Feb. 2 — Parsons: Southeast Research and Extension Center

Friday, Feb. 8 — Dodge City: Ford County Fair Building Saturday, Feb. 9

Wichita: Sedgwick County **Extension Office**

Friday, Feb. 15 hattan: Pottorf Hall Friday, Feb. 22 — Hays:

K-State Agricultural Research Center Registration

February workshops is now open and is \$20 per participant. Registration

lunch will only be guaranteed to those participants who register prior to the respective workshop date. Registration forms can be found at FromtheLandofKansas.com/FMworkshop or at local Extension

Onsite registration for the workshops will open at 8:30 a.m. and the workshops will begin at 9:00 a.m. and conclude by 3:00 p.m. The Wichita workshop will begin onsite registration at 8:15 a.m. and the workshop begins at 8:45 a.m., concluding at

4:30 p.m. For more information, contact Lexi Wright, KDA's From the Land of Kansas marketing coordinator, at 785-564-6755 or Lexi.

Apply Now for Extension Master Naturalist Program

If you have an interest in the environment and natural resources, and enjoy working with others then the Johnson County K-State Research and Extension Master Naturalist (EMN) program may be for you. Applications are now being accepted for the Class of 2019 training.

ural areas and resources. Programs include: land stewardship to eradicate invasive species and restore natural habitats; bluebird stewardship which includes monitoring local populations, data collection and educational outreach to local grade schools; pollinator protection: speaking engagements; and partnering with organizations that share the common goal of protecting natural resources.

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The application deadline is January 16. Training begins March 6, and runs each Wednesday from 6 to 9 p.m. through mid-May. All classes will be conducted at the Johnson County K-State Research Extension Office, 11811 S. Sunset Drive, in Olathe. Two sessions will include a Friday night and a Saturday morning outdoor adventure. Class members must be a resident of the greater Kansas City metro area. There is a \$120 administration fee for those accepted into the class. Acceptance notices will be sent out in early February. Only 35 appli-

cants will be accepted. Applicants who are selected will receive intensive 40 hours of classroom and hands-on instruction from experts in natural resource concepts. In return, newly-trained recruits will be required to volunteer 30 hours of volunteer service each year, on environmental projects that bene-

fit the community. If you are interested in applying or would like more information, contact Jessica Barnett, county Agriculture and Natural Resources agent with Johnson County K-State Research and Extension at (913) 715-7010, Jessica. barnett@jocogov or visit www.johnson.ksu.edu and click on the "Volunteers" link for details.



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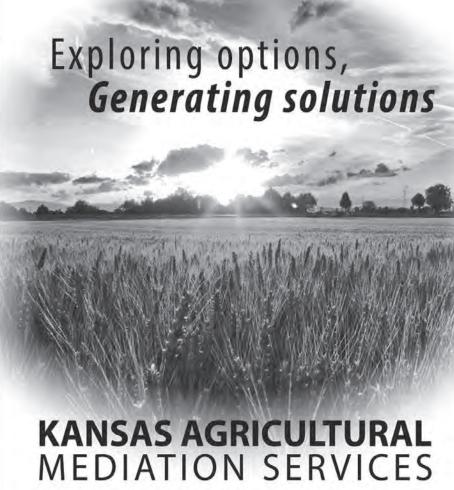
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Grass & Grain Area **Auctions and Sales**

tate Auctions: (1) 3 BR/1.5 BA home w/114 acres of pasture & cropland; (2) 3BR, 2BA walkout rancher with 124 acres of pasture & cropland held at Lyndon. Auctioneers: Sanders Auctions, Coldwell Banker Griffith & Blair, Inc., Jim

January 9 — 312 acres m/l of Marshall County farmland, grass, hav ground, waterways & timber held at Frankfort for Kennedy Trust. Auctioneers: Joe Horigan Realty & Auction.

January 10 — 567 acres m/l of grassland in Pottawatomie County, 3 tracts by multi-parcel held at Randolph. Auctioneers: Gene Francis & Associates, Real Estate Brokers & Auctioneers.

January 10 — Special Bred Cow & Heifer Sale held at Beatrice, Nebraska for Beatrice 77 Livestock.

January 12 — Coins, guns, furniture, appliances, glassware, collectibles, equipment, tools & misc. at Junction City for private seller and others. Auctioneers: Brown Real Estate & Auction Service, LLC.

January 12 — Coins including copper coins, foreign, proof sets, Buffalo nickels, dimes, wheat cents & more high grade coins held at Portis. Auctioneers: Wolters Auction. January 12 — Advertis-

ing, signs, vintage toys, lots of collectibles, candy containers. JD pedal tractor. die cast toys & much more at Benton. Auctioneers: Sundgren Auction, Jeremy & Joe Sundgren.

January 12 — Signs & collectibles including toys, glassware & more at Salina for Bob Thorup. Auctioneers: Thummel Real Estate & Auction, LLC.

January 12 — Vehicle, trailer, lanterns, cast iron items, knives, 1900s Match Book Collection, wood planes, collectibles & primitives at Lawrence for Darrell Shuck Living Estate. Auctioneers: Elston Auctions, Mark Elston &

January 12 — Consignment horse sale, selling horses, ponies, and donkevs in Garnett, Kansas. Auctioneers: Ratliff Auc-

January 13 — Furniture, collectibles including an original patent applied automatic drop corn planter with papers & much more at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

January 13 Furniture, glassware, tools. household, etc. at Osage City. Auctioneers: Wis-

January 19 — Real Estate, 3BR/2BA home & 12 acres held at Osage City. Auctioneers: Sanders Auctions, Jim Sanders, Coldwell Banker Griffin & Blair American Home.

January 19 - Neon lighted signs & clocks, advertising signs inc. 70+ porcelain, flange double sided, single side porcelain & more, collectibles inc. pedal tractors, advertising oil cans of all sizes, coin banks, 40+ vintage sports felt pennants held at Lawrence. Auctioneers: Elston Auctions.

January 23 — Tractors. sprayer & swather, trucks, trailers, farm equipment, pickups, cattle items & more held near Dighton for Linenberger Land & Cattle, LLC. Auctioneers: Berning Auction, Inc.

January 24 - Real Estate: 852 acres m/l of Cowley County all highly productive ground sold in 3 tracts held at Douglass. Auctioneers: SunGroup, David Sundgren, Kellie Nesmith.

January 26 — 470 acres m/l of Morris County pasture & ponds held at White City for Gene H. & Carol L. Kiltner Trust & Jo Ann Wylie Living Trust. Auctioneers: Brown Real Estate & Auction Service,

January 26 — Vintage clocks & furniture, collectibles & misc., calendars, 100s of pieces of vintage glassware & more at Lawrence for Howser Estate. Auctioneers: Elston Auctions, Mark Elston & Jason

January 26 — Advertising, juke box & coin op machines, clocks, thermometers, antiques furniture & collectibles, tools & more at Salina for Duff Dolton. Auctioneers: Thummel Real Estate & Auction,

January 26 — 240 acres m/l of Nemaha County farmland, pasture & timber w/wildlife habitat held at Corning for Clarence J. Hochard Trust. Auctioneers: Cline Realty & Auc-

January 30 — Real Estate: Brome pasture with metal pens, home (property located at the NW edge of Alma) held at Alma. Auctioneers: Murray Auction & Realty.

February 3 — Art &

Indian collectibles inc. oil paintings, woodblocks & lithographs by Prairie print makers & Kansas artists & more, advertising & collectibles held at Salina. Auctioneers: Thummel Real Estate & Auction,

February 9 — Marshall County Real estate sold in 3 tracts; also selling 2014 Nissan Frontier truck, Fort Knox gun safe, appliances, furniture, lawn mower held at Frankfort for Gregory Trust. Auctioneers: Joe Horigan Realty &

February 9 — Farm toys & related collectibles. mostly John Deere at Osage City for Ed & Mina Slusher. Auctioneers: Wischropp Auctions.

February 16 — 391.3 acres m/l Marshall County land held at Waterville for Freida Niemeier Trust. Auctioneers: Midwest Land and Home, Jeff Dan-

February 16 — Vehicles, tractors, machinery, collectibles & more held South of Hunter at Ash Grove, KS for Phyllis & Tony Cheney Estates. Auctioneers: Thummel Real Estate & Auction, LLC.

February 21 — 150 acres m/l of Dickinson County farmland, Smoky Hill River Bottom held at Abilene for Ruth E. Bernard. Auctioneers: Reynolds Real Estate & Auction

February 28 — 560 acres m/l of Dickinson & Clay County farmland held at Abilene for Neaderhiser Revocable Trust. Auctioneers: Revnolds Real Estate March 2 - Farm ma-

chinery, iron, tools & misc. held South of Chapman for Loren Peck. Auctioneers: Kretz Auction Service. March 5 — 31st Annual

Lyons Ranch sale held at the ranch (Manhattan) for Lyons Ranch. March 7 — Hereford

bull sale held at Courtland for Jensen Bros. March 8 — 160 acres ex-

cellent native grass pasture held at Frankfort for Dale & Janet Seematter. Auctioneers: Joe Horigan Realty & Auction Co. March 14 — 18th Annual

Sale held at the ranch in Manhattan for BJ Angus Genetics. March 15 - 23rd An-

nual Production Sale at Maple Hill for Sunflower Genetics. March 16 — (Rescheduled from Dec. 1) — Real

Estate & personal property at Maple Hill for Dan & Judy Burdach, Auctioneers: Murray Auction &

Comm. for Howard Woodbury, Woodbury Farms. March 30 — Fink Beef

Genetics Spring Angus and Charolais Bull Sale held at Randolph.



is spent perusing old newspapers for research. In the old days, this required a trip to an archive where the fragile newspapers were bound in giant books or viewed by loading reels onto a microfilm viewer. I hated those machines. Now, through the magic of the internet, I can sit in my big chair in the living room and spend hour after hour making incredible

I will be presenting a program on World War I in Kansas at the Trego County Historical Society on Sunday, January 27 at 2 p.m. Since this time period is a little out of my focus area. I have done a lot of extra research for the presentation. I knew the basics - war, flu, rationing but putting names and

cumstances is like having the story come to life. Reading those old newspapers puts flesh on the bones of history. I will be speaking in

Brewster on January 12th about the life of Dr. Theophilus Turner, the Fort Wallace Post Surgeon who discovered the plesiosaur fossil in Logan County in 1867. Along with the storied post scout, William 'Medicine Bill" Comstock, Turner uncovered the fossil in an area not far from the short-lived railroad town of Sheridan. This is the subject of our film, Thof's Dragon. If you are interested in a screening in your town, message me. Or, if you want your own personal copy, message me for that, too.

No matter which hat

I'm wearing, my jobs take me all corners of Kansas. Each one of those is a discovery - people, places, things that make Kansas such a special place to live, work, or play, as Frankie C. always said.

Over the Christmas break, Dr. Jake and I staved at the Hotel Josephine in Holton. The historic hotel sits right off the square and is a comfortable, inviting, and unique place to stay. Our kids and grandkids enjoyed the experience as well. There are shops and restaurants nearby and then the lovely countryside if you want a glimpse of the un-flat landscape that is more like Missouri than most of Kansas. Rolling hills, winding roads, and wooded valleys all combine to remind me of my home in the Blue

Ridge Mountains. There is so much to be experienced and discovered Around Kansas. I hope your New Year is filled with adventure and possibilities!

Deb Goodrich is the host of Around Kansas TV Show and the Garvey Historian in Residence at the Fort Wallace Museum. Contact her at author.debaoodrich@amail.

Soybean weed control is it really a big deal?

District Extension Agent, Crops & Soils/Horticulture

Ever wonder about the losses caused by weeds in sovbeans? A 2016 Weed Science Society of America (WSSA) Weed Loss committee report summarized a couple of different studies on losses due to a lack of weed control. One report estimated a two to twenty percent loss of soybean yield due to weed pressure even when Best Management Practices with herbicides were used. A second study noted that yield losses can reach fifty percent when no herbicide is used at all. Bottom line? Soybean weed control mat-

We've definitely improved soybean weed control efforts over the years, but it hasn't come without challenges. New products are great. New resistances are not. While we've done a good job of controlling some species, others remain a challenge.

Labels have changed. Changes in the Xtendimax, March 20 - Bull sale Engenia, and FeXapan at Overbrook Livestock labels from 2018 to 2019 are one example. Changes include purchase and application only by certified applicators (no application under direct supervision), annual mandatory dicamba or auxin applicator training, treatment time frame restrictions, and updated post-emergence treatment wording. These labels even include

FURNITURE

Oak collar showcase; Pepsin

gum curved glass showcase;

curved glass tower showcase:

small candy showcase; oak cuff

link showcase; oak hall seat w/

for the list of counties requiring additional protection measures along with guidance for specific areas that can be included in the buffer distance calculation for fields in affected counties. It's taken label-reading to a whole new level, with the hope that good products can be retained over time and sensitive crops protected.

Fortunately, great resources are available to help you make the best weed control decision you can. One resource for any herbicide selection process is the K-State 2019 Chemical Weed Control Guide, available online at: https://www.bookstore.ksre.ksu.edu/pubs/ SRP1148.pdf. In addition to soybeans, this publication provides herbicide suggestions for several major crops, pastures, and range. Hard copies of the guide will be available from District Offices in

Rather hear from someone first-hand? Plan to attend the KSU Soybean School on Wednesday, January 16th at the NEKS Heritage Complex south of Holton. In addition to multiple speakers covering topics from markets to fertility, K-State Research & Extension weed specialist Dr. Dallas Peterson will be the keynote speaker during a sponsored supper by the Kansas Soybean Commission. He'll share

Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds in SALINA, KS

information on the new dicamba labels as well as weeds to watch for and other soybean weed control options. Doors open for registration at 3:00 with the program from 3:30 to 7:00. There is no cost to attend, but RSVPs are requested by January 9th for meal arrangements. You can do so via any Meadowlark Extension District Office (Holton: 785-364-4125; Oskaloosa: 785-863-2212; Seneca: 785-336-2184) or e-mail me at dhallaue@ ksu.edu. Register online at http://bit.ly/KSUSoybean. Hope to see you there!

Let the CLASSIFIEDS work for you place your ad today GRASS & GRAIN 1531 Yuma Manhattan, KS 785-539-7558 Don't forget

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GRASS& GRAIN is a great gift for the hard-tobuy-for people on your list!

- 10:00 AM SATURDAY, JANUARY 12, 2019 – Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds in SALINA, KS

chains; Toys inc: assortment

SIGNS & COLLECTIBLES Oak 2 door flat glass china cabinet; curved glass house table top showcase; Signs Inc: (Buick Service; AAA Nebraska Motor Club w/bracket; Esso Tiger w/tiger tails for sale; General Telephone; Buick; Black Stone Cigar; Funk's Seed; 7 UP, Buster Brown Bread; Cattle driven by merit; right & left Pegus; Red Ale Coors; Squirrel Drive Slow; Chevy Corvette); white eagle statue: oil cans inc: (Pegus Mobile Oil, Skelly 5 gal, Imperial 2 gal, Coop 2 gal); Budweiser pool table lamp; Budweiser mugs; Kiwi boot polish display, Winchester (clock, poster, thermometer); Coca Cola poster; Fitzer wine rack; 20 lunch boxes; 20 thermos; Aladdin box w/lamp shades; Red Neck flag; key-

Tootsie cars & Auburn cars; Hot Wheels; Fisher Price toys; Erector set; electric train set; toy horse; "Pat-Luk" tin toy; paper dolls; Barbie; dancing baby; chalk dolls; chalk carnival pieces inc: Shirley Temple; Galesville 1911 doll; bisque girl figurines; Happy Meal pictures; 1941 Tenhulzen & Sons Hatcheries silhouette picture; Halloween electric lamp; Sessions mantel clocks: Glass: carnival glass (Luster bowl, rose plate, green carnival purple shell dish, blue Windmill oval plate); Roseville IFH-6 & 23-10; 25 pc Royal Copley; sword fish TV décor; Smith black glass vase; pattern glass pieces; Lefton vase; West German

perfume set; Czeck basket; Shawnee corn salt & pepper; glass: 10 carved face masks: The Magician; Beetle books; ster dictionary; sausage stuffer;

Note: This is a large auction. Bob has collected for many years. Check our web site for pictures at www.thummelauction.com.

BOB THORUP Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC 785-738-0067

dish; fire engine candy con-

tainer; Gaylord Ks Dryden hat;

cake stands; assortment other 10 string holders; hat pins; hair combs; dresser boxes; dresser sets; 2 Victorian photo albums; Christmas decorations; flue covers: 20 silhouette pictures: child yard long picture; Madonna & Child picture; Bob Dole picture; postcard albums; beer cans; Busch tray; Legal Action picture w/Marilyn Monroe & Elvis; Better Little Books Little Orphan Annie & Mandrake assortment good paper advertising; Montgomery Ward, Penney's, Sears catalogues; Weblarge assortment of other good collectibles, many early 60's

mirror; oak fireplace mantel w/ beveled mirror; oak ice box; clawfoot oak library table; Mission oak library table; Mission oak rocker; oak parlor table w/ball & claw feet; salesman sample parlor table; 2 oak 4 stack bookcases: ornate carved batwing chair; oak drop front desk; oak serpentine washstand; ornate cast iron bed; oak high back bed; 26 drawer oak cabinet: butcher block: 8' maple butcher block table; oak book shelf; 2 door pine cupboard; walnut jelly cupboard; oak Victorian fretwork; 3 boxes house fret work; oak pattern back rocker; oak pattern back high chair; porcelain top ice cream table & 4 chairs; 2 oak file cabinets; 3 parlor tables; pine bookcase; oak sewing machine; child's camel back trunk; trunks; large oak mirror; Atwater Kent radio **COLLECTIBLES**

Original patent applied automatic drop corn planter w/ papers (Pat. No. 600019)

Crocks inc: (advertising rolling pin; 5 gal Redwing water cooler; 20 gal 4 birch leafs w/ski

oval; 5 gal Redwing ribcage salt glaze jug; 25 gal RW; 2 & 8 gal birch leaf; 6 gal Ruckles; coffee crock; cereal crock; butter crocks; mini advertising jugs; crock bowls); store cast iron buggy whip holder display; cast iron store tool holder; Barber shop lamp; swirl top candy jar; 1917 Blackwell-Wielandy catalogue; 3 ornate slag glass lamps; bridge lamps; Signs inc: (Brown's shoe; porcelain Concordia Creamery Co; Ford double side Genuine Parts; porcelain Mobilgas Pegasus shield; Hams Beer; Coca Cola; Hires Root Beer; Royal Crown menu; porcelain double side Beauty Parlor; Curlle Clothes Pants; Dandro Solvent; Star Brand Shoes; Master Barbers of America; Vigorator Hair Tonic; Red Rose Coffee; Dressmaking): 2 Pepsi thermometers: Curlee Clothes thermometer; Rainbo Bread Door push nos; several stain glass windows; Firestone boat motor; several colored Aladdin lamps; wooden rocking horse; bicycle w/ wooden wheels; handmade guitar; large hooked rug; 1-Ford promo cars; 400 Farmall pedal tractor; farm toys; early child's games; Polar Cub fan; bookends (Florentina, Indian Chief. Pheasant. End of Trail. Lion, brass BPOE, Elk); 1800's spaghetti roller cutter; Shawnee

corn pitcher, S & D; porcelain child's cups; elk candy dish; Nippon hair receiver; 8 place set Currier Ives china; 50 piece amber depression glass; large collection quality advertising tins; advertising tip trays; cop-per candy kettle; straight razors; woven sweet grass Indian basket; cast iron banks; cast iron door stops (dog, Bradley & Hubbard parrot); celluloid dresser box; Victorian child's shoes; RS Prussia hat pin holder; Victorian hat pins; cast iron parrot tray; mesh purses; per-fume bottles; jewelry caskets; mini hand mirrors; ink wells; hotel desk bells; tobacco jars; Victorian lady pictures; ornate picture frames; brass parrot nut cracker; set sterling flatware; sterling hair curler; Corona typewriter; 45 & LP records; watch fobs; Mossberg tri pod; Elmore dairy crate; Coral TV lamp; wooden butter churns; wagon hubs; horse hames; wood block & tackle; milk cans; wooden skis; wooden clothes dryer; cast iron shoe cobblers caddy; bongo drum; DeLaval wrench; children's story books; advertising tape measures; cast iron Griffin candle sticks; advertising letter openers; collection pocket knives; older baseball cards; assortment of other collectibles.

This is 2 individual collections. The patent corn planter is very rare. There are many very quality pieces of furniture and collectibles. Check our website for pictures at www.thummelauction.com.

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC 785-738-0067

ON THE EDGE OF COMMON SENSE

The Emperor's New Clothes, California Style

The television paralyzed watchers as the horrendous flames burned California to ashes. The

governor in command puffed and pounded, claiming that he and his ENVIRO-DENY-ERS took NO BLAME, NO BLAME, NO BLAME! Hans Christian Anders-

en couldn't say it better. I was watching "The Emperor with No Clothes." That was last fall. But

decades before, the first kindling was being stirred in Washington, (sorry George), D.C. The invasion of the Endangered Species Act and the poisoning of the relationship with the ranchers, timbers and miners... was blown into flames.

I remember standing in the door of a ranch house in Eagleville, California. I was workin' cows and just happened to be there. A young woman knocked on the door. She introduced herself and adjusted her clipboard... she was the new BLM agent assigned to make sure the rancher was obeying the new range regulations. I asked her background;

University of Wisconsin, majoring in environmental studies.

"Ever been here?" I asked, "Run cows? Dug a water tank? Run pipelines? Done any fence work or controlled burning? Fought any fires...?" She just looked at me

blankly.

I could see the future and it all came true.

Decades went by, BLM animal units continued to be slashed, water access was deleted. The timber business was so savaged that roads, entire mills, tons of trucking, lumber, jobs, communities and lives were starved out. Without clear cutting

and access, cattle grazing was decreased. With no grazing, the forest floor filled with detritus trash, continually accumulating mountain ranges of incendiary scenery. River water, essential for farming and ranching, was zilched to "protect" endangered species like the spotted owl and the short-nosed suck-

Countless able, experienced rangers left the service in frustration. But it was too late; the politico-enviros took over. They thundered out of Washington, D.C. and took over the West! The Forest Service, the BLM, the Department of Interior and Enviro-deny-ers led us directly into the state of devastation

in which our country now burns.

Have we learned anything about management of our range and forest in 50 years? Most of our increasing urban population continues to relate our beautiful West to their Sierra Club calendar. That includes those in office. Where does the blame fall? For over 50 years we have used World Wide Famine, Global Cooling, Greenhouse Gases, Global Warming and Climate Change as the Evil Dragon. But they dwarf our comprehension. Civilization can alter many natural conditions; smog, changing rivers, building roads, forest management...a current example is the millions of acres of rangeland being ravaged by feral horses because the spine-

the BLM do their job. But watching the governor of California deny blame for years of our forest mismanagement influenced by airheads instead of common sense is just blowin' smoke.

less politicians won't let

Unfortunately, I doubt he will ever admit fault, but will continue to wear his Emperor's robe, and none of his eunuchs will tell him his fly is down.

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INFORMATION DAY: Thurs., Feb. 7th • 1-3pm

Meet an Auction Representative on Tract 1

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Selling Hogs & Cattle every Monday

RECEIPTS FOR THE WEEK TOTALED 3,367 CATTLE. Hillsboro

7 blk

60 mix

6 blk

					00.0.00.00
300-400		\$183.00 - 200.00	53 mix	Welch, OK	661@154.75
400-500		\$167.00 - 182.00	13 blk	Lindsborg	690@152.00
500-600		\$162.00 - 179.00	12 blk	Lindsborg	688@151.50
600-700		\$148.00 - 163.00	13 mix	Oak Hill	660@150.00
700-800		\$132.00 - 147.00	55 blk	Little River	685@150.00
800-900		\$130.00 - 147.00	5 mix	Wilson	675@148.75
900-1,00	00	\$125.00 - 142.50	81 blk	Lindsborg	794@147.00
HEIFERS			103 blk	Lincoln	846@147.00
300-400		\$159.00 - 176.00	12 mix	Brookville	722@146.50
400-500		\$138.00 - 153.00	34 blk	Canton	691@146.25
500-600		\$134.00 - 152.00	16 mix	Oak Hill	758@146.00
600-700		\$124.00 - 139.00	17 blk	Hillsboro	846@146.00
700-800		\$122.00 - 139.25	19 blk	Hoisington	818@145.75
			52 blk	Little River	783@145.75
THURSDAY, JANUARY 3 FEEDER SALE:			20 blk	Hillsboro	802@145.00
STEERS			46 mix	Lindsborg	794@144.50
4 blk	Canton	273@202.00	61 blk	Assaria	849@144.10
6 blk	Canton	340@200.00	13 mix	Lindsborg	710@143.25
2 blk	Culver	420@182.00	7 blk	Concordia	823@142.50
2 blk	Canton	505@179.00	62 mix	Hope	911@142.50
5 blk	Fredonia	469@179.00	78 blk	Lindsborg	897@141.75
3 blk	Little River	465@179.00	8 blk	Hutchinson	903@139.00

3 blk 2 blk 465@179.00 490@174.00 Little River Assaria 5 mix Miltonvale 517@172.00 8 blk 568@170.00 Canton 11 blk Little River 590@168.50 15 blk Hope 571@168.00 8 mix Hillsboro 563@166.00 Clay Center Brookville 541@166.00 4 mix 581@164.50 8 mix Oak Hill 598@163.50 6 mix 592@163.00 Fredonia Welch, OK 24 blk 614@163.00 4 blk Canton 8 mix

4 blk

3 blk

13 mix

22 mix

3 blk 4 blk 7 blk 6 mix

47.00 46.50 46.25 46.00 46.00 45.75 45.00 44.50 44.10 43.25 42.50 141.75 903@139.00 922@138.00 Hutchinson Valley Center Clay Center 1000@131.50 **HEIFERS** 318@176.00 Sedgwick 306@170.00 Canton

661@155.00

367@164.00

466@153.00

456@153.00

Sedgwick

Brookville

Gypsum

Great Bend 543@152.00 4 blk 624@158.00 614@158.00 Miltonvale Little River 493@149.00 568@146.00 2 blk 21 blk Lincoln 608@157.00 534@144.00 Assaria 4 blk Assaria 595@141.00 Lindsborg 642@155.50 Gypsum Miltonvale 643@155.00 6 blk Barnard 579@140.00 651@155.00 Brookville 12 mix Brookville 583@139.50 **EARLY CONSIGNMENTS FOR THURSDAY, JANUARY 10:** 90 black strs & hfrs, homeraised, weaned 80+ days, 2rnd vacc, 550-700; 22 black strs & hfrs, weaned 70 days, homeraised, 750-825; 85 black heifers, off cover crop, 700-750; 90 strs & hfrs, never doctored any, weaned Sept, vacc, 600-700; 60 strs & hfrs, homeraised, longtime weaned, vacc, 700-800; 100 strs & hfrs,

homeraised, longtime weaned, vacc, off wheat, 650-800; 100 black/BWF strs & hfrs, longtime weaned, off wheat, 550-800; 100 strs & hfrs, homeraised, weaned, fall vacc, 600-800; 65 blk/Char strs & hfrs, homeraised, weaned 30 days, fall vacc, no implant, guaranteed open, 500-700; 40 black/Red strs & hfrs, fall vacc, weaned 45 days, 700-850; 45 black strs & hfrs, fall vacc, weaned 70 days, 500-700; 50 black steers, 2rnd vacc, longtime weaned, 750; 55 black/Char steers, no sort, 900-950; 60 black/Char steers, no sort, homeraised, longtime weaned, 2rnd vacc, 850; 58 black/Char heifers, no sort, Fink sired, 800; 80 Red Angus steers, weaned Sept, Certified Red Angus, 700-900; 23 blk/BWF strs & hfrs, 2rnd vacc, homeraised, weaned Nov 1, 600-700; 340 strs & hfrs, 600-800; 52 strs & hfrs, 600-800; 15 strs & hfrs, homeraised, longtime weaned, vacc, 500-700; 50 strs & hfrs, weaned 30 days, fall vacc, 550-650; 35 steers, homeraised, 3rnd vacc, longtime weaned, 700-750; 40 black strs & hfrs, weaned 90 days, 2rnd vacc, 500-600; 57 strs & hfrs, longtime weaned, vacc, heifers checked open, 650-850; 65 mostly black/BWF strs & hfrs, 2rnd fall vacc, weaned Oct 12, no implant, 750-850; 180 black strs & hfrs, Irvine sired, homeraised, longtime weaned, 700-825; 65 strs & hfrs, Irvine sired, homeraised, longtime weaned, 750-850; 70 strs & hfrs, 650; 125 mostly black strs & hfrs, homeraised, weaned early Nov, 550-750; 130 strs & hfrs, weaned, vacc, homeraised, 550-700; 21 strs & hfrs, 450-550; 80 steers, 2rnd vacc, weaned 90 days, 650; 75 black strs & hfrs, homeraised, 2rnd vacc, weaned 75+ days, open, 650-800; 100 blacks/CharX steers, 1 iron, 700-850; 30 mostly black steers, 775-825; 90 black strs & hfrs, weaned 60 days, 700-750; 95 black/BWF strs & hfrs, bunk broke, weaned 60 days, 500-800; 25 steers, weaned 30+ days, 2rnd vacc, 600-700; 62 mostly black steers, 850-900; 180 black strs & hfrs, weaned Oct, vacc, 500-800; 50 strs & hfrs, fall vacc, homeraised, 400.

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All Special Sales START AT NOON!

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OTHER SPECIAL SALES:

★ Monday Evening, March 4th: Don Johnson Angus Sale ★ Saturday, March 23rd: New Frontier Bucking Bull Sale

701@130.25

★ Saturday, May 18th: Spring Spectacular Horse Sale

1 Z DIIX	Officiali	10160.20	O DIK	Caritori	000 @ 104.00
12 blk	Barnard	638@139.00	13 blk	Oak Hill	595@134.50
7 blk	Hoisington	629@139.00	24 mix	Canton	719@134.50
46 blk	Lindsborg	786@137.00	62 mix	Assaria	752@134.00
17 mix	Canton	599@137.00	9 blk	Assaria	680@134.00
83 blk	Lindsborg	689@136.50	23 blk	Oak Hill	658@134.00
15 mix	Lindsborg	748@135.50	21 blk	Lindsborg	745@133.50
16 mix	Clay Center	652@135.00	64 blk	Little River	650@132.50
20 mix	Brookville	672@135.00	26 mix	Windom	690@132.50
43 blk	Little River	741@134.75	35 mix	Windom	795@132.00
25 blk	Hoisington	743@134.75			

EARLY CONSIGNMENTS FOR TUESDAY, JANUARY 15, SPECIAL COW SALE: BULLS: 1 Reg. Angus 3 yr old, semen & trich tested. HEIFERS: 100 bred Angus heifers, SD origin, OCHV'd, start Feb 1 for 45 days; 20 bred heifers; 16 black heifers,

Janssen Ranch origin, one iron, all vaccs, pelvic exam, heavy bred to LBW Johnson Angus, calve for 30 days; 20 black heifers; 25 mostly black heifers, bred to Angus bulls start March/April; 8 black Angus heifers, bred to LBW Angus bulls, homeraised, Feb 15 calvers; 20 black/BWF Sim/Ang heifers, bred to BWF bulls start Feb for 60 days or less, pelvic exam track scores; 50 black heifers, SD origin, one iron bred to BWF bulls, calve Feb 25 for 60 days, pelvic exam, track scores; 40 bred heifers, sired by Stucky & Molitor, homeraised, out of Angus & Angus main cows, heifers to start March 1 for 65 days bred to easy calving Molito bulls, OCHV'd wire broke; 20 black Angus bred heifers, bred to LBW Angus bull, calve early Feb for 60 days. COWS: 50+50 black/BWF cows with Angus & WF sired calves, worked & exposed back; 39 Sim/Ang black coming 2nd calvers, 3 yrs old, April/May calvers, all vacc, scour boss, bred to black Angus bulls; 80 black/BWF 3 yr olds, off 2 ranches, Al bred with their 2nd calf, Blacks bred to Char & BWF bred to SimX; 12 Angus cows, 3 to 5 yrs, bred to Balancer, start Mar 1; 50 Red Angus, 3 to 6 yrs, old bred to Red Angus/Simm, start Feb 21 for 75 days; 15 bred cows, 4 to 7 yrs, bred to Wagyu, calve May 20 for 60 days; 20 Red Angus 5 yr olds, one iron, Bred to Sim/Ang; 95 black/BWF cows, 3 to 8 yrs, bred to Davidson Angus bulls, start end of Jan; 40 mostly black cows, 4 to 8 yrs, bred to Benoit Angus bulls, Dispersal of Spring herd; 19 black cows, 6 to 10 yrs, bred to Angus, early spring calvers; 32 Angus-Braunvieh X cows, 2 to 10 yrs, bred to Angus; 37 black cows, 4 to 6 yrs, mostly 5 yrs, bred to Black Angus; 50+50 black & red cows, 3 to 7 yrs, Angus calves, exposed back Nov 20; 100+15 black/BWF cows, 3 to 6 yrs, bred to Angus, calving now through April 1; 30+30 Angus/GelbvX black balancer calves Sept calves exposed back 4 to 8 yrs home raised; 75+75 black pairs, 3 to 4 yrs, Northern origin, all calves Al sired 30 + days old; 60 black cows, 3 to 4 yrs, Northern origin, all Al bred to Angus, calve Feb 25 for 30 days or less; 60 black cows, 3 to 4 yrs, bred to Angus, all synchronized, Calve Mar 15 for 30 days or less; 10 Red Angus, 5 to 7 yrs, bred to Janssen Red Angus, start Feb for 60 days; 26 black/BWF/ Red coming 2nd calvers, all raised a calf Feb 20, homeraised 3 yrs; 20 black older solid to broken mouth bred to Black Char; 45 mostly black cows, 3-5 cows 3 to 5 yrs few red/CharX bred to Angus bulls, start end of Jan, all raised a calf last year, cows all been together; 20 black cross cows, 3 to 4 yrs 5 to 6 months bred to black Angus; 20 black cross cows, 7 to 8 yrs 5 to 6 months, bred to black Angus; 70 3 to 9 yr olds, calve Feb 15 for 45 days, Sim/Angus Spring herd dispersal.

> Austin Rathbun 785-531-0042

Ellsworth, KS

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