



# Grandin discusses education's role in careers

By Lucas Shivers

Temple Grandin, a legendary spokeswoman for agriculture and livestock, encouraged real-world opportunities for today's students to learn in a variety of methods.

"In our world, we need to have different kinds of minds to get the job done," said Grandin, who delivered the 175th Kansas State University Landon Lecture on Nov. 29 to a packed crowd at McCain Auditorium.

Grandin works as a professor of animal science at Colorado State University. She is also a world-renowned autism expert and consultant to the livestock industry on animal behavior.

"(Today's students) need to be able to read the newspaper and do math," said Grandin. "We need to build on strengths and expose students to many interesting career areas like diesel mechanics, livestock and more."

Grandin spoke on a range of topics connected to education, schools, agriculture and rural areas.

"Dr. Grandin's phenomenal mind has helped shaped United States' animal wel-

fare practices and how we think about people on the autism spectrum. She truly is a global leader in multiple fields, and it is a privilege to host her for this milestone in the Landon Lecture series," said Jackie Hartman, the university's chief of staff and director of community relations.

Grandin, who showed signs of autism at an early age, is an accomplished livestock equipment designer and animal welfare advocate.

"My work makes my life worthwhile," she said.

## Early Exposure to Careers

One of the benefits of Grandin's career was exposure to her family's farm and cattle ranch.

Grandin shared several stories of current industry leaders who started learning work skills early in life like Thomas Edison, Elon Musk and Steve Jobs.

"Certain people can ask questions, open doors and never give up," she said. "The thing about these creative geniuses is that none of them had a conventional educational path, and they didn't overspecialize."

Grandin said there are dif-



World-renowned expert on animal behavior Temple Grandin delivered the 175th Kansas State University Landon Lecture on November 29, discussing preparing today's students for the workforce.

ferent types of thinking or a mixture of ways the brain works like focusing on pictures or patterns. It takes all of these methods to solve challenges.

"I don't know who Cargill and Tyson will hire to keep their plants running," said Grandin. "The people who may fix them are probably playing video games in the basement. Like TV in the '50s, video games should be

limited to one hour a day."

Rather than playing video games, Grandin said we need students to be out in industry.

"I want kids out of the house; doing jobs for others," she said. "Teens are not getting work experience."

Too many kids are over-protected and not exposed to careers, Grandin said. She encouraged parents and kids to get out of their home to do a job on a schedule, eat

a protein-rich breakfast, get plenty of outside exercise and find common interests connected to careers.

"Kids today need to learn how to work," said Grandin. "They've got to learn working skills."

## Staying Diverse

Keeping a wide array of interests and exposing many ideas to students, Grandin encouraged the audience to stay diverse.

"I'm concerned about overspecialization," said Grandin. "Machines can read x-rays better than some doctors, but the receptionist can't be replaced."

Early on in life, Grandin learned about sewing, carpentry, cattle, roofing, sign making and many other practical skills.

"I spent hours building bird kites behind my bike when I was seven," said Grandin. "It took a lot of work, and I spent hour on its. I had to try again."

## Professional Impact

In addition to stories of her childhood, Grandin also shared about her career successes.

Half of the cattle in North America are handled in meat packing plants that Grandin

helped design. She started with a strong sample of her artwork, sketches and ideas to share with others.

"When you're weird, you've got to show off your portfolio of drawings," said Grandin. "It was a 30-second 'wow' with pictures, references and articles. They called me, and I got my first job. I went on to design a double-rail restrainer used in all kinds of plants in the U.S. and Canada."

Equipment and engineering are only half of the equation. Management and training is also important.

Working with several high-level organizations like USDA and McDonald's, Grandin implemented trainings, audits and results based outcomes to improve animal health and food safety.

Up to five of the world's leading public figures appear on the Landon Lecture platform each academic year. Grandin joins the ranks of speakers who come to Kansas State University including world-renowned politicians, journalists, cabinet members and other prominent figures involved in current public issues.

# Flint Hills maps installed in 180 Kansas schools

Over 180 schools and colleges across the Flint Hills now have a permanent new exhibit mounted on their walls: a first-of-its-kind map of the Flint Hills area and remaining tallgrass prairie, alongside related educational text and colorful illustrations in three versions: elementary, middle, and high school/college.

The map exhibits will reach over 95,000 students, and were recently delivered to each participating school

by the You Are Here: Flint Hills Map & Education Program, a project of the Flint Hills Discovery Center

Foundation. The program's purpose is "to deepen students' knowledge, pride, and understanding of their spe-

cial place in the world – the Flint Hills."

"Each map has a custom-placed 'You Are Here'

arrow pointing to the school's location – to give students a strong sense of their place within this re-

markable region," explains program coordinator Annie Wilson of Elmdale.

The map also features the education program's web address for access to hundreds of learning activities customized to the Flint Hills region, giving teachers place-based education tools to connect learning to students' own lives and environments.

"The schools received these museum-quality maps

Cont. on page 3



A Eureka student points to the "You Are Here" arrow on Flint Hills map exhibit.

Courtesy photo

**Grass & Grain  
Holiday  
Deadline**  
For the  
Dec. 27  
issue, the  
deadline for  
all display  
and  
classified  
advertising is  
Wed.,  
Dec. 21 at  
noon.





## Cutting wind

By John Schlageck,  
Kansas Farm Bureau

When the temperatures in Kansas dip below freezing, two types of people usually surface – those who enjoy invigorating weather and those who tolerate the cold from inside. How an individual feels about the cold weather usually depends on where he/she grew up, age and more importantly, attitude.

Another factor comes into play – wind chill factor. Wind chill factor is usually defined as the cooling effect from wind and temperature on the human body. Wind whisking by exposed skin during cold weather increases a person's heat loss.

An Antarctic explorer, Paul Siple, and his colleague, Charles Passel, first coined the term "wind chill" in 1939. Siple described wind chill as the

relative cooling power – heat removal – from the body with various combinations of wind speed and low temperatures.

Some 70 years later, wind chill has become a common term in our everyday conversation. Knowing the factors help people protect themselves against frostbite and hypothermia. Tissue damage occurs in frostbite when wind chill temperatures fall below -25 degrees F. Hypothermia results when the rapid loss of the body's internal temperature alters judgment. This sometimes results in death.

Western Kansas stockmen know the harder the wind blows, the lower the wind chill factor. Simply put, it is the relationship between wind speed and actual temperature that produces this chilling effect.

People who spend time

outdoors during these cold periods – stockmen, construction workers, hunters, runners and skiers – may create their own winds or increase the existing wind. Because movement magnifies airflow, they should be especially cautious of wind chill.

Manual labor and other physical exertion can cause heat loss also. Sweat begins and heat is removed by vaporization. Breathing cold air also results in the loss of heat from the lungs.

Few people realize that smoking, drinking, prescription drugs and illegal narcotics may also contribute to frostbite or hypothermia during bitterly cold temperatures. These dull the senses.

Alcohol dilates the capillaries of the skin and that increases the body's heat loss. Nicotine smoke absorbed by the blood causes the capillaries to constrict. This restricts the blood flow to the earlobes, fingertips and other regions of the body. Medication can have side effects too, so venture outside during cold weather with extreme caution.

Wind chill charts for regular references are avail-

able wherever outdoor equipment is sold. Use these charts only as a point of information. Wind chill charts aren't always accurate because they don't take into account all the possibilities of heat loss, or the preventive measures against it.

Air temperature is rarely a reliable indicator of how cold a person will feel outdoors. Elements such as wind speed, relative humidity and sunshine or solar radiation also play a part. A person's health and the type of clothing worn will also affect how a person feels.

When you go outside, dress for the weather and the wind. Wear loose-fitting, lightweight, warm clothing in several layers. These layers can be removed to prevent perspiration and subsequent chilling. Snug mittens are better protection than fitted gloves.

Always wear a hat, preferably wool, ear protection and a scarf or neck gaiter. If it's bitter cold – stay inside.

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

## Corn Growers Associations issue statement on EPA's ethanol decision

Kansas Corn Growers Association president Bob Timmons, Fredonia, issued a statement regarding EPA's recent announcement of the final 2017 Renewable Volume Obligation (RVO) under the Renewable Fuel Standard. The EPA announced the RVO level for conventional ethanol fuel for 2017 at 15 billion gallons, meeting the target level in the RFS. Farmers from Kansas and across the nation testified on this topic at a June EPA field hearing in Kansas City.

"By submitting comments on this issue, farmers played an important part in EPA's decision to set the 2017 ethanol volume at the 15 billion gallon level that is in statute," KCGA president Bob Timmons, Fredonia, said. "At the EPA hearing on the issue in Kansas City earlier this year, our members told EPA to simply follow the law as it is written in the Renewable Fuels Standard. Especially in this time of low crop prices, it is essential that ethanol has market access."

ten in the Renewable Fuels Standard. Especially in this time of low crop prices, it is essential that ethanol has market access."

"Today the EPA moved in the right direction by increasing the 2017 ethanol volume to statute," said Texas farmer Wesley Spurlock, president of the National Corn Growers Association. "This is critical for farmers facing difficult economic times, as well as for consumers who care about clean air, affordable fuel choices, and lowering our dependence on foreign oil."

"The Renewable Fuel Standard has been one of America's great policy success stories. It has improved our energy independence, our air quality, and our rural economies. Although we believe the EPA did not have authority to reduce the ethanol numbers in the first place, we are pleased to see the RVO finally back on track."

"Moving forward, we call on the EPA to continue following the law and keep the RFS on track. Doing so will bring much-needed stability to the marketplace, providing greater certainty for farmers and the industry while also spurring increased investment in renewable fuels."

"Together with both public and private sector partners, NCGA will continue working to grow our national fuel infrastructure so that consumers have greater access to renewable fuels. America's corn farmers are proud to grow a cleaner-burning, renewable fuel source for America and the world. Thank you to everyone who took the time to contact the EPA in support of the RFS and renewable fuels."



The Christmas season has officially started on my calendar. I know everyone was waiting with much anticipation for my signal to start the Christmas season. Now I will acknowledge Christmas decorations, go Christmas shopping and listen to Christmas music. I guess one might say, "Tis the Season."

This is also the time of the year when my family asks for a Christmas list. I must admit that making that Christmas list is not nearly as much fun as it was forty years ago. Then the formulation of such a list required many hours of study using advertisements and catalogs. Yes, forty years ago, back in the dark ages back before the internet. Kids have it so easy these days.

In any case, it is much harder to come up with a wish list at my age because, let's face it, if I need something I usually go out and buy it when I need it. Couple that with the fact that I am old and boring and really don't require much to make me happy. I have settled into being "Dad" and making it both easy and hard to buy Christmas presents for me. So, I thought I would help with a handy guide to buying gifts for the ag dad.

Tools are always a great idea. Tool supplies seem to dwindle as the months go along with spikes in disappearances coming during planting and harvest. Often wrenches are missing from sets, usually the 9/16 and 1/2 inch wrenches but if you need an 11/32 I can almost promise it will be gone, too. Buying the whole set often just leads to the surplus of 11/32 wrenches and sockets (of course, until one is needed). One novel idea is just to go to the various tractors and trucks and simply collect the misplaced tools, wrap them up and save some money.

Shirts are always the go-to present for any dad but especially the ag dad. It doesn't mean we will wear the shirt. Often, they languish in our closet as we wear the same shirts day after day because they are our favorite. That is until we are either publicly shamed into wearing other shirts or our favorite, thread-bare shirts just disappear and we are forced to start wearing and breaking in new shirts.

Coffee mugs and travel mugs are nice gift ideas but I also suspect you could use the same tactic as I mentioned in the tool

section and simply retrieve the mugs left in our trucks and tractors. This method will require much cleaning and often a strong stomach. Gloves are also another much needed and very appreciated gift and you can also recycle those found in the pickup; however, good luck finding a matching set, one without a hole and a right hand glove of any kind.

Hats are tricky. While they may be appreciated by ag dad, they probably will be viewed with a great deal of disdain by ag mom and may suffer the same fate as the gift shirt and spend years of gathering dust while the favorite hat is worn into oblivion. Socks are a great gift because none of us have too many socks, this is in stark contrast from the wish list of the six-year-old me. I guess it is just lowered expectations and greater appreciation for the little things in life like not having holes in your socks.

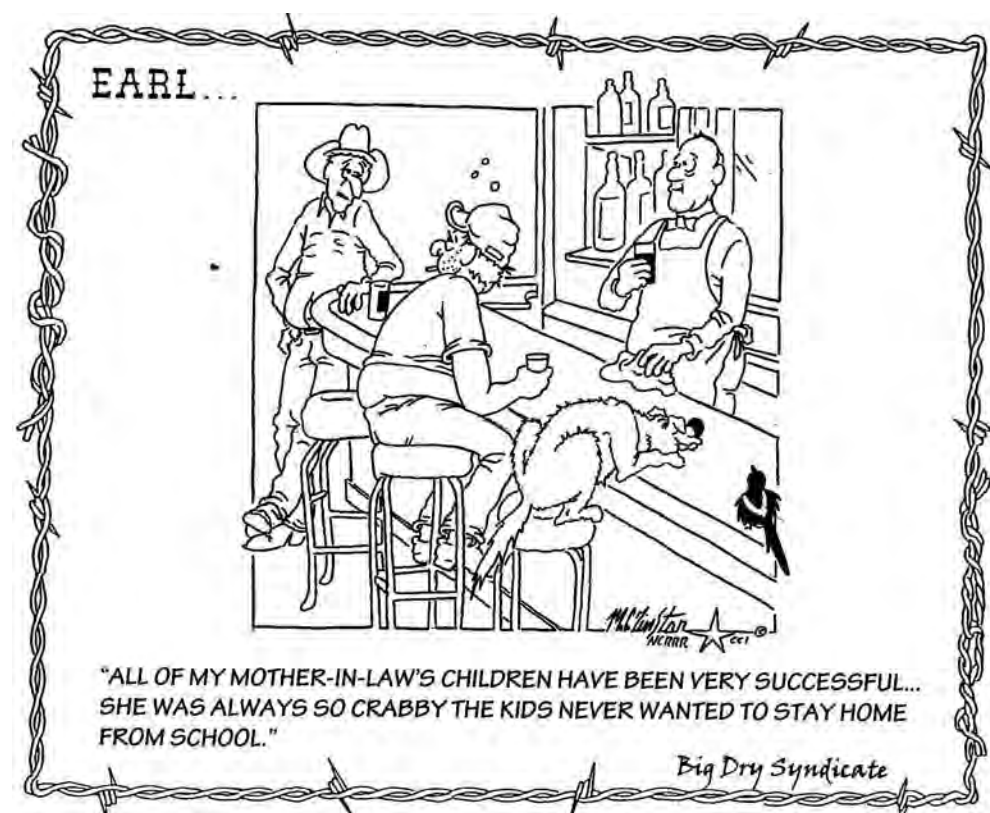
On our farm, gifts often reflect the passing of various tools such as axes, hammers, fencing pliers, etc.... throughout the year. Sometimes the tool is broken and this is the best way to replace it. Most often, the tool has gone missing and in many cases, the person giving the gift is most responsible for the disappearance. On a side note, many times I get the idea that my Dad's gift to me is often a message to quit borrowing that tool. I probably need to be much more strategic in what I "borrow" during the year.

If your ag dad tells you all he wants for Christmas is world peace, a million dollars or everyone to just be happy, it is a stall tactic. It is not that he doesn't really want those things, because they would be great. However, it is more likely that he really cannot think of anything and it is buying him time before he gives up and gives you his old stand-by answer, a new shirt.

As I get older most, if not all, of my satisfaction from Christmas is derived from watching others receive their gifts. That doesn't mean I don't appreciate and like the gifts I get, but my perspective has changed. The bottom line, at least for myself, is that we ag dads are basically very simple guys and we really like what you give us, it is really the thought that counts... and the clean pickup.



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"ALL OF MY MOTHER-IN-LAW'S CHILDREN HAVE BEEN VERY SUCCESSFUL... SHE WAS ALWAYS SO CRABBY THE KIDS NEVER WANTED TO STAY HOME FROM SCHOOL."

Big Dry Syndicate

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Editor – Donna Sullivan  
gandgeditor@agpress.com

– Advertising Staff –  
Steve Reichert  
agpress2@agpress.com

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# Farm Service Agency extends voting deadline for county committee elections to December 13

The U.S. Department of Agriculture (USDA) Kansas Farm Service Agency (FSA) executive director, Adrian J. Polansky has announced that the deadline to submit ballots for the 2016 County Committee Elections has been extended to ensure farmers and ranchers have sufficient time to vote. Eligible voters now have until Dec. 13, 2016 to return ballots to their local FSA offices. Producers who have not received their ballot should pick one up at their local FSA office.

"We're extending the voting deadline to Dec. 13 to give farmers and ranchers a few additional days to get their ballots in," said SED Polansky. "I urge all eligible producers, especially minorities and women, to get involved and make a real difference in their communities by voting in this year's elections. This is your opportunity to have a say in how federal programs are delivered in your county."

FSA has modified the ballot, making it easily identifiable and less likely to be overlooked. Ballots returned by mail must be postmarked no later than Dec. 13, 2016. Newly elected committee members will take office Jan. 1, 2017.

## Mid-West Fertilizer joins Team Marketing Alliance

Team Marketing Alliance, LLC (TMA) welcomes Mid-West Fertilizer, Inc. as a member of their grain merchandising and risk management company. Effective March 1, 2017, Mid-West Fertilizer will join TMA as the sixth member of the company.

"In the grain industry, we have seen a tremendous amount of consolidation resulting in large numbers of bushels being put together in the marketplace," said Rod Silver, Mid-West Fertilizer president and owner. "Our company needs to be a part of a system where we can put our bushels together in the marketplace providing more value to our customers. TMA was the right partner to do this for our company and our customers."

Based out of Moundridge, TMA will provide all merchandising, logistics, accounting and e-commerce for the grain division of Mid-West Fertilizer. In addition, TMA will bring to

the customers of Mid-West Fertilizer and at the farm gate profit based risk management program which combines crop inputs, grain marketing and crop insurance.

"TMA believes in helping producers manage their risk by combining educated crop insurance decisions with customized grain marketing strategies," said Ted Schultz, TMA chief oper-

Nearly 7,700 FSA County Committee members serve FSA offices nationwide. Each committee has three to 11 elected members who serve three-year terms of office. One-third of County Committee seats are up for election each year. County Committee members apply their knowledge and judgment to help FSA make important decisions on its commodity support, conservation, indemnity, disaster and emergency programs.

Producers must participate or cooperate in an FSA program to be eligible to vote in the County Committee election. Approximately 1.5 million producers are currently eligible to vote. Farmers and ranchers who supervise and conduct the farming operations of an entire farm, but are not of legal voting age, also may be eligible to vote.

For more information, visit the FSA website at [www.fsa.usda.gov/elections](http://www.fsa.usda.gov/elections). You may also contact your local USDA service center or FSA office. Visit <http://offices.usda.gov> to find an FSA office near you.

ating officer. "The services being added by TMA will complement nicely to the agronomy, energy and other services Mid-West Fertilizer offers today.

Members of TMA include MKC, Moundridge; Cooperative Grain and Supply, Hillsboro; Farmers Cooperative Elevator Co, Halstead; Central Prairie Cooperative, Sterling and Producer Ag LLC, Moundridge.

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## Flint Hills maps installed in schools

and curriculum at no cost, funded by numerous foundations, businesses and individuals who have a passion for the prairie and education," states program director Emily Hunter Connell of El Dorado.

For more information on the You Are Here: Flint Hills Map & Education Program, including list of participating schools, see [www.flinthills-discovery.org/map](http://www.flinthills-discovery.org/map) or call 620-273-8301.

## AUCTION

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2 Ruger Mark II 22 pistols; 2 Remington 870 12 ga. Exp-Mags; 2 Remington 24-22L/22S; Remington 700 22-250 Syn.-Calb. AK Prem. w/scope; Remington 1100 Prem. 410; Remington 870 W.M. 410; Browning BL-22 NIB; Browning 10 ga., auto; Winchester 72- (4) 1890s, 1906, (2) 61, 62A, 190, (2) 63, 74-270;

GP Blk Pwd. 54C; Henry US Survival 4002B; Savage 242C 410 o/u; Colt 20 ga. auto, NIB; Salaverria Spanish Pin Fire revolver; Browning Agher Spec. 12 ga.; Winchester spotting scope, NIB; selection of ammo, knives, cleaning items, sporting & gun books, clips, calls, MUCH MORE! Meat grinder-meat tenderizer.

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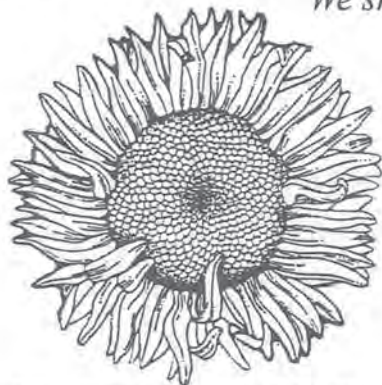


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Nita Rush Of Eskridge Wins Holiday Contest

Nita Rush, Eskridge: "I got this recipe from my sister-in-law. I call it 'Karen's Cornbread.' So quick and easy to prepare. Goes good served with ham and beans."

KAREN'S CORNBREAD

2 packages Jiffy cornbread mix  
1 package chopped broccoli, frozen box, thawed  
1 medium chopped onion  
8 ounces cottage cheese  
4 eggs  
2 sticks oleo

Melt oleo in a 9-by-13-inch pan. Mix cornbread mix, broccoli, onion, cottage cheese and eggs and spread atop melted oleo. Bake at 375 degrees for 30 to 40 minutes or until brown.

\*\*\*\*\*

Nancy Horne, Alta Vista: "This is a recipe for the coffee lover. I am allergic, so I cannot try it."

MOCHA COFFEE MIX

1 cup nonfat dry milk powder  
3/4 cup granulated sugar  
2/3 cup powdered non-dairy creamer  
1/2 cup unsweetened cocoa powder  
1/3 cup instant coffee  
1/4 cup packed light brown sugar  
1 teaspoon ground cinnamon  
1/4 teaspoon salt  
1/4 teaspoon ground nutmeg

Combine all ingredients in medium bowl until well blended. Spoon into a

1-quart food storage jar with tight-fitting lid.

For a single serving: Place a rounded 1/4 cup of Mocha Coffee Mix in a coffee cup and add 3/4 cup boiling water. Stir until mix is dissolved. Serve immediately.

\*\*\*\*\*

Rita Dawson, Lebo:

30-MINUTE ROLLS (Dinner)  
1 cup plus 2 tablespoons warm water  
1/3 cup oil  
2 tablespoons active dry yeast  
1/4 cup sugar  
1/2 teaspoon salt  
1 egg  
3 1/2 cups flour either bread or all-purpose

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G&G Announces Its Annual Holiday Recipe Contest

Nov. 22 through Dec. 20

In observance of the holiday season, Grass & Grain will award the weekly winners \$35 in addition to the prize gift.

Recipes received NOW through DECEMBER 13 will be entered in the holiday contest. Enter as often as you like during this period.

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BONUS DRAWING

Second chance to win! The names of all contestants will be entered in a drawing from which four names will be chosen. Each of these four contestants will receive \$35. Winners will be announced Dec. 20.

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

2016 Grass & Grain Holiday Recipe Contest

Preheat oven to 400 degrees. In bowl of stand mixer combine water, oil, yeast and sugar. Let mixture rest 15 minutes. Mix 2 cups of flour, salt and egg into mixture. Add remaining 1 1/2 cups flour, 1/2 cup at a time, using dough hook. Shape into 12 balls in a 9-by-13-inch pan (dough will be sticky when making balls). Let dough rest 10 minutes in pan. Bake for 10 minutes and until tops are brown. Enjoy!

\*\*\*\*\*

Beth Scripter, Abilene: "Makes wonderful gifts if you can keep out of them! Enjoy the smell!"

CROCK-POT PECANS

1 pound pecan halves  
1/2 cup butter, melted  
1/2 cup powdered sugar  
1 1/2 teaspoons cinnamon  
1/2 teaspoon all spice

Put the pecans in crock-pot. Pour melted butter over top and toss. Add the powdered sugar and spices and stir well. Cook on high WITHOUT LID for 3 hours. Stirring occasionally. Lay out on parchment paper to cool.

\*\*\*\*\*

Jan Schoshke, Brookville:

END OF SEASON GARDEN DIP

5-7 jalapenos  
2-3 sweet peppers  
1 butternut squash  
3-4 garlic cloves  
1 eggplant  
1 medium onion  
1 zucchini  
Olive oil  
8 ounce cream cheese, softened  
Salt & pepper

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Assorted crackers  
I used leftovers (you can use any variety you want): any seasonings: seasoned salt, Italian, Cajun, Mexican, etc.

Clean vegetables and cut into chunks. Peel the garlic. Spread the vegetables on a large foil-lined baking sheet. Sprinkle with olive oil and sprinkle with seasonings. Roast at 425 degrees for 25 to 35 minutes or until tender. Cool. Place in food processor and whiz up. Add cream cheese and mix.

NOTE: I have even added cooked and crumbled breakfast sausage to make it heartier.

\*\*\*\*\*

Bobbi Kellum, Lecompton:

EASY

CHERRY MASH CANDY

2 cups sugar  
16 regular-size marshmallows  
2/3 cup evaporated milk  
1 teaspoon vanilla  
10-ounce package cherry bits  
11-ounce package chocolate chips  
3/4 cup chunky or smooth peanut butter  
1 cup chopped peanuts

Combine sugar, marshmallows and evaporated milk in a pan. Place pan over low heat and cook 5 minutes, stirring constantly, until marshmallows are dissolved. Remove from heat and stir in 1 teaspoon vanilla and cherry bits until dissolved. Spread in a buttered 9-by-13-inch pan. Melt chocolate chips with peanut butter. Stir until dissolved. Stir in peanuts and spread evenly over cherry layer. Cool.

\*\*\*\*\*

Doris Shivers, Abilene: CAMEL SHORTBREAD SQUARES

For Crust:

2/3 cup butter (1 stick butter plus 2 2/3 tablespoons), softened  
1/4 cup white sugar  
1 1/4 cups flour

For Topping:  
1 stick butter  
1/4 cup packed light brown sugar  
2 tablespoons light corn syrup

1/2 cup sweetened condensed milk  
1 1/4 cups chocolate chips

Make Crust

1. Preheat oven to 350 degrees. Line a 9-inch square baking pan with parchment paper (from our kitchen; lining the pan makes it easier to lift out the bars after they're chilled).

2. Stir together butter, sugar and flour in a bowl or pulse in a food processor until crumbly. Press evenly into bottom of prepared pan. Bake until pale golden, about 25 minutes. Let cool 10 minutes (the crust can be made 1 day ahead and kept covered at room temperature).

Make Topping:

3. Meanwhile, stir together butter, brown sugar, corn syrup and condensed milk in a heavy 2-quart saucepan. Bring to a boil and cook, stirring frequently, until stiff, about 7 minutes. Remove from heat and beat vigorously with a wooden spoon 3 minutes.

4. Pour caramel over crust and spread evenly. Let cool until it begins to firm, about 30 minutes.

5. Microwave chocolate chips in a microwave-safe bowl 1 minute, then stir. Microwave at 20-second intervals, stirring after each interval, until chocolate is melted and smooth. Pour chocolate over caramel and spread evenly to cover. Chill until firm, about 30 minutes.

6. Cut into roughly 1-inch squares (these will keep up to 1 week in an air-tight container at room temperature).

\*\*\*\*\*

Delores Dickinson, Overbrook:

CRANBERRY BARS

Crust:

1 cup all-purpose flour  
2 tablespoons granulated sugar  
1/3 cup butter  
1/2 cup chopped pecans

Filling:  
1 1/4 cups sugar  
2 tablespoons flour  
2 eggs  
1 teaspoon vanilla  
1/2 cup finely chopped pecans  
2 tablespoons milk  
1/2 cup coconut  
1 cup chopped cranberries (do not use dried ones)  
1 tablespoon finely shredded

orange peel

In a medium bowl mix crust of the 1/3 cup of cold butter cut into the flour and sugar. Add pecans; press onto bottom of ungreased 9-by-13-inch baking pan. Bake 15 minutes at 350 degrees.

In a larger bowl combine filling ingredients of sugar and flour. Stir in eggs, vanilla, milk and orange peel. Fold in cranberries, coconut and pecans. Spread over crust. Bake 25 to 30 minutes at 350 degrees until lightly browned. Cut into bars while still warm. Makes 36.

\*\*\*\*\*

Claire Martin, Salina: "Perfect for a chilly autumn night."

CARIBBEAN BEEF STEW

1 1/2 pounds beef stew meat  
1 tablespoon flour  
2 teaspoons curry powder  
1/2 teaspoon ginger  
1/2 teaspoon allspice  
1 teaspoon salt  
1/2 teaspoon pepper  
2-3 large sweet potatoes (about 1 1/2 pounds), peeled & cut into 1-inch cubes  
1 red bell pepper, cut into 1-inch pieces  
14-ounce can coconut milk  
Juice of one lime  
Rice (for serving)  
Chopped green onions, if desired

Toss the beef with the flour and spices in a medium bowl. Transfer beef to a 6-quart slow-cooker. Add the sweet potatoes and red pepper. Pour coconut milk over all. Cover and cook on low for 7 hours or medium-high for 3 1/2 hours. Uncover and stir well and let stand 10 minutes. Stir in lime juice and extra salt, if needed. Serve over rice. Garnish with chopped green onions, if desired.

\*\*\*\*\*

Lydia J. Miller, Westphalia:

PUPPY CHOW

1 large box Crispix cereal  
12 ounces chocolate chips  
1/4-pound butter  
3 cups powdered sugar, sifted  
1 cup peanut butter

Melt butter, peanut butter and chocolate chips in microwave. Pour over cereal in a large bowl (Tupperware works best). Mix. Pour powdered sugar over all and shake.

\*\*\*\*\*

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## 2016 Grass & Grain Holiday Recipe Contest

**Lisa Conger, Topeka:**  
**PEPPERMINT COOKIES**  
 1 cup shortening  
 1/2 cup sugar  
 1/2 cup brown sugar  
 2 eggs  
 1 1/2 teaspoons vanilla  
 2 3/4 cups flour  
 1 teaspoon salt  
 1/2 teaspoon baking soda  
 1/2 cup crushed peppermint candies

In a bowl cream shortening and sugars; add the eggs one at a time, beating well after each addition. Beat in vanilla. Combine the dry ingredients, gradually add to the creamed mixture. Stir in crushed candies. Shape into 15-inch roll; wrap in plastic wrap. Refrigerate for 4 hours or until firm. Unwrap and cut into 1/8-inch slices. Place 2 inches apart on ungreased baking sheets. Bake at 375 degrees for 6-8 minutes or until edges begin to brown; remove to wire rack to cool.

\*\*\*\*\*

**Rose Edwards, Stillwater, Okla.:** "So easy for busy cooking day."

**CHRISTMAS DAY MASH POTATOES**  
 5 pounds potatoes, peeled & cut into 1 1/2-inch pieces  
 1 cup chicken broth  
 1/2 cup butter, diced  
 Good pinch of salt  
 2/3 cup sour cream  
 1/3-1/2 cup warm milk  
 Pepper to taste

Place potatoes, broth and butter into a 6-quart slow-cooker. Season with salt and pepper. Mix together. Cook on high for 4 hours or low 7-8 hours until very tender. Mash with masher or mixer. Stir the sour cream and milk in until mixed. Add more milk if needed. Keep warm on low setting.

\*\*\*\*\*

**Mary Trojan, Beaver Crossing, Nebraska:** "Good made a day ahead."

**PUMPKIN TORTE**  
 2 cups graham cracker crumbs  
 3/4 cup sugar, divided  
 1/2 cup butter or margarine  
 2 eggs, beaten  
 8 ounces cream cheese  
 2 cups pumpkin  
 3 egg yolks  
 1/2 cup sugar  
 1/2 cup milk  
 1/2 teaspoon salt  
 1 tablespoon cinnamon  
 1 envelope plain Knox gelatin  
 3 egg whites  
 1/4 cup sugar  
 Cool Whip

Mix graham cracker crumbs, 1/2 cup sugar (part

of the 3/4 cup) and margarine. Press into a 9-by-13-inch pan. Mix 2 eggs, 1/4 cup sugar (remaining of the 3/4 cup sugar) and softened cream cheese. Pour over crust and bake at 350 degrees for 20 minutes. Cook pumpkin with 3 egg yolks, 1/2 cup sugar, milk, salt and cinnamon until thickened. Remove from heat and add gelatin dissolved in a small amount of water. Cool. Beat 3 egg whites and 1/4 cup sugar. Fold into pumpkin over cool crust. Can frost with Cool Whip.

\*\*\*\*\*

**Kellee George, Lawrence:**  
**CRANBERRY ORANGE CHEX MIX**

3 cups Corn Chex  
 3 cups Rice Chex  
 3 cups Wheat Chex  
 1 cup sliced almonds  
 1/4 cup butter  
 1/4 cup brown sugar  
 1/4 cup frozen thawed orange juice concentrate  
 1/2 cup dried cranberries

Heat oven to 300 degrees. In a large bowl mix cereals and almonds; set aside. In microwave bowl place butter, cover with paper towel. Microwave on high 30-50 seconds or until melted. Stir in brown sugar and orange juice concentrate. Microwave uncovered on high 30 seconds; stir. Pour over cereal mixture, stirring until evenly coated. Spread in large ungreased roasting pan. Bake uncovered 30 minutes stirring after 15 minutes. Stir in dried cranberries. Spread on waxed paper to cool. Store in air-tight container.

\*\*\*\*\*

**Lucille Wohler, Clay Center:**  
**PUMPKIN UPSIDE DOWN CAKE**

3 eggs, lightly beaten  
 (2) 1-pound cans pumpkin  
 3/4 cup sugar  
 12-ounce can evaporated milk  
 1 1/2 teaspoons nutmeg  
 1 teaspoon ginger  
 1 tablespoon cinnamon  
 1 package yellow cake mix  
 3/4 cup melted butter  
 1 cup broken pecans

Mix the beaten eggs with the pumpkin, sugar, evaporated milk, nutmeg, ginger and cinnamon. Put into a well-greased 9-by-13-inch pan. Sprinkle the cake mix over filling then drizzle with melted butter. Bake at 350 degrees for 30 minutes. Remove and top with broken pecans. Return to oven and bake 30 more minutes.

\*\*\*\*\*

**Joanne Breault, Wamego:**  
**IMPOSSIBLE PUMPKIN PIE**

2 eggs  
 12-ounce can evaporated milk  
 15-ounce can solid pack pumpkin  
 3/4 cup sugar  
 1/2 cup Bisquick baking mix  
 2 tablespoons butter, melted  
 2 1/2 teaspoons ground allspice  
 2 teaspoons vanilla extract  
 Whipping topping (optional)

In a blender combine the eggs, milk, pumpkin, sugar, biscuit mix, butter, allspice and vanilla. Cover and process until smooth. Pour into a 9-inch pie plate (dish will be full). Bake at 350 degrees for 50 to 55 minutes or until a knife inserted near the center comes out clean. Serve with whipped topping if desired.

\*\*\*\*\*

**Millie Conger, Tecumseh:**  
**MINT MERINGUES**

2 egg whites  
 1/4 teaspoon cream of tartar  
 1/8 teaspoon salt  
 1/2 cup sugar  
 1/4 teaspoon mint extract  
 3-5 drops green food color  
 Candy sprinkles

Heat oven to 200 degrees. Grease 2 large cookie sheets. In small bowl combine egg whites, cream of tartar and salt; beat with mixer at medium speed until foamy. Increase mixer speed to high and add sugar 1 tablespoon at a time, beating until meringue is very stiff and glossy and sugar is dissolved. Beat in mint extract. Fold in food color 1 drop at a time until of desired color. Use disposable decorating bag or gallon size plastic bag with 1/2-inch hole cut in bottom corner of bag. If desired fit large star tip in corner. Spoon meringue into bag, twist top of bag to seal. Squeeze bag to pipe meringue into 1-inch puffs on greased cookie sheets. Sprinkle each with candy sprinkles. Place cookie sheets on center rack in oven. Bake for 2 hours. Immediately remove cookies from cookie sheets and place on wire racks. Cool 5 minutes or until completely cooled.

\*\*\*\*\*

**Cristi Ellexson, Tescott:** "I made this bread this summer and entered it in our county fair where it received first place, Division Champion as well as Best of Show. It makes a BIG round loaf! Would be a great addition to

a holiday table or any table."

**DILL BREAD**  
 3 1/2 to 4 cups flour, divided  
 1/4 cup sugar  
 1 1/2 teaspoons dill weed  
 2 tablespoons dry minced onion  
 1 teaspoon salt  
 1 package quick rise yeast  
 1 1/2 cups milk  
 1/3 cup butter  
 1 egg

In large bowl, combine 1 1/2 cup flour, sugar, dill weed, onion, salt and yeast. Mix well. In small pan heat milk and butter until very warm (120-130 degrees). Add warm liquid and egg to flour mix and blend at low speed until moist. Beat 3 minutes at medium speed. Stir in additional flour until dough forms a ball. Knead on floured surface 3-5 minutes, adding more flour if necessary. Cover and let rise in greased bowl until doubled, about 50 minutes. Punch dough down and proceed by shaping dough into round loaf. Cover and let rise on greased sheet pan until doubled, 30-45 minutes. Bake in preheated 400-degree oven 20-30 minutes or until done. Cover with foil if necessary to prevent overbrowning. Brush top with more butter if desired.

\*\*\*\*\*

**Millie Conger, Tecumseh:**  
**PUMPKIN PECAN COOKIES**  
 2 cups flour  
 1 1/2 teaspoons baking powder  
 1 teaspoon cinnamon  
 1/4 teaspoon baking soda  
 1/4 teaspoon ground allspice  
 1 cup butter  
 1 cup sugar  
 1 egg  
 1 cup canned pumpkin  
 1 cup chopped pecans

Preheat oven to 375 degrees. In a bowl stir flour, baking powder, cinnamon, baking soda and allspice; set aside. In a large bowl beat butter with mixer on high for 30 seconds. Add sugar. Beat until combined, scraping sides of bowl. Beat in egg and pumpkin until combined. Using wooden spoon stir in flour mixture and pecans. Drop dough by rounded teaspoon 2 inches apart onto ungreased cookie sheet. Bake about 10 minutes or until bottoms are lightly browned. Cool on cookie sheet for 2 minutes. Transfer to a wire rack to cool.

**NOTE:** If you want, spread with vanilla frosting.

\*\*\*\*\*



By Ashleigh Hett

This bread is all the rage right now. Everyone wants crack bread! Now the reason behind the nickname: "crack bread" is because it's addictive. Very, very addictive.. And it's so easy to make!

You can use about anything when topping this bread. It really all depends on the mood you're in. If you're in a "veggie mood," you can make this with a yummy combo of peppers, onions, garlic, tomatoes, cheese or anything else. If you're in a "bad-for-you mood," you can just smother it in Ranch, bacon, and cheese. Yum!!

You'll need:

1 loaf Italian bread  
 2/3 cup butter, melted  
 1 T. Dijon mustard  
 1/4 t. Italian seasoning  
 3 cloves garlic, minced  
 5-6 yellow pear tomatoes  
 1/8 - 1/4 cup onion, minced  
 2 - 3 cups Mozzarella cheese, shredded



Start by laying your loaf of bread on a large baking pan or cookie sheet. Using a serrated knife, cut the bread loaf diagonally both ways, being careful not to cut through the bottom crust.

In a microwave-safe bowl or measuring cup, melt the butter. Stir in the Dijon mustard and Italian seasoning. Pour over the top of your loaf. Be sure to let it drizzle down into the cracks!

Now grab your cheese and top the bread with it. Push a little into the

## Stuffed Garlic-Cheese Bread (Crack Bread)



cracks and crevices. Don't even consider being stingy with it! Top the cheese with the chopped-up tomatoes, minced onion and garlic. Bake at 350 degrees for 15-20 minutes or until turning golden brown and cheese is bubbly!

Now this is the part where you jump back from the table after setting the pan down, as all of the ravenous people with forks come rushing forward. Be sure to serve warm and enjoy!

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

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## LAND AUCTION

**Saline County, KS**

**Tuesday, January 10th at 11:00 a.m.**

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**TRACT 1:** 75 acres +/- of cropland - the W ½ SW ¼ of Section 36, Township 13 South, Range 2 West of the 6th P.M., Saline County, KS; EXCEPT a tract of land located in the Northwest corner of the SW ¼ of Section 36 (full legal description will be provided).

**LOCATION:** The property is located to the southeast of the southeast corner of New Cambria, KS. It is located on the east side of the road. The parcel surrounds the New Cambria wastewater facility.

**TRACT 2:** 14.5 acres +/- of cropland - the East 14 ½ acres of the South 51 acres of the SE ¼ of Section 31, Township 13 South, Range 1 West of the 6th P.M., Saline County, KS.

**LOCATION:** Travel 1 mile south of New Cambria, KS to E. Stimmel Rd and then 1 ¼ miles east. It is on the north side of the road.

**TRACT 3:** 78 acres +/- of cropland - the N ½ SW ¼ of Section 9, Township 14 South, Range 1 West of the 6th P.M., Saline County, KS.

**LOCATION:** The property is located 6 miles east of Salina on Country Club Road and 1/4 mile to the north on Kipp Rd. It is on the east side of the road.



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State University program, Top 10 Considerations to Navigate a Struggling Farm Economy, is planned in eight communities across Kansas. The program was developed by K-State Research and Extension to help producers think critically about how their farms might withstand the tough times. The program will address some of the most critical aspects of farming operations – especially important in this time of low commodity and livestock prices. Kansas Farm Management Association data showed average net farm income, on an accrual basis in 2015, at \$4,568 – down more than 95 percent

from \$128,731 in 2014.

Each presentation topic will provide a framework to evaluate options and opportunities. They include: maintaining working capital; restructuring debt; managing machinery expenses; family living expenses; enterprise diversification; safety nets; income tax management and more.

Presenters include nationally renowned K-State agricultural economists including Allen Featherstone, professor and agricultural economics department head, and Art Barnaby, professor and Extension agricultural economics state leader. Also featured are Mykel Taylor, assistant pro-

fessor and Extension farm management specialist, and Gregg Hadley, assistant director of K-State Research and Extension.

Other K-State faculty members and KFMA economists will discuss key topics important to today's producers.

The program in each location starts with sign-in at 8:30 a.m. followed by the program beginning at 9 a.m. Lunch is included. Registration is requested at least eight days prior to the specific program you plan to attend.

Program dates, locations and telephone numbers to call for registration:

Dec. 15 – Parsons – South-

east Research and Extension Center, 25092 Ness Road – 620-724-8233

Jan. 18 – Salina – Ambassador Hotel, 1616 W. Crawford – 785-392-2147

Jan. 19 – Topeka – Shawnee Co. Farm Bureau, 3801 S.W. Wanamaker – 785-232-0062

Feb. 6 – Hays – K-State Agricultural Research Center, 1232 240th Ave. – 785-628-9430

Feb. 7 – Dodge City – Knights of Columbus Hall, 800 Frontview – 620-227-4542

Feb. 8 – Colby – City Limits Convention Center, 2227 S. Range – 785-460-4582

Feb. 15 – El Dorado – Butler County Community (4-H) Building – 316-321-9660

Details about the program are available online at [www.agmanager.info/events/top-10-considerations-navigate-struggling-farm-economy](http://www.agmanager.info/events/top-10-considerations-navigate-struggling-farm-economy)

USDA issues final crop progress report for growing season

For the week ending November 27, 2016, warm, mostly dry conditions were experienced, according to the USDA's National Agricultural Statistics Service. Some northern counties received up to one inch of rain, while the rest remained dry. There were 6.4 days suitable for fieldwork. Topsoil moisture rated 14 percent very short, 31 short, 53 adequate, and 2 surplus. Subsoil moisture rated 8 percent very short, 27 short, 64 adequate, and 1 surplus.

This is the last weekly Crop Progress and Condition report for the 2016 growing season. We would like to extend our appreciation to the dedicated county FSA and Extension staff who supplied the necessary information for these reports. For December through February, we will issue monthly reports. The first monthly report (for December) will be issued January 3, 2017. Weekly reports will begin March 6th for the 2017 season.

Field Crops Report: Winter wheat condition rated 3 percent very poor, 10 poor, 35 fair, 45 good, and 7 excellent. Winter wheat emerged was 96 percent, near 98 both last year and the five-year average.

Cotton harvested was 69 percent, near 67 last year, but behind 74 average.

Sunflower harvested was 95 percent, near 94 both last year and average.

Livestock, Pasture, and Range Report: Pasture and range conditions rated 2 percent very poor, 6 poor, 30 fair, 53 good, and 9 excellent.

Stock water supplies were 2 percent very short, 13 short, 83 adequate, and 2 surplus.

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# 2017 Hereford Shots photo contest announced

The American Hereford Association (AHA) is once again hosting a monthly "Hereford Shots" photo contest for all Hereford and photography enthusiasts.

Each month the AHA will have a different theme for photo submissions. A panel of industry experts will judge entries and select the top five submissions each month. Those entries will vie for a "People's Choice Award" on the AHA Facebook page.

Submitted photos could be used in Hereford marketing and promotional projects including ad campaigns, social media, newsletters, the AHA website and the Hereford World.

Monthly "People's Choice" winners will be published in the *Hereford World* and recognized online. In December, the 11 monthly winners will compete for the 2017 photo of the year on the AHA Facebook page. The winner will receive a \$100 ShopHereford.com gift card.

Entry deadlines are the first of each month. For example, January entries are due Jan. 1. The top five entries will post to Facebook by the fifth of each month, and voting will remain open until the tenth of each month.

Photos must be high quality, high-resolution and submitted electronically. Digital submissions must be 300 dpi, minimum 8"x10" and in JPG format. To submit, e-mail or dropbox images to kbaker@hereford.org

All photos become the property of the AHA. The AHA reserves the right to use any images submitted for the Hereford World or for any AHA or Certified

Hereford Beef marketing purpose.

Monthly themes are as follows:

January: Herefords in the Snow - Hereford cows/calves/bulls must be the focus of the image with a snow/winter theme.

February: Hereford Love - Show us how you care for your Herefords. Farmers and ranchers working with Herefords should be the focus of the photo.

March: Herefords Up Close - Hereford cattle up close must be the focus of the image.

April: Herefords in the Spring - Hereford cows/calves/bulls must be the focus of the image with a spring theme.

May: All About the Bull - The Hereford bull must be dominant in the photo. Suggested poses include ¾ front or rear-view, a group of bulls, or a bull with cows and/or calves.

June: The Momma - Photo must feature the Hereford cow. Calves or bulls may be

in the photo but the focus must be on the cow.

July: Unbeatable Baldies - Photo must feature baldie females or calves. The photo can also include a Hereford bull, but that is not required.

August: Hereford Juniors in Action - Hereford youth must be the focus with a Hereford also in the photo. Examples include working cattle, feeding, showing, fit-

ting etc.

September: Out to Pasture - Scenic cow herd shots. This can include only Hereford cattle or can be a commercial herd with a Hereford bull and baldie calves.

October: Working Cattle - Images of working cattle. Examples include administering shots, branding and sorting cattle.

November: The Sale Ring - Images of Hereford or Her-

ford-influenced cattle in a sale ring. Images can be from a production sale or a sale barn. This includes any image related to sale day.

For more information about the Hereford Shots contest, contact Kaylen Baker at kbaker@hereford.org.

## REAL ESTATE AUCTION

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Auction Location: The Wamego Senior Center (South Room),  
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PROPERTY LOCATION: From Louisville, KS go 1 ¼ miles north on Hwy. 99. The property is bordered on the west by Hwy. 99 and the east by the Wheaton Road blacktop.

For complete info check website: [mcclivestock.com/clinerealty](http://mcclivestock.com/clinerealty)  
**SELLER: ERMA JEAN WITT**

Cline Realty & Auction, LLC represents the Seller's interests.

Auction Conducted By: **CLINE REALTY & AUCTION, LLC**  
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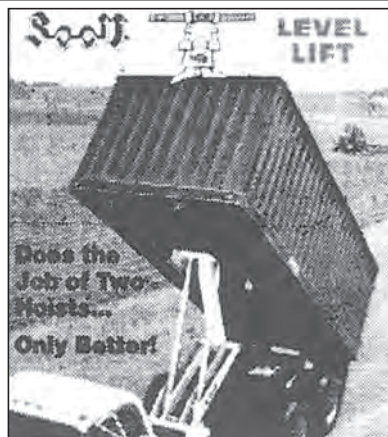
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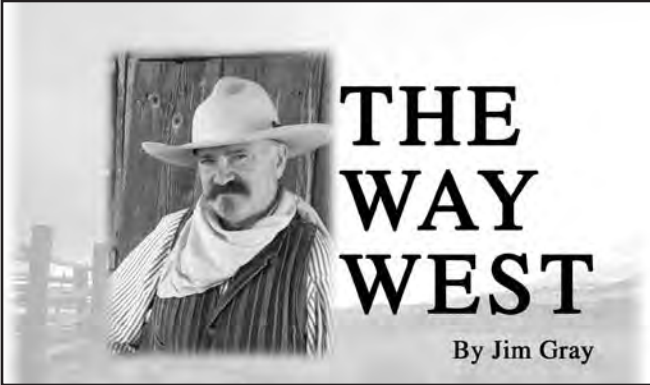
**Sunday, December 11th 12:00 Noon Beatrice, NE**

 <b>LHT Ms. Uprising 122D</b> LLSF Uprising X925 x Remington Red Label HR Feb. PB Show Heifer Prospect	 <b>NEU Ms. Overdrive 16C</b> Yardley High Regard x HC Power Drive 88H Bred to W/C Executive Order
 <b>LHT Ms. Amigo 268B</b> CDF Mr. Amigo x Wheatland Red Teddy 457P Bred to W/C Executive Order	 <b>LHT Ms. Valley 129C</b> SAV Angus Valley 1867 x SAV Iron Mountain 8066 Bred to W/C Executive Order
 <b>LHT Mr. 701T 206C</b> GW Predestined 701T x LFEBISS Black Advance 426U Herd Bull Prospect	 <b>LHT Mr. Bismark 187C</b> SAV Bismark 5682 x PVF-BF BF26 Black Joker Herd Bull Prospect

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War on the Wakarusa

The Wakarusa area south of Lawrence was an early flashpoint in the struggle between the Free State and pro-slavery settlers in Kansas Territory. On November 21, 1855, Free Stater Charles Dow was killed by Franklin N. Coleman of the pro-slavery ranks. The trouble surfaced from a dispute over a piece of property. Douglas County Sheriff Samuel Jones took Coleman into protective custody and arrested Jacob Branson for

making threats against Coleman. As Sheriff Jones passed through the Wakarusa valley a Free State militia blocked his path, demanding that he relinquish Branson to their custody. Jones gave him up but swore he would clean out the abolitionist Free Staters, starting with Lawrence, Kansas. The rescuers rode to Lawrence. Sheriff Jones and his posse rode to the pro-slavery town of Franklin, a few miles southeast of Law-

rence. From there Jones called on Col. Albert Boone, Daniel Boone's grandson, to provide three thousand men from Missouri to quell the "rebellion" in Lawrence. As an afterthought, he also requested Kansas Governor Shannon to raise troops. Pro-Slavery volunteers began to gather near Franklin as the threat of a "Wakarusa War" heated up. Despite efforts to keep the town of Lawrence out of the conflict the resentment at Franklin quite naturally was directed in the town's direction. As the conspicuous stronghold of the abolitionist movement, destruction of the town could very possibly end the Free State crusade in Kansas Territory. Two hundred fifty men gathered at the "Wakarusa Camp" swelled to fifteen hundred, all with intentions of wiping Lawrence off the map. To his credit, Governor Shannon did not want bloodshed. As governor over a divided constituency he hoped to somehow negotiate a peace. As tensions rose the citizens at Lawrence began to prepare for an attack from the "invaders". Free State militias arrived in Lawrence from other parts of the Territory. Approximately eight hundred men

with "Sharpe's" rifles, shotguns, and or pistols drilled and built earthen defenses. They had even smuggled a cannon through pro-slavery lines. On the other hand, Sheriff Jones was bent on complete destruction of the Free State Party. He held writs for arrest warrants, naming men he believed were in Lawrence. Jones audaciously entered Lawrence to take stock of the situation. He was able to do so unmolested, while Free State leaders sent communications to Governor Shannon for help in diffusing the state of affairs. On December 7th Governor Shannon and Colonel Boone entered Lawrence to negotiate with Free State leaders, Charles Robinson and Jim Lane. Introductions were solemnly conducted over the corpse of Thomas Barber. He had been killed the day before while trying to pass through pro-slavery lines on his way home from Lawrence. Shannon hoped to diffuse the situation with a convincing argument for disarming not only the Free State militias but everyone in Lawrence. Robinson and Lane refused. They were not about to allow such an advantage to the Missouri men just beyond their city limits. Shannon returned to the Wakarusa camp with a promise that an agreement for peace would be reached the following day. That evening he learned that within the Missouri ranks men were preparing to attack no matter the outcome of negotiations. Shannon appealed to his military leaders to preserve order within their ranks. Every moment brought a new worry. On his return to Lawrence the morning of December 8, 1855, Governor Shannon found a prepared document waiting for his signature. The treaty declared that the entire incident had been framed by one misunderstanding built upon another. Lawrence officials admitted to no part in the rescue of Jacob Branson and that city admiration was committed to upholding the Territorial laws of Kansas. In doing so they were recognizing Wilson Shannon as their governor, despite his pro-slavery stance. They demanded in return, due process within the Territory and bail for the accused. All persons arrested without due process "shall be set at liberty". The agreement required another five hours of reasoning before it was finally signed. Governor Shannon

concluded his business in Lawrence with an address from the doorway of the Free State Hotel. Having assured the crowd that peace was at hand he ventured forth to disperse the pro-slavery forces. Robinson and Lane accompanied him to Franklin where thirteen pro-slavery leaders were waiting. Shannon, Robinson, and Lane each addressed the council of partisan leaders for three hours before retiring for the night. Governor Shannon wrote that he did not feel safe in issuing the order to disband forces until the morning of December 9, 1855. The order might not have been enough to disperse the pro-slavery forces had not a brutal blast of winter blown in. With winter nipping at their heels the would-be warriors gave up the contest and returned home with stories of the Wakarusa War they almost fought on The Way West. "The Cowboy," Jim Gray is author of the book Desperate Seed: Ellsworth Kansas on the Violent Frontier, Executive Director of the National Drivers Hall of Fame. Contact Kansas Cowboy, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kans.com

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Federation leadership approves projects to boost beef demand

The Federation of State Beef Councils, which includes the Kansas Beef Council, will invest nearly \$1 million in reserve funds to boost beef demand in

and increasing supplies. According to Federation chairman Steve Hanson, a beef producer from Nebraska, the group's executive committee moved quickly

checkoff funding in hopes of sparking demand at a time when ranchers and feeders are feeling a squeeze on the bottom line. "Our state beef council partners communicated to national leadership the importance of using every opportunity to use checkoff resources to build beef demand in the face of cattle market challenges," said Hanson.

The \$940,000 investment from Federation reserves will be spent on various international and national beef promotions. One will involve the U.S. Meat Export Federation (USMEF) partnering with supermarket chains in Japan to move an estimated 6.9 million pounds of additional beef. Another USMEF project, with Korean supermarket and second-tier discount chains, is expected to incrementally move about 5.8 million pounds of beef. Dollars channeled through NCBA will be used to encourage millennials in larger cities to make greater beef purchases at the supermarket. The NCBA promotion will use Ibotta, a smartphone app that shares beef information with consumers, then allows them to obtain cash rebates based on retail beef purchases. Hanson said producer leaders identified these and other new investments as a chance to quickly and directly make a positive difference in beef demand.

The Federation of State Beef Councils is a division of NCBA, which is a contractor to the beef checkoff program

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# AROUND KANSAS



It has been a busy season for Minnie and Pearl, our beautiful team of mules. With the help of J. D. Perry and Christal Bohrer, and substitute stage driver, Alex Day, they have been pulling the Fort Wallace Stage Coach in one parade after another. The army ambulance pulled by our Hafingers, Floyd and Ernest, has been getting lots of attention, especially

with the pretty passenger, Libbie Custer (Marla Matkin) sitting by driver Claire Shrock, and carrying the banners for Fort Hays State Historic Site.

Dr. Jake's Cavalry Tribute Troop has been making the rounds promoting the events of next summer as Fort Hays marks its 150th anniversary in its present location, and Fort Wallace marks the 150th year since

the 7th Cavalry battled the Cheyenne on that ground. Fort Hays State Historic Site has events planned for the weekend of June 17 and 18, and the Great Fort Wallace and Western Kansas 1867 Exposition will be held July 6-9, 2017.

Dr. Jake will be recreating the historic and ill-fated ride of Lyman Kidder in late June and early July, minus the part where the men are attacked and killed! It is going to be a very busy year. So many counties, towns, and events will be marking their 150th anniversaries that the state of Kansas should be one continual party from January first to December thirty-first.

And me? Well, I'm just the press agent!

I do, in fact, head the committee that is planning events at Fort Wallace.

The new addition to the museum, complete with its plesiosaur fossil, will be complete and marking its grand opening at that time. A big thank you shout-out to Mike Kessinger of the *Hays Daily News* for his recent article, *Resurrecting Thof's Dragon*, about the documentary film we are producing with teacher Brenda Tropp. Brenda is involving her students in re-enacting and recording the events around the discovery of that ancient beast.

Speaking of ancient beasts, Mike Everhart, Adjunct Curator of Paleontology at the Sternberg, is releasing the second edition of *Oceans of Kansas*. He promises it is "bigger and better, updated with new fossils and old history."

As we approach the end of 2016 and look forward to a year full of hard work and

Grass & Grain exciting events, we are reminded that there is much to celebrate in Kansas -- all year long.

Deb Goodrich is the co-

December 6, 2016 Page 9 host of *Around Kansas*, the Wednesday morning feature on AGam. You may contact her at [author.debgoodrich@gmail.com](mailto:author.debgoodrich@gmail.com).

## LAND AUCTION

105 acres +/- of native grass • Riley County, Kansas

Thursday, December 15th at 7:00 p.m.  
Randolph Senior Center, Randolph, KS  
Grazing • Hay Meadow • Prime Hunting

**Tract:** The North Half (N ½) of the Northeast Quarter (NE ¼) and the Southeast Quarter (SE ¼) of the Northeast Quarter (NE ¼) of Section 34, Township 6, Range 6 East, in Riley County, KS, LESS a tract of land in the SE ¼ of the NE ¼ of 34, 6, 6E (full legal description will be provided).

**Location:** From Randolph, travel approximately 5 miles north to Norlin Rd and then a ½ mile east. The property starts on the south side of the road.

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## New research at Illinoi could make ethanol production more efficient and economic

New research at the Integrated Bioprocessing Research Laboratory (IBRL) on the University of Illinois Urbana-Champaign campus could significantly change ethanol production by lowering operating costs and simplifying the dry grind process.

"There are currently more than 200 dry grind plants that are processing corn to produce ethanol," says Vijay Singh, director of IBRL and a professor in agricultural and biological engineering. "The dry grind process requires two different enzymes to convert corn starch to glucose, which is further fermented to ethanol by yeast."

Singh says that process has been simplified by combined use and optimization of three new technologies. "A new corn developed by transgenic technology, known as amylase corn, produces one of these enzymes in the grain itself, and a newly engineered 'superior yeast' provides the second enzyme, as well as fermenting the glucose.

"There is a high expression level of the first enzyme, amylase, in the new corn, so only a small amount (15 percent was tested in these studies) of this corn is required to be mixed with conventional dent corn," Singh notes. "The superior yeast provides the second enzyme, glucoamylase, and also provides an alternate metabolic pathway to reduce by-product formation during fermentation. Combined use of this corn and superior yeast can reduce

the total enzyme addition by more than 80 percent."

Another approach to improve the dry grind process is to use high solids in the plant. However, according to Singh, high solid concentrations leads to high ethanol build-up in the tank. "High ethanol affects the yeast viability and inhibits its fermentation performance, so we have added a third technology to the process. We remove the ethanol as it is being produced, using a vacuum flashing process that is patented technology from the University of Illinois. Only a couple of vacuum cycles of 1 to 1.5 hours can bring the ethanol concentration below the inhibitory levels without affecting yeast health and allow complete fermentation of corn solids up to 40 percent," says Singh.

Deepak Kumar, a postdoc-

toral research associate in agricultural and biological engineering, says because the dry grind process uses a significant amount of water, using more solid material in the slurry - 40 percent as opposed to 30-35 percent - means less water going into the process. "When ethanol is produced, it is in a very dilute solution. You have a small amount of ethanol and a large amount of water," says Kumar. "We cut down the water use by pushing high solids. When we reduce the amount of water, we also reduce the amount of energy required to remove the water."

Singh believes this new research has the potential to improve the economics and process efficiencies and simplify the dry grind process. "By developing highly optimized technologies, we will benefit the entire

dry grind industry," he concludes.

Singh and Kumar received the 2016 Bioenergy Society of Singapore (BESS) Achievement Award for their work, in particular their paper "Dry-grind Processing using Amylase Corn and Superior Yeast to Reduce the Exogenous Enzyme Requirements in Bioethanol Production." This award recognizes the importance of research on bio-energy and bio-based chemicals and was given to Singh and Kumar for their contributions to biofuels research. The paper has been published in *Biotechnology for Biofuels*, and the full text can be found online at <http://bit.ly/2f4JFe3>.

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## LAND AUCTION

MONDAY, DECEMBER 19, 2016 — 10:00 AM  
Offering for sale at Public Auction, located at 802 S. Birch, (Scout House Memorial Park), HILLSBORO, KS

348 +/- Acres Marion CountyLand

**Legal Description Tract 1:** The SE ¼ of the NE ¼ of 29-20-2E, 40 acres more or less, Marion County Kansas. The land is located 4 miles south, 1 mile west & ¼ mile south of Hillsboro, KS. The soil consists of Wells loam & Clime silty clay loam with an approximate slope of 3-7%. This tract consists of 38.62 acres of farmland, 37.72 acres cropland. FSA information: Wheat Base 17.3 acres with a 44 bu. yield, Milo Base 17.3 acres with a 73 bu. yield, enrolled in PLC Program.

**Tract 2:** The SW ¼ of 24-20-1E, except the west 12 acres in the SW ¼ of the SW ¼, 148 acres more or less, Marion County Kansas. The land is located 4 miles south & 3 1/2 miles west of Hillsboro, KS. The soil consists of Irwin silty clay loam & Clime silty clay loam with an approximate slope of 1-7%. This tract consists of 145.65 acres of farmland, 117.52 acres cropland, 27.69 acres pasture. FSA information: Wheat Base 60.3 acres, 44 bu. yield & Milo Base 53.5 acres with a 73 bu. yield, Soybean Base 2.8 acres with a 22 bu. yield, enrolled in PLC Program.

**Tract 3:** The NW ¼ of 11-19-2E, 160 acres more or less, Marion County Kansas. The land is located 1 mile east & 3 1/2 miles north of Hillsboro, KS. The soil consists of Rosehill silty clay, Clime silty clay loam & Irwin silty clay loam with an approximate slope of 1-3%. This tract consists of 156.59 acres of farmland, 151.59 acres cropland. FSA information: Wheat Base 64.2 acres, 44 bu. yield, Oats Base 1 acres with a 41 bu. yield, Milo Base 80.4 acres with a 73 bu. yield, Soybean Base 2.9 acres with a 22 bu. yield, enrolled in the PLC Program. **Attend this Auction Prepared to BID & BUY!!!** Farmers National Company are acting as agent of the Seller. For more information call Van Schmidt, (620) 367-3800 or Farmers National Company, (402) 496-3276.

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**Selling 120 HEAD!**  
Bred Heifers, Fall Calving Pairs, Fancy Show Heifers, Bulls & Commercial Bred Heifers  
Sale Location: Beatrice 77 Livestock, 3320 North 6th Street, Beatrice, NE

*Trauernicht Simmentals*  
**Nebraska Platinum Standard**  
*Female Sale 2016*

**Sunday, December 11th 12:00 Noon Beatrice, NE**

<p>Feb. PB Show Heifer Prospect</p>	<p>Bred to W/C Executive Order</p>
<p><b>LHT Ms. Uprising 122D</b> LLSF Uprising X925 x Remington Red Label HR</p> <p>Bred to W/C Executive Order</p>	<p><b>NEU Ms. Overdrive 16C</b> Yardley High Regard x HC Power Drive 88H</p> <p>Bred to W/C Executive Order</p>
<p><b>LHT Ms. Amigo 268B</b> CDF Mr. Amigo x Wheatland Red Teddy 457P</p> <p>Herd Bull Prospect</p>	<p><b>LHT Ms. Valley 129C</b> SAV Angus Valley 1867 x SAV Iron Mountain 8066</p> <p>Herd Bull Prospect</p>
<p><b>LHT Mr. 701T 206C</b> GW Predestined 701T x LFEISS Black Advance 426U</p>	<p><b>LHT Mr. Bismark 187C</b> SAV Bismark 5682 x PVF-BF BF26 Black Joker</p>

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# Grass & Grain Auction Calendar

Online Construction Equipment auction bidding starts to close Dec. 15 — (purplewave.com)

December 5 — 784 m/l acres of pasture, farmland & recreational hunting land held at Salina for Linda Kay Banninger Trust & NANDOR, LLC. Auctioneers: United Country Real Estate, Crossroads Auction & Realty.

December 5 — Combine, harvesting equip., tractors, trucks, trailers, planters, drill & farm equip., hay & livestock equip., hay at Kinsley for Mr. & Mrs. Adam Froetschner & Mr. & Mrs. Richard Froetschner. Auctioneers: Carr Auction & Real Estate, Inc.

December 5 — Marion County native grass pasture &

CRP sold in 2 tracts held at Marion for Gordon & Judy Hiebert. Auctioneers: Lepke Realty & Auction.

December 6 — 115 acres m/l Dickinson County tillable land held at Abilene for Susan Schiffbauer. Auctioneers: Horizon Farm & Ranch Realty, LLC.

December 7 — Farm machinery, tractors, combines heads, trucks, pick-

ups, trailers near Preston for Zink Farms, Inc. Auctioneers: Hamm Auction & Real Estate.

December 10 — 1968 Camaro conv., vehicles, Star Wars collectibles, mechanics tools, car parts, tool chest, antiques & more at Kansas City. Auctioneers: Hiatt Auction.

December 10 — Farm machinery & equipment, trucks & more at Burlington for Travis & Lindsey Skillman. Auctioneers: Vaughn-Roth Auctions.

December 10 — Guns, ammo, hunting, fishing, antique furniture, trucks, cars, camper, boats, garage & service equipment, tools & more at Salina for Rob-

ert Moody Estate. Auctioneers: Wilson Realty & Auction Service.

December 10 — Real estate, 5 tracts, 500 acres m/l Charleston Township, Washington County land held at Washington for The Heirs of Paul H. Wilson. Auctioneers: Raymond Bott Realty & Auction.

December 10 — Farm machinery & equipment Southeast of Washington for Larry L. Ditmars. Auctioneers: Raymond Bott Realty & Auction, Raymond Bott, Lee Holtmeier, Luke Bott.

December 10 — Tractors, combine, construction & Apache sprayer, trucks, trailers, machinery &

equipment, misc. & other, bins to be moved held East of Chillicothe, Missouri for Bob & Jerrie Christison Trust. Auctioneers: Sewell Auction Service.

December 10 — Guns, sporting items, tools at Perry for Mrs. Dale (Judy) Fowler. Auctioneers: Wischropp Auctions.

December 10 — Farmstead with ranch-style brick home, barn & pens, farmland, pasture 7 hunting property & machinery held N. of Baileyville for Dale & Debbie Waller. Auctioneers: Cline Realty & Auction, LLC.

December 11 — Real estate & household at Clifton for the Estate of Pauline (Heitsman) Brubaker. Auctioneers: Raymond Bott Realty & Auction.

December 12 — Real estate, 2BR home with large lot & small storage building held at Burns for Violet Koehn. Auctioneers: Van Schmidt Auction.

December 12 — 66 acres m/l Pottawatomie County farmland & pasture with building site potential held at Wamego for Erma Jean Witt. Auctioneers: Cline Realty & Auction, LLC.

December 14 — Online farm machinery auction (www.bigiron.com).

December 14 — 612 acres m/l Dickinson/Morris County line tillable & pasture land offered in 3 tracts held at Junction City for Jared & Kevin Morgan Trusts. Auctioneers: Horizon Farm & Ranch Realty, LLC.

December 14 — Hartley & Moore County, Texas farmland (12,160 m/l acres) held at Dalhart, Texas for Wilder Farms, Inc., Wilder Corporation. Auctioneers: Schrader Real Estate & Auction Company, Inc.

December 15 — 105 acres m/l Riley County native grassland held at Randolph. Auctioneers: Gene Francis & Associates.

December 16 — Tractor, combine, truck, pickup, farm machinery of all kinds, trailer & other farm items at Portis for Dave & Linda Henke. Auctioneers: Wolters Auction.

December 17 — Modern farm machinery held Southeast of Greenleaf for Jason & Jennifer Hiltgen. Auctioneers: Donald Prell Realty & Auction.

December 17 — 158.1 m/l acres Washington County farmland, pasture & wildlife habitat held at Linn for Klozenbucher Family Trust. Auctioneers: Midwest Land & Home, Mark Uhlik, Jeff Dankenbring.

December 17 — 187 total acres m/l NW Shawnee County land, crop ground, pond, wildlife habitat held at Rossville for Dayton Family Trust. Auctioneers: Pearl Real Estate & Ap-

187 Total Acres  
133 Ac. Crop Ground  
3-Acre Pond

## REAL ESTATE AUCTION

NW Shawnee County

Excellent Wildlife Habitat

Paved Hoch Rd, North of Silver Lake, KS

**SATURDAY, DECEMBER 17, 2016 — 10:00 AM**

Citizen Potawatomi Community Center, 806 Nishnabe Trail, ROSSVILLE, KS

**LOCATION/DIRECTIONS:** From Silver Lake go north 6 miles on Hoch Rd, property on west side  
**BRIEF LEGAL DESCRIPTION:** SE½ Less Tract 9-10-14 -153.17 Acres & NE¼ NE¼ Less 2 Tracts 16-10-14 — 33.87 Acres, Shawnee County, Kansas.

**PROPERTY DESCRIPTION:** 187 acres with 133 acres of terraced crop ground with mostly Class II & III Pawnee clay loam soils, very nice 3 acre pond, small amount of brome grass hay ground, excellent wildlife habitat from tree covered draw with flowing water and grain fields on both sides, established interior field roads gives easy access to pond and to the west side of the farm. This versatile property would make a wonderful weekend getaway or a great setting for your new home plus farm income and recreational hunting and fishing.

[WWW.PEARLREALESTATE.ORG](http://WWW.PEARLREALESTATE.ORG)

**SELLER: DAYTON FAMILY TRUST**

PEARL REAL ESTATE & APPRAISAL SERVICE, INC.

ST. MARYS, KS 66536 • 785 437-6007

Mike Pearl, Broker, 785-256-5174

Dennis Rezac, Auctioneer, 785-456-4187

Go to  
Tallgrassauctions.com  
to view color pics!

## AUCTION

**SUNDAY, DECEMBER 18  
1:00 PM**

Located at HERINGTON,  
KS Community Building,  
South Broadway



Click on [ksallink.com](http://ksallink.com)

### FURNITURE, HOUSEHOLD, ETC.

2 queen size beds; 4 dressers; buffet; nice cedar chest; dining table, 4 chairs; 4 cupboards; matching lamp tables; unique table; shelving; bakers stand with 4 chairs; stereo; VCR tapes; variety of books; sewing fabric, quilting supplies and tools for squares; glassware, pots, pans, flatware & misc. dishes; Pro Form stepper exerciser; 2 golf bags; 2 rocking horses; kids toy vanity; stroller; Poulan chain saw.

### ANTIQUES, COLLECTIBLES, CERAMICS, ETC.

Ceramic set of 6 authentic baby animals, Wildlife Series, Red Fox, Bear Cub, Baby Skunk, Whitetail Fawn, Baby Raccoon, Baby Chipmunk; Japanese pottery; 13 Grolsch bottles, etc.; misc. Christmas toys; 20 VHS Star Wars movies and 12 Star Wars books; misc. dolls; old high chair; 2 rockers; 2 trunks; wood crates; old sled; CI stove items; 5 milk cans, 1 is marked Shapleigh-Jersey w/ld; tractor seats; wooden barrel; 2 Radio Flyer wagons; 3 oil lamps; Rayo

funnel; 3 music boxes; 3 white Fenton pieces; 3 piece Fenton candlesticks and vase; 3 hand-painted statues; Patriotic Heroes Salute statue; German (Limoge France) trays; handpainted tray; Pimbrose vase; Crown tea set with 6 cups; 4 salt & peppers; #6 Red Wing crock; 8 Goebel West Germany Hummels; old hat coat rack hooks; spittoon; milk bucket; KSU Ag College Creamery 1/2 pint jar, etc.; sharpening stone in wood box; pocket knives; misc. hatchets and scissors; skeleton keys; 8 CRIP Box Car Trust plates; Rock Island table top vise; RI-Burlington mini toy locomotives; RI Lines workers on lawn in DC picture; small photo of Herington, KS Dreamland Theater; 1928 Lost Springs, KS town in oil fields; picture of WWII sheet metal workers, Herington, KS air base; Army-Navy wool blankets; military canvas butchers knife holder; Elmo, KS Hudson Eagle tag; misc. post cards, pictures of area RR Depots, etc.; picture of Douglas DC-3 and B-52 planes; published 1943 Lowry Air Base Colorado training command

yearbook; misc. yard art; Ramona, Tampa and Woodbine Centennial belt buckles; Hesston 1982 and 25th Anniversary 1983 buckles; 1987 50th Flint Hills Anniversary buckle and '88 and '89; Bull Riders Silver belt buckle and Oscar Berninghaus through Hostile Country brass buckle; draw knives and other old tools; 2 Pepsi thermometers; lots of misc. smalls!

### GUNS & AMMO sell at 3 PM

Winchester Mo. 1890 hex barrel 22 cal. short; Winchester Mo. 03 22 auto stock filled; Winchester Mo. 62A 22 cal. Gallery rifle; Am. Arms Double Eagle Derringer o/u 22 cal. rim fire; Smith-Wesson Mo. 22A-1 22 cal. LR, NIB; HR Model 686 22 cal.; HR 22 Special LR; ladies Daisy Mo. 1998 lever action BB gun, pink stock, NIB; 9 1/2"-13" bayonet blades w/covers; Lots of Ammo, BBs, 22 short & LR cal.; 16 ga. shotgun shells; Trooper cap gun; 2 cast metal possible 22 cal. starter single shot hand guns; gun parts; .22 blank cartridges by Remington Arms; wooden glass door gun cabinet.



**NOTE: Come and do your last-minute Christmas shopping on some great items! Stay warm, visit with friends & enjoy good food!**  
**TERMS:** Pay by Cash or Good Check. Statements made day of auction take precedence over printed material. Not responsible for accidents.

**SELLERS: JACK PICKERING & GOLDIE VAUGHAN**

(Both reside in retirement village (Jack Farmstead) (Goldie Homemaker)

**AUCTIONEERS: BOB'S AUCTION SERVICE, Bob Kickhafer, 785-258-4188**

Clerk/Cashier: Bob's Auction Service • LUNCH SERVED!

## REAL ESTATE AUCTION

**MONDAY, DECEMBER 12, 2016 — 11:00 AM**

Offering for sale at Public Auction, located at 310 E. Scott, BURNS, KANSAS

**Legal Description:** The E 1/2 of Lot 17 & all of Lots 18, 19 & 20, in part of the NW 1/4 of the SE 1/4 of 33-22-5, original town of Burns, KS. This property is improved with a 2 bedroom, 1 1/2 bath, 1272 sq. ft. bungalow style home built in 1900, & remodeled in 2007; with CH/CA, crawl space, well, double detached garage with breeze way. This property has a nice location in the NE corner of Burns, large trees & lot & a small metal storage building. Attend this Auction Prepared to BID & BUY!!!

Farmers National Company are acting as agent of the Seller. For more information call Van Schmidt, (620) 367-3800 or Farmers National Company, (402) 496-3276.

**VIOLET KOEHN, SELLER**

**VAN SCHMIDT • Auctioneer/Real Estate**  
7833 N. Spencer Road, Newton, KS 67114  
**620-367-3800 or 620-345-6879**

Schmidt Clerks & Cashiers

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Farmers National Company (402) 496-3276

## LAND AUCTION

**SATURDAY, DECEMBER 17 — 10:00 AM**

American Legion, 100 5th St. — LINN, KANSAS

### 158.1 ACRES± WASHINGTON COUNTY KANSAS LAND

**Tract Info:** This tract is approximately 158.1± acres with 80.6 acres gently rolling cropland, the balance being pasture, trees, and wildlife habitat. The cropland consists primarily of Crete silty clay loam 1-3 and 3-7% slopes. There is approximately 50 additional acres of fairly clean pasture with good soil types that could, with a little work, be converted to cropland. This tract has a good gravel road along the east side (Gypsum Rd) and 13th road along the south side. There is good access to this tract.

**Legal Description:** SE4, S30, T03, R02, 6th Principal Meridian, ACRES 158.1, EXC RD ROW.

2016 Real Estate Taxes = \$1588.23

### KLOZENBUCHER FAMILY TRUST, SELLER

**Listing Agent's Notes:** This tract is currently about half cropland and half pasture/wildlife habitat. The fences are in fair condition, the trees are a mix of ash, black walnut, hackberry and others. Some of the trees might be big enough to sell for logs. The cropland lays nice with minimal terracing. There is evidence of deer, turkey, and game-birds on this tract. This tract would work well as an addition to an existing farming or ranching operation or as a weekend getaway. This tract is a jewel in the rough, with a little spit and polish, it could be a top producer. Come take a look! *Give Mark Uhlik, Broker, a call for more details 785-325-2740.*

**Terms & Possession:** 10% down day of the sale, the balance due at closing on or before January 20th, 2017. Sellers to pay 2016 taxes and will retain the 2016 rental income. Title insurance, escrow and closing costs to be split equally between buyer and seller. Possession on closing. This property to be sold as-is. All inspections should be made prior to the day of the sale. This is a cash sale and will not be subject to financing, have your financing arrangements made prior to sale day. Midwest Land and Home is acting as a Seller's Agent and represents the sellers only. All information has come from reliable sources; potential bidders are encouraged to verify all information independently. Elizabeth Baskerville Hiltgen Law Office will act as escrow & closing agent. Announcements made the day of sale will take precedence over all other information.

Midwest Land  
and Home

Mark Uhlik: Broker/Auctioneer 785-325-2740

Jeff Dankenbring: Broker 785-562-8386

[www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)

When you want the Best, Call Midwest!

## Construction Equipment Auction

**Thur., December 15 Bidding starts to close at 10 a.m. CST**



**J5729 '08 Sterling**  
L9500 dump truck



**DA3892 '02 Case**  
580M backhoe



**BU9856 '13 NH**  
W80B wheel loader



**DA3863 '13 Takeuchi**  
TL10 skid steer



**DA4394 '08 JD**  
200D LC excavator



**DA4294 '03 Caterpillar**  
315C L excavator

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praisal Service, Inc.

December 18 — Furniture, household, antiques, collectibles, ceramics, etc., guns & ammo at Herington for Jack Pickering & Goldie Vaughan. Auctioneers: Bob's Auction Service, Bob Kickhafer.

December 19 — 348 m/l acres Marion County land sold in 3 tracts held at Hillsboro for Ethel G. Abrahams Trust. Auctioneers: Van Schmidt Auction.

December 31 — Harley

Gerdes 32nd annual New Years consignment auction at Lyndon.

January 10, 2017 — 3 tracts of land in Saline County held at Salina. Auctioneers: Gene Francis & Associates.

January 14, 2017 — Real estate & equipment held at Summerfield for CG's Grocery Store. Auctioneers: Olmsteds & Sandstrom.

January 21, 2017 — Consignments at Salina. Auctioneers: Wilson Realty & Auction Service.

February 3 — 160 acres m/l Marshall County land held at Frankfort for Johnny C. Bramhall Estate. Auctioneers: Horigan Auction.

March 11, 2017 — Annual

Concordia Optimist Club consignment auction at Concordia.

## Commodity Classic announces registration & housing opening date

Commodity Classic registration and housing reservations will open online at 10 a.m. CST on Wednesday morning, December 7, 2016. Rooms are expected to book quickly, so those interested should register and make reservations as soon as possible once registration is open.

The 2017 Commodity Classic will be held in San Antonio, Texas March 2-4, 2017, at the Henry B. Gonzalez Convention Center. The convention center will house all Commodity Classic events, including the Welcome Reception, General Session, Evening of Entertainment, Trade Show, Learning Center Sessions and What's New Sessions.

All registration and housing reservations should be made online at [www.commodityclassic.com](http://www.commodityclassic.com). Experience is the official registration and housing provider for Commodity Classic. In order to stay at an official Commodity Classic hotel, reservations must be made only through Experient to ensure favorable rates, reasonable terms and confirmed hotel rooms.

Established in 1996, Commodity Classic is America's largest farmer-led, farmer-focused convention and trade show, produced by the National Corn Growers Association, American Soybean Association, National Association of Wheat Growers, National Sorghum Producers, and Association of Equipment Manufacturers.

## Managing Your Farm Future program proactively works with producers to improve financial situation

Low commodity prices and high input costs are weighing heavily on farmers' bottom lines. A proactive new program, Managing Your Farm Future, is designed to help producers assess their current financial position, plus examine strengths and weaknesses in order to improve their balance sheets. The program is offered by Kansas State University's Department of Agricultural Economics and K-State Research and Extension.

The initial Managing Your Farm Future meeting is Tuesday, Dec. 13 in Manhattan and will be followed by one-on-one confidential consultations in January with members of the K-State Farm Analyst Program.

The Dec. 13 kickoff dinner and meeting will be

at Pottorf Hall, 1710 Avery Ave., at the Riley County Fairgrounds, starting at 6 p.m. The program includes:

The Farm Financial Situation — Mykel Taylor, assistant professor, K-State agricultural economics;

Overview of Financial Planning Workshops and FINPACK Farm Financial Software Demonstration — Duane Hund, director of the K-State Farm Analyst Program; and

Wrap up and registration for Farm Financial Consultation Workshops.

The Dec. 13 meeting is free, but registration is required by Dec. 7. Register online at [www.riley.ksu.edu](http://www.riley.ksu.edu) or call the K-State Research and Extension Riley County office at 785-537-6350.

That meeting can be followed by a one-on-one con-

fidential meeting with a member of the K-State Farm Analyst team on either Jan. 10 or Jan. 11, also in Manhattan at Pottorf Hall. Family members involved in the farming operation are encouraged to participate. The consultation fee is \$150.

Attendance at the Dec. 13 meeting is not required to register for a one-on-one consultation in January.

The goal is to pair a farm analyst with farm families and using FINPACK software to assess a farm's financial position and identify possible changes that could increase profitability and cash flow. Farmers will come away with a balance sheet, enterprise budgets, a base business plan and alternative business plan

### LAND FOR SALE

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scenarios.

Detailed information about this program can be found at [www.AgManager.info/other-meetings](http://www.AgManager.info/other-meetings). More information about the Farm

Analyst program is available on [www.k-state.edu/kams/](http://www.k-state.edu/kams/) or by calling the Kansas Agricultural Mediation Services, 800-321-FARM.

## BigIron

ONLINE AUCTIONS

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### UNRESERVED ONLINE AUCTION

WEDNESDAY, DECEMBER 14, 2016





**FEATURED SELLERS:**

- Jim E Brooks Retirement, Jim Brooks 785-562-6922, Beattie, KS 66406
- Richard Ryan 785-462-7825 or 785-443-3776, Gem, KS 67734
- Lance Cowley 316-734-9147, El Dorado, KS 67042
- Frank Gaydusek Retirement, Clara Ebert 785-456-3290, Mahaska, KS 66955
- Sunrise Acres, Inc. Retirement, Rex Mead 620-275-6680 or 620-277-5540, Garden City, KS 67846
- Dillard's Fencing, Dillard Ungeheuer 913-594-2670, Centerville, KS 66014
- Lewis Unruh 620-983-2294, Peabody, KS 66866
- Dillard Ungeheuer 913-594-2670, Centerville, KS 66014
- Webb Excavation LLC, Jesse Webb 620-680-0295, Lyons, KS 67554
- Wes' Recycling, Inc., Wesley Ungeheuer 913-837-0955, Centerville, KS 66014

**ITEMS SELLING:**

- 2010 Massey Ferguson 2680 Tractor
- 2009 McCormick XTX 165 MFWD Tractor
- Case W-14 Wheel Loader
- 2010 Patriot 220 Seed Tender
- Wilmar 765 Self-Propelled Articulated 4WD Sprayer
- Case 1840 Skid Steer
- Bushog 2720 Rotary Mower
- 1996 John Deere 690E LC Excavator
- 2011 Monosem NG + 4 Planter
- Great Plains Solid Stand 24 Drill
- John Deere 1750 Planter
- Vermeer 604J Big Round Baler w/Auto-Weave
- 1992 Caterpillar 320L Excavator
- **PLUS MORE!**

Visit [www.bigiron.com](http://www.bigiron.com) for details and complete listings!



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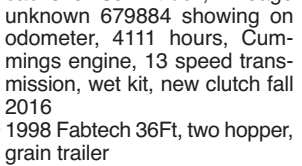
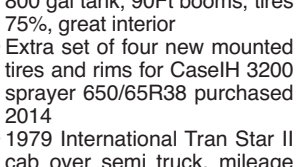
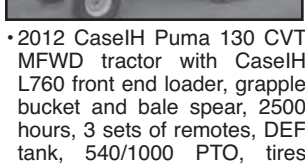
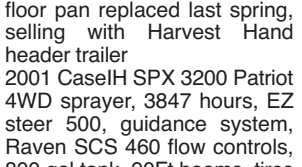
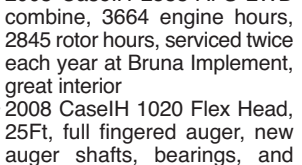
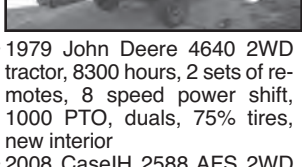
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## MODERN FARM MACHINERY AUCTION

**SATURDAY, DECEMBER 17, 2016 — 1:00 PM**

**Location: 5 1/2 miles southeast of GREENLEAF, KANSAS, along Wagon Train Road**  
**DIRECTIONS: From the junction of Hwy 148 (All American Road) and Hwy 9, which is on eastside of Barnes, head west on Hwy 9 for 4 miles, turn south on Wagon Train Road for 3 1/2 miles, eastside of the road. OR From the junction of Hwy 15 and Hwy 9, which is north of Linn, head east on Hwy 9 for 6 miles, turn south on Wagon Train Road for 3-1/2 miles, eastside of road.**



**AUCTIONEER'S NOTE: All machinery has been well maintained. Please be prompt, we are not selling tools or any small items.**

**Visit our webpage [donaldprellrealtyauction.com](http://donaldprellrealtyauction.com) for a copy of this sale bill and additional photos!**

**Terms:** Cash sale. Statements sale day take precedence. Sellers, Auctioneers not responsible for accidents or theft.

**JASON & JENNIFER HILTGEN**

**Contact: Jason Hiltgen at 785-556-0988 for questions or for a preview appointment.**

**DONALD PRELL REALTY & AUCTION**  
**[donaldprellrealtyauction.com](http://donaldprellrealtyauction.com)**

Don Prell: 785-562-6787

Steve Prell: 785-713-2191

Dave Bures: 402-239-9717

## LAND AUCTION

**Wednesday, December 14 — 7:00 PM**

**Courtyard Marriott, 310 Hammons Drive  
JUNCTION CITY, KANSAS**

**612 acres+/- Tillable and Pasture**

**OFFERED in 3 TRACTS:**

**Located 10 miles S of Junction City or 10 miles N of Herington ON 77 Hwy at the DK/MR county line**

**Tract 1: N/2 of 21-14-5E, Lying S of 77 Hwy, less home, bldgs, & 5 Ac+/- 24 ac tillable/ 68 ac pasture**

**Approx Taxes: \$391.07 on 93 Ac+/- Approx 24.32 base acres in ARC wt 8.99 - corn 4.27 - beans 8.35 Milo in PLC - 2.7/81 Yield**

**Tract 2: N/2 of 21-14-5E, Lying N of 77 Hwy - 73 ac tillable/129 ac pasture**

**Approx Taxes: \$870.45 on 202 Ac+/- Approx 73base acres in ARC wt 27.0 - corn 12.7 - beans 25.2 Milo in PLC - 8.1/81 Yield**

**Tract 3: W/2 of 16-14-5E, Lying 1/2 mile W of 77 Hwy @ Zinc & D Ave**

**162 ac tillable/ 148 ac pasture Taxes: \$1,690.26 on 317.3 Ac+/- 152.4 base acres in ARC wt 56.4 - corn 26.6 - beans 52.4 Milo in PLC - 17/81 Yield**

**Immediate possession upon closing on all tracts.**

**Seller: Jared & Kevin Morgan Trusts  
Excellent Location, productive tillable, great fence, great water, great forage!**

**Call or visit our website for more info!**

**Ray Swearingen - Broker 785-452-8498**

*Announcements day of auction take precedence. 10% down day of sale. Closing January 19, 2017, closing costs split 50/50. HFR are Seller's agents in this transaction.*

**HORIZON**

**FARM & RANCH REALTY, LLC**

RAY SWEARINGEN - BROKER/OWNER

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# Chickadee Checkoff small grant proposals being accepted now

The Kansas Department of Wildlife, Parks, and Tourism is accepting proposals for the Chickadee Checkoff Small Grants Program through January 1, 2017. Grant recipients are able to use the funding to carry out projects focused on wildlife

diversity and native nongame wildlife species, while addressing the issues and strategies within the Kansas State Wildlife Action Plan. Since 1980, Chickadee Checkoff has funded a wide variety of educational, research-based, and habitat

projects, as well as the monitoring of nongame wildlife and their habitats. Some of these projects include the creation of interactive exhibits at nature centers, and assessing the occupancy, abundance, and species richness of marsh birds at

state and federal wetlands. By making small grants available, the department is able to utilize the talents and expertise of people outside of the department. The diverse projects completed as a result of this program have led to numerous pub-

lications in scientific journals, educational products, and new information on native nongame wildlife species and their habitats. Small Grant proposals must be received by January 1, 2017. For more information on this opportunity, including eligibility

requirements and to view a list of priority projects for 2017, download the grant guidance document at ksoutdoors.com by clicking "Wildlife & Nature," then "Wildlife Conservation," then "Chickadee Checkoff Small Grants Program."



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# BAXTER BLACK

ON THE EDGE OF COMMON SENSE

## An Imaginary Interview Between Yours Truly and Leaders of the Animal Rights Extremists

Let me welcome you to our unending discussion on the Unintended Consequences of Unwanted Horses in the U.S. including Wild Horses.

TOPIC 1: Since 2008 when horse slaughter ceased in the U.S., to 2016, 1,151,000 (one million one hundred fifty-one thousand) head have been exported to Mexico and Canada for slaughter for human consumption, primarily in Europe. Is it

more humane to transport unwanted horses far away for slaughter, or closer?

AN RITE: We expect within 20 years (another 2,000,000 horses exported for slaughter), people all over the world will quit eating horsemeat.

TOPIC 2: In your survey of 1000 random U.S. citizens, 80% declared to be anti-slaughter. Less than 2% (2 million) actually own a horse. 978 people you surveyed did not own a horse; 20 did. Random surveys in the U.S. show that 97% eat meat; 3% are vegetarians. If you wanted to get a good recipe for vegetables, who would you ask?

AN RITE: That's like comparing apples to oranges.

TOPIC 3: This fall the Board advising the BLM on Wild Horse and Burro Program voted 8-1 to allow euthanasia to control overpopulation of the 67,000 burros and feral horses today. 27,000 would be an acceptable number to maintain the ecosystem. Today the BLM spends nearly \$50 million annually for upkeep. In ten years since the slaughter ban, adoptions, rescues, chemical neutering, pleading and even your contributions have not slowed the Unwanted Horse problem. Why have the AN RITES taken opposition to the BLM's plan to save itself?

AN RITES: You don't get it. Do all of you 'animal users' think reason and common sense, even unintended consequences, mean anything to urban America? It's not worth one sad-eyed puppy in the commercials.

TOPIC 4: When they shut down horse slaughter plants in 2007, almost every equine-related association predicted dire consequences. They have all come true, and they've all been to the detriment of America's horses. In good conscious, how much longer can you contribute to this on-going tragedy?

AN RITES: As long as the money keeps rollin' in! Nope, I'm just kiddin'! Really, as long as we can convince the urban donors to feel sorry for other people's horses we've got it made. Oh, and we can't thank enough the truck drivers, sale barns and Indian tribes that still keep the unwanted horse population under control by hauling them out of the country; 150,000 last year! If it weren't for them we'd be in one 'heck of a wreck'!

TOPIC 5: What do you think has been your greatest asset?

AN RITES: Cowardly politicians.

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