

Kevin and Barbara Alpers

Dwight and Cindy Baldwin

Ronald and Patricia Fredrickson



Don and Lois Martin

Master Farmers and Master Farm Homemakers named

By Mary Lou Peter Six couples have been named 2015 Kansas Master Farmers and Master Farm Homemakers in recognition of their leadership in agriculture, environmental stewardship and service to their communities. They will be honored at a banquet on Friday, March 11, at the Four Points by Sheraton Hotel in Manhattan.

The award program dates to 1927 and is sponsored by K-State Research and Extension and Kansas Farmer magazine.

The honorees for 2015 are

Kevin and Barbara Alpers, Hudson, **Stafford County**

Children: Son Tyler (wife Leah and grandchildren Braxton, Easton and Brecken); daughter Tabra Ward (husband Shawn and grandchildren Ryer and Bowen); and daughter Taci Axman (husband Tyler and grandchild Alida).

Just a bit outside of Hudson, third-generation farmer Kevin Alpers is always looking for ways to improve the family's beef cattle and crop years as vice president, and operation. Kevin and his worked in the school district whe, Barbara, raise wheat, grain sorghum, soybeans, alfalfa and rye. In the past 15 years alone, he and his son, Tyler, who joined the family business in 2003, have added windbreaks for cattle, in-

stalled solar pumps to improve pastures, begun rotational grazing and added new cattle sorting pens.

The use of GPS and variable rate watering in crop irrigation, estrus synchronization in their cattle herd and grass quality improvements are among the other enhancements the Alpers have made to their farm over the vears.

Kevin graduated from Fort Hays State University with a degree in animal science and serves on the Hayes Township Board, currently as treasurer, and the U.S Department of Agriculture Natural Resources Conservation Service Board. He has served on the Farm Service Agency Board, Stafford County Zoning Board and the USD 350 School Board, including terms as president and vice president.

In addition to handling the farm's income, expense and employment records, Barb has devoted years of her time and energies to education. She served for seven years on the USD 350 School Board, including two for 20 years. She spent 18 years as a 4-H project leader and helped place more than 90 Japanese exchange students with host families. She and Kevin have themselves hosted five Japanese exchange students.

ing, the home now has five bedrooms and three bathrooms

Dwight and Cindy Baldwin, McPherson, **McPherson County**

Children: Daughter Emily Baldwin Fast (husband Tyler and grandchildren Rowan and Eli) and son Adam Baldwin (wife Kim and grandchildren Banks and Isannah).

What started with a used combine and custom cutting work for neighbors in the 1970s grew into a successful farming business for Dwight and Cindy Baldwin of McPherson. The two Kansas State University graduates knew fresh out of college that they wanted to farm. Crops and hogs particularly sustained them in the early years, as did recognition that sometimes renting land is better than buying.

"As we watched other young farmers go out of business in the '80s, victims of high interest rates, we decided maybe it wasn't so bad not to own land at the time," Dwight wrote as he described their early work. Today, they are out of the swine business, own part of their land and rent the rest. Their son, Adam, and daughter-in-law, Kim, have a separate farm, but the families share the labor. Most of Dwight and Cindy's land is devoted to non-irrigated wheat, but they also grow grain sorghum, corn, soybeans and alfalfa, and have a small honey business, Blaze Fork Honey. The couple believes that in addition to the day-to-day effort that goes into growing food – the planning, physical work, record-keeping and use of new technologies - it is also important to be advofor agriculture. cates Through her work as a substitute teacher, newspaper writer, editor and college administrator, Cindy has informed others' views of farming. That commitment is also reflected in her work on the board of the Kansas Foundation for Agriculture in the Classroom, where she has served as secretary and board chair.

and has been on the board of the Blaze Fork Drainage District No. 1 since 1991. He has been its president and is currently treasurer. He was also a 4-H woodworking and swine project leader for many years. From 2000-2009, he served on the Mid Kansas Cooperative Board.

Dwight and Cindy are active in Groveland Christian Church, where Dwight is an elder and trustee, and is currently chairman of the board. Cindy is the church's pianist and organist, and taught Sunday school most years since becoming a member in 1979

Ronald and Patricia Fredrickson – Osage City, **Osage County**

Children: Son Doren Fredrickson (deceased) and daughter Anne Fredrickson.

Talk about a new chapter. Ron and Pat Fredrickson took an unusual path to ranching. Like many who grow up to farm or ranch, Ron was born on his family's son is to attain that goal." ranch near Osage City. After graduation from Emporia State University where he was student body president, and five years of active duty in the Navy (16 years Naval

versity of Wisconsin-Madison. He taught in Wisconsin and then spent 29 years on faculty and as an administrator at the University of Massachusetts, Amherst.

Gigstad

Patricia grew up in Excelsior Springs, Missouri, and later, Sedan. She earned a bachelor's degree at Emporia State, a master's degree at the University of Wisconsin and a Ph.D. at the University of Massachusetts, Amherst.

After a career in academia, the couple started their next chapter in 1992 when they moved back to the Osage County ranch to work with Ron's parents. Ron developed "Fredrickson's Principles of Farm Management," which have guided their business ever since.

"We use a goal-setting system, one for the ranch and one for each individual who works here, including ourselves," Ron said. "One part is 'goals' and the second part is 'enabling objectives,' which describes how a per-

Today, their beef cattle business includes about 600 cows and 575 calves. They sell calves to a Meyer Natu- tributed her time and talents ral Angus cattle feeder. In to the Osage Arts Council Reserve), he earned ad- the last 20 years, they have vanced degrees at the Uni- refined the way they cull

cows, built new tubs, chutes, pens and alleys, and began dividing the herd into smaller pastures for calving. They've developed creekside buffer strips to control animal waste and erosion, and rotate corn, soybeans and wheat.

Ron has served the Lutheran Church, including as a president, teacher and choir member, for more than 60 years. He's been a member of the Kansas Farm Bureau more than 40 years, and served on the Melvern Lake Watershed Advisory Group and as a member of the local watershed board. He helped raise funds to restore the Rapp School (his boyhood school), which is now a national and state historic site.

Pat has been involved in the church, as organist, choir director, teacher and other roles. She served as the president of the Rapp School rebuilding project for five years and still serves on the board. She was on the county Farm Bureau board of directors and developed educational resources on safety for employees. She also con-

The couple said their best "crop" is their children, who are passing down their love of agriculture.

Kevin and Barb have been active in Trinity Community Church for many years - each serving in numerous leadership roles. They have been involved in other organizations, including 4-H, Farm Bureau, the Kansas Livestock Association and more.

They live in the home that Kevin's great-grandfather "traded" for in the early 1900s. The structure, which originally had one bedroom and no indoor plumbing, dates to the late 1800s. A portion of it is still supported by the tree stumps on which it was originally built. Thanks to years of remodel-

Dwight served on their township board for 15 years

Continued on page 3

Flint Hills ablaze



A sure sign of springtime in Kansas is the sight of pastures burning all through the Flint Hills. Along with the controlled burns, dry, windy conditions have also contributed to numerous grassfires throughout the state, some threatening homes and other structures and requiring fire crews to get them under control. According to the Kansas Flint Hills Smoke Management website, www.ksfire.org, the ideal conditions for prescribed burning are wind speeds of 5-12 mph with steady wind direction away from sensitive areas and relative humidity of 40-70% and no less than 30%. Photo by Donna Macy



Grass & Grain, March 8, 2016



The Beauty Of Fire

By John Schlageck, **Kansas Farm Bureau**

Every spring across the vast, open Flint Hills grasslands, you can see fires for miles. The flames lick at the blue Kansas sky as the brown, dry grass crinkles. crackles and bursts into orange.

Viewed up close or at a distance, prairie fires are mesmerizing. Beautiful and frightening at the same time, it's hard to take your eyes away from this annual ritual.

These fires aren't a re-

cent phenomenon and they aren't strictly for the viewing pleasure of those traveling up and down our highways. Long before civilization invaded the prairie, fires were ignited by lightning storms and the charred prairie restored the health of the native grasses. Native Americans were the first practitioners of prescribed fires. They used the fire to attract the buffalo for easier hunting.

Today, farmers, stockmen and landowners continue to use fire as a range management tool while maintaining the economic viability of the Flint Hills.

The artificially ignited controlled burning of the tallgrass prairie in east-central Kansas is an annual event designed to mimic nature's match. It has become a tradition, part of the culture of the communities and the people who inhabit this region of our state.

Fire is an essential element of the ecosystem. Burning pastures is one of the best management tools for maintaining the native prairie.

This annual pasture burning only occurs for a few days each year. It is not a procedure that is drawn out and lasts for weeks. Weather conditions dictate the length of the burning seasons most years.

Not every cattleman



Calving season is fully under way. I know it is dry and the temperatures are abnormally warm and I really should be concerned about the pattern we seem to be slipping into, but it is really tough. I could really get used to checking and tagging calves without the need to wear coveralls and mud boots. All of the poor hay we had set aside to unroll for bedding is, so far, going unused. I know this can, and probably will, change by the time you read this. If it does, I am sorry.

Sunday was one of those days you know you will pay for somewhere down the road. Sure, it was a little windy but it was sunny, dry and warm. The kids and I were supposed to help with a pancake feed for our 4-H club and because of this we left before chores were done. Jennifer was going to finish chores around the barnyard, check the cows at our place and go help Dad tag new calves before she had to leave to help with an FFA Alumni fundraiser. Sunday mornings are hectic but this one promised to be even more so.

Jennifer called to tell me chores were done and we had two new calves at our house and she was going to help Dad tag four new calves at his house. Six new calves is a pretty productive day this early in the calving season for us, and it was a nice day to boot. Shortly after arriving we found out we were doublebooked to help so the kids and I headed home to tag calves. Isaac and I fired up the feed truck and made our way out into the pasture looking for one big black cow and one big baldy cow. Just a and Dad had their four calves tagged few yards into the gate we found the big black cow and her big bull calf. With all of the quickness and agility of a teenager, Isaac easily caught the calf and in no time we had him tagged and ready for release. One down, halfway done, or so we thought. As we admired our handiwork, we noticed another black cow, slightly smaller with a slightly smaller calf just a few yards away. Quickly we loaded another tag and eased our way over to the next calf. It was a nice heifer calf and again we easily caught it and worked it while the

mother watched us with a skeptical eye. There was really no way this cow could have been mistaken for a baldy, so there must be another calf here. We gathered things up and got back into the pickup.

We did not drive another 25 yards before we found a brocklefaced cow with a big brockle-faced calf. Maybe this was the big baldy, but it didn't seem to fit either. We loaded up once again and carefully made our way to the cow and calf. Again capturing the calf was not difficult and the mama seemed okay with us tagging and checking her baby. It was a bull calf. The sun was shining, all seemed right with the world.

We collected all of our equipment again and returned to the pickup just about a hundred yards from the gate. We were still in search of the elusive big baldy cow. We picked our way through the other cows and older calves sunning themselves. Just twenty yards into our drive we spotted her. There stood the big baldy cow with a pretty little baldy calf, kind of a smaller version. This had to be the second calf Jennifer lowed under the existing conditions.

burns his pastures every

year as is sometimes por-

trayed. Instead, individual

ranchers and landowners

survey and decide each

spring, which pastures will

benefit and produce a

healthier, lush grass for

livestock after burning.

Often neighbors plan and

burn together, giving them

more hands to ensure a safe.

ecosystem health are both

dependent on fire. Without

fire, woodlands take over

the Flint Hills and the live-

stock industry loses a fan-

recommends burning take

place when wind speeds are

between five and 15 miles

per hour, relative humidity

is from 40 to 70 percent and

temperatures fall in the

Landowners in all coun-

ties must notify local offi-

cials prior to planned, con-

trolled burns. This notifica-

tion is key to preventing

prescribed fires from turn-

ing into accidental wildfires

and ensuring burning is al-

range of 55 to 80 degrees.

Kansas State University

Forage quality and

controlled burn.

tastic resource.

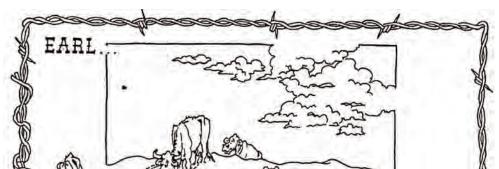
The Kansas Department of Health and Environment (KDHE) has a Kansas Flint Hills Smoke management plan to help alleviate air quality issues in urban areas generated by prescribed burning in the Flint Hills region. Coupled with the associated web tools, it should give producers better decision-making abilities when planning and implementing prescribed fires

Producers can now assess how the smoke from their burns may impact urban areas downwind. Information like this can make a difference in keeping ozone within acceptable levels and keeping regulatory restrictions from impacting ranchers. This website is www.ksfire.org.

John Schlageck is a lead ing 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.



"As you tax consultant, I said in case of an audit I would accompany you to the I.R.S.. I didn't say I was goin' in!"



Soy growers welcome committee passage of **GMO** labeling bill

The American Soybean Association applauds the Senate Agriculture Committee for its passage of legislation from Chairman Pat Roberts that would establish a national framework for the labeling of bioengineered food products, or GMOs. The legislation passed the committee with the support of all 11 Republican members, as well as Democrats Amy Klobuchar, Joe Donnelly and Heidi Heitkamp. ASA President and Delaware farmer Richard Wilkins praised Roberts' leadership on the bill in a statement:

"ASA is extremely pleased to see this bill come through committee, and we are very appreciative of the leadership shown by Chairman Roberts throughout the process. We're also thankful for the Democratic support from Sens. Klobuchar, Donnelly and Heitkamp on this bill, as support from Senate Democrats will be key when the bill reaches the Senate floor in the coming weeks.

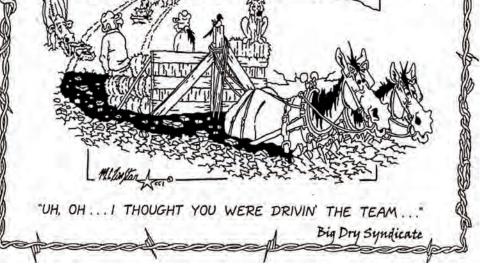
"Now, our attention turns to the full Senate, and we will begin our press on senators from both parties to support this legislation. For soybean farmers, the bill represents our continued ability to use biotechnology within our operations. It means growing more while using less, and it means meeting the needs of a demanding American marketplace, and growing global population. We will communicate those benefits to senators every day until this bill is passed and signed into law."

had told us about.

Isaac and I were more coordinated in our capture effort; after all we were much more practiced up. We easily captured the fourth calf and quickly gave it a brand new tag to match her mama's. We stepped back and admired our work. Four new calves all less than a hundred yards apart, tagged, banded and vaccinated all in less than fifteen minutes. It doesn't get any better than that.

Jennifer called to tell us that she and she did not seem to feel any remorse about her miscount on the calves. Dad was only fifteen minutes late to church and we continued on with our preparations for the FFA Alumni fundraiser.

I know I am setting myself up for one of those days it is blowing, raining and cold, nothing goes right and we can't find the calves. But for one shining moment it was nice to take a step back and enjoy the moment. Content cows, healthy new calves and sunshine - I could get used to this.





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Grass & Grain, March 8, 2016 Master Farmers and Master Farm Homemakers named

Continued from page 1 and other organizations. Ki and Kim Gamble,

Greensburg, **Kiowa County**

Children: Son Kasey Gamble and daughter Katelynn Gamble.

From community fundraising after a devastating tornado to hosting second graders on their farm, Ki and Kim Gamble of Greensburg have worked to make both their farm and community the best they can be. They cited a favorite quote by Margaret Mead: "Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has."

They both graduated cum laude in 1989 from Fort Hays State University, married and went to work - Ki for his grandparents on their farm in Stafford County initially, and Kim as a teacher, forensics coach, and director of plays and musicals. They moved to Kiowa County in 1991, where Ki had spent most of his childhood, to start farming on their own. In 1994, Kim began working for the family farm full time, and the couple moved to Ki's family's farm in 2001. Their son, Kasey, is now working with them full time.

The Gambles grow wheat, grain sorghum, corn, soybeans, alfalfa and grass

hay. In 2002, they bought a neighboring farm and built livestock handling facilities to accommodate their cowcalf herd.

Ki served as president and in other capacities on the Kiowa County Farm Bureau Board, and on the board of the Southwest Kansas Farm Management Association. He has been on the USD 422 Board of Education since 1999 and has been president since 2006. He has filled leadership roles in other organizations, including Southern Plains Co-op and PEK Irrigators.

In addition to her years of teaching, Kim served as president and vice president of the local chapter of Beta Sigma Phi and served on the board of the Creative Kids Childcare Center. She and Ki are members of the First United Methodist Church in Greensburg, where she served as coordinator of the Witness, Outreach, and Nurture program, Pioneer Club, Kids for Christ and Methodist Youth Fellowship for Senior High. She remains active in a variety of roles.

Kim and Ki are charter members of Kiowa County United, a group formed in 2009 to address the needs of businesses in Kiowa County after the deadly tornado in 2007. They've invested in numerous community projects, including the rebuilding

of Greensburg's Twilight Theatre. They continue to volunteer there, from making popcorn to helping with events.

Craig and Tamara Gigstad, Valley Falls, Jefferson County

Children: Son Derek (wife Laura and grandchildren Ryker and Axton); daughter Danae (husband Justin); and daughter Devin.

Whether it's cooking up food for the medical center fundraiser or teaching children to make beautiful music, Craig and Tamara Gigstad are deeply involved in their community. That's in addition to running their farm in Jefferson County, where they grow corn, soybeans and hay.

As their three children entered the scene, the family motto became, "Work together, then we'll play together."

One key to their business, they said, is working as a couple to analyze their farm computer records quarterly and again annually, to compare trends and plan for the future. Especially important is net income per acre, with consideration of additional inputs affecting potential

yield with their two new pivots – the first in the hills of Jefferson County.

more than 1,000 finished

pigs annually. Now their

honored as Outstanding County North, Winchester Music Educator in Northeast From 1983 to 2008, the Kansas. She currently teachcouple raised swine and sold

Α

dreds of children and was es in USD 339, Jefferson

Continued on page 7

Page 3





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Grass & Grain, March 8, 2016



Glenda Tullio, Council Grove, Wins Weekly Grass & Grain Recipe Contest

Winner, Glenda Tullio, Council Grove: "Easter is fast approaching and churches are having bake sales so am sending an OLD recipe for a traditional Easter favorite."

HOT CROSS BUNS

1 package dry yeast 1/4 cup warm water (107 or 108 degrees)

3/4 cup whole milk

1/2 cup room temperature butter

- 2 tablespoons sugar
- 1 teaspoon salt

1/9 toognoon sinnons

1/2 teaspoon cinnamon

1/2 teaspoon nutmeg

3 eggs

- 2/3 cup raisins
- 4 to 5 cups all-purpose flour

1/4 cup light corn syrup

In a large bowl dissolve yeast in water. Heat the milk and butter until lukewarm (butter does not need to melt). Stir this into yeast mixture with sugar, salt and spices. Stir in raisins. Now gradually stir in about 4 cups of flour to make an easy to manage dough. On a floured surface knead dough until smooth and elastic (about 5-7 minutes). Add extra flour if necessary. Place in a greased bowl and turn once to grease the top. Cover and let rise in a warm draft-free area until double. Punch down dough then let it rest 10 minutes. Divide dough into 24 pieces. Shape into a ball. Place into a well-greased and floured 13-by-9-by-2-inch pan. Place balls in pan with sides touching. Do not cover. Place into an UNHEATED oven and let rise until double (about 45-50 minutes). Bake in a preheated oven of 375 degrees for 15 minutes then brush tops with corn syrup and bake until tops are golden brown and glossy (5-7 minutes longer). Place buns in pan on cooling rack and cool 10 minutes. While cooling, prepare the frosting and pipe onto each bun in the shape of a thick cross. Makes 24.

Frosting:

1 tablespoon light corn syrup

1 tablespoon hot water

1 1/2 cups powdered sugar

Mix corn syrup with hot water; gradually stir in powdered sugar keeping smooth and to form a stiff mixture. Spoon into pastry bag with tip and pipe onto each bun.

REQUEST: Please ask readers to list how many servings each recipe will serve!



Darlene K. Wilson, Emporia: "Nice afternoon treat for the grandchildren!"

SWIRLY CHOCOLATE CHIP COOKIES 1 cup butter, softened 1/2 cup and 4 tablespoons brown sugar

1/2 cup and 4 tablespoons sugar

1 teaspoon vanilla 1 teaspoon baking soda 2 cups flour 2 eggs

11.5-ounce package chocolate chips

Preheat oven to 350 degrees. Lightly grease a 10by-15-inch pan. Mix ingredients (except chocolate chips) and spread over pan. Sprinkle chocolate chips on spread. Put in oven for 1 minute, take out and swirl with butter knife or spatula. Bake for 18 to 20 minutes. *****

Lydia J. Miller, Westphalia: GRAHAM NO-BAKE

COOKIES

2 cups sugar 1/2 cup milk

2 tablespoons baking

cocoa

1/2 cup butter

1/2 cup creamy peanut butter

1 teaspoon vanilla extract 2 cups quick-cooking oats, uncooked

1 cup graham cracker crumbs

Candy sprinkles

Combine sugar, milk, cocoa and butter in a saucepan over medium heat. Bring to a boil for 2 minutes, stirring constantly. Remove from heat. Stir in peanut butter, vanilla, nuts and crumbs; mix well. Drop by rounded tablespoons onto buttered waxed paper; cool completely. Decorate with candy sprinkles. Makes 4 to 5 dozen.

"Opportunity for Strength Training for Older Adults"

Exercise is one of the best ways to keep your body and mind functioning at its best. In addition to the recommended 150 minutes of moderate intensity physical exercise each week, a regular strength training program can help build muscle and increase bone density. Stay Strong, Stay Healthy is an eight-week strengthtraining program that's now being offered by K-State Research and Extension agents from the Wildcat Extension. The Stay Strong, Stav Healthy program is an evidence based eight-week exercise program for adults over sixty that meets the recommendation for healthy muscle strength. The program's goal is to improve health and quality of life. The hour long sessions meet twice each week. Participants are also encouraged to do the exercises on their own once more during the week.

Over the eight weeks, participants learn the exercises and begin to improve strength and balance. This program seeks to improve muscle mass through safe and incremental progression of muscular challenge. Participants are encouraged to safely challenge themselves. Over the course of the program, participants will gain the necessary techniques and confidence to continue the strength-training program on their own.

Stay Strong, Stay Healthy program participants will increase their physical activity and may improve strength, balance and flexibility, resulting in reduced risk for falls, better overall health and greater independence. According to the CDC, other benefits of strength training include reducing the signs and symptoms of numerous diseases and chronic conditions. among them: arthritis, diabetes, osteoporosis, obesity, back pain, and depression. These health benefits decrease the likelihood of a participant entering a nursing home, which costs on average, over \$50,000 per year in the state of Kansas. The money saved benefits the community by keeping more discretionary income in circulation locally. It also keeps people actively, independently contributing to society longer.

The exercises include a warm-up, upper and lower body strengthening exercises, and a cool-down. Preand post-tests are performed on each participant detailing their level of strength, balance and flexibility before and after the

program. An evaluation of the program is given on the last day specifying needs and goals met, overall satisfaction of the program, and comments from participants.

The first Stay Strong, Stav Healthy program for the Wildcat Extension District will be held in the Crawford County Extension office, 120 E Buffalo, Girard. The sessions will be held Tuesdays and Thursdays, April 7 through May 26, 9:30- $10{:}30\,$ a.m. The cost for the eight week program is \$20. Please call the Crawford County office at 620-724-8233 to register. Space is limited and all equipment will be provided

The Stay Strong, Stay Healthy program is a great addition to the Walk Kansas program that is slated to kick off across the Wildcat Extension District starting April 3. Details for both programs are available on our website http://www.wildcat district.k-state.edu/

More eight-week programs are coming to a community near you! Do you have a location you would like a program? Call the Wildcat Extension District office in Crawford, Labette, or Montgomery County and make a request!

Provide Opportunities for Active Play Every Day

By Nancy C. Nelson Meadowlark District Agent

Family Life Active play and movement are important for every child's growth, health, development, and learning. Children need a healthy balance of high-energy active play like running and climbing, as well as passive play like sitting in the sand box.

Children can enjoy skipping, climbing, dancing, and jumping. Daily active

play, along with a healthy diet, is important for growing at a healthy weight. Active play helps children develop a variety of large muscle skills.

The following suggestions come from Team Nutrition-USDA. Be a good role model. Participate with children in activities and show them that you enjoy active play every day.

Create opportunities for safe active play indoors and outdoors. Use toys and equipment that are the right size for the age of the child. This might include bean bags, push toys, building blocks, and tricycle.

Keep children moving. Encourage them to participate by playing games that do not have sitting still for a long period of time. When weather is too cold or severe for outdoor play, dance to music indoors and tell or read stories that children act out physically.

Toddlers (12 month to 3 years old): Provide 60 to 90 minutes per day for moderate to vigorous physical activity. This will make children breathe harder and make their hearts beat faster than when they are not active.

Examples of moderate physical activity include walking, playing on outdoor play equipment, swinging, climbing, or tumbling. Vigorous Physical Activity includes running, hopping, galloping, walking quickly up a hill, doing jumping jacks and dancing or skip-

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1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear.

 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.
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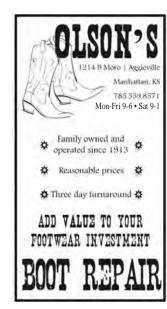
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ping to music.

Preschoolers (3 to 6 years old): Provide 90 to 120 minutes per day for moderate to vigorous physical activity. Active play does not have to occur in a single session. Short bursts of activity work well for young children. You can even do these activities throughout the course of the day in 10to 20-minutes intervals.



Kansas Wheat to celebrate Bake & Take Month in March

is a great way to show someone you care. This March, the Kansas Wheat Commission is teaming up with the Home Baking Association to promote Bake and Take Month. For more than 40 years, Bake and Take Month has been an opportunity to celebrate relationships with friends and family by baking and sharing treats.

"The purpose of Bake and Take Month is to encourage participants to bake a product made from wheat and take it to a neighbor, friend or relative," said Cindy Falk, nutrition educator of Kansas Wheat and coordinator of Bake and Take Month.

"Bake and Take Month has a long tradition in Kansas as a promotion designed to educate consumers in the importance of home baking and wheat foods consumption," Falk said. "The personal visit to members of the community is as rewarding and important as the baked goods you take them."

Falk recommends trying Brown and Serve Rolls to share with friends and family for Bake and Take Month. Or, if you're baking for a large group like a church potluck or a school fundraiser, be sure to check out the Kansas Wheat Test Kitchen's latest creation, Hawaiian Sweet Pan Rolls. These rolls will take the eater to paradise as they enjoy the tropical treat. For these recipes and more ideas for Bake and Take Month, visit nationalfestivalofbreads.com or like the National Festival of Breads Facebook page.

While a month-long celebration might not be the right fit for some, Bake and Take Day, celebrated annuallv on the fourth Saturday in March, is a great opportunity for families and service groups to get together in the

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walk door

Giving a home-baked gift kitchen and around the oven. Prepare gifts of fresh-baked wheat foods for relatives. friends, co-workers, neighbors and just about anyone who likes to eat. The visit when you deliver the baked goods is one of the most enjoyable aspects! Mark the date on your calendar and plan to participate. If you do bake it off, let Kansas Wheat and the Home Baking Association see your creations on social media.

> If you'd like to share the joy of baking, but don't feel like you have any baking talent, never fear! You can find great video tutorials on the Kansas Wheat Youtube channel and Facebook page. These videos focus on the basics of baking, and even some step-by-step instructions on recipes like Smokehouse Cranberry Cheese Bread. Rosemary Cardamom Twisters, Cupid's Crunch and more. The Home Baking Association also has some great resources for beginners, as well as seasoned bakers, at their website

www.homebaking.org. Bake and Take Dav began

in 1970 as a community service project of the Kansas Wheathearts in Sumner County. The Kansas Wheathearts, an auxiliary organization of the Kansas Association of Wheat Growers, set out to share baked goods with family members. friends, neighbors, and those in need, generating goodwill in the community. The idea of a community member sharing a favorite recipe with someone special became so successful that the Kansas Wheathearts created



Whatever happened to civility?

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groups of people who are **By Lou Ann Thomas** Some people are sup-

porting a candidate for our highest office who does not believe in, and rails against, being "po-This litically correct." confuses me, because I don't think being politically correct is a totally bad thing. But to make sure I knew what politically correct, or PC for short, really meant, I looked it up.

Being politically correct means "the avoidance of forms of expression or action that are perceived to exclude. marginalize, or insult

socially disadvantaged discriminated or against." What's so bad about

that? Why would anyone with a shred of decency find fault with behaving in that manner? I don't know about you, but my mother stressed the importance of being respectful of others - for instance, listening to what they have to say and not interrupting. She adamantly discouraged making fun of other people. Calling someone a name or using a label that could be offensive

or hurtful was simply not tolerated. So, basically, political correctness means, being the person your mother tried to teach you to be.

I just don't see the problem with being thoughtful, respectful and a little sensitive to others. In fact, I think some good manners and civility would really help us all about now. I, for one, have had enough of divisive hate-mongering and the labeling that creates chasms between "us" and "other".

Why do we feel a need to label others anyway? How does that bring us together? And, if we know anything about history or the progression of civilization, then we understand that only by working together can we truly move forward. Division and acrimony only slows our progress and in very real ways can even move us backwards. But I do understand

that for some people

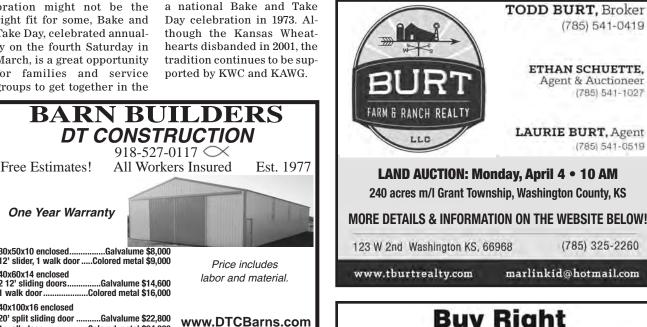
using name-calling and

So, I remain confused how being a decent, gracious and respectful citizen of the world can be scorned by anyone. Because, really, being politically correct means, if your mother would wash your mouth out with soap for saying it, then don't say it!

Grass & Grain, March 8, 2016

put-downs makes them feel superior. Bullies make fun of people, even people differently abled, in order to try to feel better about themselves. However, this feeling of superiority is short-lived because it depends on continuing to separate, to put others down and to propagate hate in order to counter the fact the bully isn't buying their own bull. It's impossible for decent human beings to feel good about themselves when they are treating others in ways that run counter to basic civility.





Page 5



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Grass & Grain, March 8, 2016



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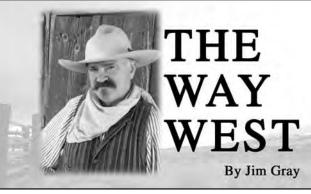
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Carrying the Mails Mails Were Carried Before Railroads Reached The Santa

Eighteen-year-old James

"as a

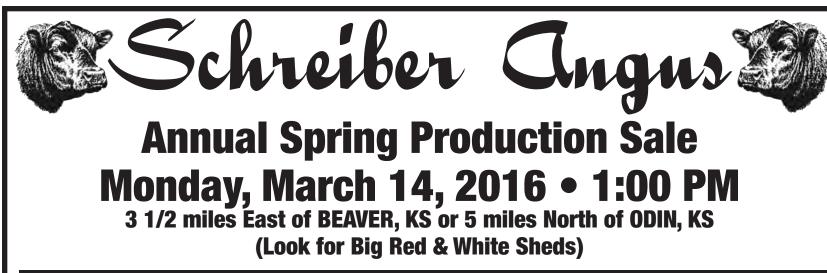
Brice came to this country

& Porter at Independence,

later he was hired

There are lots of little gems of history sitting on Fe Trail. dusty shelves just waiting for someone to pick them up. The Santa Fe Trail Association reproduced such a from Ireland in 1857. A year pamphlet in 2008. This parhelper carrying the United ticular piece was written by James Brice and published States weekly mail" by overin 1905. Reminiscences of Ten land mail contractors Hall Years Experience On the Western Plains is twenty-four pages chock-full of adven-Missouri. His route led him across the open prairie for ture described in the subtiseven hundred seventy-five tle as How The United States





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schedule to Santa Fe, New Mexico

He left Independence, Missouri, driving an enclosed "ambulance" with "U.S.M" painted on the side in large letters. Brice was under the direction of Conductor Michael Smith, riding a saddle mule alongside a six-mule team pulling the ambulance. The conductor was charged with the security of the mails. Two pistols swung from Conductor Smith's belt. He carried a "blacksnake" bullwhip to keep the mules pulling to gether. Troublesome mules learned to lay back and let the others pull the load until the conductor cracked his whip in their direction. That crack was a pretty fair incentive to lean into the collar and "make the grade." Beside the mails Beside the mails, the ambulance also carried passengers and their baggage to the tune of one hundred twenty-five dollars destination Santa Fe. Not going so far? The fare was calculated at twenty-five cents per mile.

Brice's first trip out was plagued with mud from an unusually wet season. At one point the wagon became mired in the mud and the mules gave up and laid down in the middle of the road. Conductor Smith was forced to seek help at a nearby farmhouse, bringing a team of oxen to pull the ambulance. A welcome supper and feed for the mules and a warm place to sleep tided everyone over and they were happily on their way after breakfast the next morning. At Council Grove the ambulance was exchanged for a heavy covered wagon. In addition to the mail bags, corn was loaded in two bushel bags to feed the mules for the next five hundred seventy-five miles to Fort Union, New Mexico. Having no seats in the wagons the passengers made themselves at home on the feed sacks. An additional 'assistant helper" joined Brice and Conductor Smith. He was given the job of keeping the mules in line, freeing the conductor to guide the way along the trail.

The trail followed the Arkansas River all the way to the Rocky Mountains, but the mail route followed a cutoff that left the main trail near present-day Cimarron, Kansas. The Cimarron Cutoff was a three-hundredmile stretch and unlike the well-traveled trail along the Arkansas, there would be no stations, no post offices until Fort Union. The cutoff ran through Comanche and Kiowa country. Sometimes they passed through buffalo herds grazing the short grass as far as the eye could see.

The day was divided into three stages with a stop as noon and a late afternoon stop. Food was cooked twice a day, at breakfast and in the afternoon. Their table was an oilcloth spread on the prairie. One more drive was made before retiring for the night. About one hundred fifty miles from Fort Union a band of Kiowas surprised the travelers while in their noon camp. The Kiowas warriors could have easily overrun the men but they were only interested in provisions. Being one hundred fifty strong the provisions in the wagon had little to offer and the band of travelers was allowed to hitch up and drive on. There was no stopping that evening. They could only think of getting as far away as possible. Two more days brought them to Fort Union. After another change of conveyances they were again on the trail with a U.S.M. ambulance giving a "fresh" appearance to the outfit when it rolled into an expectant crowd of citizens on the plaza in Santa Fe. Never mind the trials of the

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Continued on page 7

Grass & Grain, March 8, 2016

County from 1989 to 1990.

In addition to her roles as

mom and educator, she was

the bookkeeper for the fami-

Don and Lois are long-

The Way West

Continued from page 6

past three weeks, there was a fandango to attend and stories to tell about carrying the mails across the plains on The Way West.

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



69# BW, 817# WW, ratio 108

17th Annual Production Sale March 26, 2016, 12:00 p.m. at the farm 24181 187th Street, Leavenworth, KS and

Continued from page 3 and Nortonville. She holds a bachelor's degree from Washburn University and a master's degree from the University of Kansas. Tamara has served on the F.W. Huston Medical Center (former Jefferson County Memorial Hospital) Foundation Board for more than 28 years, including as chair for the past 12 years.

Craig and Tamara are lifelong members of the Effingham Union Church, where they've each taken on numerous leadership positions.

Driven by their belief in education and advocacy, the couple hosts field days for adults and children, alike.

Don and Lois Martin, **Clay Center, Clay County** Children: Daughter Francine Martin; son Scott Martin (wife Polly and

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Brilliance, Barstow Cash, Jindra

grandchildren Andy, Tyler and Emily); daughter Angela and grandchildren Ryan and Cole); and son Tim Martin (wife Roxie and grandchildren Amanda, Sarabeth, Kelly and Luke).

Don and Lois Martin of Clay Center remember the day they approached a banker about borrowing money to buy their farm. The couple was engaged and planning their lives together. "You must be pretty sure of yourselves," they remember the banker saying. The loan was a sure bet. The couple raised six children and today grows corn, wheat, soybeans and alfalfa, and has a beef cattle business. Don works Extension, had test plots as

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closely with the couple's son Tim, who has a separate farm enterprise, plus a combined one with his parents.

The couple has grown the farm since those early years, partly as a result of Don's eye for property. "Most good land will only sell once in a lifetime," he said.

Don is a graduate of Kansas State University with a bachelor's degree in education. He played football on a scholarship and earned extra money by trapping wildlife money he and Lois used to buy the farm. He is a longtime member of the Elks Club and was a member of the Kansas Young Farmers organization for many years. He has hosted teachers participating in "Ag in the Classroom," and, working with K-State Research and

they looked for the best crops to grow in that part of Kansas.

Lois grew up on a farm in Harper County and was covaledictorian of her class at Attica High School. She earned bachelor's and master's degrees in home economics education at Emporia State University and K-State, respectively. She taught in Argonia, Claflin and Clay Center before be-

Martin; son Steve Martin (wife Charity and grandchildren Matthew and Courtney); daughter Melanie Martin Ramsey (husband Dave

ly's farm, seed sales and fertilizer businesses from 1960

to 2000. time members of Saints Peter and Paul Catholic Church and have each served in leadership roles. Their children were involved in 4-

Master Farmers and Master Farm Homemakers named

Page 7







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Page 8 Grass & Grain, March 8, 2016 Women in Agriculture: Managing risk in today's environment

Managing Risk in Today's Environment is the topic of this spring's Saline County Women in Ag meeting scheduled for Thursday, April 7. The speaker will be Dr. Elizabeth Yeager, Kansas State University Assistant Professor of Agricultural Economics.

Risk management is central to successful farm management. Traditionally, most farms have focused their attention on one par-

FRONTIER

AGRICULTURE WORKS HERE..

ticular aspect of risk, namely price and yield risk. In reality, farms face countless risks to their operations including prices and yields, but also including weather, operation, human resource, legal, and other risks. Understanding the interactions and management of these risks is no small task. This interactive presentation will guide you to think about risk on the farm more holistically as well as pro-

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vide strategies for managing in times of financial stress. If you are a woman in-

volved in agriculture, whether producer, spouse, or landlord, or are interested in learning more, plan to attend this free Women in Ag program. The session will be at the Redeemer Lutheran Church at 743 E. Magnolia, Salina. Registration begins at 6 p.m. followed by the meeting at 6:30 pm. Drinks and dessert will

be served. Pre-registration is requested. Call the K-State Research & Extension office in Salina, at 785-309-5850 by April 1 to register.

This Women in Ag meeting is sponsored by K-State Research & Extension-Central Kansas District, Farm Service Agency, Natural Resources Conservation Service, American Ag Credit, Saline County Conservation District, and Saline County Farm Bureau.



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Lynn Woolf and Kansas Agri-Women were recently awarded the LEAVEN Award.

Lynn Woolf awarded American Agri-Women LEAVEN Award

Lynn Woolf of Milton, and Kansas Agri-Women was awarded the LEAVEN Award at the The American Agri-Women (AAW) National Convention recently. The LEAVEN Award was first awarded in 1977. That selection committee came up with the acronym LEAVEN (Loyalty, Enthusiasm, Anticipatory, Valiant, Effectiveness and Nurturing) to evaluate the candidates. "Leaven" (yeast) is a small element that can interact and influence everything around it. It permeates and raises the elements it's mixed with. Leaven multiplies its effectiveness for good. AAW presents the LEAVEN Award to those persons who, to an outstanding degree, have acted as leaven, a truly feminine concept since "lady" means giver of bread. Winners are nominated by an AAW affiliate

Lynn just completed her two-year term as AAW Vice-President of Communications. Her nominator explained that Lynn's work to get the word out to the members has raised their level of understanding of the organization and that she has ensured that AAW has been seen and heard. Lynn was summed up this way. "Lynn is a visionary, She thinks of the needs of the AAW organization and the needs of others within the organization. As VP of communications for AAW she has had a big hand in reworking and developing the brand for AAW. She has also been involved in the overall planning for the organization. Lynn has also been thinking of the future by recruiting and encouraging other members to become involved in our organization through blogging, Facebooking and writing for the Voice."

Lynn is managing editor



of Rural Lifestyle Dealer magazine and is public relations chair for Kansas Agri-Women. She and her husband, Vaughn, and children, Elizabeth and Daniel, raise wheat and soybeans on their farm in Milton.

"It means so much to me to receive the LEAVEN award. The women of AAW have done so much to inspire me and make me a better advocate. I value their friendships and being part of such an amazing organization," says Lynn Woolf.

About American Agri-Women

American Agri-Women (AAW) promotes the welfare of our national security through a safe and reliable food, fiber and mineral supply. Since 1974, AAW members have worked together to educate consumers; advocate for agriculture; and offer networking and professional development opportunities. For more information, or to join, visit AmericanAgriWomen.org. Find AAW on social media at: facebook.com/ Agri-Women and twitter.com/ Women4Ag.

Starter Effects on Corn Yield

By David G. Hallauer, **Meadowlark Extension District Agent, Crops &** Soils/Horticulture

Corn growers put a lot of effort into getting the right hybrid at the right popula-

nomic sense Final population could be at risk however, if you aren't managing your corn starter rates effectively. If you are applying starter fertilizer with the corn seed,

plus potassium (from 10 to 65 pounds per acre) were applied in-furrow, in a two by two placement, dribbled on the surface, or applied in a band over the row. Even at the lowest rates (five pounds

Grass & Grain, March 8, 2016

for the two by two and dribble band treatments, but dropped off significantly (25,000 plants/A at the ten pound rate and 23,000 plants/A at the 20-pound rate) for in-furrow application.

in-furrow effects the highest.

vield loss for the in-furrow

treatments was due to stand

loss. A 32,000-plant popula-

tion stayed pretty consis-

tently in the 31,000 plants

per acre final stand range

Part of the reason for the

Page 9

Bottom line: watch your in-furrow fertilizer rates! Pop-up starters can be a great thing in our cool soil planting conditions, but do not make economic sense when final stands and yield are compromised.





B

Page 10

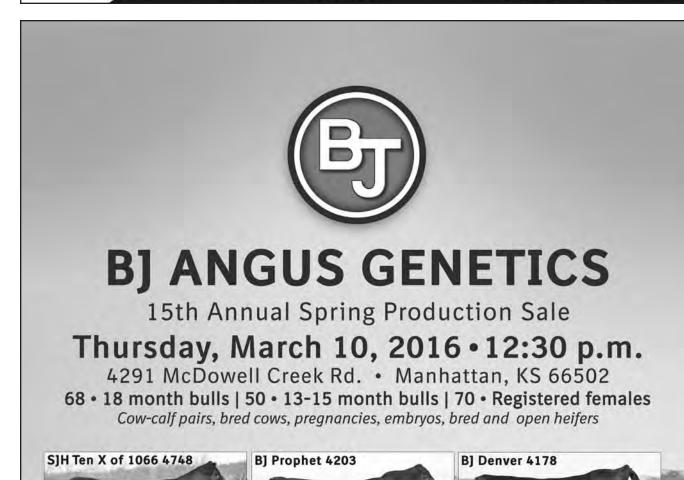
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K-State Research and Extension to host **Grant Writing Workshop in Columbus**

Kansas State Research and Extension would like to announce an upcoming Grant Writing Workshop on Tuesday March 29 from 10:00

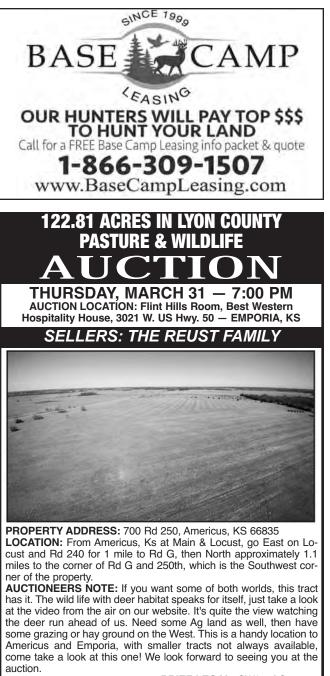


a.m. - 2:00 p.m. The event will be located at the Cherokee County Research and Extension office at 124 W. Country Road Columbus. The workshop is free of charge and lunch will be included. Anyone with an interest in learning how to write a grant is encouraged to attend. Please call 620-429-3849 or email Christina-Holmes@ksu.edu to get registered for this program.

Trudy Rice, the Community Vitality State Program Leader for Kansas State Research and Extension, will be leading the workshop.

Attendees can expect to learn the keys to a successful grant proposal, how to develop a program idea, and how to prepare a grant application.

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





BRIEF LEGAL: SW/4 of Sec. 31 Twp. 17S, Rge. 11E (less an approx. 20 acre tract to be surveyed) Lyon Co. Ks, leaving a balance of 122.18 Acres more or less. Taxes \$332.98. (Based on the entire 142.18 acres.) Minerals: Sellers minerals pass with the deed to the

CRIPTION: Rea either in native or tame grasses. The West half of the tract is mostly open grass land, the East half is timbered with cedar and hedge trees. If you want timbered hunting land, then this is the tract! Everytime we've been on the property, we've seen deer. There are tracks and trails all over the East half. With ample cover and nearby food sources, this would make a terrific hunting property. If you are looking for grazing land, then you can take advantage of the NRCS EQIP contract, which will help pay for the clearing of the timber. Either way the buyer can choose to keep the contract or not without any penalties. The pasture is fenced with hedge and T-posts. There is a wet weather draw and a smaller pond in the North half. There are 2 smaller pit ponds in the West half. The sellers also have a pond in the tract not selling which could be used this year for livestock water by the buyer. This tract is close to Americus and Emporia and has utilities and rural water within a half mile for improve ments if desired. TERMS: Payable to Lyon Co Title Co, evening of auction, \$15,000.00 as earnest money deposit. The balance will be due at closing, on or be-fore May 12, 2016. Buyers will receive full possession at time of closing. Early possession for qualified buyers will be considered so that the buyer can prepare for the 2016 grazing season. The property is being sold with no leases of any kind. The seller shall be responsible for the survey of the 20 acre tract. The fence on the 20 acre tract shall be the responsibility of both the buyer and the seller. Title insurance and closing fees of the title company shall be shared equally between the buyer and the seller. Taxes for 2016 shall be the responsibility of the buyer. All financing arrangements must be made prior to the auction. All information has been gathered from Lyon Co sources and is thought to be accurate but is not guaranteed. **INSPECTION:** Anytime by appointment with Griffin Real Estate & Auction Service LC. See our contact numbers below.







Rudy

Dere felo caowdogs. Its clos to home, too. bin a wile sinc I ben abel to sneek in a collum. B. Black dvm (dip vat maneger, ha, ha) has ben wathing me pretty clos.

Got a letter from Bloo and Bare. Bare sed he liked hour vedio better than the buk. It was cruntcheyer! Bloo got spad. Evre sinc the nayber sot me I bin staing

'Experience the

Did get run oufer las somer but onely brok my leg

I tink my contsent viglens has cut dowen on Backstirs cowdog kritasizein. Besides, wot he nose abowt anemil behavyer wood fit in a pinewurms poketbuk! He went to a horstraning

klinick. That's a laff!

"Bekum won with yer hours." The pore fule izent evun won with his dandrif! Bowt the onely thing hez wone with is his ropping dummv!

I spent the somer waching his gippo cow opurashun. Thank goodness, because he strung fifteen mils of hot whire all ofer

his grazeing. The paschur lookt like Flanderz Feld! The cowz finly gave upp an lerned to cral under it!

I don't know how many mor trips to the sale the Valdez will make. Itz his 1982 stoktraler with skower yelo primer an smooth tires. He maks me staye in it wile hez in the sale barn.

Grass & Grain, March 8, 2016

mutch. I stil ride in the bak of the pikup sumtimz. But he never swepes it hout. All that brush and sand an hay. I set bak the in a blizerd of trash!

But I'm wurkin on him. It cood be worz. I cood be a towen dog.

PS Lefte sez shez doon better after the amputashun.







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ADDRESS/LOCATION: 6733 S. Emma Creek Rd, Sedgwick, KS DIRECTIONS: From Newton, 3 miles West on Hwy 50, then 4 miles South on S. Ridge Rd, then 1 mile West on SW 60th & 3/4 mile South on Emma Creek Rd. OR from Sedgwick (North edge) 3 1/2 miles North on South Ridge Rd, then1 mile West on SW 60th & 3/4 mile South on Emma Creek Rd. Watch for signs!

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2013 Case IH 290 AFS MFWD (GPS/Auto-steer ready, NOT equipped) ONLY 689 Hrs, 19spd, PS, 4 Hyd, 3pt, w/Fast Hitch, PTO, SN 7DRD04403

1998 Case IH 9390 4x4, Firestone All Traction 520/85R42 Triples, 6403 Hrs, 14spd Standard w Hi-Lo, Bareback, 4 Hyd Outlets, N14 Engine, E-Z Steer Steering System, SN Cummins JEE0072718

1989 Case IH 7140 MFWD, 18spd, PS, 3 Hyd, PTO, 3pt, SN 14933 w GB 870 Loader, 8 ½ Bucket IH 1086, 3pt, 2 PTO, 2 Hyd, TA not working

COMBINE/HEADERS

2010 Case IH 8120 AFS Axial Flow, 1782 Engine Hrs, 1339 Sepa rator Hrs, SN YAG20869; 2012 Case IH 2162 40M10 28k, 40' Drap-er Header, 352.7 Hrs, Dbl Sickle Drive; Stud King 38' Tandem Head-er Trailer; Case IH 3412 12 Row, 30' Corn Head; MF 8 Row Corn Head w Sickle Bar for milo; MF 20' Header w 8 Hesston Heads.

TRUCKS/TRAILERS

2013 Dodge Ram 2500, 4x4, 4dr Crew Cab, Cummins Turbo Diesel, Auto, 11,500miles, LIKE NEW, still under warranty; 2000 Freightliner Century Class (sleeper cab), Tandem Axle, Twin Screw, Eaton Fuller Automatic, Series 60 Detroit; IH Transtar II (cab-over w sleep er), Tandem Axle, Twin Screw, Eaton Fuller 10spd, Cummins En gine; 1980 American 40' Alum Trailer, Triple Hopper w Roll Over Tarp; Shop Built 38' Double Hopper Trailer; Kinze 840 Grain Cart, Pro-Lok Roll Over Tarp; 1972 Chevy 60, 5+2spd, V8, 16' B&H; 1965 Chevy 60, 4+2spd, V8, 16' B&H; Tunbow 6'x18' GN Stock Trailer; 6 1/2'x16' Bumper Hitch Car Hauling Trailer; 1999 Mercury Marquee, 4



1EO Yearling Bulls • 20 Fall Yearling Bulls

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Blueboy Sprayer/Wicker w Gas Engine, Hyd Fold Wings; IH F 706 Tractor, Propane (parts); IH 300 6'x14' Feed Wagon; 4 Rows for 6700 White Planter (outside wings); 6"x28' Grain Auger w 13hp Gas Engine; Older 24' Combine Bat Reel; Artsway 850 Feed Wagon; Rhino 11' Single Fold Twin Rotary Mower; 4 Wheel Running Gear; Fold Up Rotary Hoe; Loading Chute; Slip In Stock Rack; IH 2pt Sick-le Mower; 2pt 5 Star Post Hole Digger; 3) Old Wetmore Chopper Blowers; 4 Ring Bulk Tank; 2) 300 Gal Fuel Barrels; 2 Wheel Head er Trailer; 2) Large Metal Water Tanks; Old Tine Levelers; 8"x60' PTO Auger (damaged); 1982 Chevy 20 4x4 Flatbed, 4spd, (not runnina).

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Page 12 Grass & Grain, March 8, 2016 **Proper Soil Sample Collection**

By Jeri Geren, Crop Production Agent, Wildcat Extension District Just like maintaining or servicing equipment, soil testing should become a routine examination of soil health. Correct soil sampling in the field is essential for an accurate and re-

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peatable soil test, and consequently for an optimum nutrient management program. To obtain a proper collection, there are a few guidelines to follow.
Start with the right equipment: You will need a sampling tube, auger, spade

equipment: You will need a sampling tube, auger, spade and a clean bucket. In addition, a few plastic bags or soil collection bags ob-

of the sample area and divide it into uniform areas. Each area should have the same soil texture, color, slope and fertilization and cropping history.

tained from your local Ex-

tension office will be need-

• Start sampling: For the standard pH, buffer pH, P and K test, sample six inches deep and take 20 to 30 cores or slices from each area. Moving in a zig-zag across the area will help to get a more representative sample. Mix thoroughly in the clean bucket. Fill your soil collection bags from this mixture. For available nitrogen, chloride or sulfur tests, take the same number of cores, but a subsoil sample to a depth 24 inches is necessary. It is also important to note that if a zinc test is requested, use a plastic bucket for soil collection as galvanized or rubber materials may contaminate the results.

• Places to avoid: Avoid taking samples from old fencerows, dead furrows, low spots, feeding areas or other areas that might give unusual results. If information is desired from these unusual areas, obtain a separate sample from that area.

• Label: Be sure to label the soil container clearly. When filling out a soil information sheet at the Extension office, name the samples so that it will be memorable at a future date. Keep records as to where the soil samples were taken and the name that was given for each sample.

• Send samples: Once all the soil is collected from the desired areas, take the samples to your local K-State Research and Extension office. They will forward the samples to the K-State Soil Testing Laboratory to be analyzed. Generally, expect results back within two weeks.

If questioning how many soil cores will work for a sample, taking several cores or slices of soil in smaller sampling areas will give a more accurate assessment as opposed to taking a few soil samples in a large area. Also, if taking soil samples on a regular basis, be sure to collect samples during the same time of year such as always in the fall or always in the spring. Since nutrient levels vary in different times of the year. having a uniform sampling time will allow you to compare results from year to year.

To gain a better understanding of the soil health in your fields, a properly collected soil sample is essential. Always remember the worst soil test is the one not taken.

If you have questions or would like more information, please call me at the office (620) 331-2690 or email me at jlsigle@ksu.edu, or visit the Wildcat Extension District website at www. wildcatdistrict.ksu. edu.

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SLC Worth the Cash 15014 Site: CCC Blowing Cash Dam: TS Miss Impressive T25 BW: 80 AWW: 719 AYW: 1242 EPDs: CE 1.2 BW: 0.4 WW: 28 YW: 50 Milk: 16

Weather's effect on controlling the alfalfa weevil

The alfalfa weevil can wreak havoc on an alfalfa field, so it's important for growers to know all current methods of controlling and preventing them. The weevils are incredibly durable and can survive low temperatures, said Jeff Whitworth, Kansas State University associate professor of entomology.

"The alfalfa weevil is a cool-weather insect, so that means it does best between 45 and 80 degrees Fahrenheit," Whitworth said. "Once it gets too warm, it ceases activity, and once it gets below 45 degrees, it will cease activity."

However, just because the temperature has dropped, doesn't mean that the weevil is gone for good, he said. It has a knack for being able to survive in relatively extreme temperatures for a creature of its size. Adult weevils are only about three-sixteenths of an inch long.

"Anytime the temperature is less than 45 degrees, the (alfalfa weevils) crawl down into the leaf litter around the soil. They don't really hibernate; they just become inactive," Whitworth said. "When it warms back up, they start moving and start laying eggs."

Hardy creatures

The survivability and determination of alfalfa weevils to lay eggs is what makes them a troublesome pest, Whitworth said. From October to March, the weevils lay eggs, which will hatch anytime the temperature is above 45 degrees.

"I've seen eggs hatch as early as late February and continue on through May, because some of those eggs that were laid in October and November developed enough that they started hatching in February," he said.

The eggs can be difficult to find, as they are laid in the stem. This can make finding the right time to treat them also difficult.

"Whether (the stem is) horizontal or vertical, the alfalfa weevil will still lay the eggs inside that stem," Whitworth said.

Fall treatment concerns The biggest problem, Whitworth said, is finding the right time to treat them. Treating them before they can lay eggs might seem like a good option, but this method has proven difficult to time accurately. Because of their hardiness, alfalfa weevils tend to be out and active for a majority of the

year. "We have put out fall treatments, where we tried to kill the adults in the fall before they lay the eggs. The problem with that is timing," Whitworth said. "The difficulty with these fall treatments is that insecticides aren't very effective when the temperature drops below 45 degrees." Therefore, insecticide

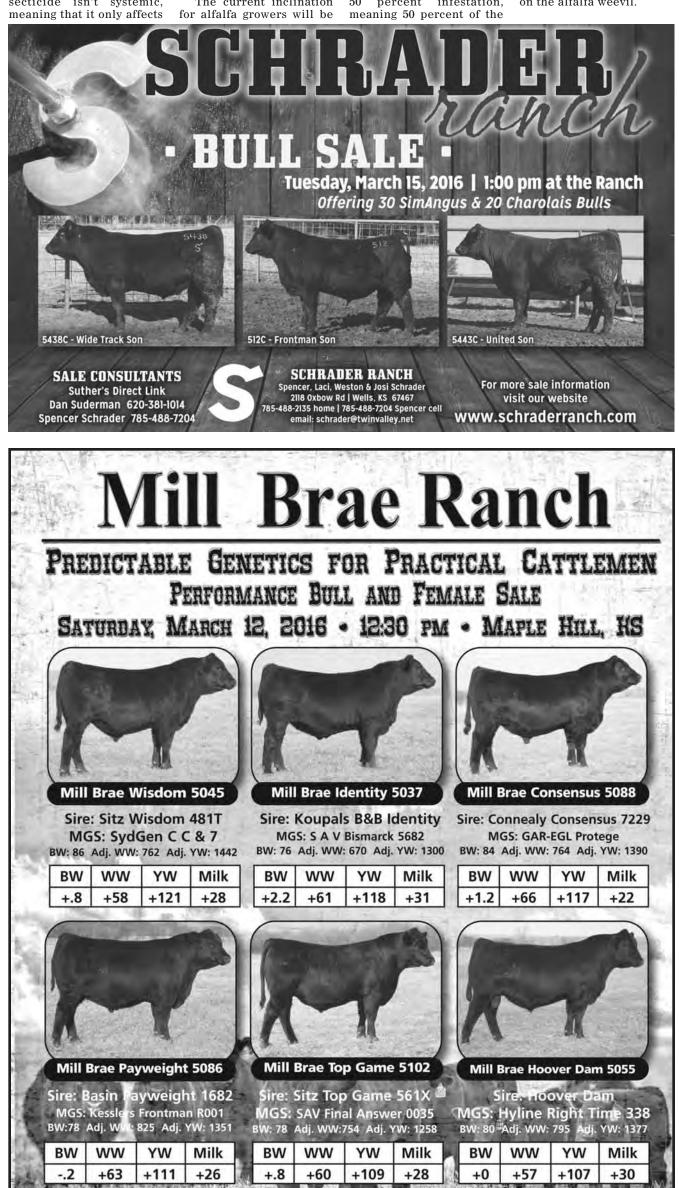
effectiveness can be an
 issue when temperatures
 fluctuate regularly. In addition, fall treatment tends to
 kill off beneficial insects
 that help control non-beneficial insects on an alfalfa
 field, he said.

It's also important to note that alfalfa weevil insecticide isn't systemic, meaning that it only affects weevils that come into contact with the spray. This can be troublesome, according to Whitworth, because when it's less than 45 degrees the weevils hide under the leaf litter and don't come into contact with the insecticide.

Spring treatment timing The current inclination or alfalfa growers will be to treat the weevils at the first sign of damage in early spring. However, Whitworth recommends waiting until later when there are more weevils present.

"Those first few larvae will feed a little bit, but there's more to come," he said. "Wait until you have a 50 percent infestation, meaning 50 percent of the stems are infested with live larvae. That's probably a good time to spray."

Alfalfa growers can visit the K-State Research and Extension Bookstore online (http://www.bookstore.ksre. ksu.edu/pubs/MF2999.pdf) or their local Extension office for more information on the alfalfa weevil.





SATURDAY, MARCH 19 — 10:00 AM Offering Personal Property for sale at Public Auction, located at 1682 320th St., Ramona, KS from the south edge of Ramona, KS 4 miles south & 1 1/4 miles west or from Tampa, KS 2 miles east, 1 mile south & 1 3/4 miles east.

TRACTORS, TRUCKS & FARM MACHINERY

1982 IH 5488 tractor, duals, hyd., pto, 3 pt.; White 2-135 FWA tractor: 1981 White 2-105 tractor with Oliver 1610 loader; 1960's Oliver 1550 tractor, Schwartz loader; 1962 IH 504 tractor; 1985 IH single axle semi tractor, 7 spd.; 1998 Mauer 24' single axle grain trailer, roll over tarp: 1963 IH truck. 14' bed & hoist; 1976 Ford F-250 flatbed 4x4 pickup, bale bed; 1980 White 8600 combine, 20' header; White Oliver 7300 combine, 15.5' header, 4 row 30" corn head; 5 Hesston HeadHunters; White 12' pickup attach.; John Deere 724 24' disc-o-vator, 5 row tine harrow: Krause 1918 24' disc; Krause 904 21' disc; Parker gravity wagon with auger; Great Plains 30' Solid Stand drill, single 13" discs; White 435 14 shank chop chisel; shop built 16' gooseneck stock trailer; shop built 20' gooseneck hay trailer; Donahue 5x24 implement trailer; 12 wheel V rake; Oliver 8' rake; 16' bale trailer; grain-o-vator ensilage wagon; grain-o-vator 60 bu. grain wagon; Oliver 545 5 btm. plow; IH manure spreader; John Deere manure spreader: IH M 155 bu. manure spreader, restored; IH 5000 14' swather; Case 25' pto bale elevator; John

Deere rotary mower; IH 20' drag springtooth; IH 510 8-20 grain drill; slip in stock rack; honey wagon; 30' pto grain auger; 3 pt. bale fork; 7' 3 pt. blade; 12' grain auger & hopper; 16' weed wick; log splitter; & more. LIVESTOCK & FARM RELATED

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Grass & Grain, March 8, 2016



check out the on-line schedule at www.grassandgrain.com

March 8 — 159 +/- acres irrigated farmland held at Canton for Floyd Vogts Family Farms. Auctioneers: Horizon Farm & Ranch Realty, LLC.

March 8 — Tractors, loader, forklift, combine & header, sprayer, grain carts, trucks, pickups, Jeep, Ranger, trailers, farm machinery & equipment at Wright for Bill Rebein. Auctioneers: Farm & Ranch Realty, Inc.

March 8 — Cattleman's Choice bull sale (selling Angus & SimAngus bulls & 1st calf heifer pairs) held at Washington for T Seven

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Ranch and G&G Angus. March 9 — 5th annual Bull & Female sale (Angus) held at Overbrook for Mav-Wav Farms.

March 10 — Guns, game & sport equipment, antiques, collectibles, furniture & kitchen, tools & equipment at Salina for Bobby D. Phillips. Auctioneers: Baxa Auctions. March 10 - Guns, game & sporting equipment, antiques, collectibles, furniture, kitchen items, tools & equipment at Salina for Bobby D. Phillips. Auctioneers: Maxa Auctions, LLC.

March 10 — Residential real estate at Clay Center for Margaret (Mrs. Milo) Hahn Estate. Auctioneers: Clav County Real Estate, Greg Kretz, salesman & auctioneer.

March 10 — 15th annual Bull & female sale at Manhattan for BJ Angus Genetics. March 11 — Tractors, combines & headers, sprayer, grain carts, trucks, pickups, ATVs, trailers, farm machinery & equip., livestock & shop equip. SW of Cheyenne Wells, Colorado for M&C Lowe Farms. Auctioneers: Farm & Ranch Realty, Inc.

March 12 — Coins & stamps held at Baldwin City. Auctioneers: Edgecomb Auctions.

March 12 — Tractors, pickups, combine, ATV, farm & livestock equipment & misc. at Eureka for Kenneth Pike. Auctioneers: Sundgren Realty, Inc.

March 12 — Player Piano, antique furniture, household, appliances, exercise equipment, yard & shop items, tools at Manhattan for William "Pete" Beck & items of the late Marguerite Beck. Auctioneers: Gannon Real Estate & Auctions.

March 12 - 40 acres m/l with homesite, farm machinery, equipment, household & furnishings held at Lyons for Randall "Red" Foskett. Auctioneers: Strohs Real Estate & Auction.

March 12 — Furniture, appliances, glassware, collectibles, tools & misc. at Junction City for Dr. Alex Scott & Others. Auctioneers: Brown Real Estate & Auction Service, LLC.

March 12 — Household. tractor, tools & misc. at Wakarusa for Courtland Carls. Auctioneers: Kooser Auction Service.

March 12 — Tractors, combine, trucks, skid loader, trailer, machinery, shop equipment & misc., storage units, hay & hay equipment, livestock equipment, household at Muscotah for John & Sara Banks. Auctioneers: Harris Auction Service.

March 12 - Tractors, combine & head, dozer, semi, dump truck, semi trailers, collector car, pickups, trucks, grain cart, gravity wagon, trailer, machinery buggies & tack, misc. &

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collectibles, primitives near Barneston, Nebraska and Home City, Kansas for Allen Oltman Estate. Auctioneers: Jurgens, Henrichs, Hardin.

- March 12 Tractors, farm machinery & pickups at Newton for Lehman Farms. Auctioneers: Van Schmidt.
- March 12 Farm equipment, antique tractors, tools at Green for Carol (Mrs. Robert) Shorman. Auctioneers: Raymond Bott Realty & Auction.
- March 12 2 tracts of farmland (T1 120 acres m/l; T2 160 acres m/l) held at Linn for Kevin & Rebecca Holsch. Auctioneers: Midwest Land & Home, Mark Uhlik.
- March 12 496.46 acres (in 3 tracts) Geary County pasture, wildlife, cropland held at Junction City for Family of the late Robert D. Jones & Phyllis J. Jones. Auctioneers: Griffin Real Estate & Auction Service, LC.
- March 12 Farm & tool held auction near Louisville for Donald & Evelyn Zoeller Trust. Auctioneers: Murray Auction & Realty.
- March 12 - Performance Bull & Female sale at Maple Hill for Mill Brae Ranch.
- March 13 Approx. 150 guns, 30 old Colt revolvers at Salina for 1 estate. Auctioneers: Wilson Realty & Auction Service.

March 13 — 25th annual Boyer Limousin & Lim-Flex production sale at Liberty, Nebraska.

March 14 - 262 acres of Lyon County pasture held at Emporia. Auctioneers: Swift-N-Sure Auctions &



- March 14 Native pasture & wildlife habitat (hunting) held NE of Olsburg for Fanchon F. Bergsten Trust. Auctioneers: Cline Realty & Auction, LLC.
- March 14 Annual spring production sale near Beaver, KS for Schreiber Angus.
- March 12 Harley Gerdes consignment auction at Lyndon.
- March 12 Personal Property & Farm Equipment Auction South of Wymore, Neb. for Henry V. & Carol Aden Estate. Auctioneers: Olmsteds & Sandstrom.
- March 12 Annual Machinery Consignment auction at Concordia for Concordia Optimist Club.
- March 16 420 acres m/l prime creek bottom ground, southern Pottawatomie County held at Wamego for Donald & Evelyn Zoeller Trust. Auctioneers: Murray Auction & Realty.
- March 16 5th annual production sale (Angus bulls, open vearling heifers. young pairs) at Overbrook for Woodbury Farms.
- March 17 27th Angus production sale held at Esbon for Benoit Angus Ranch.
- March 18 Cotton equipment, tractors, sprayers, tillage, planting, grain cart, trucks, trailers & mower at Arkansas City for Kendall Rich. Auctioneers: Theurer Auction/Realty.
- March 18 150 +/- acres Cowley County river bottom farmland held 30 miles SE of Wichita for Pauline Weninger. Auctioneers: Chuck Korte Real Estate & Auction.
- March 18 Tractors, farm equipment, 1992 Chevy Silverado & personal property at Home (Marshall County), KS for Wes & Karen Johnson. Auctioneers: Olmsteds Sandstrom.
- March 19 2 bedroom home on large lot held at Westmoreland for Robert Sutterlin Estate. Auctioneers: Murray Auction & Realty. March 19 — Farm toys, NIB
- tractors, trucks, implements, misc. at Sabetha for Jerry Rowlett Estate & Ambrose Ernzen Estate. Auctioneers: Hartter Auction Service.
- March 19 Riding lawn mower, Workman 4-wheel lawn cart, household, antiques, collectibles & more at Herington for Mr. & Mrs. H.D. Bisby. Auctioneers: Bob Kickhaefer.
- March 19 Tractor, machin-



Troybilt Zero Turn 22HP 50" cut riding mower, good, 535 hours, one owner; Toro 4-wheel Lawn Cart, gas powered with dump bed, called Workman; Shovels; axe; wheelbarrow; Lawn Boy push mower: snow blower: Troybilt gas edger; Complete set of Popular Mechanics encyclopedias; and much more! Bicycles.



SATURDAY, MARCH 19 – 10:30 AM

Located at 5 South Broadway – HERINGTON, KANSAS

Boxes full of miscellaneous like pots, pans, kitchen utensils; new in box convection oven: kitchen table, chairs; 8 track stereo player and speakers; coffee table; lighted nativity scene; lamps, pictures, suitcases; wheelchair; walkers with wheels; bedding; pillows.

ANTIQUES & COLLECTIBLES 2 boxes full of railroad parts of different models; 1956 Ford pickup bank; large Tonka toy backhoe old



- di

axle dump truck; Porkys Jeep: Boyds CI Flyer: plus smalls: old school desk; old wooden hall tree with seat; very old dresser with mirror, 2 drawers and 2 glass doors; rocking chair; CI sausage press; 1905 old hand or pedal crank wooden round tub "ONE MINUTE" washing machine; lots more! Fancy linens; vintage



TERMS: Pay by Cash or Good Check. Statements made day of auction take precedence over printed material. Not responsible for accidents. CLICK ON KSALLINK.COM

SELLER: MR. & MRS H.D. BISBY AUCTIONEERS: BOB'S AUCTION SERVICE • 785-258-4188 Clerk/Cashier: Bob's Auction Service · Lunch

FARM AUCTION SATURDAY, MARCH 19 - 10:00 AM

Auction will be held at the farm located (at 950 B Road Jewell Co.), from Highway 24 and Highway 128 (West of Glen Elder, Kansas) go North 5 miles on 128 Highway to B Road in Jewell Co., then 1/2 mile East on the North side of the road.

TRACTORS, COMBINE, GRAIN CART

double disc drill 10" spacing; John Deere 650 tandem disc

GATOR, 4 WHEELER, CATTLE EQUIPMENT,

dresses; nice quilt.

1990 Case IH 1680 Axial Flow diesel combine 25' header: John Deere 4440 diesel tractor, power shift. 3 pt., triple hvd. weighted, 18.4-38 duals 7800 hrs with JD 168 loader 6' bucket w/grapple; Outback GPS system; John Deere 8760 4 wheel drive tractor, PTO, 4 hyd, 18.4R42 duals, 300 hrs on new rods & mains, fuel pump, fuel injectors; IHC 986 diesel tractor, cab air, 3 pt. dual hyd (7800 hrs, rebuild engine at 6000 hrs); IHC 560 gas tractor fast hitch, single hyd, w/Farm Hand F11 loader w/grapple fork; hay buck; United Farm Tools 2 wheel 400 bu. grain cart.

TRUCKS & TRAILERS 1974 Chevrolet C60 truck, 8 cy, 4 sp, 2 sp, 16' steel box w/ power up power down hoist; 1966 Chevrolet C60 truck, 8 cy, 4 sp, 2sp, 16' steel box w/power up power down hoist; 1979 GMC High Sierra 15 4 wheel drive flatbed pickup, 8 cy., automatic; 1992 Travalong 20' tandem axle gooseneck covered stock trailer, center gate; Travalong 16' tandem axle bumper hitch 16' covered stock trailer.

32'; John Deere 6 row 7000 pull type planter no till kit double disc; Hedi tandem axle 60' sprayer w/foam markers; 1000 gal. nurse tank on tandem axle trailer; Kent Series V 44' field cultivator; Kent Series IV 28' field cultivator w/anh.; John Deere 9600 2 section hoe driller 20' 10" spacing; John Deere 566 big round baler; New Holland 69 small twine baler; Vermeer WR-24 folding hay rake; Buffalo 12' pull type speed mover: 4 wheel trailer w/6 big bale rack; 2 flatbed 4 wheel trailers; 3 pt. 5' shred-der; 3 pt. 8' blade; 3 pt bale fork; 3 pt. 300 gal sprayer; JD 400 3 pt. rotary hoe; Case 6-16 semi mount plow; IHC 496 tandem 20' disc; Krause 1480 offset 16' disc; Hutchinson 6233 PTO grain auger; JD 14' pull type chisel; 16' IHC 92 4 row 3 pt. 36" planter; Kent 24' springtooth; portable loading chute; IHC 120 one way; Welco 8 bale drag accumulator; JD 3 bottom pull type plow; 2 IHC 110 disc drills w/double drill hitch; assortment machinery for iron.

HOUSEHOLD 2010 John Deere XUV 825 gas 4x4 Gator 2992 hrs; Honda Recon 4 wheeler. 1995 Kawasaki Mule 500 4 wheeler; 2 wheel drive, new tires; 62 portable cattle panels; 200+ electric fence posts; T posts; 800 gal polly transfer tank: 1000 aal diesel tank w/electric pump 500 gal overhead fuel tank; 2-300 gal overhead fuel tanks; PTO wire winder; 2015 big round bales (18 brome, 35 alfalfa); assortment of good used tires; 180+ lb anvil on I beam stand; pump jack; sprayers; hog feeders; small assortment hand tools; table saw; pipe; iron; Antiques & household inc. G & B 10 gal visible gas pump; iron wheels; SPS 5 gal crock water cooler lid damaged; other crocks; tiger oak buffet; pine table; other tables; 2 full beds box springs & mattress like new; wicker chairs; Gibson 20 cu chest freezer; 15 cu refrigerator; double wash tubs; large pressure cooker; large assortment Kerr canning jars; gardening supplies; yard art; coaster wagon; assortment pictures large assortment of other household and misc.

MACHINERY

John Deere 455 folding 30'

Note: The Jays are retiring and moving. We will sell machinery at 12:30 p.m., check our web site for pictures at www.thummelauction.com

> HAROLD & LINDA JAY • 785-545-5203 Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC 785-738-0067

REAL ESTATE AUCTION TUESDAY, APRIL 5, 2016 - 10:00 AM

Auction will be held in the National Guard Armory, MANKATO, KANSAS

Tract I: NW 1/4 10-4-8 Jewell Co. Kansas The farm is located on 160 road 4 miles South of Mankato, Kansas. There are 152 acres with 95.04 acres of crop land. The balance is pasture and creek. The farm has rural water, corrals and older hay shed

Purchaser will pay 2016 taxes. 2015 taxes were \$1,671.00.

Possession of broke ground will be after 2016 wheat harvest. Purchaser will receive 1/3 landlord share of 2016 wheat crop. Purchaser will pay 1/3 share of fertilizer and chemical. Possession of pasture will be upon closing.

Tract II: SE 1/4 3-4-8 & W 1/2 SW 1/4 2-4-8 Jewell Co. Kansas

The farm is located on the NE corner of tract I. There are 237.12 acres of pasture with 3 ponds. Purchaser will pay 2016 taxes. 2015 taxes were \$274.70

Possession: Possession will be upon closing. Tract III: Approximately 10 acres in E 1/2 4-4-8 Jewell Co. Kansas

Ranch style home 1253 160 Road located 3 1/2 miles South of Mankato on 160 road. The home is on a gravel road, it was built in 1974, it is a very quality built home. There are 3 bedrooms on the main floor w/2 baths, the utility room is on the main floor, there are a large amount of closets. There is a walk out full basement that is finished

with bath. There is an attached 2 car garage, new steel shingle roof, vinal siding, electric heat in ceiling, central air, reverse osmosis water, water softner. The septic system was new in 2006. The seller will make no repairs or inspections. All inspections must be made before April 5, 2016. There is a 32' x 24' metal insulated detached garage with cement floor, a 48' x 81' Morton building, a 26' x 40' garage with cement shop, an open front machine shed and shop w/concrete floor in shop, 4 other out buildings, corrals, 3 -1700 bu steel bins, all buildings have electric. The farm has trees on 3 sides.

To view the home contact Kim Ost at 545-6675 or Kendall Ost at 378-3743.

For pictures check our web site at www.thummelauction.com.

Possession will be upon closing. Purchaser will pay 2016 taxes

Terms: 10% of purchase price as down payment day of auction, the balance will be due upon closing on or before May 5, 2016. Down payment will be escrowed with Gail Miller Abstract. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser.

Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.

DONA OST BEAM ESTATE & HEIRS

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC 785-738-0067 · www.thummelauction.com

ery & more at Burlington for Jeff & Brenda Bluma and consignments for James & Donna Ervin. Auctioneers: Edgecomb Auctions.

- March 19 Tractors, combine, grain cart, trucks, trailers, machinery, Gator, 4-wheeler, cattle equipment, household West of Glen Elder for Harold & Linda Jay. Auctioneers: Thummel Real Estate & Auction, LLC.
- March 19 Farm machinery & equipment North of Washington for Norma (Mrs. Lyle) Hennerberg. Auctioneers: Raymond Bott, Lee Holtmeier, Luke Bott.
- March 19 4 Bedroom, 2 Bath Home, single car garage/workshop; household, furniture, tools, vard items at Manhattan for items of the late Charles & Svlvia Kearby. Auctioneers: Gannon Real Estate & Auctions.
- March 19 Tractors, trucks, farm machinery, livestock & farm related at Ramona for David Frantz Estate. Auctioneers: Van Schmidt.
- March 19 Antiques, collectibles, old pictures, old dolls, old books, old glassware, pottery, household, kitchen items. Santa collection, garage & garden items at Meade for Estate of Dorothy M. Fleener. Auctioneers: Leppke Realty & Auction.
- March 19 Tractors, pickup, hay & farm machinery, misc., at Osage City for Dale & Kate McKanna, Bob Wilkin & others. Auctioneers: Wischropp Auctions.
- March 19 Tractors, loaders & accessories, hay equipment, trucks, trailers, machinery, cattle & livestock equipment, grain bins, 4-wheelers & mowers, shop tools, misc. equipment near Osfor Carol awatomie Bartlett. Auctioneers: Cantrell Auctions.
- March 19 Tractors, farm equipment, vehicles, collectibles & personal property at Frankfort for John & Fran Fangman. Auctioneers: Olmsteds & Sandstrom.
- March 19 Farm auction West of Topeka for Steve Porubsky. Auctioneers: Harris Auction Service. March 19 - 154.8 acres m/l County Pottawatomie

farmland, pastureland & potential building sites offered in 5 tracts held at Westmoreland for Doug & Della Brackenbury. Auctioneers: Cline Realty & Auction, LLC.

- March 19 37th Annual production sale for Molitor Angus selling bulls & females at the ranch near Zenda and Kingman.
- March 20 Advertising signs, memorabilia, thermometers, oil cans, collectibles, gumball machines, match books, cast iron items & misc. at Lawrence. Auctioneers: Elston Auctions.
- March 20 19th annual April Valley Farms Performance-tested Angus Bull & Female sale held at St. Joseph, Missouri.
- March 21 600 acres m/l Ness County land held at Ness City for Delbert & Lillian Moore Living Trust. Auctioneers: Farmland Auction & Realty Co., Inc.
- March 21 Tractors, combine, headers, trucks, trailers, farm equipment. older machinery, shop & misc. at Sedgwick for Vernon & Grace Klaassen. Auctioneers: Leppke Realty & Auction.
- March 23 2 tracts of cropland, native stone house held at Eureka. Auctioneers: Sundgren Realty Inc., Land Brokers
- March 23 23rd Pelton Simmental/Red
- Angus/SimAngus cattle sale at the Lacrosse Sale Barn, Lacrosse.
- March 24 Tractors, combine, trucks, trailers, machinery, ATV, mowers, shop & misc. at Marion for Jeanie (Mrs. Jim) Funk. Auctioneers: Leppke Realty & Auction.
- March 24 Tractors, grain cart & header, trucks, trailers, farm equipment at Larned for Schartz Farms. Auctioneers: Carr Auction & Real Estate, Inc.
- March 24 Real estate (T1: 640 +/- ac. pasture, watershed lake, creek, timber; T2: 40.4 ac. native pasture, potential building site) held at El Dorado. Auctioneers: Sundgren Realty, Inc., land brokers.
- March 24 305+/- acres Butler County flinthills pasture held at Cassoday. Auctioneers: SunGroup. March 26 — Tractors, loader,

- skid steer, ATVs, machinery, log splitter, wagons, trailers, generator, tools, household good, collectibles & misc. at Pickrell, Nebraska for Harlan "Butch" & Carol Otto. Auctioneers: Jurgens, Henrichs, Hardin.
- March 26 Vintage pedal construction vehicles, toys, farm toys, shotguns, rifles, revolvers, pistols, collectibles & misc. at Lawrence. Auctioneers: Elston Auctions.
- March 26 Spring consignment auction at Holton. Auctioneers: Harris Auction Service.
- March 26 Bull & Female production sale held at Belleville for T and S Strnad Charolais.
- March 28 30th Oleen Brothers "Best of Both Worlds" cattle sale at the ranch 1/2 mile South of Dwight.
- March 31 447.8 m/l acres Flint Hills pasture held at Madison. Auctioneers: Sundgren Realty Inc., Land Brokers.
- March 31 122.81 acres in Lyon County, pasture & wildlife held at Emporia for The Reust Family. Auctioneers: Griffin Real Estate & Auction Service, LC.
- April 2 Tractors, trucks & farm machinery, livestock & shop equipment at Marquette for Dean & Peggy Geiman Rev. Lvg. Trust. Auctioneers: Van Schmidt.
- April 2 Complete line of farm machinery, cattle equipment, tools & misc. NE or Corning for Ronald Steinlage Estate. Auctioneers: Dan Deters Auction Co.
- April 2 Farm machinery & shop tools SW of Alma for Bryce Hunt Trust. Auctioneers: Cline Realty & Auction. LLC.
- April 2 80 +/- acres Marshall County land held at Waterville for Rich & Micky Jensen. Auctioneers: Midwest Land & Home.
- April 2 320 +/- acres prime Marshall County cropland held at Marysville for Mike & Shannon Bussmann. Auctioneers: Midwest Land & Home.
- April 2 5 tracts in Nemaha & Jackson County (hunting, cropland, timber, creeks, ponds, pasture, CRP) held at Wet-

more. Auctioneers: JP Weigand & Sons, Inc.

- April 2 Farm machinery, vintage JD & pickup, collectibles & household at Ramona for Warren Fike Estate. Auctioneers: Bob's Auction Service.
- April 2 Farm machinery & construction equipment consignment auction at Leonardville. Auctioneers: Gene Francis & Associates.
- April 2 Farm machinery, equipment, misc. & more at Durham for annual consignment auction for G&R Implement. Auctioneers: Leppke Realty & Auction. April 2 — Farm machinery
- & misc. West of Miltonvale for retirement of Bill Garrison. Auctioneers: Larry Lagasse Auction & Real Estate.
- April 2 Equipment, tools, household, collectibles, etc. at Lawrence for Bud & Thelma Dillon Estate. Auctioneers: Elston Auction Co.
- April 2 9th annual production sale offering Gelbvieh, Gelford & Hereford genetics South of Canton for Circle S Ranch.
- April 3 Linn Booster Club consignment auction at Linn. Auctioneers: Raymond Bott. Lee Holtmeier. Luke Bott.
- April 3 Estate gun auction at Salina. Auctioneers: Wilson Realty & Auction Service. April 3 — 21st annual show
- pig sale at Leavenworth for April Valley Farms.
- April 4 240 acres m/l Grant Township, Washington County land held at Haddam. Auctioneers: Burt Farm & Ranch Realty, LLC.
- April 4 5 tracts of land in Osborne County, KS held at Tipton for Nick & Clara Streit Trust. Auctioneers:

Grass & Grain, March 8, 2016

Thummel Real Estate & Auction, LLC.

- April 5 Jewell County farmland. Ranch-style home sold in 3 tracts held at Mankato for Dona Ost Beam Estate & Others. Auctioneers: Thummel Real Estate & Auction, LLC.
- April 7 Kaiser Angus Building for the Future annual production sale held at the ranch near Park KS
- April 8 2,089 acres of Cowley County land, native grass, grazing land. wildlife held at Arkansas City for Cross T, LLC. Auctioneers: Griffin Real Estate & Auction Service. LC
- April 9 Anderson County cropland, home held at Garnett for Manners & Nesbit Farms, LLC. Auctioneers: Midwest Land & Home.
- April 9 Farm machinery & equipment, tools & antiques at Washington for Jean (Mrs. Don) Moser. Auctioneers: Raymond Bott, Lee Holtmeier, Luke Bott.
- April 9 Pickup, trucks, JD tractors, stock trailer, skid steer, farm equipment, livestock items & tools NE of Abilene for Alfred & Martha Koelling. Auctioneers: Chamberlin Auction Service
- April 9 Farm machinery, tools, equipment, new IH/Case tractor, household at Herington for Milton & Mildred Gehrke. Auctioneers: Bob's Auction Service.
- April 9 Household goods & misc. at Clay Center for Chester & Virginia Grubaugh Estates. Auctioneers: Kretz & Bloom Auction Service.

April 9 & 10 - 2-day antiques & art, furniture,

Sprayer w/30' Booms; IH 990 9' Swather w/Rubber On Steel Rollers; IH 5100 21x7 Soybean Special Drill: IH #50 12 1/2 ' Flail Mower; Noble Cultivator/Tiller 4x36" Row; IH 3 Pt 14' Spring Tooth; IH Model 18, 14' 3pt Ro

tary Hoe; IH 4 Row 36" Planter; IH 470 4x36" Lister/Cultivator JD Van Brunt 15x7.5 Drill w/Grass Seed Box; BMB 6' Pull Type Rotary Mower; Gehl 95 Grinder Mixer, Needs Some Work; Tonutti 12-14 Wheel High Capacity Rake; Frontier RB 2310 10' Rear Blade, 3 Way Hyd; MH 26 Side Delivery Rake.

MISCELANEOUS Numerous 4" Augers; Fanning 123 Seed Mill; Large Assortment

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samplers, crocks, lamps, collectibles at Salina for Virginia H. Meeker Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

- April 16 Vehicles, tractors & shop equipment, furniture, glassware & household items at Hutchinson for Allen & Karlene Pauls. Auctioneers: Van Schmidt.
- April 16 Farm machinery East of Clay Center for Mike & Mary Brown. Auctioneers: Raymond Bott, Lee Holtmeier, Luke Bott. April 17 — Real estate (country acreage), antiques, boat & household Northwest of Marysville for Frank & June Vculek. Auctioneers: Raymond Bott Realty & Auction.
- April 23 Possible antiques & collectibles, household, furniture, appliances, collection of over 1,000 salt & pepper shakers at Minneapolis for Olive Cornellisson Estate. Auctioneers: Bacon Auction Co.
- April 30 Tractors, combine, grain cart, trucks, trailers, machinery, cattle equipment, tools, 4-wheeler, mower West of Tipton for Duane & Judi Streit. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 7 2010 Ram 2500HD. Crew Cab pickup, farm machinery, hay & livestock equipment, gooseneck trailers, boats, campers, shop equipment & tools, household at Brookville for Diane Hick. Auctioneers: Bacon Auction Co.
- May 21 Tractors, trucks, semi trucks, tillage, irrigation and livestock equipment, shop items at Minneapolis for Rupert Land & Cattle Co. Auctioneers: Bacon Auction Company.

SATURDAY. MARCH 19 - 10:00 AM

DIRECTIONS: From I-70 & US Hwy 75 in Topeka, KS, 11 ½ miles West on I-70 to NW West Union Road Exit, 1/2 mile North, West Side.

TRACTORS IH 560 D, Nf, w/Mccormick 33

Loader, 9537 Hrs, 15.0-38 Tires, Sn# 24943: Farmall M Nf. 3 Pt After Market Hitch Sn#192069 Not Running; Mccormick M, Nf, After Market 3 Gas. Sn#20973 Not Running; IH 686 D, Nf, 18.4-34 Rear Tires, 3140 Hrs. Sn# 2450176U13199; MF 65 Wf. 14.9-28 Tires, 2481 Hrs: IH 1586 Cab, Heat, Air 3 Remotes, Changed To ISO, 20.8-38 Duals, New TA, AC Rebuilt Front End, Work Done Last 50 Hours: IH 6788 Cab. Heat. Air 3 Remotes, 20.8-38 Original Rubber, 2628 Hrs, Sn# 8801-#1 of 347 Made; Farmall H, Electric

Of 18.4-26 Front Tires Off Gleaner Combine; 15' Bat Reel

For Gleaner **MACHINERY & EQUIPMENT** Pull Type Sprayer, 300 Gal Tank w/30' Booms; 4-Wheel Running

Gears/12' Steel Bed & Hoist; 12 Harrow, 2 Pt Hitch; 3 Pt Post Hole Auger; 3 Pt Carry-All; Several 3 Pt Bale Spears; Top Hand Portable Loading Chute, Like New; IH #37 12' Disk; Old Manure Spreader; JD 630 22' Disk; M-M P3-7 16x7.5 Drill; Patriot 220 Seed Tender, w/Long Auger And Innoculator: Mccormick 4-FTC43, 4x14 Bottom Plow, 2 Pt.; JD Sickle Mower; IH 56 4-Row X 36" Planter, w/Fertilizer Boxes;

1000 Gal NH3 Tanks On

MONDAY, APRIL 4, 2016 - 7:00 PM Auction will be held at the Knights of Columbus Hall in TIPTON, KANSAS

REAL ESTATE AUCTION

Tract I: SE 1/4 9-8-11 Osborne Co. Kansas. The farm is located 40th Avenue & 140 Drive. 161.32 acres with 99.08 cropland acres, 62.24 acres pasture. Base acres are wheat 60.51 with 38 bu yield, oats 1.44 with 42 bu yield, corn 1.45 with 109 yield, grain sorghum 20.62 with 70 bu yield, soybeans 1.12 with 28 bu yield for a total base of 85.14 acres. There are 76 acres planted to wheat, 20 acres of summer fallow. The pasture was sprayed in the fall. Possession of the pasture will be upon closing, possession of the summer fallow will be immediate, possession of the wheat ground will be after 2016 wheat harvest. Purchaser will receive 1/3 rent share of the wheat. 2015 taxes were \$1.018.50

Tract II: SW 1/4 8-8-11 Osborne Co. Kansas. The farm is located on 50th Avenue & 140 Drive. 157.86 acres with 131.81 cropland acres. Base acres are wheat 80.49 with 38 bu yield, oats 1.91 with 42 bu yield, corn 1.92 with 109 bu yield, grain sorghum 27.43 with 70 bu yield, soybeans 1.48 with 28 bu yield for a total base of 113 23 acres There are 62 acres planted to wheat, the balance is summer fallow. Possession of summer fallow will be upon closing, possession of the wheat ground will be after 2016 wheat harvest. Purchaser will receive 1/3 rent share of the wheat. 2015 taxes were \$869.42

Tract III: NE 1/4 & NW 1/4 & N 1/2 SE 1/4 22-8-11 Osborne Co. Kansas, less approximately 9 acres. The farm is located is located on Highway 181 3 miles West of Tipton, Kansas. There are approximately 376.92 acres with 197.31 cropland acres, approximately 160 acres of grass, 130 acres planted to wheat. Possession of pasture will be

upon closing, possession of the wheat ground will be after 2016 wheat harvest. Purchaser will receive 1/3 rent share of the wheat. Total 2015 taxes were \$3,655.34.

Tract IV: Approximately 9 acres in the SE corner of the N 1/2 SE 1/4 22-8-11 Osborne Co.

The home, buildings and land are located in the corner of the above tract. The farm is on Highway 181 3 miles West of Tipton. The home is a split level 4 bedroom, 2 bath, with finished basement, 1 car attached garage. The furnace and air conditioner are new, there are new thermo windows. The roof is metal. There is also a 40' x 60' Kent building with concrete floor, barn and other out buildings. The home is on rural water. The seller will do no inspections or repairs. All inspections must be made by the purchaser before April 4, 2016. Possession on the home will be July 1 2016.

Tract V: NW 1/4 NW 1/4 35-8-11 Osborne Co. Kansas

The farm is located 1 mile South of the above farm. There are 38.43 acres of grass. Possession will be upon closing. 2015 taxes were \$47.32.

Terms: 10% of purchase price as down payment day of auction, The balance will be due upon closing on or before May 10, 2016. Down payment will be escrowed with Mitchell Co. Abstract. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser. Purchaser will pay all of 2016 taxes.

Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.

NICK & CLARA STREIT TRUST

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC 785-738-0067 · www.thummelauction.com

Start, Single Hyd, Nf, 12.4-38 Rear Tires; IH 1086 Cab, Heat, Air 18.4-38 Rubber, Dual PTO. Hyd Changed To ISO, 4611 Hrs; Hiniker 1300 Cab For 806 Tractor, New.

TRUCK & LOADER

1981 Ford F700, 370V8, 5-2 Speed. 16' Haul-Mor Steel Bed, Haul-Mor Twin Cvl Power Up & Down Hoist, 9:00-20 Rubber, Pusher Axle, 43,838 Miles; IH 250B Crawler, IH Turbo Diesel Power Shift, 2.5 Yard Bucket.

GRAIN TRAILER

2006 Neville Built 34' Alum Grain Trailer, 2 Hoppers, 22.5-Virgin Tires w/Steel Wheels, Good Tarp.

COMBINES & HEADS

1991 Case IH 1640 2wd. 24.5-32 Drive Tires, Cummins Diesel Engine, Grain Loss Monitor, 3400 Hrs; 1978 Gleaner F2, Gas, Gear Drive, w/15' Rigid Head: Case IH 1020 15' Flex Head; JD 643 Low Tin, 6x30 Corn Head, Oil Bath; Hawkins 8-Row Corn Reel Off JD Head: Set

P&H Running Gears; Adams Stainless Steel Dry Fertilizer Spreader; Grain-O-Vator, 2 Compartment Feed Wagon, w/Walking Axle, Hyd Auger; IH 5500 13-Shank Chisel; IH 540 4x16 Semi Mount Plow; IH 45 18' Manual Fold Field Cultivator: AC 200 21' Field Cultivator; Crustbuster 25' Spring Tooth; Home Made Big Bale Trailer -Holds 4 Bales; Speed Spread Model 450 Fertilizer Spreader; AMCO TD21 18' Disk; JD 450 15' Rotary Hoe; Kent Dry Fertilizer Spreader; IH 800 6-30 Cyclo Planter Corn, Bean, Milo Drums, Monitor; IH 55 10-Shank Chisel; 3 Pt Bale Unroller; JD 8300 21-7 Drill, Single Disk; JD 7000 6-30 Planter, Insecticide Boxes, Computrac 100 Monitor; IH 30 Rear Mount Cultivator, 6-30/ Fenders; Clark RC Nh3 Applicator w/500 Gal Tank, 9-Shank 20" Spacing; IH 496 9"X24' Disk; JD HX15 15' Bat Wing Mower; Haybuster 107

Of Tires & Wheels; Several Ladders: Guardian Power 16 Sp Hd Drill Press; Assortment Of Air Bubbles; Several Sets Of Splitting Stands For Ih Tractors; Numerous 30 And 55 Gal Drums; Assortment Of Gates; Several Stock Tanks; Slide In Pu Stock Racks; Assortment Of Used Lumber; Rolls Of Woven Wire; Several Rolls Of Snow Fence; Several Glass Jars; Assortment Of Misc Iron: Assortment Of IH Rear Wheel Weights: 3 Pt PTO Concrete Mixer; (5) Poly Feed Bunks; Assortment Of T-Posts; Electric Concrete Mixer; (2) Hand Crank Wire Rollers; As-sortment Of Bale Feeders; (8) P&H Paddle Closers: 1000 Gal Poly Water Tank; (2) 165 ?? Gal Vertical Plastic Tanks; Gas Barrels & Stands; Set Of 8 Hesston Head Hunters; Set Of 6 Rolling Fenders; Milo Guards; (2) Sukup 3 Pt Quick Hitches; (2) Stocky Hog Feeders; Many Miscellaneous Parts On Trailers.

The Majority Of This Machinery Was Owned By Brothers Rex & Bernie Long, Lifetime Residents Of This Farm. Most All Equipment Has Always Been Shedded And In Very Good Shape. Inspection Will Be Available Wednesday Through Friday, Week Of Auction Or By Appointment By Calling Steve Porubsky. Restrooms & Lunch Will Be Available.

7x18 No Till Drill; 3 Pt 300 Gal

STEVE PORUBSKY, SELLER (785) 608-8811

Holtonlivestock.com

HARRIS AUCTION SERVICE · Holton, KS Dan Harris 785-364-7137 · Larry Harris 785-249-4236 Holton Livestock Exchange, Inc. 785-364-4114 Clerk & Cashiers: Jennifer Ingels, Cindy Grollmes, Blake Harris Page 16

Grass & Grain, March 8, 2016



HARMS

in·teg·ri·ty

: the quality of being honest and fair

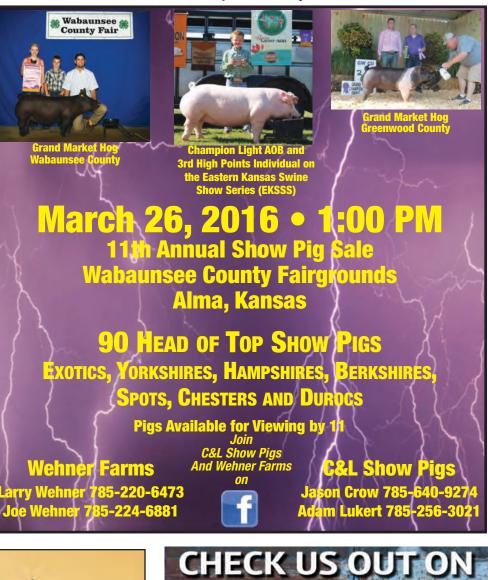
For more than 20 years Harms Plainview Ranch has focused on offering the highest quality seedstock to a dynamic beef industry. Built on trust, the success of our customers continues to be the greatest mark of achievement. We realize genetic selection is a critical decision. Our low pressure, private treaty method based on mutual respect and honesty assures you will make the right choice. Over 250 18- month- old Fall and Spring yearling bulls will sell exclusively by private treaty. We look forward to the opportunity to earn your business.

Sixth Circuit claims jurisdiction over Waters Of The U.S. rule

A three-judge panel of the U.S. Court of Appeals for the Sixth Circuit concluded on Monday that it has jurisdiction to review challenges to the "waters of the U.S." (WOTUS) rule issued by EPA / Corps of Engineers. Two of the three

judges on the panel concluded that sufficient jurisdictional precedent existed for the Sixth Circuit to hear the consolidated, initial challenges to the WOTUS rule, rather than individual District Court cases around the country. Over 20 separate challenges have been filed against the WOTUS rule by numerous states and business groups.

The Sixth Circuit's stay of the WOTUS rule, issued last year, will remain in effect.





AUCTION THURSDAY, MARCH 24 – 11:00 AM LOCATION: 1525 190th, MARION, KANSAS

DIRECTIONS: From Hillsboro, 4 miles East on 190th. OR from Marion 4 miles West on 190th.

AUCTIONEER'S NOTE: Jim Funk was known for the meticulous care he gave his farm & equipment. You'll find this machinery to be exceptional and EVERYTHING has been stored inside. TRACTORS/COMBINE

- 1995 John Deere 7400, Power Quad, 3Hyd, PTO, 3pt, 3303hrs,
- 18.4x38 Axle Duals, SN 03262 • 1962 John Deere 3010 Diesel, Syncro Range, 1Hyd, 3pt, PTO, SN 0346 with 46A based
- SN 2946 with 46A Loader • 1982 John Deere 6620, Turbo Diesel Engine, Hydro, RWA, Chopper, meter shows only 1501hours, SN 502570
- TRUCKS/TRAILERS • 1981 Chevy C60 Truck, V8 Engine, 5+2spd, 9.00-20 Tires, 96k



HARMS PLAINVIEW RANCH Your Partner In Progress

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2016 PRIVATE TREATY BULL SALE

Harms Plainview Ranch • Mark & Kim Harms & Family 2528 250th Street • Lincolnville, Kansas 66858 Office: (620) 924-5544 • Cell: (620) 382-6388 • hprbulls@tctelco.net www.HARMSRANCH.com miles with 16' all steel Bed & Hoist • 1955 Chevy 5100 Truck, V8, 4+2spd, 16' Bed & Hoist • EZ Trail Model 230 Gravity Wagon with Hyd Auger & Roll Over Tarp

7'x8' 2 Wheel Utility Trailer with ramp (NEW)

MACHINERY

John Deere 450 21 Hole Drill, 7 ½" Spacing, Double Disks, Dry Fertilizer • John Deere 7000 6 Row Planter • John Deere 215 16' Disk • IH 45 18' Vibra Shank Field Cultivator • IH 20' Field Cultivator, Manual Fold with levelers • John Deere 12' Wheel Rake • John Deere MX6, 6' 3pt Rotary Mower (near new) • John Deere RM, 3pt, 6 Row Cultivator • Big Ox 8', 3pt Blade • IH 535 3-16 Semi-mount Plow • Win-Power PTO Generator, 25KW on 2 Wheel Trailer • 2) 6" Hydraulic Drill Fill Augers, 7 1/2' & 14' • Bale Spear (Bucket Mount) • 12' Sweep Auger

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Kawasaki Bayou 220 2x4 Wheeler • John Deere 425 Riding Mower, All Wheel Steer, 20hp, 54" Cut with MC519 Bagger on 2 Wheel Trailer • John Deere Push Mower • 20 Gallon Lawn Sprayer on 2 Wheel Trailer, Gas Engine • Pull Behind & Push Lawn Seeders • 500 Gallon Propane Tank

SHOP/MISCELLANEOUS

Craftsman 33 Gallon 165PSI Air Compressor with hoses (near new) • Lincoln 225 AC Welder • Hydraulic Press • Drill Press • Propane Torch Set • Kerosene Space Heater • Electric Band Saw • Heat Buster, 1/2hp, 44" Portable Shop Fan • Stihl Chain Saw • Stihl Extendable Tree Chain Saw • Craftsman Gas Weeder • SK ½" Socket Set • Craftsman Open End Box End Wrenches • ¾" Socket Set • Metal Shop Table • Wood Shop Table with Bench Vise • Car Ramps • Cut-Off Saw • 70 Hole Wood Bolt Bin with Bolts & Misc Hardware • Misc Cases of Bolts, Screws, Nails, Etc • Hyd Jack • Hi-Lift Jack • 28' Alum Extension Ladder • Bar Clamps • Misc Hand Tools, Wrenches, Etc • Garden Tools • Air Bubble • Bars • Electric Cords • Stone Grinder with Electric Motor • Lots of Oils, Grease, Filters • Misc Machinery Parts & Supplies • Misc Shop Supplies & Tools • Animal Leg Traps • Hanson 160lb Cotton Scale • Old Roller Skates • 5 ½' T-Posts • Electric Posts.

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Grass & Grain, March 8, 2016



www.graccandgrain.com Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by go

We had a very active market for our sale Friday, March 4. All weights of steers & heifers were selling at fully steady to higher prices with the most advance on the lighter weight cattle. Several 1st calf heifer pairs were offered and they were finding good interest according to body condition & calf size. Cull cows and bulls sold steady.

1-800-834-1029

Toll-Free

450@190.00

STEERS - 275-550 LBS.					
Potter	3 Hereford	281@227.50			
Atchison	8 blk	446@227.50			
Green	4 blk	401@226.00			
Potter	12 Hereford	448@225.00			
Goff	20 blk	495@220.00			
Bonner Springs	4 blk	503@219.00			
Frankfort	3 bwf	513@218.00			
Auburn	7 xbred	492@218.00			
Tonganoxie	5 Simm	434@218.00			
Green	4 blk	476@218.00			
St. George	4 blk	531@216.00			
Wamego	3 blk	416@215.00			
Bonner Springs	9 blk	545@214.00			
Atchison	12 blk	517@213.00			
Potter	7 Hereford	379@212.00			
Potter	9 Hereford	513@198.50			
Williamsburg	STEERS — 550-1 , 4 blk	582@205.00			
Atchison	9 blk	571@200.00			
Goff	7 blk	574@200.00			
Green	9 blk	578@199.00			
Auburn	42 xbred	591@198.25			
Bonner Springs	12 blk	647@185.50			
Havensville	4 blk	628@185.00			
Williamsburg	9 blk	643@184.50			
Manhattan	6 blk	645@182.00			
St. George	9 blk	662@180.00			
Tonganoxie	3 blk	565@180.00			
Baldwin City	3 blk	643@180.00			
Auburn	14 xbred	687@178.50			
Potter	10 Hereford	607@172.00			
Blue Rapids	3 blk	696@172.00			
Pomona	10 Hereford	668@170.00			
Linn	4 blk	692@170.00			
Vermillion	3 blk	636@167.00			
Manhattan	12 blk	762@163.75			
Havensville	21 blk	725@162.50			
Havensville	8 xbred	706@161.00			
Blue Rapids	11 blk	772@158.00			
St. George	16 blk	805@155.50			
St. George	27 blk	810@154.75			
Frankfort	6 Hereford	751@153.00			
Potter	4 Hereford	727@150.00 550@150.00			
Auburn Auburn	4 xbred 14 xbred	850@148.75			
Baldwin City	3 blk	856@144.50			
Frankfort	39 mix	861@144.25			
St. George	3 blk	1048@129.50			
Dwight	3 xbred	628@129.00			
Dwight	3 xbred	555@119.00			
Dwight	0 XBICG	000 @ 110.00			
	CALVES - 350-5				
Frankfort	6 blk	396@204.00			
Potter	4 Hereford	358@193.00			
Atchison	9 blk	443@190.00			
Atchison	3 blk	423@190.00			

Bonner Springs 9 blk

		, , , ,
Bonner Springs	7 blk	670@160.75
Baldwin City	5 blk	684@157.50
,	25 blk	686@156.75
Linn		
Goff	13 bwf	711@156.50
St. George	6 blk	673@154.00
Manhattan	11 blk	713@151.25
St. George	11 blk	734@150.25
0		
Alma	3 blk	695@147.50
St. George	17 blk	725@147.00
Linn	52 xbred	756@146.85
Atchison	3 blk	681@145.00
Havensville	5 xbred	754@142.50
Vermillion	3 bwf	745@140.50
Osage City	8 blk	771@140.00
Manhattan	13 blk	848@140.00
Manhattan	14 blk	947@135.50
Mannattan		547 @ 105.50
		— 800-1,825 LBS.
Westmoreland	2 blk	857@137.50
Osage City	1 blk	790@137.00
Manhattan	1 blk	840@136.00
Emporia	3 bwf	861@133.00
Emporia	3 bwf	868@129.50
Bonner Springs	1 bwf	1020@129.00
Wamego	1 blk	890@128.50
Bonner Springs	1 bwf	955@128.00
Emporia	1 blk	825@127.50
Emporia	1 blk	930@124.00
Wamego	1 xbred	1215@117.00
St. George	1 blk	1285@115.00
	1 blk	1090@96.00
Emporia		
Centralia	1 blk	1270@95.00
Green	1 xbred	1080@89.50
Vermillion	1 blk	1150@89.00
Wamego	1 blk	1205@88.00
	1 blk	1465@86.00
Emporia		
Osage City	1 blk	1215@84.00
Osage City	1 xbred	970@83.00
Osage City	1 blk	1515@83.00
Emporia	1 blk	1270@82.50
Emporia	1 blk	1790@82.50
Osage City	1 xbred	1220@82.00
Osage City	1 blk	1315@82.00
Osage City	1 blk	1425@82.00
Emporia	1 blk	1330@81.50
Bonner Springs	1 blk	1810@81.50
Osage City	2 blk	1220@81.50
Onaga	1 xbred	1205@81.00
Centralia	1 blk	1650@81.00
Emporia	1 blk	1215@80.50
Osage City	1 blk	1170@80.50
Manhattan	1 blk	1365@80.00
Osage City	1 bwf	1250@80.00
Cottonwood Falls	1 bwf	1570@79.50
	1 blk	1205@79.50
Osage City		
Osage City	1 bwf	1435@79.50
Onaga	1 xbred	1345@79.00
Eudora	1 blk	1315@78.50
Westmoreland	1 blk	1280@78.00
Osage City	1 bwf	1435@78.00
Osage City	1 blk	1255@77.50
Manhattan	1 blk	1295@76.50
Soldier	1 xbred	1570@76.50
Rossville	1 Hereford	1550@76.00
Manhattan	1 blk	1505@75.00
Osage City	at tette	4470 075 00
	1 blk	1170@75.00
Osage Citv	1 blk 1 blk	975@75.00
Osage City Manhattan		

				ESDAY, MARCH 9 COW SAL
Manhattan	1 Holstein		@840.00H	12 Choice homeraised blk, OCV, re- placement quality hfrs, 725-775 lbs.
	EIN HEIFERS -	- 415-		550-700 lbs.
				30 blk strs & hfrs, 1 rd shots, weaned
Topeka	1 blk	5	@1800.00H	shots, 675-700 lbs.
Olsburg	6 blk	2	@2150.00H	quality hfrs, longtime weaned, 3 rds
Olsburg	6 blk	2	@2200.00H	
Olsburg	5 bwf	2	@2250.00H @2250.00H	40 homeraised Angus replacement
Marion Olsburg	9 blk 7 blk	2 2	@2550.00H @2300.00H	lbs.
Marion	8 blk	2	@2600.00H	broke, weaned, 90+ days, 700-900
Marion	9 blk	2	@2650.00H	50 blk strs & hfrs, 2 rds shots, bunk
Marion	9 blk	2	@2700.00H	
Junction City	16 blk	2	@2750.00H	50 black strs, 2 rds shots, 700-800 lb
Junction City	9 blk	2	@2900.00H	bulls, no implants, 700-750 lbs.
Marion	9 blk	2	@2900.00H	quality hfrs, sired by Nelson Angus
Junction City	9 Angus	ž	@3000.00H	70 homeraised Angus replacement
		Age		70 blk & Char X hfrs, 650-700 lbs.
	COW/CALF P	AIRS		
Osage City	1 blk		1905@76.00	grass condition, 600-625 lbs.
Bonner Sprin			2015@82.00	80 Choice blk & bwf hfrs, al shots,
Junction City			2340@85.50	500-600 lbs.
Frankfort	1 blk		2315@90.50	days weaned, 2 complete rds shots
Goff	1 blk		2320@91.00	80 Choice Blk, bwf strs & hfrs, 45
St. George Centralia	1 blk 1 blk		2020@94.50 1940@93.50	CONSIGNMENTS FOR MARCH 1

- Feb. 10 calves by side 40 Fancy Angus 2 yr old 1st calf OCV heifers w/Angus Conneally Comrad & Answer 71 AI sired Jan. 15th to Feb. 5th calves by side, heifers & calves all worked, ready to turn out 30 Choice Angus fall calving 1st calf (OCV) hfrs with/Sept.-Oct. Angus sired calves by side, exposed back to Angus bulls since Nov. 1, heifers & calves all worked
- 35 Big Fancy Angus 30 month old 1st calf hfrs w/Sept-Oct Angus sired calves by side. Heifers exposed back to Angus & Hereford bulls since Dec. 5. Heifers and calves all worked
- 30 Choice Angus 1st calf hfrs with AI sired Angus Feb. calves by side 16 blk Angus 1st calf hfrs bred to Hinkle & Gardiner Angus bulls for March thru April calving
- 15 Big Fancy Angus & bwf 1st calf hfrs, Rinkes, Hinkson & Dalebanks Genetics, with Jan. Al sired Angus calves by side, all shots, not castrated
- 15 Big Fancy gentle homeraised Angus Limo cross 1st calf hfrs with Angus sired 45 day old calves by side
- 10 Angus 1st calf (OCV) heifers with 30-day calves by side
- 6 blk Angus 1st calf heifers with calves by side
- 5 Purebred Angus 1st calf hfrs with Harms Final Answer Angus sired calves by side
- 5 Angus X 2 yr old 1st calf OCV heifers w/Angus Conneally Comrad AI sired calves by side, heifers & calves all worked, ready to turn out 3 bwf 1st calf heifers with January calves by side

80 Big Fancy blk, bwf 1st calf heifers, AI bred to LBW Mill Creek Angus bulls, due to calve late March

70 Montana origin Angus cows, 3-6 yrs, bred to Eaton Ranch LBW Char bulls due to start calving March 15, cows have had all breeding shots/poured

Auburn Green Frankfort Spring Hill Goff	9 blk 16 xbred 5 blk 3 bwf 6 blk 10 blk	450@190.00 501@189.00 450@188.00 496@187.00 465@187.00 498@183.00	Frankfort Manhattan BUL Emporia	1 blk 1 blk LS — 1,225-2,3 2 blk	1065@74.00 1535@74.00 50 LBS. 1370@110.50	29 blk cows, 6-7 yrs with Red Angus sired young to 350 lb. calves 23 Herf cows, 3-5 yrs, bred to Dalebanks Angus bull for May 15 to June 3 calv- ing 20 blk & Red Angus 2nd calf cows with Jan. calves by side, calves all worked
Spring Hill St. George Atchison Potter	12 blk 9 blk 6 blk 7 Hereford	522@182.50 485@181.00 443@176.00 439@169.50	Maple Hill Frankfort Osage City Frankfort Soldier	1 blk 1 blk 1 Char 1 blk 1 xbred	1240@105.00 1360@101.00 1965@96.00 2010@96.00 1730@95.00	20 Choice older homeraised Hereford cows, bred to Hereford bull for March- April calves 12 Herf 1st calf hfrs, bred to calving ease WF bull for May 15 to June 30 calving
FEEDER Bonner Springs Goff Auburn	HEIFERS — 550- 8 blk 8 blk 15 blk	950 LBS. 561@179.00 578@172.00 614@168.50	CONSIGN 29 Choice h	MENTS FOI	R MARCH 25: Angus, OCV,	12 Herf cows (3 yrs) bred to Dalebanks Angus bull for Aug. 15 to Nov. 1 calving 9 homeraised blk cows, 3 yrs to older, with Nov-Dec. Simm-Angus calves by side, cows exposed back to SimmAngus bulls since Nov. 24th 8 homeraised blk cows, 7-9 yrs with 2 week to 30-day old Angus calves by side
Manhattan Auburn Goff St. George Williamsburg	7 blk 5 xbred 5 blk 23 blk 3 blk	594@167.50 580@167.50 590@167.00 630@166.00 583@165.00	Angus Fir Aug/Sept. 15 homerai		on for late	 4 Angus cows, 3 years, with Angus sired Jan. calves by side 4 Blk Angus cows, 3 years, with 2nd calf by side 4 Registered Angus LBW Protege & Bismark bulls, 12-13 months, semen tested, all shots, poured, 1200-1300 lbs.
Atchison St. George Williamsburg Spring Hill Council Grove St. George	5 blk 6 blk 8 blk 6 blk 4 xbred 11 xbred	603@164.00 628@164.00 661@163.50 610@163.00 572@161.00 610@161.00	LBW Angl calves	us buils for S us Final Proc		 3 Angus fall calving 1st & 2nd calf hfrs, 2 to 3, wth big fall Angus calves by side, hfrs & calves all worked 2 blk heifers, 4 yrs old, bred Angus 5-6 months 2 blk cows, SS with 1 month Angus calves by side

★ SPECIAL STOCK COW & BRED HEIFER SALE, WEDNESDAYS STARTING AT 11:00 AM,

 \star March 9 \star April 6 \star April 27 \star

VISIT US ON THE WEB FOR DAILY CONSIGNMENT UPDATES AT WWW.MCCLIVESTOCK.COM

----- FIELD REPRESENTATIVES ------

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Cell: 785-532-8381	Cell: 620-382-7502	Cell: 785-587-7824	Cell: 785-410-5011	Home: 785-770-2622	Cell: 785-633-4610	Cell: 785-556-1422	Cell: 785-562-6807	Cell: 785-447-0456	



Grass & Grain, March 8, 2016



This week we will have the March supply and demand report, which probably won't have any marketmoving changes. The best hope for something friendly would be an increase in the

corn export estimate. The estimate probably won't be changed this month, but at least the sales have been at a strong enough pace that USDA will probably have to make an adjustment at

some point in the future. Wheat export sales have been adequate considering the low expectation, but not nearly good enough to warrant any kind of increase in the export estimate. There



may very well be no changes at all to the U.S. supply and demand numbers.

As for the soybeans, we have seen several tweaks on the demand side of the equation lately and there is a good chance that there won't be any changes this time around. It will be interesting to see if soybean oil stocks shrink and it will be interesting to see if there is an increase in the world production estimate, but I don't see much excitement in the U.S. numbers.

The big excitement will come at the end of the month with the Quarterly Stocks report and the Prospective Plantings report. Those reports tend to have some market-moving information. The key will be if the acreage figures are in agreement with the Outlook Conference numbers. The big question will be whether or not farmers will want to plant more corn acres considering the costs involved, or if they will switch to crops with lower input costs.

The grain markets themselves had a pretty decent week. The corn was the weakest of the bunch, but

OPEN

Saturday:

9 AM-6 PM

did have a nice close on Friday and we are beginning to see short-term technical indicators turn up. The wheat posted solid gains and the July KW stalled out just below the 50-day moving average. The \$4.80 level is proving to be very strong resistance and a move through that level next week would give the charts a bullish tilt despite the negative fundamentals.

The sovbeans had enough strength to close back above the 50-day moving average and that market looks like it is headed back to the top of the trading range near the \$8.95 level. Also, the soybean oil, which took a dip in the middle of the week, finished strong and back above the 50-day moving average as well.

Live cattle and feeder cattle futures were choppy this week. The April live cattle made a good pull back and look like they may be ready for another leg higher. Boxed beef is firming, the Choice-Select spread is starting to widen, and carcass weights are falling, all of which are supportive to the live cattle market. Right now I am looking for the April live cattle to move up to the \$145 level.

In the feeder cattle the 50-day moving average is acting as support in the March feeders and resistance in the August contract. If the April live cattle make the move I am expecting, we will see the August feeder cattle move up to the \$165 level, at which point you should be ready to be short the cattle market.

Schwieterman Marketing, L.L.C. specializes in risk management and cash grain and livestock marketing plans. For information on the markets or our marketing service you can contact Bret Crotts at 888-437-9131 or bret@swbell.net.

The information contained herein is based on data obtained from recognized statistical services and other sources believed to be reliable. However, we have not verified such information and we do not make any representations as to the accuracy or completeness. Past results are not necessarily indicative of future results. All statements contained herein are current opinions, which are subject to change. The risk of loss in trading commodity future contracts is substantial. You should therefore carefully consider whether such trading is suitable for you in light of your financial condition. Neither the information, nor any opinion expressed shall be construed as an offer to buy or sell any futures or options on futures contracts.

SATURDAY, MARCH 19 - 11:00 AM 2 miles North of BÚRLINGTON, KS 66839, (1534 Hwy 75) TRACTOR & MACHINERY: 1983, #4450 JD tractor, hub duals 18.4R38 on 16" 10 bolt JD rims, good condition, w/newer #740 self-level loader w/joy stick controls; 1995, JD #535 lg rd baler, new belts & bearings, good condition; JD #750 No Till Drill, new bearings, disks, closing & gauge wheels, good working condition; JD #8300, 16' drill; #269, New Holland Hayliner, wire tie baler; IH #45, 15 1/2' Vibra shank w/mulcher; 16' Krause center fold disk; 2-4 bottom, JD semi mounted plows; 14', JD pull chisel, good condition; 10' Bush hog, 3 pt, rotary mower; 2-JD side delivery rakes w/dolly wheels shop built 20'x 8' gooseneck flatbed trailer; misc portable panels

ers; 2-shop built 2 wheel trailers; gravity flow wagon; 5 Hp log split ter; 3 pt tractor sprayer; lg pile of scrap iron. **JEFF & BRENDA BLUMA-OWNER**

feed bunks; 6 poly feeders; few pcs salvage mach; pickup bed trail-

CONSIGNED: 1990, #2755, JD tractor, 6000 hrs, new tires, 16 sp trans, cab w/AC & heat, dual hydraulics, w/JD #620 loader, joy stick controls-very nice; Honda 4 trax 200 SX, 4 wheeler; JD 90's #275 disk mower: JD 90's. #260 disk mower w/new knives: 2 bale spears hay rings; pickup bed trailer; 13' Bush hog; #55 New Holland rake; 7 HD blade; hydraulic log splitter; ferris wheel hay loader.

JAMES & DONNA ERVIN-OWNER *Very few small items, so please be on time*. Lunch available. Not responsible for accidents, lost or stolen items. Terms: Cash. Good check w/photo ID. Credit Cards. See websites for pictures

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226 Acres +/- Dickinson County Land offered in 2 tracts THURSDAY, MARCH 17 — 7:00 PM Abilene Civic Center, 201 NW 2nd – ABILENE, KS Tract 1: E/2 of the NE/4 of Section 14-11-1E. 10 Ac. +/- farmstead not included, 63 acres +/- tillable, planted to wheat, 7 acres+/- wildlife habitat w/small pond. 56.79 base acres in ARC County. Wheat base: 46.2; Grain Sorghum base: 7.26; Soybean base: 3.33 Taxes \$862.62 on 70.4 taxable acres. Tract 2: SE/4 of 11-11-1E.

129 acres+/- tillable, (78 acres +/- in wheat). 24 acres +/- pasture, 2 acres +/- waterways. 115.31 base acres in ARC County. Wheat base: 93.8; Grain Sorghum base: 14.74; Sovbeans base: 6.77. Taxes \$1.845.78 on 155.5 taxable acres

Landlord's 1/3 of wheat goes to Buyer with Buyer reimbursing expenses on the wheat. Immediate possession on all spring ground and pasture! Announcements day of auction take precedence. HFR agents are Seller's agent.

For complete details call or visit the website! BRAD BUDDEN ~ AGENT ~ 785-280-0915





So many things I wanted to write about this week, but just returned from a friend's funeral and it has shifted my focus a little bit.

Command Sergeant Major Jack Elliott spent 42 years in official service to his country and the remainder of his 85 years on this earth serving unofficially. His efforts for the Museum of the Kansas National Guard at Forbes Field in Topeka have been crucial to that facility. Visiting with Adjutant General Lee Tafanelli, we agreed that Jack had the ability to make people feel important, like they were special. When the Chaplain asked all the Command Sergeant Majors and general officers to stand, there were more than two dozen who rose from their seats. Men like Don Ballard, recipient of the Medal of Honor, came to honor their friend. What an incredible tribute.

The most moving tribute, though, came from Jack's grandson, a student at Topeka High School and a member of the school's Jr. ROTC. He spoke so lovingly of the man who raised him. He

spoke of how the state was going to take him from his mother and put him in foster care when Jack and his late wife, Betty, already long past retirement age, took him in. He listed all the things Jack had taught him, not by talking, but by living. This young man received a well-deserved standing ovation.

I glanced around and estimated half of the attendees must have been veterans, some of whom I knew, and I knew some of their stories. I felt humbled, truly, to count so many of them as my

For more years than I can remember. on Memorial weekend, Jack and our friend, Dale Vaughn, drove hundreds of miles to mark the graves of hundreds of Civil War veterans with flags and flowers. He was teaching a new generation to do the same.

He has asked that in lieu of flowers, memorials be made to the Museum of the Kansas National Guard, an entity that many of us often referred to as "Jack's Museum." I hope that if you find yourself in Topeka you will honor Jack's memory, and that of all of our Guardsmen, by visiting. It will enrich your life.

Godspeed, Jack. We will miss you.

I was privileged to spend time in the company of another veteran over the weekend, Dr. Jake's dad, John Bauer of Utica. We rode up to Castle Rock and then went to the Wertz Street Social Emporium in Utica for supper with family and friends (Mark Bauer cooks an awesome steak!).

John arrived in Europe just in time for the Battle of the Bulge. Unlike my friend Jack, John came back to Kansas and made a life outside the service. Much like Jack, though, the commitment to country and family defined his life. He was a first generation American, the son of a Russian emigrant. His life has been rich in every way that counts. As we were driving, he pointed out the place where his late wife was raised.

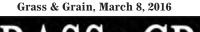
"That's where my Honey was from," he said, and it made me think of Jack and how he talked of Betty.

These two men exhibited lives of great love, great service, and great devotion. They really are the great-

est generation. Deb Goodrich is the co-host

the Wednesday feature of Agam in Kansas. Like us on Facebook and visit Around-Kansas.com for archived episodes. For story ideas or advertising, contact Deb at author.debgoodrich@gmail.com.

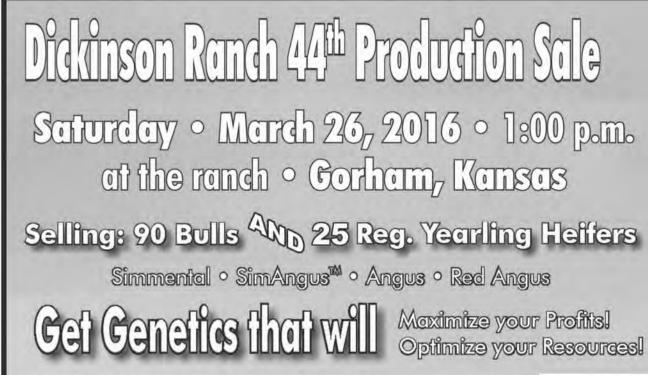
of Around Kansas TV Show,











 Smaller framed, big-ribbed cattle with optimum milk production that can function on your available forage with little or no supplemental hay or grains.

. Genetics from a cow herd that is required to calve on the open range, even first calf heifers. · Genetics from a cow herd where there are no "free passes". She must calve and rebreed on



Page 19

friends.

LAND LOCATION: From Leon, North on Bluestem Rd 4 miles, East 3 miles on SE 50th TRACT 2: 40.4 acres native pasture, blacktop frontage, great building site LAND LOCATION: North of HWY 400 on Haverhill Rd 8 1/2 miles

shed Lake, Creek, Timber, Sorting Pen.

THURSDAY. MARCH 24 — 6:00 PM

AUCTION LOCÁTION: EL DORADO CIVIC CENTER, 201 E CENTRAL - EL DORADO KS TRACT 1: 640+/- acres Flint Hills Pasture, large portion of Water-

> WWW.SUNDGREN.COM SUNDGREN REALTY INC. * LAND BROKERS JOE SUNDGREN, BROKER 316-377-7112 JEREMY SUNDGREN 316-377-0013 RICK REMSBERG 316-322-5391



Oak Table/4 Chairs, Marble Top Parlor Table, Rocker Recliner, Corner Cabinet, Flat Screen TV, TV Stand, Leather Recliner, Library Table, Gun Cabinet, Polar Water Dispenser, Upright Deep Freeze, Kerosene Lamps, Antique Kitchen Clock, Cookie Jars, Pots, Pans, Sm. Appls., Misc. Dishes, Metal Wardrobes, Apple Peeler, Ginny Lind



Sgl. Bed, Vanity, Trunks, Old Tovs.



TRACTOR, TOOLS & MISC. Massey-Ferguson 175 Diesel, Bale Fork, 3 Point Seeder/Spreader Roto-Tiller (Like New), Weed Eaters, Upright Air Compressor & Other, Air Bubble, Grain Augers, Mower Lift, 7' Blade, 6' X 8' Tilt Trailer, Miller Thunderbolt Welder Millermatic 180 Wire Feed Welder Hobart Handler 187 Welder, Weld

ing Tables, Acetylene Bottles & Torches, Drill Press, Radial Arm Saw, Pedestal Grinder, Parts Washer, Shop Lights, Shop Fans

Shop Vac, Kerosene Shop Heater, Power Washer. Sprav Tanks, Anvil, Chain Saws (Nice), Mite Saw, Chop Saw, Chain Saw Sharpener, John Deere Battery Charger, Misc. Power Tools, Work Cabinet, Stack Tool Boxes, Parts Cart, Floor Jacks, Calf Puller, Fishing Poles & Access, Gas Tanks, Wheel Barrow, Fence Posts, Cream Cans, Ladders, Barrels, Hoists, Truck Tool Box, Chicken Hauler, Feeders, Chicken Nests, Wagon Wheels. Other Articles Too Numerous to Mention.

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grass with no human help. No excuses. No pets!

 Genetics from a cow herd that stress longevity. 13-15 year old cows still raising calves on minimal inputs. These are genetics from proven females not from over-pampered flush cows that may have only had 1 or 2 natural calves.

Genetics from low input females that are also proven for carcass traits and value.

Big ribeye bulls with above average marbling and tenderness.

· Genetics from a herd that has for 40 years selected for feedlot gain and feed conversion.



Page 20

Grass & Grain, March 8, 2016 Kansas Hay Market Report

Hay trade activity remains slow, with spots moderate. Demand remains light to moderate for all hay types. Prices remain steady. Hay usage is about the same as a year ago, but with plentiful supplies and lack of demand, markets have remained soft. If you have hay for sale, pasture to rent or need hay and/or grazing, use the services of the Hay and Pasture Exchange: www.kfb.org/commodities/haypasture /index.html

Southwest Kansas

Dairy .05/point RFV lower, grinding alfalfa steady, with movement slow. Alfalfa: Horse, small squares 215.00-250.00. Dairy, .85-1.00/point RFV, Supreme 165.00-185.00, Premium 160.00-170.00, Good 140.00-160.00. Stock or Dry Cow alfalfa 80.00-100.00. Fair/Good grinding alfalfa 70.00-85.00, Ground and delivered locally to feedlots and dairies 100.00-125.00. The week of 2/22-2/26, 9,294T of grinding alfalfa and 426T of dairy alfalfa were delivered. Straw, good, 3x4 bales 60.00-65.00 delivered locally. Corn stalks, ground and delivered 80.00-85.00. Oat hay 70.00-80.00. Cane or BMR Sudan, none reported.

 19th Annual April Valley Farms Performance-Tested Angus Bull & Female Sale Sunday, March 20, 2016
 St. Joseph Stockyards, St. Joseph, MO
 Complimentary Lunch Served at Noon • Sale at 1 PM SELLING: 80 FALL & SPRING YEARLING BULLS, 20 COW/CALF PAIRS, 25 BRED & OPEN HEIFERS
 Wirk Ster Sars Site: SAV Bismarck 5682 Bv.2, WH42, WH18, Mik-22, MB+36, Ret-1:2
 Fature Site: SAV Bismarck 5682, SAV Brilliance 8077, SAV Perfection 1891, SAV Resource 1441, SAV Thunderbird 9061 and VDAR Really Windy 4097.
 Edmund J. Theis, Jr. Mark Theis
 And Sanson Annual April Valley Information 2005
 Complimentary Lunch Served at Noon • Sale at 1 PM Selection 1991, SAV Resource 1441, SAV Funderbird 9061 and VDAR Really Windy 4097.

Larry Theis • Jerry Theis 18432 Mt. Olivet Road Leavenworth, KS 66048

Jerry (913) 683-0775 Larry (913) 775-2130 Edmund (913) 682-4376 Fax (913) 682-8978

 South Central Kansas

Dairy, grinding alfalfa and alfalfa pellets steady, movement moderate. Alfalfa: Dairy, Supreme 190.00-200.00, Premium 160.00-180.00, Good 140.00-160.00. Fair/Good grinding alfalfa 75.00-85.00, 95.00-100.00 delivered locally, Utility/Fair 70.00-75.00, Ground and delivered locally to feedlots 105.00-120.00, mostly 115.00. The week of 2/22-2/26, 3,760T of grinding alfalfa and 1,568T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 145.00-155.00, 17 pct protein 165.00-170.00, Dehydrated 17 pct 235.00. Oat hay, good, large bales 60.00-65.00. Cane or BMR Sudan, good, large bales 50.00-60.00.

Southeast Kansas

Alfalfa, brome, prairie hay steady, movement slow. Alfalfa: Horse or Goat, mid squares 285.00. Dairy and Stock Cow .80 to 1.00/point RFV. Small squares 265.00, Good grinding alfalfa 80.00-85.00 at the edge of the field. Bluestem: Small squares 95.00-110.00, 125.00-135.00 delivered locally. Good, mid squares 75.00-85.00, Large squares 75.00-90.00, Large rounds 70.00-80.00, Fair 50.00-60.00. Brome: Good, mid and large squares 95.00-110.00, Large rounds 60.00-70.00, Fair 50.00-60.00, Straw mid squares 60.00-70.00. Grass Mulch, large rounds 40.00-45.00.

Northwest Kansas

Dairy steady, grinding alfalfa steady. Movement slow. Alfalfa: Horse/Goat small squares 225.00-275.00 delivered locally. Dairy, Premium/Supreme .90-1.00/point RFV. Stock cow, fair/good 100.00-120.00, Good, large rounds 80.00-90.00, Fair, grinding alfalfa 65.00-85.00, Ground and delivered locally to feedlots and dairies 100.00-120.00.

LAND AUCTION SATURDAY, MARCH 12 – 10:00 AM Linn American Legion, LINN, KANSAS

TRACT 1: 120 acres M/L of generally flat tract which lays well and has approximately 92% in crop production. Approx. 3 acre area with a windbreak, water well, loafing shed, excellent quality catch pen with a "lime hardened" base. Located 6 miles west and 4 miles south of Washington Ks on a good gravel road.

TRACT 2: 160 Acres M/L gently rolling tract considered prime farm land with approx. 89% in crop production. Two ponds. Located 9 miles west and 4 miles south of Washington KS at the corner of Heritage and 13th Rd.

Listing Agent's Notes: These farms have highly productive soils and a high percentage of cropland. Both tracts are wellcared-for, pride of ownership is evident. These parcels would make an excellent investment or a great addition to an existing farming operation. Contact me directly with any questions. Mark Uhlik - Broker - (785) 325-2740.

KEVIN & REBECCA HOLSCH, SELLERS See last week's Grass & Grain's for complete details or see our website!

and Home

Mark Uhlik Broker/Auctioneer 785-325-2740

www.MidwestLandandHome.com

Midwest Land

North Central-Northeast Kansas

Dairy .10/point RFV lower, grinding alfalfa, prairie hay and brome steady. Movement steady. Alfalfa: Dairy .80-1.00/point RFV, Supreme 175.00-210.00, Premium 160.00-180.00, Good 140.00-150.00. Stock Cow, good 100.00-120.00. Fair/Good, grinding alfalfa 70.00-80.00, Utility/Fair, Large rounds 55.00-60.00, Ground and delivered 105.00-120.00. Grass hay: Bluestem, none reported. Brome: Good, small squares 7.00/bale, 120.00-145.00/T, mid squares 100.00-120.00, good, large rounds 25.00-50.00/bale, 60.00-70.00/T, mostly 60.00, Fair 50.00-60.00. Straw, good, small squares 4.00/bale or 5.00/ bale delivered, large square bales 60.00-80.00/T, and large rounds 60.00-75.00. Sudan, good large rounds 60.00-65.00.

***Prices are dollars per ton and FOB unless otherwise noted. Dairy alfalfa prices are for mid and large squares unless otherwise noted. Horse hay is in small squares unless otherwise noted. Prices are from the most recent sales.

*CWF Certified Weed Free

*RFV calculated using the Wis/Minn formula.

**TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage).

Source: Kansas Department of Agriculture - Manhattan, KS Kim Nettleton 785 564-6709 Posted to the Internet: www.ams.usda.gov/mnreports/DC_GR310.txt

KCA annual scholarship application deadline is March 31

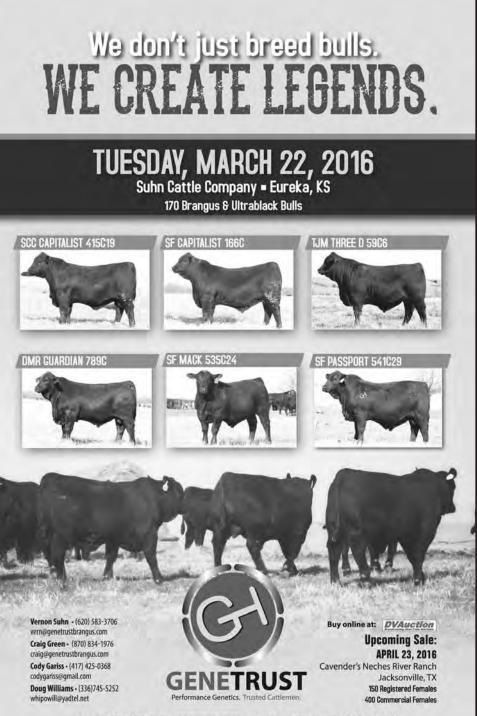
Applications for the Kansas Cattlemen's Association and GoBob Pipe and Steel Scholarship must be postmarked by March 31, 2016. All students seeking undergraduate degrees and certifications are eligible to apply for the scholarship.

As a "for producers, by producers" organization, KCA offers education scholarship programs designed to give back to the communities that support KCA and the independent cattle producer. Funding for these programs is made possible by contributions from KCA partnering organizations, membership donations, and regional meeting support.

Full details of the Scholarship program and applications can be accessed at www.kansascattlemen.com. Additionally, those interested in applying may email cowsrus@kansascattlemen. com for an application or call the KCA offices at 785-238-1483.

Scholarship recipients will be selected by the KCA Board of Directors and be announced in the summer of 2016.





12:30 PM • BELOIT, KANSAS MITCHELL COUNTY FAIRGROUNDS

OVER 250 BULLS AND HEIFERS ON TEST SELLING THE TOP 115 BULLS AND 15 HEIFERS

Breeds Represented ANGUS • RED ANGUS • CHAROLAIS HEREFORD • SIMMENTAL • SIM SOLUTION GELBVIEH • LIMOUSIN • LIMFLEX

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Grass & Grain, March 8, 2016 Page 21 Kansas Ag Month kicks off with statewide food drive campaign

The Neighbor to Neighbor statewide food drive kicked off Kansas Agriculture Month on March 2 in support of our neighbors in need and to reduce hunger in Kansas communities. Harvesters–The Community Food Bank in Topeka, hosted state leaders, including Gov. Sam Brownback, representatives of the food banks of Kansas, Dillon's Food Stores employees and members of the Kansas agriculture community.

The food drive is a collaborative effort by the Kansas Department of Agri-Dillons Food culture. Harvesters-The Stores. Community Food Network, Kansas Food Bank, Second Harvest Community Food Bank and the Kansas agriculture community. The goal is to raise 75,000 meals for Kansas families during the food drive throughout the month of March. Kansans can contribute to the campaign at Dillon's Food Stores statewide, at other community locations across the state or through the virtual donation portal, http://

ksn2n.harvestersvfd.org.

Gov. Brownback signed a proclamation declaring March as Kansas Agriculture Month and March 15 as Kansas Agriculture Day. He also stressed the importance of serving our neighbors in need as well as educating all Kansans about how the food they eat transitions from farm to fork. "Kansans have always

pitched in to help their neighbors," said the Governor. "This is a strong part-

nil "CAn 1b0

Gov. Sam Brownback presents a proclamation declaring March as Kansas Agriculture Month and March 15 as Kansas Agriculture Day to state FFA officers Gabryelle Gilliam, Washington, and Kyler Langvardt, Chapman.

nership built on our heritage of helping our fellow Kansans and supporting our

> ture to the state of Kansas and thanked the food banks for their service to our state. Staff from the three food banks, representatives from Dillon's Food Stores, Kansas FFA officers and representatives from the Kansas Department of Agriculture and other state agencies and agriculture organizations then joined together to pack boxes of food to be distributed to Kansans in need.

local communities."

Gov. Brownback recog-

nized the value of agricul-

"At Dillon's, our number one community priority is to help bring food and hope to those living with less," said Lowrie, Dillons Sheila Stores spokeswoman.

NJECTION

URBU, INC.

901 N.E. HWY. 24, SUITE 101, TOPEKA, KS 66617

785-233-4535/800-234-0719

FAX 785-233-6943

CK SHOW PIGS ANNUAL SALE

Saturday, March 26, 2016

Leavenworth County Fairgrounds

TONGANOXIE, KANSAS

and

"That's what makes the Neighbor to Neighbor Kansas Food Campaign especially meaningful for us. We are proud to continue this commitment with the wonderful support of our local food banks and the generosity of our Dillon's customers and associates throughout our stores in Kansas." Dillon's Food Stores made an initial donation of 6,500 pounds of nonperishable food items at the kickoff event.

To learn more about the Neighbor to Neighbor statewide food drive and ways to participate in Kansas Agriculture Month, visit www.agriculture.ks. gov/ksagdav.

• DIESEL FUEL INJECTION

THE DIESEL SPECIALISTS

Viewing starts at Noon

• Sale starts at 1 p.m.

TURBO CHARGERS

SALES & SERVICE

Severe Weather Awareness Week is March 14-18

Old Man Winter may be heading for the door - although he may decide to hang around for a while longer; after all, this is Kansas. But even when he is gone. Kansans will still have to contend with Mother Nature and her annual "In like a lion" arrival that heralds severe weather season. bringing with it the potential for tornadoes, severe thunderstorms, high winds, hail, and flooding.

To remind Kansans to be prepared, Gov. Sam Brownback signed a proclamation Friday, Feb. 26 in the governor's ceremonial office at the Kansas Statehouse designating March 14-18 as Severe Weather Awareness Week in Kansas.

During the week, the Kansas Division of Emergency Management will urge Kansans to check their emergency kit supplies for their home, office and vehicle, and review their emergency plans to make sure

they are prepared for whatever severe weather is thrown our way.

"It doesn't take a lot of time or a lot of money to ensure you and your family are prepared," said Angee Morgan, KDEM deputy director. "If you don't already have an emergency kit, start now by buying a few extra batteries and high-energy snacks during your weekly shopping. Throw a change of clothes, an old pair of glasses and a pair of shoes in your kit. "Check your first aid kit and make sure it's complete and up-to-date." she added. "Doing a little bit each week makes it easier to prepare for unexpected events, particularly when you get the entire family involved in gathering the supplies and making an emergency plan.

"If you don't have a specially constructed storm shelter or a basement, do vou know where the safest place in your home is? Do

vou know how to safely shut off the gas or electricity? If you become separated, do you have a meeting area? How will you communicate with family members who may not be at home when a disaster hits or your loved ones who will be wondering about your safety? These are the things you will need to think about when making vour plan."

Morgan said more information on emergency preparedness and building an emergency kit can be found online at www.ksready.gov.

Kansans are also urged to take part in the statewide tornado safety drill Tuesday, March 15, at 6:30 p.m. across most of the state; Atchison, Doniphan, Johnson, Leavenworth, Linn, Miami and Wyandotte Counties will conduct their drill at 1:30 p.m. If severe weather is imminent for a community, the tornado drill will be cancelled for that community

According to the National Weather Service, the first tornado of 2015 occurred April 2 in Labette County and the last tornado was on Nov. 16. Last year, there were 33 days with more than one tornado reported. The most tornadoes reported in one day was 22. In all, there were 126

confirmed tornadoes in the state last year, 85 more than hit the state in 2014. On average, Kansas experiences 96 tornadoes a vear.

Lincolnville, 1 bwf 1230@92.50

1210@92.50

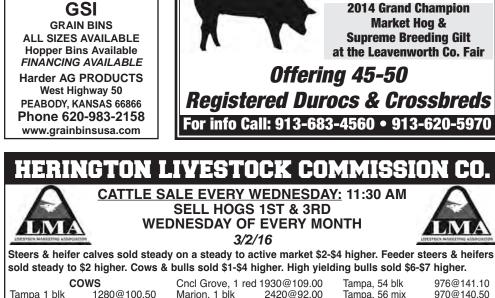
1170@90.00

1230@83.50

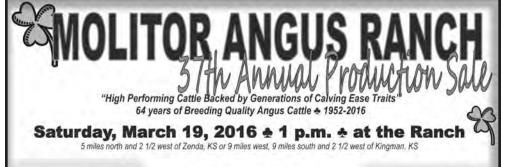
Lincolnville, 1 blk

Lincolnville, 1 blk

Cncil Grove. 1 blk



Wilsev, 1 blk



Marion, 1 blk 2420@92.00 Herington, 1 blk 2300@91.00 STEERS 310@231.00 Delavan, 1 red

345@222.00

970@140.50 Tampa, 56 mix 982@140.00 Ramona, 55 mix HEIFERS White City, 16 bwf 556@183.00 Herington, 2 char 508@182.00

LIMA

976@141.10



EF Complement 8088

Reg # 16198796

BW - 1 WW +63 YW +118 Milk +26 Marb +.76 RE +.38 \$B +127.64

Selling: 10 sons

Jindra Double Vision

Reg # 16748826 BW +1.5 WW +66 YW +129 Milk +20

Marb +.66 RE +.42 SB +189.25

Molitor Danny 686-1138 - 6 sons

LD Iron Mountain 23 - 10 sons

Willekes Windy 326Z - 6 sons

HA Outside 3878 - 4 sons

Molitor Hoover Dam 008-112 - 6 sons HARB Efficient 819 - 8 sons

McCall Black Impression 2053 - 7 sons

Other Main Service Sires

120 Bulls Sell 60 Females Sell 40 Yearling Females & 20 Fall Calving Females

This year's sale will feature the first progeny that we have offered for sale by Basin Payweight 1682 (ABS). The female offering will be 40 fancy open replacement heifers from the heart of the herd. The majority of the 20 Fall Calving Females that sell will be bred to LD Emblazon 999 (ABS) and KG Solution 0018 (Genex).

Molitor Angus Ranch is a family operation located in south-central Kansas and received the CAB Seedstock Commitment to Excellence Award in 2014. We were very honored to except this award for our contribution to the Angus Breed.





KG Solution 0018 Reg # 16796888 BW-2.4 WW +69 YW +124 Milk +24 Marb +.47 RE +.74 \$B +156.56 Selling: 18 sons



LD Embazon 999 Reg # 16665803 BW +.3 WW +11 YW +123 Milk +16 Marb +.64 RE +1.05 \$B +176.76 Selling: 10 sons

Performance Calving Ease **High Carcass Traits Gentle Dispositions**

Mike Molito

(620) 243-6335

Fax (620) 243-7533

Cell (620) 243-3081

11558 S.W. 90th St.

Zenda, KS 67159

	1200 00.00	vviiocy, i bit	040@222.00	noningion, z onai	000@102.00
Tampa, 1 blk	1005@83.00	Elmdale, 4 blk	509@207.00	White City, 4 blk	506@181.00
Tampa, 1 blk	1060@82.50	Alta Vista, 5 mix	502@205.00	Alta Vista, 3 mix	380@181.00
Tampa, 1 blk	1150@80.50	White City, 3 bwf	452@200.00	Alta Vista, 3 blk	510@180.00
Tampa, 1 blk	1125@80.50	Lincolnville, 37 mix	572@194.25	Elmdale, 13 blk	555@174.00
Burdick, 1 bwf	1610@80.00	Alta Vista, 2 bwf	575@191.00	White City, 4 red	541@170.00
Tampa, 1 blk	1345@76.50	Marion, 10 mix	628@180.00	Elmdale, 10 blk	577@170.00
Tampa, 1 blk	1415@76.00	Lincolnville, 15 blk	684@169.50	Lincolnville, 18 mix	679@157.25
Tampa, 1 blk	1125@75.00	Elmdale, 8 blk	686@164.50	Elmdale, 13 blk	682@156.50
Tampa, 1 blk	1315@75.00	Herington, 17 mix	776@159.50	Marion, 13 blk	678@154.60
Marion, 1 blk	1390@75.00	Emporia, 16 mix	811@159.00	White City, 6 mix	728@151.50
Herington, 1 blk	1220@72.50	White City, 47 blk	817@152.75	White City, 7 mix	636@150.50
Tampa, 1 blk	1040@72.50	White City, 15 blk	771@152.50	White City, 49 blk	747@145.75
Lincolnville, 1 blk	1225@68.50	Ramona, 62 mix	808@152.10	Ash Flt, AR, 16 mx	769@142.25
Wilsey, 1 blk	1360@68.50	Ramona, 62 mix	803@150.00	Hillsboro, 16 mix	829@141.25
Marion, 1 bwf	1470@68.50	Ash Flat, AR, 21 mix	835@145.10	Lincolnville, 17 mix	803@140.85
Marion, 1 blk	1535@65.00	Florence, 12 mix	827@144.25	Ash Flt, AR, 37 mx	868@135.60
Lincolnville, 1 blk	1185@57.50	Hope, 60 mix	896@143.85	Wilsey, 6 mix	666@135.25
BULL	-	Hope, 60 mix	913@143.35		920@133.75
Wilsey, 2 blk	475@201.00	Hope, 62 mix	893@141.35	Hillsboro, 11 blk	934@131.75
Marion, 9 blk	859@143.50	Tampa, 59 mix	909@141.25		

EARLY CONSIGNMENTS FOR MARCH 9:

- 10 Red Angus steers and heifers, 450-600
- 14 mixed steers and heifers, 550-650
- 18 mixed steers and heifers, 450-600
- 25 blk steers and heifers, 500-550, all shots. weaned
- 45 blk Angus steers and heifers, 600-750, heifers calf hooded, shots, long time weaned

18 mixed steers and heifers, 700-800

- · 60 mixed steers, 850-875
- 57 mostly blk steers, 950-975
- 59 mixed steers, 925-950
- 62 mixed steers. 825-875
- 120 mixed steers, 950
- 18 mixed running age cows with 200-250 lb

calves at side

22 mixed steers and heifers, 300-400 MORE CATTLE BY SALE TIME!

Our Consignments can now be viewed after 12 Noon on Mondays by going to www.grassandgrain.com & logging onto the online Subscription.

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Bill Mathias, Manager • 785-258-0102 Gary Suderman - 913-837-6785 · Rick Parkerson - 620-767-2738 Bob Kickhaefer, Cell - 785-258-4188 • Dave Bures - 402-766-3743



PLUS MORE BY SALE TIME!

23 mix	Geneseo	742@162.75	54 mix	Great Bend	758@142.50
6 blk	Smolan	779@160.50	18 blk	Minneapolis	778@140.00
21 mix	Manhattan	782@160.35	14 mix	Minneapolis	831@139.00
12 blk	Delphos	750@160.00	9 blk	Carlton	836@139.00
11 blk	Salina	751@160.00	69 mix	Gypsum	804@139.00
58 blk	Salina	792@154.00		SOWS	
11 mix	Hutchinson	825@150.50	4 wht	Abilene	593@36.00
21 blk	Nickerson	827@150.25	1 wht	Abilene	590@36.00
62 mix	Hope	843@149.60	5 mix	Timken	617@36.00
64 blk	Hope	823@148.75	1 wht	Abilene	615@35.00
60 mix	Enterprise	834@147.75	1 blk	Abilene	600@33.50
66 mix	Assaria	843@147.50	1 wht	Abilene	555@32.50
57 blk	Salina	853@146.60		CALVES	5
18 blk	Great Bend	839@146.00	1 blk	Salina	135@550.00
16 mix	Geneseo	861@145.00	1 blk	Tampa	165@550.00
26 blk	Salina	901@143.50	1 blk	Salina	185@510.00

4 blk

Wilson

813@144.00

707@165.00

5 mix

Halstead

IN STOCK TODAY

 Heavy Duty Round Bale Feeders · 6'8" X 24' GOOSENECK STOCK TRAILER METAL TOP 7' X 36' GR Stock Trailer Metal Top 6'8" X 24' GR Stock Trailer Metal Top 6'8" X 24' GR Stock Trailer Metal Top

EARLY CONSIGNMENTS FOR TUESDAY, MARCH 15 COW SALE:

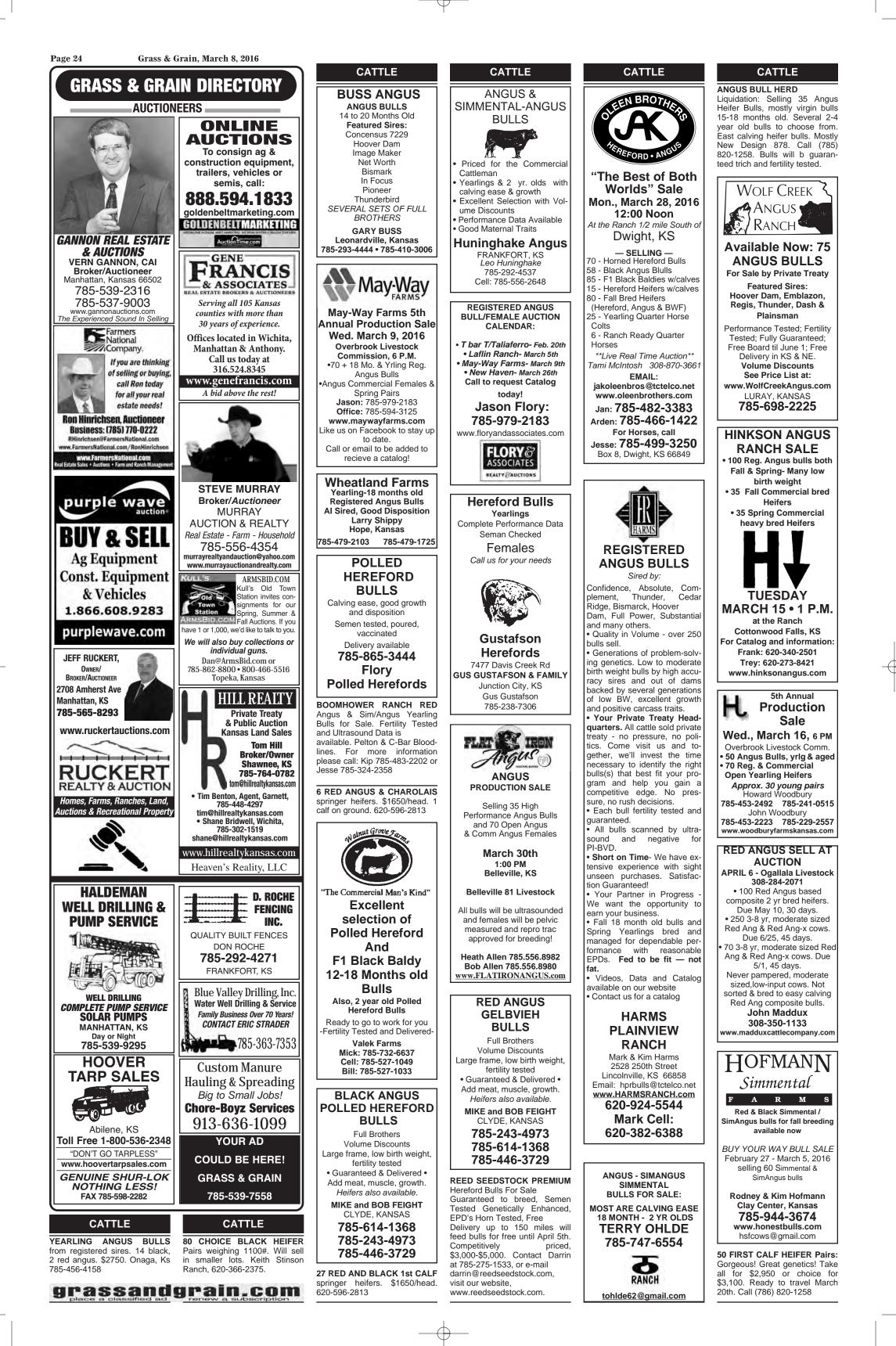
HEIFER PAIRS: 92 blk hfr pairs, OCHV'd, very fancy, 2 rds Scourguard, calves 45+ days, all AI sired by Dash, all calves born in 10 days; 40 blk/bwf hfr pairs, OCHV'd Angus sired, all either Al sired of BJ Angus or Green Garden Angus calves 30+ days, hfrs off Kendall Rathbun or Montana Origin; 40 blk hfr pairs, Gardiner Angus sired; 20 blk hfr pairs, homeraised or off one ranch in Wyoming, calves AI sired by Mill Creeks "Horizon". BRED HEIFERS: 40 blk hfrs bred to Gardiner Angus bulls. REPLACEMENT HEIFERS: 30 blk Angus hfrs, homeraised, OCHV'd, 725 lbs.; 64 blk hfrs, OCHV'd, all Bar S sired, 750 lbs.; 160 blk hfrs, OCHV'd, pelvic examined, 800 lbs.; 15 blk hfrs, homeraised, OCHV'd, pelvic measured, Harms & Johnson genetics, preg guard and poured; 117 blk/bwf hfrs, 850 lbs., OCHV'd, pelvic examined; 40 Red Angus hfrs, OCHV'd. COW/CALF PAIRS: 120 blk/red/wf cows, 3-5 yrs, bred blk or Char, fall calvers, Sept. 9; 70 blk/Red Angus cows, 4-6 yrs, bred blk Angus, spring calvers; 10 blk/red cows, 5 to solid mouth; 10 blk pairs, 7 yrs; 5 blk pairs, 3-5 yrs, January calves; 5 blk cows, 3-5 yrs, April calvers; 50 running age to older pairs; 80 Red Angus cows, 3 yrs, Northern origin, One Iron bred Red Angus, start March 1 for 45 days.

PLUS MORE BY SALE TIME!

For information or estimates, contact: Mike Samples, Sale Mgr., Cell Phone 785-826-7884 Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901 Check our listings each week on our website at www.fandrlive.com						
Jim Crowther 785-254-7385 Roxbury, KS	Lisa Long 620-553-2351 Ellsworth, KS	Cody Schafer 620-381-1050 Durham, KS	Kenny Briscoe 785-658-7386 Lincoln, KS	Kevin Henke H: 785-729-3473, C: 785- Agenda, KS	-565-3525	Austin Rathbun 785-531-0042 Ellsworth, KS
Cattle Sale Broadcast Live on www.cattleusa.com 1150 KSAL, Salina 6:45 AM –MON.FRI ****** 880 KRVN 8:40 AM – WEDTHURS. ******550AM KFRM - 8:00 am, WedThurs.						

				Grass & Grain, Mar	ch 8, 2016 Page 2
CLASSIFIED AD Although complete name your ad, we must have th Name:	DEADLINE IS 10:00 A.M e, address and phone number need his information for our records. Phone #:	. FRIDAY I not appear in P: Cost for Multiply want ad Run ad Categor DISCO	consecutive weeks	ch weeks you s. ders only) ks; h	ASSIFICATIONS GOAT SHEEP POULTRY ER TRAILERS EED MACHINERY TVE EMPLOYMENT ATE ANTIQUES S PASTURE ON WANTED ING PETS
		Card No. V-Coo 3 digi on the the si	le (required) last ts (see sample: 567) located back of your credit card on	COVER BUILDING BUILDING BINS - DR MOBILE H SPRAY EC	EK EQUIPMENT S-BUILDING MATERIALS YERS - VACS OMES QUIPMENT S OPPORTUNITIES
GRASS & GRAIN	<u>CALL:</u> 87 MAIL TO: A	Four Ways To 7-537-3816 TO G PRESS, Box 1	REI e notify us of any errors at o nsertion. EFUNDS! HONE: Ads not accompanie d, and discounts are not avail D Place Your Ad LL-FREE OR 785-55 009, Manhattan, Kan NLINE: www.grassand	d by payment have able. 39-7558 Isas 66505	
CATTLE Full & Female Sale SAT., MARCH 12 2016 MILL BRAE RANCH ark Nikkel, Managing Partner Maple Hill, Kansas 785-256-4327 millbraeranch.com	CATTLE Solution Friday, March18 ** 12:30 CST ** • 85 Age-Advantaged 18-20 month old bulls • 100 Stout Spring Yearlings + RA x SM • 20 fancy Fescue adapted Open Yearling Heifers Catalog & video available online: www.MushrushRedAngus.com	CATTLE Figh Quality High Quality Red Angus and Charolais Bulls in Quantity! Red Angus Sired by: Boxed Beef, Epic, Conquerd Sovereign, Anticipation, Mi sion Statement Charolais Sired by: All State, Bluegrass, Assertio An Extremely nice set of Fi 18-month old & Spring Yea ling bulls available.	or, S- n all	CATTLE CATTLE CONTINUE BJ Angus Genetics 15th Annual Sale Thursday, March 10th 12:30 PM at the Ranch Manhattan, KS 117 Bulls	CATTLE Sandhill Farms SANDHILL FARMS Hereford Production Sale April 1, 2016 • 1 PM At the farm • Haviland, KS Selling approx. • 120 Bulls • 20 Registered Cows w/ Heifer Calves • 50 Commercial Heifers











New Listing! 150 Ac +/- pasture with all new fences, good water @	493-2476			New Danuser post hole
Bennington Lake. Call Ray!	Saline Co Almost 1 Acre m/l.	TRAILERS		diggers, skid loader mounts
NEW! 80 Ac +/- all pasture S of Paxico. Prices to sell! Call Tim!	4 Bedroom home on blacktop.	INAILERS	Rocking "M"	\$2,500
58 Ac +/- mostly tillable w/wildlife habitat S of Ada on Salt Creek.	36x50 shop w/concrete &	97 JET 34' STEEL HOPPER	Trailer Sales	New brush grapples
Call Ray!	electricity. Chris, 493-2476	\$12,500. 785-479-2103 or	430 S. Colorado	New Bale Spears for big
New Price! 160 Ac +/- 4 mi N of Bennington. Pasture. Call Ray!	Gove Co 99 Acres, Could be	785-479-1725	Waterville, KS 66548	rounds and square\$650 NEW EQUIPMENT
New Price! 66 Ac +/- tillable just 3 miles E of McPherson. Call Ray!	horse ranch or small cattle op-		Office: 1-866-261-2526	
160 Ac +/- just NW of Talmage on 18 HWY about 1/2 pasture and	eration. 1 1/2 story home.	2012 Capri	Shawn: 785-562-6614	Enorossi 12 & 14 wheel
1/2 tillable, 2 ponds and a nice view. Call Ray!	Mark 826-3437	"Cowboy Camper"	Kelsie: 785-313-3233	hayrakes
120 Ac +/- just 4 mi NE of Salina. Pasture and tillable with a great	McPherson Co 5.5 Acres m/l	Excellent condition, used very	www.rockingmtrailers.com	Meyer's manure 350 sprds
view of Salina and the Saline River Valley! Call Ray!	potential for commerical or	little, Roof A/C	_	\$15,000
240 Ac +/- Geary Co. blacktop frontage 190 pasture w/new fences, 3	light industrial use. Chris	and Heat, large onboard water	1994 USED DONAHUE 7' X 20'	Cimmaron 6', 7', & 10' 3 pt. ro-
big springs and 2 new wells. 45 tillable. Close to town. Seller is a	493-2476.	tank with pump, electric water	Stock Trailer. 1-800-457-7406	tary mowers
Kansas licensed real estate agent. Call Ray!	Ellsworth Co Custom Ranch	heater, nice shower stall,		H&S GM170 grinder mixer
UPCOMING AUCTIONS	Home w/Walk Out Basement.	dinette, flat screen TV,	BOB'S	USED EQUIPMENT
	Detached Shop. 17 Acres. Call	Microwave oven, New 4-corner		Bush Hog 3710, 10' flex wing
March 8: Excellent Irritgated 1/4. New Circle, on the blacktop, 5 miles S. of Canton. Call Ray!	Chris 493-2476 Farm & Ranch Division Of:	jacks with anchor points, and	TRAILER SALES	rotary mower
March 17: Creek bottom 80 tillable and a mostly tillable 1/4 that sits		bed tie-downs. Asking \$4,100	Pomona, Kansas	1999 NH TV140 bi-directional,
across the road, 4 miles N. of Talmage. Call Brad!	COLDWELL	O.B.O.		w/ 7614 loader, 2700 hrs
March 29: Productive upland tillable 1/4 @ Clay/DK County line. Call	BANKER E		785-418-2227	2009 JD 620I Gator w/cab en-
Ray!	the second se	a Mantum The sea	Kevin:	closure
April 7: Part of the NE/4 22-2-6W and the E/2 of the NW/4 17-2-6W,	Antrim-Piper	and a second sec		Danhuser and Lowe posthole
Jewell Co. Excellent farmland currently in alfalfa just below Lovewell	Wenger Realtors®	the second se	785-241-4706	diggers
Reservious. Call Ray!	631 E Crawford Salina, KS		www.bobstrailersales.com	Kuhn 8132 manure spreader GB 660 loader CIH 5100 se-
	www.cbsalina.com		• 2016 Travalum 24' goose-	ries Maxum tractors
	1-800-276-3641		neck\$13,980	
HORIZON	0.2008 Coldwell Hunker Real Estaic LLC, All Rights Reserved. Coldwell Runker V: is a registered trademark Jugensed in Coldwell Bunker Real Estaig LLC. An Figual Opportunity Company Laural		• 2016 Travalum 24', alumi-	SENECA IMPL.CO.
TIONIZON	Banker Real Estate LLC Ar Equal Opportunity Company: Land Record Opportunity	Call for more info:	num Gooseneck\$14,200	Hwy. 36 West
and the second se		785-494-2472	• 2016 Circle D 24'\$8,775	SENECA, KANSAS
FARM & RANCH REALTY, LLC		Flint Hills RV Center, Inc.	• 2016 Circle D half nose,	Day785-336-2621
이 가지 않는 것 같아요. 이상 것 같아요. 이 것 같아요. 이 가지 않는 것 않는 것 같아요. 이 가지 않는 것 않는	REDUCED 199,900.00- RANCH		loaded 24'\$9,500	Night785-336-2502
RAY SWEARINGEN - BROKER/OWNER • Farms & Ranches • Auctions • Value	style 2BR- 2bath home with full	Trailers 4 U	• 2016 Elite 30' 10k axles	· ··g· ·····
Rural Homes Hunting Property Assessments	unfinished basement, 2 car ga- rage, 40x50 machine shed with	I I alici 5 4 U	\$7,500	
*Auctions * Private Treaty Sales * Value Assessments	other out buildings on 40 acres		• 2016 Elite 25', 2-7k axles	2002 JD 9500 COMBINE. 2700
For more info visit our website or contact one of our agents!	of pasture/spring fed pond. SW	785-292-4166	\$5,400	engine hrs. & 1900 separator
Ray Swearingen785-452-8498	of Alma on blacktop road. Con-	Frankfort, KS	2005 LOAD KING 35 TON cow-	hrs. Package also includes JD
Steve Burr	tact 785-220-1532 or	sterman .	boy hydraulic ramps, new brake	643 corn header & JD 925F 25'
Ty Bryant785-366-0261 Tim Hamm	785-220-1533 for more informa-	ERRITT TRAVALONG	shoes, good condition. \$17,750.	flex header. \$50,000. Jerry
Sheila Van Winkle785-280-3564 Rachelle Swearingen785-452-5115	tion.	www.trailers4u.com	785-979-2411	785-760-7542
Brian Swearingen785-565-3898				



/	MACHINERY	
E 440 3	OUR 64th YEAR	
500. 00 hrs.	NEW TRACTORS	
nrs new 773	2016 JD 6155M 2016 JD 3038E	
0. 209	2015 JD 1025R USED TRACTORS	
000. ng rod-	2012 JD 8335R	
eritage nevy 1/2	2011 JD 8335R 2008 JD 8130	60
00.	2005 JD 8220 2015 JD 7230R	VF
	2009 JD 7930 2007 JD 7730	70
h	2007JD 7430	R2
	2015 JD 6215R 2013 JD 6190R	60
(2)	USED PLANTERS 2014 JD 1790 16/32	5
/D /D	2013 JD 1770 NT 16 row	
30' VD	2008 JD 1770 NT 16 row 2005 JD 1760 12 row	4">
ex, 30',	COMBINES 2015 JD S670	1
D	2014 JD S660	4"> F
S S	2012 JD S660 2008 JD 9670	23
CVT	2014 JD 608C 2011 JD 608C	3/4
NFD NFD	2010 JD 608C	O×
MFD S	2005 JD 625F NEW EQUIPMENT	f We
340	SPECIALS 2013 JD 2623 disk	То
D	BBK Header Trailers 2016 JD 946 moco	E Tw
s	USED EQUIPMENT	Po 8
o, 31'	2015 JD 2510H dry 2014 JD 2510H	
70 disc	2011 JD 568 baler 2008 JD 568 baler	
31, disk	2007 JD 568 baler	
31 fert. 31	SOLID — STABLE STILL JD	FIE
RN. BF	(F)	plai
32 [′] , net		trai
e	TODD TRACTOR	201
Co	785-336-2138 Days	Pro too
)' blade	785-548-5855 Nights	Pne Tru
	Visit Us At toddtractor.com	Bea Rea
	Seneca, Kansas	785
URE	- USED IMPLEMENT -	*
inery ice, KS	1974 MF 165, gas, low hrs. Gehl 1870 rd. baler	
76	2014 Gleaner S77 combine	60
wa, KS	Hesston 946 rd. baler 2013 Gleaner S-77	66 R2
63	1998 Gleaner R72 Gleaner 8200 25' flex w/air	VF
	reel Gleaner 8200 30' w/air reel	BF
71 vco.com	Gleaner 800 30' flexhead	M
	Gleaner 400 30' rigid Gleaner 700 30' rigid	60
5 SKID has a	2003 MF 9690 w/30' head 2006 8000 25' flexhead	60 R2
rwise is fix and	AGCO ALLIS	M8 VF
349	WHITE EQUIP. GLEANER HESSTON	Ň
HEAD. 4	AGCO MF · GEHL DINON	
ondition.	Kuhlman Impl.	
ADE .	LINN, KANSAS	
	785-348-5547	
kes: 1 5; 1 hy-	FOR SALE: 2004 JD 1770 NT	
-, ,	16 row planter. Green star moni- tor, dual rate w/liquid fertilizer.	
,	Corn/Milo/SB plates, good shape, always shedded.	
27 81	\$37,500. 785-293-2031 or 293-2029	
· ·		

	Grass & Grain, March	h 8, 2016 Page
	MACHINERY	MACHINERY
2	Vermeer NEW 605N, 504N, 6650 Ranchers VR1428 & VR1224 rakes 7040 disc mower USED R2800, R2300, VR1428 & VR1224 rakes 605XL, 605L, 605J, 605F, 504F LARGER BALE FORKS AVAILABLE SPRING STEEL NEW STEEL 4"x8" 14 ga., 12 ga., 11 ga. & 1/4 sheet metal 4"x8" 14 ga. & 1/8" treadplate ROUND SQUARE TUBING ANGLE CHANNEL & FLAT	NEW VERSALTILE DEALERS USED FORAGE HARVESTERS & HEADS '11 Claas 960Comir '09 Claas 980 '05 Claas 900Ca '04 Claas 900Ca '04 Claas 900Ca Claas RU600, 8 row head
	23/8", 27/8", 41/2" & 6" pipe 3/4 & 7/8 sucker rods WELDING SUPPLIES Oxygen C125 & acet. Bottles for sale Welding rods & wire Top & bottom belts for all bal- ers Twine 4' & 5' netwrap Portable panels, Feed Bunks & Round Bale Feeders	02 Gleaner R72
	Forrest Johnson LEONARDVILLE, KS 66449 785-293-5583 785-293-2235 FIELD READY IHcbR 800 planter & GN 8x24 flat bed trailer, Call 785-485-2286	ALLIS WHITE AGCO MASSEY FERGUSON Kalvesta Impl.
R vs its	2011 CASE IH 1250 16r30 Pro600, \$58,000. Scales, Shark tooth openers, Liquid Fertilizer, Pneumatic down pressure, TrueCount clutches 2 rows, Bean, Corn, Milo Plates, Field Ready in Great Conditinon 785-456-9976	Company, Inc. 620-855-3567 KALVESTA, KS 67856 www.kalvestaimplement.cor
	*SCHEDULE WINTER	WE RENT TREE SHEARS BOBCATS - TRADE-INS 2014 Bobcst S750 A91 TS 10
;	MAINTENANCE* NEW EQUIPMENT 604 N Baler 6640 Rancher Baler R2300 rake VR1224	hrs\$54,00 2014 Bobcat S570 A91 TS, 2 hrs\$42,50 2014 Bobcat E50 CH&A 25 hrs\$64,00
v/air	BPX 9000 Bale Processor TE170 Tedder MC 3700 USED EQUIPMENT 605G baler 605M baler R2800 rake	2013 Bobcat S650 C, H, & S&C, 200 hrs\$43,00 2013 Bobcat S530, cab heat, 225 hrs\$36,00 2012 JD 5055E Open Platfor MFWD tractor, 100 hi w/553 loader\$28,50 2012 Bobcat S650 A71, 129
Ρ.	M850 Mower Demo VR 1022 rake NOW DEALERS PRAXAIR WELDING SUPPLY	hrs\$37,00 2006 Komatsu PC35 Open E cavator w/12&24" bkts, 111 hrs\$26,00 CAT 305CR Excavator, 180 hrs\$37,50 Bobcat S590 skid loader, C, & A, HF SJC, 400 hrs\$39,50
D NT	Deweze	Service on all Bobcat Equipment Stop by and talk to us.
lizer. good	BERG REPAIR	Now Is The Time To Trade
lded. or	14200 Godlove Rd. Westmoreland, KS 785.457.3534	ALL MACHINES INSPECTE & READY TO WORK.
	2013 26' GREAT PLAINS HD	3695 Green Valley Road



Page 27

MFD w/ Westendorf TA 170	Case IH 1200 16RN planter	BRUNA IMPL. CO.	2008 Spra Coupe 4460 80',	2013 26' GREAT PLAINS HD	3695 Green Valley Road Manhattan, KS 66502
loader	Kory 260 Gravity Wagon	TRACTORS:	1725 hrs \$56,000 (H)	No-Till drill. 300/gal. fertilizer	
2008 JCB 536-60 Agra tele-	New Brown 10' & 12' box	2013 Case IH Magnum 290,	1996 Tyler Patriot WT 75', 4936	tank w/keaton closers. low	
handler 2,800 hrs	scrapers	1274 hrs,\$173,500 (H)	hrs \$47,500 (W)	acres, like new, shedded.	AT Dohoot
2006 NH TG215 MFD 1250	New Sunflower 6630/27' ver-	2010 Case IH Magnum 275,	HAY EQUIPMENT:	785-556-9268130	
hrs	tical till	2360 hrs,\$119,500 (M)	2012 Case IH WD1903 w/16',		
2003 Case IH MX255 Mag-	2011 Sunflower 1435-40	2011 Case IH Magnum 260,	335 hrs \$97,500 (C)	TIRE TOWN INC.	For More Details Call
num, 6400 hrs	split wing disc	2026 hrs \$135,500 (W)	2011 Case IH WD1203 w/16',	18.4-34 new, 10p\$575	Greg • 785-215-4285
HAY EQUIPMENT	New Rhino 184 rotary	2006 Case IH MX245, 3571 hrs	385 hrs \$89,500 (M)	11L-15 rib 12p, new	Travis • 785-410-8985
New Hesston 2956A rd	mower	\$112,500 (M)	1989 JD 3830 w/16', 3945 hrs	800/70R38, 80%\$1,500	Office • 785-537-9979
balers	New Rhino 1540 hydraulic	2010 Case IH Magnum 225		16.5L-16.1, 10p, new\$235	
2013 Hesston 2856A net	blade		1997 Case IH 8370 14'	20, 8-38, 10p, new\$760	TO PLACE YOUR AD CALL
baler	Icon 1632 grader rear steer	CVT, 4304 hrs \$85,000 (W)		18.4R46, new\$1,450 Nationwide Shipping	785-539-7558
MacDon A30D sickle MoCo	Blue Valley 9' Hyd. Blade	2001 Case IH MX220, 3525	1989 NH 499 12'\$4,850 (H)	WE DEAL	
New H&S 1660 16 wheel Hi	2013 Landoll 7431-26 Vert.	hrs, \$68,500 (S)		Other Sizes and Prices	93 JD TRACTOR 7600 WITH
Cap rakes	Till	2008 Case IH MX215, 4009 hrs	1990 NH 489 9' \$2,500 (M)	New & Used	like new loader, new rear radio
Vermeer R23 twin rake	JD 1900 Air Cart	\$89,500 (S)	2005 Case IH RBX562	800-444-7209 800-451-9864	tires, power shift transmition,
COMBINES	Mertz 4275 Dry fert floater	2000 Case IH MX180, 4493 hrs	\$11,500 (W)	913-441-4500 913-682-3201	3800 hrs. 785-336-6676
2010 MacDon FD70 40' flex	cat engine, 60' boom	\$68,500 (M)	2007 Case IH RBX563		
draper JD mounts	NH 795 Spreader	2010 Case IH Maxxum 115	\$15,000 (C)	PRE-OWNED	
1994 Case IH 1010 25' head		w/ldr, 667 hrs \$71,500 (M)	1998 Case IH 8480 \$5,000 (C)	'12 JD 1770NT, 16R30, Row Command	\$95,000 (H) 10338
salvage		2011 Case IH Puma 230, 983	2001 Vermeer 605XL	'13 JD 1770NT, 16R30, 3b Hopper	\$89,500 (B) 10867
2005 Case IH 2388, special-	HESSTON	hrs \$120,000 (W)	\$9,500 (H)	'13 JD 1770NT, 16R30, Row Command	\$105,000 (H) 10933
ity rotar, 1500 rotar hrs		1982 JD 4240 2wd, 6563 hrs	2011 Vermeer 605SM	'13 JD 1770NT, 16R30 Row Command	\$95,000 (H) 10935
2004 Case IH 2366	AGCO	\$21,500 (M)	\$22,500 (W)	15 JD 1725, 12R30, Stack Fold	\$68,000 (B) 4 Avail.
1990 Case IH 1083 corn-		1998 NH 8360 w/ldr, 5855 hrs	Bruna Impl. Co.	'02 JD 1720, 16R30, Stack Fold	\$25,000 (H) 11056
head	SUNFLOWER	\$38,500 (M)	C - Clay Center: 785-632-5621	12 CASE IH 1250, 24R30, Row Command	
2003 Gleaner R65, 2700	≥JUNI LVW EN	SPRAYERS:	,	605 JD 1770, 16R30, 3b Hopper	\$55,000 (H) 11253
sep. hrs 1997 Case 1064 cornhead,		Bestway 1200 100'.\$22,500 (C)	H - Hiawatha: 785-742-2261	'01 JD 1750, 8R30, Liquid Fertilizer '09 JD 1720, 16R30, Stack Fold	\$18,000 (H) 11266 \$55,000 (H) 11277
recent rebuild.		2013 Patriot 4430 100', 1687	M - Marysville: 785-562-5304	09 JD 1720, 10K30, Stack Fold	\$55,000 (H) 11277
AUGER & GRAIN CARTS	FARMHAND	hrs \$189,500 (M)	S - Seneca: 785-336-2111	3160 US 24 Hwy 1104 E 8th	300W 48th Street
2008_Harvest International	\sim	2011 Patriot 4420 100', 2380		Beloit, KS 67420 Ellsworth, KS 67439	
13x72 swing hopper		hrs \$162,500 (S)	W - Washington: 785-325-2232	(877) 542-4099 (866) 522-9600	(800) 658-4640
2010 Harvest International 10x82 swing hopper	SUPERIOR	2009 Patriot 3330 100', 1321	List of our entire		JOHN DEERE
2008 Harvest International	IMPLEMENT, INC.	hrs \$170,000 (W)	used inventory on:	A numian 20	16 Diantar Clinica
10x72 swing hopper		2005 JD 4720 90', 2057 hrs	, , , , , , , , , , , , , , , , , , , ,		016 Planter Clinics
New Mayrath 10x35 elect.	402-879-4723		www.brunaimplementco.com	Marc	ch 15th 16th, and 17th
New Parker 839 grain cart	Evening: 402-879-3719	1997 Spra Coupe 3440 60',	CASE III		
Parker 510 grain cart, corner	5	3201 hrs \$30,000 (C)		Contact your loca	I Store for Details!
auger	SUPERIOR, NEBRASKA	5201 ms \$30,000 (C)	AGRICULTURE		

MACHINERY	march 8, 2016 MACHINERY	MACHINERY	MACHINERY	MACHINERY	BUILDINGS - BLDG MATLS
Case & IH	Gleaner Combines '04 R75 RWA\$72,500	WANTED: 8' LOADER Bucket for 740 JD loader. 620-664-4123	PLANTER SALVAGE	USED TRACTORS '09 Case IH Farmall 35 MFD	METAL PANELS & ACCESSORIES
Case 300's thru 2096	04 R75 RWA\$72,500 '01 R62\$66,500 '99 R62\$44,500	WANTED: HORSE DRAWN	IH 800-900-950-955 Cyclo JD 494-1280, 7000-7300,	w/ ldr, 290 hrs '98 CASE IH 8920 2WD 7410	THE VALUE LEADER
IH 460's thru 5488 Over 1000 Tractors on shelf	'94 R72 Cummins\$38,500	farm machinery, Iron worker machine. Also MayTag Wringer Washers. Danial Mullet, 2130	plate and plateless White 5100	hrs. '97 Case IH 5240 MFD	WE WON'T BE UNDERSOLD METAL \$54/ SQUARE
New & Rebuilt parts for all brands of tractors & combines	EZ Trail Gravity Wagons, Grain Carts, and Header	Wagon Rd. Ft. Scott, Ks. 66701	Koelzer Repair Onaga, KS 785-857-3257	w/loader, 9810 hrs '88 Case IH 7120, 2WD, 5650	• DELIVERY AVAILABLE • Prices subject to change
Want to buy Case & IH salvage tractors	Trailers.	1974 CHEV. PU 3/4T 4WD/ Graim-o-Vater Bed \$1500.	Allis Chalmers Tractors	hrs '77 IH 986 w/loader '41 IH FarmAll A w/Woods	WESTERN METAL
Elmer's Repair CENTRALIA, KS	Great Plains Tillage Tools 81 Farm Eq. Service	Graim-o-Vater 30/ Airplane Tires holds 200 Bv. \$1200. Badger Si-	180-Cab Loader\$6,500 200D, 7020 loaders\$8,900ea	belly mower MISCELLANEOUS	2 Locations • Best Service LOUISBURG, KANSAS
785-857-3248 www.elmersrepair.com	McPherson, KS.620-241-3100 1-800-357-3101	lage Blower/PTO \$350. 785-665-7210 or 785-806-7263 (cell)	7000D, 7050D cabs\$9500ea 7040 CAH rebuilt PST.\$12,500	'13 CASE IH DC132 disk MOCO	1-800-489-4100 HAYS, KANSAS
EW HOLAND 1475 14'	2003 WHITE 8122 12 ROW	24' GREAT PLAINS DRILL:	Seneca, KS • 785-336-3158	'10 CASE IM 1250 planter 12/30	1-800-770-2725
weeper, very good. 35-632-1897	planter with fertilizer. 785-366-6503	7.5" spacing, new disks and bearings last year, good tires,	27' JAVORSKY FIELD Cultiva- tor with 3 bar harrow,	Bush Hog 3126 rotary mower new blades '07 Case IH RMX340 25'	
100000000000000000000000000000000000000		wheel bearings repacked, al- ways shedded, Very Nice Drill!	vibrator-K-Shanks, 7" spacing and gauge wheels. Hutchinson,	'09 Case IH 330 turbo 25' 2 Case IH 4300 FC 26' and 33'	
Firestone	D®N'S	Asking \$7500. 785-366-6738	620-662-6286 '12 Apache AS1020 .\$132,200	Case IH 4800 FC 23' Case IH 6500 conser til chisel	STEEL BUILDING
AGRICULTURAL SOLUTIONS	TIRE & SUPPLY	'12 JD 333D Track \$59,500 '13 CIH SV300 \$42,500	'12 New Leader 345 .\$99,500 — TRACTORS — '09 JD 9430 PTO\$159,000	14' Sunflower 1433 25' disk	INVENTORY SALE I-Beam Construction
HE LEADER IN THE FIELD	# 4,000	— PLANTERS/DRILLS — '08 JD 1750 8/30 \$28,500 '08 JD 1760 12-30" \$45,000	'04 JD 9420\$126,500	Soil mover 30RF scraper '96 JD 9500, 4WD, 3275 eng.,	Easy Bolt-Up Design 40x65, 60x90, 100x150
80/80R38 RAD AT 23 80/80R42 RAD AT 23	\$1,002 \$1,156	'01 JD 1770 16-30"\$35,500 '05 JD 1770 16-30"\$47,500	'11 JD 8360R \$225,000 '11 JD 8310R \$179,500 '12 JD 8335 MFWD . \$220,000	2205 sep. '96 JD 920 flexhead '91 JD 653A row head	Many Others Available (800) 369-3882
40/85R28 RAD 6000 20/85R28 RAD AT FV	\$600	'08 JD 1770 24-30"\$74,500 '10 JD 1770 16-30"\$72,500 '08 JD 1770 16/30"\$62,500	'97 JD 8300	'89 JD 643 cornhead '98 CASE IH 2366 4WD 2220	www.toplinebuildings.com sales@toplinebuildings.com
Additional 10% off all Fireston	e Ag tires thru March 21, 2016	'07 JD 1770 16-30"\$51,500 '11 JD 1770 12/30" LF \$76,500	⁶ 07 JD 7830\$105,000 ⁶ 94 JD 7800 MFWD\$57,500	hrs. eng.,1550 hrs. sep. '91 Case IH 1680 combine	
TF-866-888-7838	www.donstire.net ABILENE, KS	'05 JD 1770 12/30"\$41,000 '12 JD 1790 16/31\$114,500 '04 JD 1790 16/31\$39,750	^{(14JD 6125 loader\$100,000} ^{(94 JD 4760 MFWD\$57,500}	4WD '06 Case 1020 30'	FOAM INSULATION The Icynene Insulation
		'99 JD 1780 6/11\$22,950 '09 DB90 36 row\$99,950	'89 JD 4455\$34,500 '74 JD 4030 w/ loader \$15,500 '61 JD 3010 2,650 hrs .\$8,500	'05 Case 1020 30' '89 Case IH 1020 25'	System™ Metal Bldgs. — Homes
		'12 Kinze 3660 16/31\$109,300 '09 Kinze 3660 16/31 .\$64,500 '05 Kinze 3650 16/31 .\$42,500	61 JD 3010 2,650 ms .56,500 605 CIH MX255 loader \$89,500 613 CIH 140\$58,000	'99 Case IH 1020 20' '94 Case IH 1063 cornhead '89 Case IH 1083 cornhead	800-334-3626 Healthier, Quieter, More
LStr		'05 Kinze 3200 12-30 .\$23,850 '04 Kinze 3650 12/23 .\$42,000	15 NH T8 435 \$260,000	IH 810 platform IH 863 cornhead	Energy Efficient.™ MID-AMERICAN SALES, INC.
HELPING KAN	NSAS GROWI	'03 Kinze 3700 24-30" \$53,350 — COMBINES — '13 ID \$690 \$275,000	'12 JD 2100 5 shank .\$10,500 Peripheral 5 shank\$5,450 '08 CIH 730B shank\$12,500	'95 Case IH 8465, A. baler '92 NH 660 twine/ net baler	SMITH POSTYARD
TRACTORS 3 CIH S550\$259,000(W)	98 NH 664\$9,900(G)	 '13 JD \$690 \$275,000 '12 JD \$670 4WD \$195,000 '12 JD \$660 \$210,000 	DMI Tiger II 7 shank\$9,750 Wilrich 3400 FC\$8,950	'86 Hesston 5530 rd. baler '11 Case IH WRX301 12	Hedge Post
3 CIH S550\$259,000(W) 4 CIH S400\$254,500(W) 3 CIH S350\$227,000(H)	03 CIH RBX562\$9,500(H) WINDROWER 12 CIH WD2303\$96,000(G)	'09 JD 9770\$210,000 '08 JD 9770 Hillco\$137,500	'10 CIH 30' Turbo VT .\$36,500 '06 SF 1444 40'\$38,500	wheel rake IH 2350 loader IH 2001 loader	Delivery Available JEFF SMITH
2 CIH M340\$217,000(M) 3 CIH M340\$215.000(W)	09 NH H8040\$65,000(P) 04 JD 4895\$42,000(M) 04 CIH WDX1101\$39,000(G)	'11 JD 9670\$155,000 '07 JD 9660 Hillco\$114,500	'11 CIH 370 30' \$39,000 — HAY EQUIPMENT — '07 JD 568 \$21,500	60" rotary mower 2 pt. hitch JD 913 V-ripper, 3 shank	620-496-8956
3 CIH M290\$189,000(H) 3 Versatile 375-T4\$189,000(G) 4 Buhler 2375\$179,900(G)	04 CIH WDX1101\$39,000(G) 14 CIH DC133\$34,500(M) 13 CIH DC162\$24,000(W)	'05 JD 9660\$68,000 '04 JD 9560 SH\$95,500	⁶ 96 JD 566\$9,950 ⁶ 05 Gehl 2880\$8,500	CASE IH 1255 Planter	
1 CIH M290\$179,500(G) 0 CIH M305\$155,000(H)	06 CIH DCX161\$19,000(W) 08 NH 1475\$17,500(G)	'13 CAT 760\$265,000 '06 CAT 570R\$74,950		Farmall 40C Farmall 55C, CVT cab	GoBob
0 CIH M180\$142,000(S) 5 JD 6170M\$125,000(W) 4 CIH M210\$125,000(W)	03 CIH DCX161\$16,000(H) 03 NH1475\$11,000(S) GRAIN DRILLS	'11 CIH 5088\$159,500 '97 CIH 2188\$39,500	785-742-7121 HIAWATHA, KS 66434	Magnum 250 Farmall 120A 2WD	Pipe & Steel Sales Loyal to You!
2 CIH P185\$125,000(S) 6 CIH STX330\$122,000(H)	14 CIH PD500\$155,000(G) 14 CIH PD500\$155,000(W)	32 corn heads 24 flex heads — SPRAYERS & APPL.—	www.hiawathaimplement.com	Maxxum 120 340 disc 28' Several Bush Hog rotary	From a GoBob Customer:
4 JD 6140M\$89,000(G) 0 JD 8110FWA\$78,500(H) 4 CIH F125-A\$67,000(H)	12 CIH SDX40\$125,000(G) 12 CB 4740AP\$69,000(H) 13 CB 4030AP\$62,500(H)	'15 JD 4030\$247,500 '12 JD 4830 100'\$184,750	7.	mowers	"We have been raising cattle for 30 years and we are proud to say that we use Go-
3 CIH F95-C\$46,000(H) 4 MF 6490\$45,000(M)	05 SF 9433 40'\$59,500(P) 10 LD 5530\$59,000(S)	(13 JD 4730		CASE III	Bob equipment and materi- als as much as we can. It's
7 CIH 7120	15 GP 3\$3000\$55,000(G) 08 SF 9530\$52,500(G) 11 CB 4030AP\$47,000(S)	⁶⁰⁹ Spray Coupe 4460\$66,000 ⁶¹ Spray Coupe 3630	Hiawatha	AGRICULTURE	built the old fashioned way - tough, dependable and built
8 JD 5510\$19,500(G) 0 Versatile 835\$10,000(P) 3 CASE 2290\$5,000(W)	08 CB 4740AP\$46,000(H) 03 CB 4740AP\$41,000(H) 04 GP 3S4000\$40,000(H)	\$18,900 '93 Patriot XL\$26,000	MIMPLEMENT	Truck & Tractor ROSSVILLE, KANSAS	to last." 1-866-287-7585
4 CIH 8230\$298,000(H)	04 GP 354000\$40,000(H) 10 GP 3S3000\$38,500(W) 12 CB 3200TS\$33,500(G) 04 JD 455 30'\$29,900(G)	- ITEMS FOR SALE -	10 bale\$2,300 Farmhand 6650 Tubgrinder	785-584-6195	www.gobobpipe.com
3 CIH 8230\$275,000(G) 3 CIH 8230\$255,000(G)	97 GP 3S3000\$23.500(G)	SELECTIONS OF ROW CROP CULTIVATORS IN	Knight 5042 Verti-Maxx Feed		\sim
3 CIH 8230\$249,000(G) 2 CIH 7230\$235,000(G) 2 CIH 8230\$235,000(G)	00 SF 9432\$17,000(S) PLANTERS 11 CIH 1250\$135,000(W)	KANSASCALL 2008 JD 7330 TractorPQ-	MixerCall JD 716A Chuckwagon\$7,500	SALVAGE COMBINES ALLIS N7-6, L2, L, M, G, F2, F, CII, AII; JD 8820, 7720,	DIAMOND L SUPPLY Dwight, KS
2 CIH 8230\$235,000(G) 1 CIH 9120\$225,000(W) 1 CIH 8120\$205,000(W)	13 CIH 1250\$119,000(H) 13 JD 1770\$112,500(W)	lefthand reverser new KMW loader\$63,000	2-SF 1321 Disc offset	7700, 6600, 4400, 3300, 105, 95, 55; MF 860, 760, 750, 510,	• 1.888.608.7913 • 29 ga 40yr ptd\$62/sq
0 CIH 7120\$195,500(P) 9 CIH 7088\$165,000(G) 8 CIH 7010\$159,500(W)	12 CIH 1250\$90,000(W) 12 CIH 1245\$90,000(G) 10 CIH 1250\$90,000(G)	2010 JD 7230 Tractor MFWD	SF 4212 Culter Chisel 9ft \$6,500 JD 900 ripper 5 shk\$4,500	410; IH 1680, 1480, 1460, 915, 815, 715, 503, 403; NH	29 ga 20yr ptd\$55/sq 29 ga Galvalume\$47/sq
2 CIH 6130\$158,000(S) 5 CIH 2388\$112,000(H)	05 JD 1770\$69,500(W) 09 AGCO 8816\$68,000(H)	5200 hrs. PQ Left hand reverserCall	White 5 btm. plow,\$1,500 2012 Landoll 2000 Cultivator	TR70-85, 1400, 995, 985, 975. SALVAGE TRACTORS	Complete Building Packages
3 CIH 8010\$75,000(W) 1 CIH 2388\$64,000(H) 9 CIH 2388\$56,000(W)	14 CIH 1225\$45,000(W) 08 CIH 1230\$37,000(H) 96 JD 1760\$22,000(W)	Ford Versatile 276 Bi- Directional w/grapple loader	12R30\$12,000 Orthman 9300 Cultivator 8R-W	ALLIS 7000-7080, 220, 210, 190XT; D17-19; JD 84-8630,	Doors, Insulation, Livestock Equipment, Scales, Waters
1 CIH 1660\$28,500(H) 9 JD 9500\$22,000(W)	98 JD 1750\$19,000(S) 98 White 6128\$18,750(W)	2000 JD 9650 W Combine	Hiniker 5000 10R30 Row Crop	7520, 6030, 5020, 4630, 4430, 4020, 3020, 720, 730; CASE 1470, 1370, 1270, 1200, 1070,	*Jobsite Delivery Available*
HEADERS 2 CIH 2162\$65,000(G) 0 CIH 2162\$65,000(W)	89 JD 7000\$10,000(W) 97 CIH 955\$7,500(S) 97 CIH 900\$5,500(S)	w/duals	Cultivator,\$5,000 Hiniker 5000 12R30 Row cultivator,\$8,000	930, 400; IH 1568, 1466, 1256, 1066, 1026, 806; FORD	FABRAL Subject to change)
3 Mcdn FD75\$64,000(W) 3 CIH 2162\$62,000(H)	SPRAYERS 14 CIH SPX4430\$271,027(G)	Sep. Hrs	Hiniker 1000 16rw Crop Cultivator\$13,000	4-5-6-8-9000; MF 2745, 1155, 1100, 90, 85; OLIVER 2150;	BINS - DRYERS - VACS
3 JD 612C\$61,000(H) 2 CIH 2162\$58,000(H) 2 CIH 2162\$57,000(H)	12 CIH SPX4430\$259,000(P) 14 CIH SPX3330\$195,000(H) 06 CIH SPX3310\$135,000(G)	2004 AgCo flex 30' w/air reel	Kent Series V field cultivator 23' \$3,500	MM G1000; WH2-150, 4-150. Mike's Equipment	
2 CIH 2162\$57,000(H) 3 CIH 2162\$56,900(H) 0 CIH 2152\$56,900(G) 0 CIH 2152\$56,000(G)	11 CIH 4420\$120,000(W) 06 CIH SPX3310\$109,000(H)	2011 JD 635D draper head \$27,500	JD 886 cultivator 8 rw,CALL SF 3040 Fallow king 28'	BUHLER, KANSAS	Eranoom
6 Mcdn FD70\$54,000(H) 4 CIH 2412\$37,000(W) 8 CIH 3208\$34,000(H)	07 CIH SPX3310\$102,000(H) 06 Apache AS1010\$78,000(G) 00 CIH SPX4260\$58,000 (H)	JD 853A Rowhead\$19,500 JD 930 flexhead\$8,500		1-800-543-2535	
0 JD 635F\$33,900(G) 5 Mcdn 963\$32,500(P)	99 CIH SPX3150\$41,000(H) TILLAGE	JD 630 flex\$10,000 JD 625F hydraflex\$12,500 CIH 2152 Draper, 40ft .\$32,000	JD 120 Flail Shredder \$5,200 JD 7200 Planter 16rn, \$7,000	EMPLOYMENT	
4 JD 625F\$32,000(Ŵ) 4 CIH 3020\$29,000(H) 2 CIH 3020\$25,900(M)	13 CIH 5310\$38,000(W) 04 SF 1434-36\$32,000(G) 08 GP 7556\$31,000(S)	2004 CIH 1020 flex\$7,000 2001 CIH 1020 flex 30' .\$6,000	GP 2SNT30 drill, 10" spacing, . \$10,000	FAMILY FARM NEEDING fulltime employee on irrigated-	Check my prices on Winter Discounts
3 JD 635F\$25,700(H) 2 CIH 3020\$23,500(P) 7 CIH 2020\$23,000(W)	03 SF 1434-33\$27,500(G) 99 SF 1443\$17,500(W) 89 JD 630\$16,900(G)	Several CIH 1020 flexheads in stockCALL	JD 8300 drill dbl disc,\$4,000 JD 750 drill,	dryland- livestock farm. Located NC Kansas. CDL required or ca-	Winter Discounts on Brock Grain Bins
0 CIH 2020\$19,800(W) 8 Mcdn 962\$19,000(H)	SF 1443-29\$14,900(G) Krause 2143\$13,500(W)	2004 CIH 2208 Cornhead \$13,000	Rhino SR20M-20 Batwing mower,\$7,500 JD dozer blade,\$1,400	pable of qualifying for one. 785-593-6863	CONTACT: LYNN KOHAKE 785-336-1692
4 JD 630F\$17,500(G) 4) CIH 1020's, (8) CIH 1010's, 3) CIH 1063/1083 CH's	CIH 4900\$5,500(H) 00 CIH 7500\$4,500(H) 85 Krause 1904\$4,000(W)	2005 CIH 2208 8x30 cornhead HYDP\$21,000 2006 CIH 2612 cornhead	Wemco header trailer 32 & 35 ft. NEWCALL	BUILDINGS - BLDG MATLS	CLOSE-OUT SALE AT Detrixhe
ee www.straubint.com for rices on these headers.	Salina, Kansas (S)	12R30\$24,500 Deutz-Allis Cornhead 8R30	Complete listing on our web: www.jonesmachineryinc.com	Butterfly Supply, Inc.	Grain Vacs. 25%off on all 5"&6" steel flex pipe, gaskets,
BALERS/RAKES 1 CIH RB564\$35,900(G) 3 CIH RB564 \$34,000(H)	1-800-658-4653 Pratt, Ks. (P) 1-877-680-4455	Several JD 893 Cornheads in	BUY/SELL/TRADE DAILY	800-249-7473	nozzles,couplers,elbows,and fit- tings.Toll-Free 866-327-6822.
3 CIH RB564\$34,000(H) 3 CIH RB564\$32,000(G) 1 CIH RB564\$27,500(H)	Marion, Kansas (M) 1-877-382-2188	stockCall JD 500 Graincart\$4,500	Smith Center, KS 785-282-3000	• Tubing • Rods • Cable •	jbdetrixhe@twinvalley.net. Re- maining items will sell at the Op-
9 NH BR7090\$22,000(Ŵ) 9 Darf 917\$22,000(G)	Wichita, Ks. (W) 1-800-779-7012	2001 Brent 1084 Graincart, nice	785-282-0432 Cell 785-686-4005	• Guardrail • Clips • STEEL FENCING &	timist Club Sale, Saturday March 12,Concordia Fair- grounds. Also selling-blue 6'x16'
9 NH BR7090\$16,900(S) 7 CIH RBX563\$16,900(G) 3 Beaver VA 17 WH\$16000(S)	Hutchinson Ks. (H) 1-800-658-1714 Great Bend, Ks. (G)	Parker Gravity Wagon\$1,400 2008 JD 946 MoCo swather \$13,500	Evening Calls Welcome	BUILDING	W-W stock-trailer, used only to haul vac pipe.
3 Hesston 956\$14,500(Ŵ) 3 NH 664\$10,300(G)	1-800-658-1706 Visit www.straubint.com for up	Hesston 1170 swather\$3,000 Rowse 27V Ultimate Hayrake		SUPPLIES www.butterflysupplyinc.com	
D 567\$10,500(P) 2 Price Bro MK12 .\$10,000(W)	to date listings, pictures, and descriptions.	JD 700 hyd. rake \$5,250		* *** **	SERVICES
0.46		Vermeer R2300 hyd. rake	JUNES		service, can come saw your
		H&S rake 14 wheel\$5,000	MACHINERY, INC.		logs. 785-776-8153

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Kansas sees slight decrease in 2015 crop values



Page 29 Grass & Grain, March 8, 2016

DuPontTM ZestTM herbicide approved for sorghum

The U.S. Environmental Protection Agency recently announced the registration approval of the active ingredient nicosulfuron (the ac-tive ingredient in DuPontTM ZestTM herbicide) that will complement the non-GMO DuPontTM InzenTM herbicide-tolerance sorghum trait.

This product, the only herbicide technology focused solely on sorghum, will provide growers with over-the-top grass control for the first time ever as a result of a ten-year partner-ship between Kansas State University and DuPont Crop Protection with support from the Kansas Grain Sorghum Commission, the Sorghum Checkoff and National Sorghum Producers. "I thank the EPA for

their attention to grower needs and the approval of this much-needed technoloacross the Sorghum Belt," said James Born, NSP board chairman from Booker, Texas. "Our industry has worked a long time for this technology. As growers, we have been entrusted with this new tool to control grass in sorghum, and it is critical we provide the stewardship and best management practices needed to ensure it remains available long-term." DuPont Pioneer and Ad-

vanta US have a joint agree-cide-tolerant sorghum. DuPont received registration approval Nov. 10 from the EPA for tolerances to nicosulfuron and rimsul-

furon on sorghum varieties containing the DuPont[™] InzenTM herbicide-tolerance trait-an important first step to the approval for the herbicide ZestTM. As new hybrids become available, the sorghum industry will emphasize best management practices to ensure the longterm viability and sustainability of this technology.

"Producer surveys have shown the top hurdle sorghum farmers face in optimizing yields is providing over-the-top grass control, said Tim Lust, NSP and Sorghum Checkoff CEO. "This news is a monumental achievement for our organizations and sorghum farmers across the U.S., and we are excited to see limited quantities of this new technology in the field in 2016."

Marysville Livestock Sales Every Thursday at 12 Noon Donnie Kirkham, Manager · 785-562-1015 1180 US Hwy. 77, P. O. Box 67, Marysville, KS 66508 SALE INFORMATION FOR MARCH 3. 2016 STEERS WESTMORELAND 6 XBRD HFR 633@\$162.00

	lup values	STEERS BAILEYVILLE 4 MIX STR	330@\$250.00	WESTMORELAND 6 XBRD HFR 633@\$162.00 BLUE RAPIDS 2 BLK HFR 585@\$160.00
The value of Kansas' 2015	jected to average \$4.85 per from the last marketing	WATERVILLE 1 BWF STR	330@\$250.00	BREMEN 4 BLK HFR 627@\$158.50
field and miscellaneous	bushel, a decrease of \$1.22 year.	BAILEYVILLE 1 BLK STR BLAINE 2 BLK STR	280@\$249.00 352@\$239.00	WATERVILLE 5 XBRD HFR 628@\$158.50 HOME 3 BLK HFR 678@\$158.00
crops is forecast at \$6.48 bil-		FRANKFORT 2 XBRD STR	377@\$235.00	AXTELL 5 XBRD HFR 642@\$158.00
lion, according to the	WANTED FARM MACHINERY	BLAINE 3 BLK STR FRANKFORT 10 MIX STR	450@\$229.00 449@\$229.00	AXTELL 8 BWF HFR 771@\$156.75 CLIFTON 7 BLK HFR 732@\$156.50
USDA's National Agricul-		COOK,NE 1 RED STR	385@\$229.00	RANDOLPH 2 BLK HFR 642@\$155.50
tural Statistics Service. This	LAWN & GARDEN EQUIPMENT	HANOVER 10 BLK STR WESTMORELAND 4 XBRD STR	460@\$228.00 452@\$225.00	WATERVILLE 29 BLK HFR 701@\$155.50 SUMMERFIELD 2 BLK HFR 715@\$155.00
is less than a 1 percent de-		HOME 5 BLK STR PAWNEE CITY,NE 2 BLK STR	439@\$224.00 455@\$222.00	SABETHA 19 XBRD HFR 608@\$155.00 RANDOLPH 12 XBRD HFR 700@\$152.00
crease from 2014.	FRIDAY, APRIL 8 — 9:00 AM	BREMEN 2 BLK STR	335@\$221.00	WESTMORELAND 1 XBRD HFR 470@\$152.00
The value of corn pro- duction is expected to total	AUCTION LÓCATION: 1871 Limestone Road	MANHATTAN 2 BLK STR MARYSVILLE 7 XBRD STR	392@\$217.00 514@\$215.50	AXTELL 26 BLK HFR 707@\$154.50 CENTRALIA 10 XBRD HFR 668@\$153.00
\$2.18 billion, up 2 percent	CLAY CENTER, KANSAS	WYMORE,NE 4 XBRD STR	502@\$215.00	WYMORE,NE 4 XBRD HFR 697@\$151.00
from the previous market-	Don't wait until it is too late to sell excess farm machinery!	WHEATON 1 XBRD STR FRANKFORT 1 BLK STR	440@\$211.00 335@\$211.00	CENTRALIA 13 BWF HFR 725@\$150.00 COOK,NE 5 MIX HFR 615@\$148.00
ing year. The Kansas corn	NOW IS THE TIME to sell excess farm machinery.	BREMEN 2 BLK STR	537@\$202.00	AXTELL 4 XBRD HFR 791@\$145.50
price is projected to aver-	If you have not used it for a year, do you really need it?	FRANKFORT 1 BLK STR WESTMORELAND 10 BLK STR	350@\$200.00 570@\$196.00	AXTELL 3 XBRD HFR 790@\$144.25 HOME 1 RED HFR 790@\$140.50
age \$3.75 per bushel, a de-	Call Harold Mugler: 785-632-4994 or 785-632-3994 home	LILLIS 3 BLK STR WATERVILLE 3 XBRD STR	565@\$195.00 556@\$195.00	SUMMERFIELD 27 BLK HFR 877@\$140.50 SUMMERFIELD 2 BLK HFR 917@\$140.50
crease of \$0.03 from the last	TO CONSIGN TO THIS AUCTION.	BURCHARD,NE 13 XBRD ST		COOK,NE 2 CHAR HFR 737@\$140.00
marketing year. The value of winter	Call by March 30, 2016 to get consigned to this auction	WHEATON 4 MIX STR WYMORE,NE 4 XBRD STR	575@\$193.50 611@\$192.25	CLIFTON 3 BLK HFR 898@\$137.00 RANDOLPH 10 XBRD HFR 816@\$137.25
wheat production is expect-	MUGLER AUCTION SERVICE L.L.C.	FRANKFORT 2 XBRD STR	597@\$189.50	CLIFTON 14 BLK HFR 938@\$134.00
ed to total \$1.56 billion, up 4	P.O. Box 154 - Clay Center, Kansas	HOME 7 BLK STR COOK,NE 7 MIX STR	596@\$188.50 549@\$185.00	FRANKFORT 63 XBRD HFR 871@\$133.75 AXTELL 3 XBRD HFR 885@\$133.25
percent from the previous	Harold Mugler Randy Reynolds	WESTMORELAND 5 BLK STR	625@\$183.00	BAILEYVILLE 1 BLK HFR 870@\$133.00
marketing year. Kansas'	785-632-3994 785-263-3394 or 785-632-4994 Cell or 785-263-5627 Cell	LILLIS 1 BLK STR WYMORE,NE 3 XBRD STR	430@\$181.00 651@\$179.50	SUMMERFIELD 4 BLK HFR 832@\$131.50 SUMMERFIELD 4 XBRD HFR 891@\$128.50
winter wheat price is pro-		BURCHARD, NE 8 XBRD STR	659@\$175.75	BAILEYVILLE 2 RED HFR 917@\$125.00
		RANDOLPH 7 XBRD STR CENTRALIA 26 BLK STR	649@\$173.50 679@\$171.00	VERMILLION 1 RED HFR 765@\$124.00
		PAWNEE CITY, NE 1 BLK STR	665@\$170.50	
	CTION	DILLER,NE 10 XBRD STI GREEN 8 RED STR	R 650@\$170.00 682@\$168.00	SENECA 1 BLK HFRETTE 930@\$123.00 VERMILLION 1 BLK HFRETTE1,110@\$110.00
		BLUE RAPIDS 3 BLK STR SUMMERFIELD 4 BLK STR	668@\$168.00	VERMILLION 1 RED HFRETTE 1,105@\$97.00
FRIDAY	/, MARCH 18 — 6:00 PM	AXTELL 8 XBRD STR	698@\$167.00 715@\$166.50	COWS
	nter, 9th & Valley – CONCORDIA, KANSAS	WESTMORELAND 4 XBRD STR MARYSVILLE 5 BLK STR	678@\$166.50 663@\$166.50	MANHATTAN 1 BLK COW 5 yrs 8 mo \$1,700.00 JANSEN,NE 2 BLK COW 8 yrs8 mo \$1,685.00
GUNS, KNIVES, BOWS	S&W Model 10 38 spcl. 4" barrel; guards; Knives: Large collection	WATERVILLE 2 BLK STR	705@\$162.00	SENECA 5 BLK COW 6-7 yrs 8 mo \$1,650.00
& FISHING EQUIPMENT Guns: Marlin 375 lever action	Ruger Single Six 22 mag. pistol; Bowie knives & pocket knives; RG 10 22 short pistol; Mossberg Samurai sword; approx. 100	RANDOLPH 4 XBRD STR WESTMORELAND 1 CHAR STR	707@\$161.25 670@\$161.00	SENECA 6 BLK COW 8 yrs7-8 mo \$1,500.00 PALMER 1 BWF COW 6 yrs 4 mo \$1,375.00
rifle; Springfield 1903 30-06 rifle;	12 ga. pump 28" barrel, VR; knives; Bushnell 3X9X32 scope;	WATERVILLE 5 XBRD STR BURCHARD,NE 1 WF STR	722@\$160.50 710@\$160.00	COWS
Lee Enfield 303 British rifle; Rem- ington 870 Mag 20 ga. shotgun,	Black Powder single shot 43 cal. 2 - 3X7X20 scopes; Weaver 3X9 pistol; Black Powder 40 cal. der- rifle scope; Large assortment	RANDOLPH 2 XBRD STR	775@\$157.00	HANOVER 1 BLK COW 1,305@\$85.00
VR; Savage 110 7 mm rifle LH;	ringer; Black Powder 6 shot cap fishing poles, rods, reels & tackle	BURCHARD,NE 60 XBRD STI HOME 5 BLK STR	R 787@\$155.85 772@\$155.00	BAILEYVILLE 1 BLK COW 1,300@\$79.00 SENECA 1 BLK COW 1,315@\$77.50
Savage single shot 12 ga. shot- gun w/case; Westernfield SB-	'n' ball revolver; Powermaster boxes; trolling motor 25 spd.; fish 760 BB pellet gun; BSA Meteor finder; pole racks; life jackets;	CENTRALIA 9 XBRD STR	793@\$155.00	CORNING 1 BWF COW 1,440@\$76.50
100A 12 ga. 3" FC shotgun;	22 cal. air rifle; Hahn Super Re- camp stove; sleeping bag; police	AXTELL 5 XBRD STR CLIFTON 5 BLK STR	810@\$153.75 790@\$152.00	SENECA 1 CHAR COW 1,525@\$73.50 BAILEYVILLE 1 BLK COW 1,235@\$73.00
Westernfield 410 pump 26" bar- rel; Cobray FMJ Model DD	peater Co2 BB gun; Marlin MIG-3 scanner; Maxon 2 way radio; Ocelot compound bow w/pins & Cobra walkie talkie; battery	RANDOLPH 5 XBRD STR	816@\$152.00	WASHINGTON 1 BLK COW 1,330@\$70.50
45/410 double barrel; JC Higgins	dampener RT hand; Crescent lanterns; CB radios & anetennas;	WESTMORELAND 37 BLK STR BEATTIE 2 XBRD STR	845@\$150.25 832@\$150.25	BLUE RAPIDS 1 RED COW 1,295@\$69.00 SENECA 1 XBRD COW 1,160@\$67.50
410 single shot; Lorcin Model I.9 9 mm pistol w/extra magazine;	Brand Recurve bow 28" 41#; binoculars. Quiver; target; arrows; arm	FRANKFORT 1 BLK STR WESTMORELAND 15 BLK STR	795@\$149.00 930@\$145.75	VERMILLION 1 RED COW 1,370@\$66.50
		LINN 21 XBRD ST	R 879@\$145.75	SENECA 1 XBRD COW 1,110@\$66.00
	Y, MARCH 19 — 10:00 AM	FRANKFORT 175 XBRD ST BAILEYVILLE 10 BLK STR	FR 903@\$144.35 918@\$142.75	PALMER 1 BLK COW 950@\$65.50 LEWISTON,NE 1 BWF COW 1,545@\$64.50
POWER & HAND TOOLS	it 10:00, Household & misc. to follow. set lg. & med.; lathe tools; yard pictures & frames; large asst.	LINN 14 XBRD ST	R 990@\$138.00	SENECA 1 BWF COW 1,255@\$63.50
Elec. air compressor; Craftsman	fert. spreader; Craftsman toolbox xmas; Kirby sweeper; Roomba	WATERVILLE 1 BLK BULL CLIFTON 18 BLK STR	775@\$137.00 1,015@\$134.00	SENECA 1 BWF COW 1,020@\$62.00 SENECA 1 BLK COW 1,140@\$61.50
10" drill press; MM 6" bench grinder; Craftsman combo	on rollers; tap & die sets; metric Robot vacuum; Ig. asst. elec. ap- tap & die; asst. sockets & pliances; Ig. asst. kitchen & cook-	VERMILLION 1 RED BULL	760@\$132.00	BREMEN 1 RED COW 1,345@\$60.50
sander; Craftsman scroll saw;	wrenches; D14 books; sledge- ing utensils; 12 place stoneware;	HEIFERS		ADULT BULLS
Craftsman 10" table saw w/vac; Skil belt sander w/vac; Delta belt	hammers; Craftsman auto ham- mer; Stihl gas weedeater; pole paper shredder; cordless	WASHINGTON 1 BLK HFR HOME 1 BLK HFR	285@\$221.00 285@\$213.00	MARYSVILLE 1 CHAR BULL 1,750@\$103.00 AXTELL 1 WF BULL 1,720@\$100.00
sander; Craftsman 10" mitre saw	saw; sawhorses; shovels; con- phones; elec. lamps; games;	BAILEYVILLE 2 BLK HFR	312@\$209.00	GREENLEAF 1 BLK BULL 1,800@\$100.00
w/laser; Craftsman scrolling sabre saw; Skil saw bandsaw;	crete tools; wood clamps; Shop- smith wood chisel set; 3 pc. bubble; fishing reels; weight	FRANKFORT 6 BLK HFR BREMEN 1 BLK HFR	345@\$201.00 270@\$201.00	BLUE RAPIDS 1 BLK BULL 2,145@\$93.50
Makita 6" sander & orbital	Robogrip set; flares; shovels & bench; asst. canes; hand & wrist	BREMEN 4 BLK HFR	428@\$197.50	EARLY CONSIGNMENTS FOR 3/10/2016
sander; Craftsman 3B sander & orbital sander; B&D 5" orbit	hand tools; elec. space heater; weights; briefcases; security 30 amp camper cord; asst. ext. lights; E. Machine W3115 desk-	COOK,NE 3 BLK HFR HANOVER 8 BLK HFR	368@\$194.00 467@\$192.00	18 BLK BALDY HFRS SPRINGERS
sander; reciprocating saw; Ryobi	cords; asst. xmas lights; receiver top computer w/monitor, key-	WYMORE,NE 1 WF HFR WESTMORELAND 1 WF HFR	415@\$192.00 405@\$192.00	12 BLK COWS - SPRINGERSRUNNING AGES
jointer; HDC portable planer; 2 Dremel bits; Rotozip saw	hitches; large asst. hand tools & board, mouse; asst. wine glass- misc. es; Rival ice cream freezer; large	HOME 9 BLK HFR	425@\$191.00	20 BLK STRS/HFRS 400-450# WV
w/attachments; Craftsman 14.4	FURNITURE & HOUSEHOLD asst. misc. household.	BLAINE 3 BLK HFR WASHINGTON 2 BLK HFR	491@\$191.00 430@\$190.00	185 blk baldy Strs/Hfrs 400-550# V HR
cordless drill; HDC 1/2" hammer- drill; Makita 1/2" impact wrench;	2 pc. wood bedroom set; king size bed w/wood headboard; Beveled buffet mirror; flattop	MARYSVILLE 6 XBRD HFR	505@\$189.50	& RED BALDY
bit sharpener; 3 1/2" vise; elec.	dropleaf table & chairs; wood din- trunk; metal & wood high chairs;	HOME 4 BLK HFR AXTELL 2 XBRD HFR	532@\$189.00 525@\$189.00	25 bk & bwf Strs/Hfrs 400-600# WV HR
staple gun; buffer; angle grinder; Stihl MS250 16" chainsaw; Stihl	ing table; wood chest of drawers; 2 kerosene lamps; wood parlor 2 glider recliners; hide-a-bed table; childs sifter; childs silver	BAILEYVILLE 4 BLK HFR WATERVILLE 1 BWF HFR	452@\$189.00 520@\$188.00	95 HOLSTEIN STRS 525-550# WV 12 CHAR HFRS 500-600# WV HR
elec. weedeater; Craftsman 18	sofa; floral sofa; couch & serving cart; Silcsia ped bowl;	WESTMORELAND 5 BLK HFR	510@\$185.50	27 BLK STRS/HFRS 500-650# WV HR
volt cordless drill & driver; B&D sander; JD moisture tester; Maki-	loveseat; wood end tables; wood cake plate compote; curio cabi- corner desk; corner shelf; 3 net; ceramic bowl & pitcher;	FRANKFORT 1 BWF HFR LILLIS 1 BLK HFR	510@\$185.00 440@\$181.00	35 BLK STRS/HFRS 500-650# WV HR
ta 7.5 volt drill & sander; 2 battery	maple end tables; TV trays; wood wood plate; cob fork; wagon	LILLIS 1 BLK HFR	515@\$181.00	30 bwf Strs/Hfrs 500-600# WV HR
chargers; B&D drill bit set; 10" planer; laser level; routers; router	desk; 4 drawer file; 2 card tables; folding chairs; wood dropleaf misc. items too numerous to	BLAINE 1 BLK HFR BLAINE 3 BLK HFR	460@\$181.00 438@\$180.00	& RED BALDY 21 MIX STRS/HFRS 500-700# WV HR
table w/Skil router; work lights;	table; Sanyo TV; elec. lamps; list.	COOK,NE 2 BLK HFR FRANKFORT 5 BLK HFR	472@\$174.50 502@\$169.50	18 BLK STRS 600-700# WV HR
Bradpoint drill bit set; hole saw	asst. figurines & statues; asst.	WYMORE,NE 12 XBRD HF	R 580@\$169.25	50 ChrX & mx Strs/Hfrs 600-800# WV HR
NOTE: Large auction. Plan to at er ID. LUNCH ON GROUNDS.	tend both Friday and Saturday. TERMS: Cash or check with prop-	LILLIS 2 BLK HFR AXTELL 7 BLK HFR	572@\$165.00 605@\$164.00	10 CHARX HFRS 800-825# WV HR 60 BLK STRS 875-900# WV
	CAR (Connie) DICKINSON and	GREEN 7 RED HFR	590@\$163.75	
	ICE (Flossie) WILKES, Sellers	WATERVILLE 4 BLK HFR WATERVILLE 11 BLK HFR	615@\$163.25 637@\$162.00	HOLSTEIN SPECIAL - MARCH 31
			FIE	
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Page 30 Grass & Grain, March 8, 2016 High-protein canola meal beneficial for growing pigs

A new study at the University of Illinois has determined that high-protein canola meal could prove to be a valuable ingredient in swine diets.

"Canola meal is an excel-

protein that is often included in swine diets," said Hans H. Stein, a professor of animal sciences at U of I. "In recent years, canola varieties have been developed which contain greater con-

conventional varieties. Our study has provided new information on the nutritional value of high-protein canola meal.'

High-protein canola seeds have thinner hulls lent plant-based source of centrations of protein than than conventional canola

seeds. As a result, the meal derived from these seeds has a lower proportion of fiber, and a greater proportion of protein and oil, than conventional canola meal.

Researchers in Stein's lab conducted two experiments to determine how well pigs digest energy and amino acids in high-protein canola meal.

"The digestibility of energy in high protein canola meal is greater than in conventional canola meal when fed to broilers and turkeys," said Stein. "But we do not

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models.

1/64th ?

yet have data for pigs for this particular source of high protein canola meal.

"We used a source of high-protein canola meal that was produced from a variety of high-protein canola that had been selected for low glucosinolate content, so we also tested if the reduced glucosinolates improved digestibility of protein and amino acids."

Stein's team determined that the standardized ileal digestibility of crude protein in high-protein canola meal and conventional

Ford, JD, Oliver O3 crawler

including Precision, CE, Shelf

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Seeds, NIB; Nylint, Pioneers

Seed, city delivery truck, NIB;

Nylint, Crows Seed, city deliver

truck, NIB; Spec Cast, 1/25th

Ford 250/350 PU, NIB; Stude-

baker PU, Garst Seed, 75th

Anniv, 1/24th, NIB; Movers

World, Semi Moving Van, NIB

IMPLEMENTS

JD, 494A planter, Precision #9,

NIB; JD, Grinder/Mixer, NIB; JD 1700 MaxEmergePlus

planter, NIB; JD, Hay rake; 3

pt. blade; Bale mover w/ bale,

NIB; JD, Hay elevator; Grain

auger, NIB; Bush Hog, Model

MISCELLANEOUS

JD ridge row, weather vane;

Cast, IH tractor & barn bank; 2-

Hesston belt buckles, 1982

12 rotary cutter, NIB.

canola meal was less than in sovbean meal (83, 78, and 93 percent respectively). The same was true for most amino acids. The digestibility of crude protein was greater in high-protein canola meal than in conventional canola meal, but there was no difference observed in the digestibility of individual amino acids.

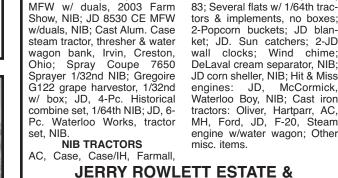
High-protein canola meal contained 37.5 percent standardized ileal digestible crude protein, compared with 31.7 percent in conventional canola meal and 45.8 percent in soybean meal. Similarly, the concentration of digestible amino acids was greater in highprotein canola meal than in conventional canola meal, but less than in soybean meal.

The concentrations of digestible and metabolizable energy were not different in high-protein canola meal (2,969 and 2,470 kcal/kg, respectively, on an as-fed basis) and conventional canola meal (2,632 and 2,305 kcal/kg). Both sources of canola meal contained less digestible and metabolizable energy than soybean meal (3,733 and 3,375 kcal/kg).

Stein said the results indicated that high-protein canola meal can be a valuable ingredient in swine diets. "High-protein canola meal supplies the same amount of digestible energy and more digestible amino acids for growing pigs compared with conventional canola meal."

The paper, "Energy concentration and amino acid digestibility in high-protein canola meal, conventional canola meal, and in soybean meal fed to growing pigs," was co-authored by Yanhong Liu, Neil Jaworski, and Oscar Rojas. It was published in a recent edition of Animal Feed Science and Technology, and the full text can be found online at www. animalfeedscience.com/art icle/S0377-8401(15)30073-0/ fulltext.

Boyer Limousin & Lim-Flex Production Sale Sunday, March 13, 2016 1 pm at the ranch, Liberty, Nebraska Auctioneer: Chisum Peterson, 605-730-4214 • Guest Consignor: Kostal Family Limousin Selling: 40 Limousin & Lim-Flex Bulls 20 Reg. & Comm. Open Replacement Heifers Sale Highlights: **BOYER'S MR. YIP** • Emphasis on Calving Ease, Growth, Quiet Dispositions Mostly Black DP/DB PB BD: 1/28/15 - BW: 81 • Unconditional 1st Breeding Season Guarantee WW: 706 MAGS Yip x • Free boarding 'til April 1, 2016 JTBO Mind Of Her Own 2522 Complimentary Lunch Served BW: 0.8 WW: 59 YW: 90 2 - \$250 Youth Scholarships Sponsored by: MK: 29 SC: 0.6 DC: 10 YG: .03 CW: 25 RE: .07 **Boyer Limousin** MB: .18 \$MI: 54 LIMOUSIN SIRES ... Wulfs Xcellsior, Englewood's X Factor, MAGS Unreal, COLE Zone 89Z, AHCC Red Xplosion, GAT Xerxes, MAGS Yip HERD SIRES: COLE Xceptional 39X, CJSL 3062A (The General), L7 2039Z, LLJB 3225A (MAGS Xyloid) **Check DVAUCTION for videos & Nebraska Limousin website:** ww.nelimousin.org for catalog This sale will be broadcast live on the internet. Real-time bidding & proxy bidding available. For questions, co tact Justin Dikoff at (605) 290-0635 - jdikoff@dvauction.com DV/A uction For information & catalog: BOYER LIMOU Jay & Carol Boyer • 402-696-4410 • 402-239-7361 Cell 15464 E. St., Hwy 8, Liberty, NE 68831 boverlimi@hotmail.com 3 1/2 mi. east of Barneston, NE; 30 mi. south of Beatrice, NE. 20 mi. north of Marysville, KS; 70 mi. South of Lincoln, NE; 60 mi. west of St. Joseph, Mo



Angus and Simm-Angus

Two-Year-Olds,

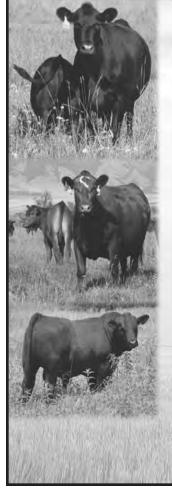
18-Month-Olds, and

Yearling Bulls

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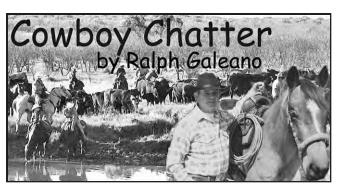
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Annual Bull Sale Monday, March 21, 2016 - 1:00 pm At Lindells' High Tech Beef Sale Facility 9691 Sherman Rd - Leonardville, KS

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Start Them On the Ground

in the round pen while they're still too young to ride. Put that time between their first and second year to good use by starting their education. Get them halterbroke if they aren't already. Introduce them to the lunge line and start them trotting in both directions with either their halter or a hackamore with a hard rope noseband. You can slip a long, soft rope through the bottom part of the noseband and clip it around their neck. This makes it easier to change directions. You won't have to change or unsnap your line. You can simply stop the colt and move to his other side. Since the line isn't connected to the noseband, it will slide across the bottom of the noseband to the other side of his head and you can start him in the other direction with no hassle. Now when you start him again, the pull on the lunge line will tip his head a little to the inside of the circle since it is now on that side of his head.

This method has several advantages. It has a light pull to the inside of the circle and the pull also teaches the student which way you want him to go just as if you were tipping his nose with a snaffle bit or hackamore while on his back. It's their introduction in a very basic way to the pull of a rein. Trot them in both directions with the line very short, say ten feet or so, and urge them forward from their hip when you first start. Gradually lengthen the distance as they start to get the idea of what you want them to do. When things start going well, move them up to a lope. Use a buggy whip or cluck to them to maintain that gait.

As you progress, you can stop them after a few revolutions, step to their other side and start them again in the new direction. When they've figured out they're

Yearlings can learn a lot the round pen while ey're still too young to e. Put that time between first and second year the stand pretty soon he'll accept them and figure out they're not going to jump up and bite him.

> Halter him and leave a short lead line hooked to the halter. Drape the lead line over one arm and take the saddle blanket with the other. Rub him all over with the blanket. Both sides, top and bottom. Go slow and let him accept it before rubbing it on more sensitive areas. Some call this part of sacking out. Pick up the saddle and let him sniff it. Fool with the saddle, picking it up and putting it back on the ground. Get him used to it before placing it on his back. Secure the off side

stirrup and cinch on top of the saddle and gently place it on his back. If he tries to move away bring him back with the lead rope. Let him stand for a few minutes to get the feel of the new weight on his back. Careful now, you have to reach under him to snag the cinch with either your hand or something to hook it and draw it to you. Thread the latigo through the cinch ring and slowly, very slowly, draw it up till it touches his belly. Depending on his reaction, gradually tighten the cinch until it is snug. When you feel the saddle is secure unsnap the lead and turn him loose to get the feel of the saddle on his own. He may buck when he feels it or he might just run around the pen with the stirrups flopping. Let him wear it for a few hours and then remove the saddle and blanket. Spend several weeks

Spend several weeks lunging him with the saddle on his back till your pony gets good and comfortable every time you saddle him. Don't be tempted to sit in the saddle. He's too young for the weight of a rider.

When your sessions begin to become boring for you and the colt, fit him with a rope hackamore. Now is the time to start driving him from the ground. Rustle up two cotton lines around 34 inch in diameter and about 12 feet long. Tie one to the left rein of the hackamore and one to the right rein. Run the lines under the fenders of the saddle and out behind the horse. Step behind him and pick up the lines out of his kicking range. Your purpose is to use these long reins to drive the colt forward, turn him left and right and stop him. But not all at once! Getting him to move forward usually takes a little doing. He might be a little spooky when he feels these long reins brush his hindquarters or pull on his nose. Try clucking to him to get him to move. He'll probably ignore you so take one of the reins and pop his hindquarter. Now he'll probably kick at the rein. Cluck and pop until something happens

but don't be in a big hurry. This is a new experience and he's got a lot to deal with at one time. Eventually

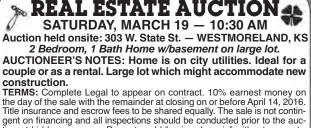
Grass & Grain, March 8, 2016

the colt will take a step or more forward and when he does, don't do anything but walk behind him holding the reins. If he tries to turn sideways, pull the opposite rein to keep him straight. If you haven't done this before you'll both be in the same classroom so try to understand what he may be thinking.

Give him time to realize you want him to move forward. This is the fun part of starting colts. When you get him moving forward around the perimeter of the pen and you can turn him left and right you'll feel a sense of accomplishment and will have taken a giant step forward in the colt's schooling.

Now for the rest of his ground training you'll continue refining his round pen lessons driving and lunging till he feels right at home with your commands and that saddle on his back. When the day comes for you to get in that saddle, he'll already know the basics of his future occupation.

Contact Ralph Galeano at horseman@horsemanspress. com or www.horsemanspress. com



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Page 31

not in mortal danger tied to the line trotting or loping around you and are starting, stopping and changing directions at your command, you can remove the lunge line. Using the buggy whip as an incentive, ask them to trot loose around the pen. Keep them moving. If they stop, urge them back into the gait they were in by moving to their hip and raising the whip. Change directions occasionally by stopping them with a "Whoaa" and then immediately ask them to change directions. Take as much time as necessary for them to become proficient trotting and loping, starting and stopping at your verbal command or with sensible use of the buggy whip. Your student is now ready to move on to the next phase of ground training. Bring in a saddle and blanket. Drop the saddle in the middle of the pen and drape the blanket over it. Leave it there and go away. Let the colt's curiosity attract him to the new things on the ground. Give him a



Grass & Grain, March 8, 2016

ICTI N AU H 1 Estate without sales tax or buyer's fee SUNDAY, MARCH 13, 2016 - 12:00 PM

601 S Broadway, SALINA, KS · Open for viewing at 10:00 noon for preview. AUCTIONEERS NOTE: There are several very rare and collectible guns. Accumulated over many years, condition ranges, inspect to your satisfaction before bidding. The auction will begin with knives, bayo nets and ammo and proceed to the guns once finished. My building is not heated, so dress accordingly. H18. Colt mod Bisley 45 cal mod. #'s match old refinish revolver SN 232768 H19. Urbea Hermanos copy of H&R

LONG GUNS

Amadeo Rossi mod.92 SRC 38 special 357 mag lever action rifle SN K043467 2. Stevens 32 Long rimfire cal single shot rifle with half round/half octagon bbl take down model SN N/A 3. Belgium Browning 22 cal semi auto rifle SN N/A

Savage mod.220A 12 ga single shot

5. Remington mod. Double Barrel 12 ga shotgun smokeless powder SN Q372725 5. Remington mod. Field Master 121 22 cal pump rifle SN 145299 7. Browning mod.A5 2nd edition 12 ga

semi auto shotgun SN 233787 8. Lefever Arms mod. Trap Grade 12 ga single shot shotgun SN N/A

 Gebruder Merkel Suhl mod. Wichichlot
 O/U VERY RARE 8mmx60mm SN10687 Winchester mod.12 12 ga pump shot-

gun SN 362726 1. Winchester mod.75 22LR bolt action rifle w/clip SN 16682

12. Winchester mod.1912 12 ga pump shotgun nickel steel missing parts SN72266

I3. C. Grundig, Hofbuchsenmacher, Dres-den side by side rifle VERY RARE 8.7mm

European gun SN 5212 4. Springfield – US Armory mod. 1922 MII

22 cal bolt action training rifle SN 15239B 15. Winchester mod.1890 3rd mod 22LR cal pump rifle octagon bbl missing parts SN 400511

6. Winchester mod.1890 22LR cal pump rifle octagon bbl missing stock SN458690 17. Marlin mod.94 25-20 cal lever action rifle octagon bbl SN 393913

8. Franchi mod. N/A 20 ga semi auto shotgun with vented rib SN 81587 19. US Smith-Corona mod.03-A3 30-06 cal

bolt action rifle w/sling SN 4722247

20. Merwin &Bray mod. Kentucky cal N/A lever action rifle SN 13367 21. Winchester mod.M1 Garand 30-06 cal

semi auto rifle SN 2434637

semi auto file SN 2434637 22. Belgium Browning mod.2000 12 ga semi auto shotgun SN 50894 C47 23. Winchester mod.M-59 12 ga semi auto

shotaun SN 14966 24. US Springfield Armory mod.OF1922

M1K 22 cal bolt action rifle globe sight SN 5542B 25. Marlin mod.1894 12 ga pump shotgun

SN 33442 26 Fabrique Nationale D'armes De

Guerre-Herstal mod.98 action commercial mauser-jeweled action 30-06 cal bolt ac-tion rifle SN 5553

27. Winchester mod.1917 30-06 cal bolt action rifle SN 510030

28. Browning mod A5 1st mod 12 ga semi

auto shotgun SN 115660 29. Fabrique Nationale D'armes De Guerre-Herstal mod. N/A 7mm x57 cal commercial mauser bolt action rifle w/Bushnell 4x scope SN 1190 30. Winchester mod.21 12 ga VERY RARE

side by side shotgun trap grade vented rib SN13004 31. H&R Reising mod.60 VERY RARE 45

auto cal semi auto carbine w/3 extra clips SN 1682

32. Winchester mod.95 7.62mm Russian contract lever action rifle w/sling & new sight SN 232255

33. Remington mod.11 stamped US Flaming Bomb 12 ga semi auto US military fin-ish shotgun SN 497771

34. Remington mod.511 22 cal bolt action rifle SN N/A

35. Remington mod.03-A3 30-06 cal rifle

still in military grease 36. Remington Armory mod.1917 RARE cal N/A bolt Tokarev (Russian) action rifle

SN 552964 37. Remington Mexican mod.4? cal N/A

single shot rolling block rifle SN 6471 38. Henry Parker mod. N/A 36?cal octagon bbl original dual trigger black powder SN N/A - OLD

39. Three Barrel Gun Co. mod. N/A 12 ga

 Winchester mod.1886 45-70 cal lever action oct. bbl rifle missing stock SN N/A 1. Winchester mod.12 US stamped with US Flaming Bomb 12 ga riot gun pump shotgun no heat shield SN 963015

42. Remington Arms – Union Metallic Car-tridge Co. mod.14? 44REM or 44WCF pump rifle SNC52918 Reminaton UMC 3. Japanese bolt action rifle SN 63254

Winchester mod 1890 3rd mod 22S ca

w/sling SN N/A 59. Zastava made in Yugoslavia mauser action bolt action rifle 60. Sile Inc (made in Italy) 50 cal octagon bbl black powder rifle SN 127560 mod.54 44 cal revolver non shooter H20. A Waters mod. Horse Pistol boot per Lossion gun black powder H21. Colt mod. Bisley 45 cal revolver 5-1/2" bbl old refinish SN 203736 61. Winchester mod.62A 22 cal pump rifle

H22.H&R mod.922 Camper mod. 22 cal

revolver w/octagon bbl SN 119655 H23. Colt mod. Police Positive 32 cal. New Police revolver SN 71029

H24. Colt mod. New Service (England re-make of 1917) ELEY 455 cal revolver SN

H25. Forehand mod. Perfection Auto 32 cal

double action 5 shot revolver SN11335 H26. Colt mod. Police Positive 22 cal re-

volver SN 6943 H27. H&R mod.1880 32S&W cal revolver

H28.Waffen Fabrik mod. Mauser 7.65mm 32 cal pistol SN 343662 H29. Colt mod. Officer Match 22 cal re-

volver w/replacement grips SN 65409 -

H30, S&W mod, 3 Russian 44 S&W cal re

volver H31. Colt mod.4 Derringer 22S cal der-

ringer SN 141850 - with wooden presen-

H32. Cooper mod. Percussion D/A 31 cal revolver w/octagon bbl SN 400

H33. S&W mod. N/A 38 cal revolver SN

52849 H34. S&W mod. First Model Lady Smith 22

cal revolver SN 4279 rare malfunction -

H35. S&W mod. 38 spec 38 cal 6-shot re-

volver SN 312921 H36. Bacom mod. 5 shot percussion cap &

ball revolver missing parts H37. Savage mod.1907 380 cal pistol SN

H38. H&R mod.922 22 cal revolver SN

171376 H39. H&R mod. Sportsman D/A 22 cal re-

H40. Colt mod. 1851 Navy 36 cal percus-sion revolver w/octagon bbl SN 110272 -

Match 38 spec cal pistol SN 3658-MR with box NICE

H42. S&W mod.52 38 cal Master pistol SN

51336 rare target pistol w/box - NICE H43. S&W mod. DA 38 cal revolver SN

KNIVES & BAYONETS AS*FA bayonet w/scabbard SN 844 * K2. Bayonet w/scabbard SN

173844 * K2. Bayonet w/scabbard SN 4022 * K3. Bayonet w/scabbard SN

219051 * K4. Bayonet w/scabbard SN 53761 * K5. US-M6 Imperial bayonet w/sheath * K6. Bayonet w/scabbard SN

41158 * K7. KA-BAR w/sheath SN 1207

K8. Camillo knife w/sheath SN 1012 * K9 Buck knife w/sheath * K10. Homemade

knife w/sheath * K11. KA-BAR collector knife SN 6376 * K12. 31 old pocket knives

* K13. Western Hunting knife * K14. Ker-shaw knife SN 1030 * K18. US Legitimus 1945 * K19. US 1918 military knife * K20. US mod.1917 made 1918 w/scabbard *

K21. US MA-1 bayonet w/scabbard * K22. US M6 bayonet * K23. US M4 bayonet * K24. Marbles Gladstone knife w/scabbard

* K25. US Mark 1 military knife * K26. Bucket misc knives * K27. KA-BAR pocket knife * K28. KA-BAR pocket knife * K29.

Case pocket knife * K30. Schrade pocket knife w/holster * K31. Colt S/A Army Peace

Maker Collector * K32, Colonial Providence

RI knife * K33. KA-BAR pocket knife w/hol-ster * K34. Old Timer pocket knife * K35.

AMMO (partial listing)

4 boxes 222 Remington * 3 boxes 357 Mag * 2 boxes 38/56 Remington * 2 boxes 38

special * box Remington 32-20 * box Rem-ington 410 * box Western 38 special * box

Xpert 20 ga * box Kynoch 7mm Mausers * 2 boxes UMC 7mm * box Winchester 30 cal Army full patch * 9 boxes 7.7 Jap * 3

boxes Lellier & Bellot 7.62 x 54R * box

Remington 30-40 * 2 boxes Empressa Na-cional 9mm * box ball carbine 30MI cal * box Krag 30-40 * box Winchester Army Full

Patch 30 cal * box ball cartridges 30 cal * green box 7mm * tin of 410 shells * box Remington 32-40 * box Remington 303

Small box of pocket knives

117269 (Poor) H44. Colt Revolver SN AF#755 (poor)

Colt mod. Gold Mark 3 National

3821

SN 319600

with box

tation box

1st model

4033B

volver SN E29887

with presentation box

SN 271183 62. Spencer mod. N/A 56-50 Spencer cal single shot rifle SN 1737 63. Řemington mod.572 22 cal pump rifle

SN N/A 64. Parker Brothers mod. Plain Twist 10 ga

side by side double bbl 2 harmers shot-gun SN 20395 65. Browning mod. N/A 22 cal lever action

rifle SN 70B44657 66. Stevens mod. N/A 12 ga side by side

double bbl hammerless shotgun originally black powder non shooter 67. Luigi Franchi mod. Hunter 20 ga semi

auto shotgun vented rib engraved re-

ceiver SN C08208 68. Stevens mod. Little Scout 22 cal 14-1/2" bbl single shot rifle w/bayonet lug

(may have been a training rifle) 69. Remington mod.50 Score Master 22 cal bolt action rifle SN N/A

70. Winchester Hi Wall mod. 1885 40-70 cal octagon bbl sgl shot rifle SN A3360 71. US Armory Springfield Trap Door mod.

1884 45-70 cal rifle SN 81778 72. Crescent Firearms mod.60 Empire 12 ga hammerless side by side double bbl w/double triggers SN N/A

73. US Springfield Armory Trap Door mod.1878 45-70 cal rifle SN 877166 74. Winchester mod. N/A 32-20 cal octa-gon bbl single shot rifle SN A1021
 75. CAI 9mm Bergman cal bolt action rifle

SN 41589 76. E Remington & Sons Rolling Block 20

ga single shot shotgun SN IVA 77. Richardson & Overman Gallagher paper shells 50 cal single shot rifle SN14103

78. Remington mod. 1917 stamped with US Flaming Bomb 30-06 cal bolt action rifle complete SN 143811

79. US Springfield Armory mod. 1898 30-40 Craig cal bolt action rifle SN 521953 80. Remington mod.03-A3 Springfield cal rifle New

bolt action SN3377862 Unissued 81. Springfield Armory mod. M1 Garand

US Rifle 30-06 cal semi-auto rifle SN206359 82. Springfield Armory mod. 1895 30-40

Craig cal original carbine w/box mag bolt action rifle SN 24994 83. Argentina mauser action 308 WIN bolt

action rifle w/scope SN D8134 84. Spencer military gun mod.1863 56 cal

Burnside Rifle Company SN 8724 85. Percussion shotgun half round / half

octagon bbl 86. US Armory mod. Carbine 30 cal carbine rifle with bayonet lug SN 6800896 87. Stevens mod.416 22 cal bolt action

globe sight target rifle SN N/A 88. Winchester mod. 37 12 ga single shot shotgun SN N/A 89. Springfield mod. 1903 30-06 cal bolt ac-

tion rifle complete & orig SN 594493 90. Winchester 1895 Russian Musket

Lever Action Caliber 7.62 x 54 with bayo-

net lug – missing stock 91. Batavia Trader 12 ga Damascus bbl black powder double bbl shotgun

92. 16? ga O/U w/matted rib shotgun 93. Stevens mod 235 12 ga double barreled shotgun w/hammers

94. US Springfield Trap Door mod.84 rifle SN 16981

95. MASS ARMS GWS 80% round /20% octagon bbl single shot rifle 96. 10 ga single shot shotgun

97 German bolt action 12ga Mauser trainer 98 Mauser military converted

98. 16 ga single shot shotgun parts99. Remington mod.12-C 22 cal pump rifle

w/octagon bbl SN 663049 100. Marlin mod.20 22 cal pump rifle w/octagon bbl SN N/A

Winchester mod.62A 22 short cal pump rifle gallery gun SN 411996 102. Remington mod. 12 auto 22 cal pump

rifle SN 38586 103. Winchester mod.1906 22 cal pump

rifle SN 37361AB 104. Unknown maker 30WCF cal lever ac-tion rifle SN N/A

105. Savage 22 cal pump rifle w/clip SN 86554

HAND GUNS H 1. Victor mod. No.3 32S&W cal revolver Nicholas recognized as KCIA Premier Seed Grower

Wendell Nicholas, Johnson, was named 2015 Premier Seed Grower by Kansas Crop Improvement Association at the 2016 Kansas Seed and Crops Conference held in Manhattan on February 17.

To qualify for the award, members must have several years of experience as a certified seed producer, with certified seed being a major component of their business, must exhibit quality consciousness in all production and sales practices, and must be involved in public service activities.

Nicholas grew up on the farm his family has owned since 1919, and upon graduating from Fort Hays State University, returned to that farm to continue to help his father produce corn, wheat and sorghum. Today he produces certified wheat seed,

> Butler County Land Auction 305± acres Flinthills Pasture

Excellent Quality Flinthills Rangeland with paved frontage on Stony Creek Rd just 3.5 miles from the Cassoday Turnpike Exchange. This land offers an excellent stand of Bluestem grasses with live water from Durechen Creek along with one pond and a windmill. An opportunity to own productive pasture in the center of the renowned Flinthills region.

Thurs, March 24, 2016: 6PM, Cassoday Comm. Bldg

David Sundgren **Sun**Group 316.322.5555 www.SunGroupRealEstate.com

AND AUCTION

SATURDAY, APRIL 2 - 1:30 PM Landoll Lanes Conference Center - MARYSVILLE, KANSAS 320 Acres +/- PRIME CROPLAND

Marshall County Kansas Land Tract 1: 160 acres± with 153.62 DCP cropland acres Tract 2: 160 acres± with 156.52 DCP cropland acres Tract 3: Tract 1 & Tract 2 SOLD TOGETHER Directions from Marysville: South on Highway 77 approximately 5

miles to Pheasant Rd then east approximately 2 miles. Property is located on the north side of Pheasant Rd east of 12th Rd. Listing Agent's Notes: You're not going to want to miss this one. Approximately 300 acres, located off a county blacktop highway, with easy access to multiple elevators in all directions including a new rail facility that could pay an additional .10 to .15 cents per bushel. Give me a call for more information.

Jeff Dankenbring - 785-562-8386 Watch upcoming Grass & Grain's for details or see website!

MIKE & SHANNON BUSSMANN, SELLERS Midwest Land A

> and Home Jeff Dankenbring – Listing Agent 785-562-8386 Mark Uhlik – Broker/Auctioneer 785-325-2740 www.MidwestLandandHome.com



Wendell Nicholas, Johnson, was named 2015 Premier Seed Grower by the Kansas Crop Improvement Association.

and commodity wheat and corn.

In 1988 Nicholas started growing hybrid wheat for Hybritech Seed and since that time has developed and grown his seed business. In

recent years he has grown hard white winter wheat, being one of the staple forces in the promotion, production and sales of high quality white wheat seed and white wheat grain. He has served his industry well, both as a certified seed grower and as a KCIA approved conditioner.

In 2014, Nicholas was

recognized as an innovator

in farming by Kansas Water

& Energy Progress for the

contributions he has made

with subsurface drip-irriga-

tion in Stanton County. He is

also a leader in his commu-

nity, having served on the

local school board and vari-

ous boards within his

church. He currently serves

on the Senior Center Board.

ing and attending sporting

events and has travelled

many miles to be involved

in his girls' high school and

Nancy have two daughters;

Becky, a physician in the

Kansas City area, with her

husband Steve and their two

sons Jacob and Lucas: and

Niki, a veterinarian in Ft.

Collins, Colo., with her hus-

band Cody and their 6-

month-old daughter Emory.

1930, 163 Premier Seed

Grower awards have been

presented. Recipients are

selected by ballot with pre-

vious year's honorees cast-

ing the votes. The award

presentation is sponsored

call Kansas Crop Improve-

ment Association at 785-532-

6118, visit www.kscrop.org.

or e-mail kscrop@ kansas.

net.

For further information,

by the High Plains Journal.

Since its inception in

Wendell and his wife

college sports events.

Nicholas enjoys watch-

pump rifle w/octagon bbl SN 627545 45. Winchester mod.1890 3rd mod 22WRF cal pump rifle with octagon bbl SN 498556 46. Winchester mod.1876 45-60 cal lever action rifle w/saddle ring SN N/A 47. Stevens mod. Crackshot-26 22 cal sin-gle shot rifle SN N/A 48. US Carbine mod. Inland M-2 stock 30 cal semi auto rifle with sling SN 97191 49. Unknown maker 9mm Bergman bolt action rifle w/sling SN N/A 50. Iver Johnson mod. Matted Rib 12 ga single shot shotgun SN 24486XF 51. Iver Johnson mod. Champion 410 ga single shot shotgun SN 4125 52. Winchester mod.1400 12 ga semi auto shotgun SN 195317 53. Marlin mod.1892 32 rimfire/32 center fire cal lever action rifle with octagon bbl SN 178030 Fabrique Nationale D'armes De Guerre-Herstal mod.98 commercial mauser 7x57 Mauser bolt action rifle w/Tasco 4x40 scope SN 016671 55. Stevens mod. Gallery #80 22 cal pump rifle SN 7740 56. Chinese SKS 7.62x39 cal with sling & bayonet SN 11490593 57. Forehand & Wadsworth mod. N/A 12 ga single shot shotgun SN N/A 58. US Springfield black powder musket

engraved from factory H 2, F.LLI Pietta 44 cal black powder revolver reproduction w/holster SN241738 H 3. S&W mod.29 pre 29 44mag revolver SN 0178928 H 4. EM-GE mod.5 320 cal over/under pistol SN N/A H 5. S&W mod.M36 38 spec cal revolver w/2" bbl SN 70603 H 6. Pistole FNH mod.27 7.65 pistol 32 au-tocal SN 421815 H 7. C-D-M mod. cal 22 short w/holster SN157790 SN157790 H 8. Hi-Standard mod. H-D Military 22 cal pistol w/holster & extra clip SN 173887 H 9. Remington 38S&W cal revolver H10. H&R 38S&W cal revolver SN 38846 H11. H&R 32S&W cal revolver SN C35765 H12. Black Powder mod. Philadelphia hand gun 40-41 cal kit SN036936 H13. S&W mod.19 357 mag 5 screw / 38 special revolver SN 125006 - NICE H14. Colt mod.32 semi auto stainless pistol SN 41492 H15. Colt mod.04? 38 auto cal pistol SN40801 H16. Colt mod.04? 38 auto cal pistol SN24600 H17. S&W mod.M13 revolver SN 296460 non shoote

UPCOMING AUCTIONS

LES & VIRGINIA M STETLER ESTATE AUCTION

SATURDAY, APRIL 9, 2016 AT 10:00 AM

601 S Broadway, Salina, KS Antiques, household, miscellaneous items. Watch web site for sale bill.

British * 10 boxes of 45 cal ammo * 2 sealed cans of 30 cal ammo collectible ammo.

MISCELLANEOUS

M1. Crossman mod.2200 .22 cal pellet gun * M2. Daisy mod.880 BB or pellets .177 gun * M3. Daisy Powerline mod.880 pellet gun 14.5mm pellets * M4. Stocks & pumps * M36. Punch tools * M37. Fabrica mod.1933 Mauser action SN 26985 * M38. Doc Holiday gun knife w/cord key chain * M39. Schrade Old Timer knife * M40. Exposure meter w/lens * M41. US Military leather pouch * M42. Folgers can misc knives * M43. Rolls razor sharpener * M44.20 straight edge razors * M45. Mag-nifying glass * M46. Military hand telescope * M47.5 powder flasks * M48. Davis Geck suture surgical gut * M49.12 distress flares * M50. Guns parts * M51. Bullet mold Ser 45-550 * M52. Bullet mold Ser 32-20 * M53. Bullet mold 32WCF Winchester * M54. Ideal Manu bullet mold 38/55 * M55. Bullet mold * M56. Bullet mold * M57. Bullet mold * M58. Remington 25-06 reamer * M59.Kock test indicator * M60. Lighters pocket watches, watches, money clip * M61. Bausch & Lomb binoculars * M62. Wright & McGill fish hook book * M63. Box of reloading dies * M64. Misc gun books * M65. Gun vise

There are many more items not listed or pictured. This will be a full day sale.

ESTATE GUN AUCTION (111 GUNS) SUNDAY, APRIL 3, 2016 AT 2:00 PM

601 S Broadway, Salina, KS About 30 hand guns, 30 Winchester ifles, 25 .410 shotguns. Derringers o shotguns, antique to new. Good quality collection. Check web site for



IONNIE WILSON -OWNER/BROKER/AUCTIONEER * (785) 826-7800 DAVE HUNT - SALES MANAGER * (785) 201-5257 CAROLYN HUTCHINS - OFFICE MANAGER * (785) 823-1177 Lonnie Wilson

Website & Contact Email Addresses: www.soldbywilson.com

LES & VIRGINIA M STETLER REAL ESTATE AUCTION SUNDAY, APRIL 24, 2016 AT 2:00 PM 154 N Ohio St, Salina, KS Single family home of 1,605 sqft with 2 bedrooms, 2 full bathrooms, built 1920. Lot size 6,440 sqft. Watch web site for sale bill.

For Latest Update & Pictures go to website:

www.soldbywilson.com

Any announcement made the day of sale takes precedence over any printed matter



NK HOW PRODU RETHI

We rethought every inch of the new Case IH 2000 series Early Riser® planter with your productivity in mind. We applied Agronomic Design^w principles to make it simpler, faster, more durable and more productive. And we provided you with a bundle of industry firsts - from our rugged new row units that create the only flat-bottom seed trench to our state-of-the-art in-cab closing system you even more control. The result is unmatched accuracy and emergence for a better plant stand and, ultimately, yield. Start rethinking productivity today at caseih.com/newearlyriser

SEE YOUR CASE IH DEALER TODAY! Bruna Implement Rossville Truck & Tractor Seneca, KS **Rossville**, KS 785-584-6195 785-336-2111 AGRONOMIC DESIGN

McConnell Machinery Lawrence, KS 785-843-2676



Straub International 7 Kansas Locations www.straubint.com

Quicken class and Private Pesticide Applicator's Certification exam planned for March 21

K-State Research and Extension is dedicating an evening to agriculture producers. On Monday, March 21, at the Maple Hill Senior Center, attendees may attend a Quicken class or take the Private Pesticide Applicator's Certification exam.

Quicken is a user-friendly, inexpensive record-keeping system. Participants will learn how to use Quicken for their farm, ranch, and family. This workshop is ideal for people currently using hand-kept books and for people with financial software experience. This is a great place to learn if Quicken is a good fit for you: hands-on learning and take-home materials.

Although the class is geared toward agriculture, Quicken is a suitable program for families and any small business. All interested people are encouraged to attend. Participants will set up accounts, enter data, and generate reports.

The class will be held from 6:00 p.m.-9:00 p.m. on March 21 at the Maple Hill Senior Center. Supper (catered by Alma Bakery) is provided. The \$10 registration fee is due by March 16.

The Private Pesticide Applicator's Certification is required to use or supervise the use of restricted use pesticides. The open book examination is being offered from 5:30 p.m.-9:00 p.m. on March 21 at the Maple Hill Senior Center. This is a come-and-go event. Testing typically takes two to three hours to complete. Books are provided; they may also be obtained early through your local Extension office.

There is a \$25 exam fee required by Kansas Department of Agriculture. No pre-registration is required for the exam, but it is requested. Supper (catered by Alma Bakery) is optional; a \$10 fee to cover the meal is required by March 16th.

The evening is sponsored by Stockgrowers State Bank and is hosted by Wabaunsee County Extension, Wabaunsee County Noxious Weed, and Pottawatomie County Extension.

To register for either event, contact the Wabaunsee County Extension Office (apaw@ksu.edu, 785-765-3821, PO Box 278, Alma, KS 66401). Complete details may be obtained from your local Extension office or by visiting wabaunsee.ksu.edu.

Kansas Leadership Center awards grant to Kansas Agri-Women

says Ed O'Malley, president

and CEO of the Kansas

Leadership Center. "New

knowledge, skill and per-

sonal insight await them as

they begin to redefine lead-

Leadership Transformation

Grant will participate in

one of KLC's three core pro-

grams at the Kansas Leader-

ship Center & Kansas

Health Foundation Confer-

ence Center in downtown

monthly 2¹/₂ day training de-

signed for those at every

level, from all sectors who

are ready for a transforma-

tional leadership develop-

ment experience

You. Lead. Now. is a

Recipients of the KLC

ership.'

Wichita:

The Kansas Agri-Women Kansas Leadership Center." (KAW) organization has been named a recipient of a Leadership Transformation Grant from the Kansas Leadership Center.

The Leadership Transformation Grant from the Kansas Leadership Center is designed as a tool to provide transformational leadership training opportunities to organizations and civic entities interested in increasing the capacity of individuals; developing a shared language to deal with difficult challenges and making more progress on tough problems.

'We could not be more excited about the Kansas Agri-Women organization's 2016 participation with the

ADVANCE AUCTION NOTICE Elmer Dean Herr Trust & Marjorie D. Herr Trust

THURSDAY, APRIL 7 – 10:00 AM The Northeast Quarter of 14-21-16 Coffey County (at 14th & Trefoil east of Burlington in Coffey County) with 92.44 acres tillable, balance nice meadow, real nice pond, grass & some trees with good hunting potential There is an older wooden barn on the property & electric service is in place This would make a nice tract to build on. Auction held on the premises. Complete sale bill & pictures at www.kansasauctions.net/kurtz

more information please contact: Kurtz Auction & Realty Service exclusive agent representing the seller only, 785-448-4152 Bryan K. Joy, Trustee Joy Law Office 620-364-8411

FARM AUCTIC SATURDAY, MARCH 19, 2016 - 10:00 AM

At the farm, 2576 Thunder Road, HOLLENBERG, KANSAS From the US 36/K-15 intersection in Washington, go 8 miles north 3 miles east, & ¾ mile north.)

1990 New Holland TR 86 combine; 1982 IHC 3688 tractor; 2008 Dalton 32 ft. anhydrous applicator; 1997 Case-IH 6650, 16 1/2 ft. Consertill w/harrow; 2013 Case-IH 330, 26 ft. vertical tillage turbo disc; 2000 Kinze 3000, 6 row 30 inch no-till pull type planter; Great Plains 25 2600 grain drill; JD 1560, 15 ft. grain drill; Rhino SPHD pto post hole digger; more farm equipment. Call or check our website for complete sale bill and pictures.

NORMA (Mrs. Lyle) HENNERBERG

Terms: cash or good check. Announcements the day of the auction take prece dence over previous advertising.



SATURDAY, MARCH 12 - 10:00 AM 2323 North Jackson - JUNCTION CITY, KS

FURNITURE & APPLIANCES: Settee; Maple Dining Room Set w/4-Chairs: Coffee Table & End Tables w/Marble Tops: Oak Lamp Table; Pine Side Table; 3-Recliners; Duncan Phyfe Desk & Chair; Mahogany & Oak Book Cases; Mahogany Cabinet; Cedar Chest; Maple Buffet; Walnut Vanity w/Mirror; Night Stand; Occ Chair; Smoke Stand; Glass Top Coffee Table; Young Republic Twin Head Board; 3-Piece Maple Queen Bed Room Set (Twin Bed, Chest of Drawers, Dresser w/Mirror & Night Stand); Chifforobe; Wooden Cabinet; Abernathy Vanity; Wrought Iron Table w/4 Chairs; Loveseat w/2-Chairs; Iron Foot Stool; Oak Cabinet Bruce Pedal Sewing Machine; Metal Tower Secretary w/key Filing Cabinet; 2-Sets Card Tables & Chairs; Occupied Japan Dresser Lamps; Several Table & Floor Lamps; Hoover Vacuum; Oreck XL Portable Vacuum. GLASSWARE & COLLECTIBLES: Golden Maze Serving Dish; Green Depression Glass Ice Bucket w/Tongs; Eggnog Set; Lead Crystal & Pewter Candle Holders: 2-German Mugs: Hand Painted Nippon Plate: Royal Rochester Plate: Johnson Bros "Winchester China Set; Lefton Vase; Pyrex Refrigerator Dishes w/Lids; Measuring Cub w/Beater; Oriental Figurines; Snow White Ceramic; Crocks; Red Wing #8 Crock w/Handles; Old Medicine Bottles; Costume Jewelry; Grandfather Clock; Gilbert Wall Clock; Silver Plate Serving Trays; Wooden Snoopy Music Box; Brass Pan Collection; Hollardwood Dogs; Flasks; Wooden Fruit & Bowl; Stainless Salad Set; Copper Coffee Set; Olympia Typewriter; 1964 Marilyn Monroe Life Magazine; Wicker Purses; Purses; Buttons; Several Prints; Weside Dairy Milk Can; Graniteware Coffee Pot CI Skillet; Kerosene Lamps; KU Aerial Photo; KU Banner; 1956 KU Mug; Medical Tools. TOOLS & MISCELLANEOUS: Yardman Push Mower; Wheel Barrow: Metal Tool Box w/Wood Bits: Lopper. Hand Tools: Screw Drivers; Rock Bars; Extension Cords; Garden Hose; 5' Louisville Ladder; 110 Window AC; Metal Wash Tubs; Galvanized Boiler; Cutlery Set; Cherry Pitter; Epson 633 Printer; Zenith Stereo Record Player; Magazine Rack; Hospital Bed; Bedding; Chenille Bed Spread; Afghan; Blankets; Flower Prints; Old Photo Book Daughters Of Desert Photo; Bird Clock; Golf Clubs; Tackle Box; Fishing Poles; Fishing Pole Holder; Christmas Decorations; And Many Many More Items Too Numerous To Mention!

Lead for Change is a three-month leadership development offering, beginning with a four-day experience and ending with three days of training at KLC. Between the in-person gatherings, participants receive four one-hour coaching sessions. Lead for Change is offered three times in 2016. Teaching Leadership is designed for teachers, coaches, facilitators, consultants, mentors and managers of

Grass & Grain, March 8, 2016

leadership development efforts. It features two conferences (June and October) and a series of face-to-face and virtual workshops and webinars.

"We are so pleased to have this incredible opportunity for our members to continue developing their leadership skills so we can be more effective advocates for agriculture," says Jean Goslin, KAW president.

FOR RICHARD REEMS SATURDAY, MARCH 19 - 9:00 AM 627 Market Street - PORTIS, KS Doors Open at 8 AM for viewing!

Selling Over 400 Lots inc.: Tokens* Large Cents inc/ 1795, 1802, 1810* Wht. Cents inc/ 1909s, 10s, 12s, 13s, 14d, 22p, 24d & 31s* 3 Cent Silver Pieces inc/ 1851 & 54* 3 Cent Nickel Pieces inc/ 1867 68* Nickels inc/ 1913s TYI, 13d TYI, 14d, 12s& 16s* 20 Cent Pieces inc/ 1875CC & 75s* 1/4 inc/ 1876, 92o & 94s* 1/2 \$ inc/ 1824, 27, 36 56 550 & 1938d* Peace \$ (several CC) inc/ 1878, 79, 80, 82, 83, 84, 90, 91, 92, 93* Morg. \$ inc/ 86o, 86s, 88s, 90s, 92s, 92o, 93, 96s, 960, 970, 99, 1902s, 04s* Several Comm 1/2's inc/ 1936 Bay Bridge Ark, York County, Texas, Main, Long IS., Iowa, Sesa/, Maryland, Roanoke, III, Grant, Cleveland, Ala, Conn, Oregon Traill, Pilgrim, San Diego, Albany, Lexington, Wisconsin, & Lynchburg* Slabbed Coins nc. 1908IH, 1909svdb, 1937d 3 Legged Buff* Gold Pieces inc/ 1844o \$10 New Orleans, \$3 Gold & St. Gaudens* Lots of Foreigr Coins (some silver). Check Our Website For Complete Listing! SALE CÓNDUCTED BY: WOLTERS AUCTION

627 Market St., Box 68 · Portis, KS 67474 Cols. Jim Wolters and Rich Fairbank, auctioneers Phone 785-346-2071; Cell 785-545-7097 Email: wauction@ruraltel.net Website: www.woltersauctionandre.com

SUNDAY, MARCH 20 — 9:30 AM Dg. Fairgrounds 2110 Harper Bldg. 21, LAWRENCE, KS

ADVERTISING SIGNS & MEMORABILIA

Signs!: 1920's Sinclair 45+ 20x48 porcelain single sided, 1930's Goodyear Service Station porcelain single sided 24x72, 2-1950's Beech-Nut 11x27 w/wax paper, 2-1950's Liggett & Myers Tobacco L and M & Chesterfield 17x24, 1950's embossed Stop 24x24, 1950's Tractors with Lugs Prohibited embossed 18x24, No Trespassing embossed 12x18, Garst Seed 28x67. Camaro & Mustang street signs, Auto-Lite Spark plug 12x24, 1970's Sinclair Oil Rack, Sinclair Dino pump plate, Ford double sided hanger, Summit Tires 16x48, Interstate Batteries 24x60. J.Lester Brown J-Hawk poster board, BF Goodrich Tires Tecumseh Service 24x36. 24x36, Remington Tires 14x60, Firestone F 14x72, Hunting Shooting 12x24, 3-Black Decker Tools 9x23, 3-ACME w/wax paper 15x24, Homelite Jacobsen 15x24. Tracto Motor Oil 12x36, Model Tobacco 1/2 porcelain, Orange Crush Stout 27x20, Phillips 66 X/C 18x20, Gates 7x36, KOOL Cigarettes 11x26, Homelite Chainsaws 16x24, Oregon Chain 16x24, 1960's BF Goodrich First Rubber, Getty, Danger High Voltage porcelain, KM Kerr McGee Stout pump plate, "Indian Head" Overalls 12x12, Hide-A-Key 12x12, Contains Lead porcelain pump plate, 1972 Farm Bureau 12x18, 1970's Lawn Boy Power Equipment 12x18, Royal Crown Cola Stout 12x18, Snapper 16x72, Good Year Tires 18x120; Thermometers 36/24/12: 1950's Prestone Anti-Freeze porcelain, 1950's Nor'Way Radiator Products, 1960's Chew mail Pouch Tobacco, 1970's Dairymen Inc. Rutlader KŚ, Goodyear, Camels Cigarettes, Red Man Land, 1970's oval Pepsi, Fletcher Tools oval, "Dust Devil" Beef & Dairy Cattle oval, Wintergreen Flavor Chewing Tobacco oval, Ortho square; US Feeds oval chore clock; GE Auto Lamp Bulb display; Justice Bros. oil can display; Oil Cans: Sinclair, De Laval, Delco, Quaker State, Early, Valvoline, Penzoil, COOP, Kendall, Harley Davidson & More!; Chrysler Master Parts clock; Phillips 66 coin bank; MAC Bulldog emblem; 1950's Chevrolet hood emblems; Chevrolet porcelain radiator emblem & other Chevy items; 1950-60's Dg. License plates; AC Spark Plug cleaner; rubber tire ashtrays; Topeka Santa Fe ashtray.

COLLECTIBLES & MISC. 9 Gumball Machines: 1940's 1cent Northwestern?, Beaver Mark & Venda Toys 1 cent, Beaver 25 cent. Baby Grand 1 cent wood, 5 cent no name, 2-Oak 1or 5 cent, Oak 10 cent; 25 cent Ready-Brush tooth brush machine; 5-10 cent US Postage Stamp machine; 2 hr. meter; parking Winston. Camel, Salem cigarette dispenser rack; Royal Crown Cola cooler; Keystone Radioptican model 411; Emerson brass bladed fan; cast Horse head; cast beer opener; 1959 Piels Light beer clock; 1940's MARX Santa Fe train set w/1669 transformer/signal light/metal track; metal Hallmark stake truck; 1950's Tonka fuel truck; Louis Marx trac wind-up tractor; Marx #5 wind-up tractor; Johnny Lightning/Match box/Tyco Coke toys; 1940's OK Football original box; 1950's Pepsi Fountain light; wooden advertising boxes; paper ammo; 1 1/2 Fire hose & Hose Rack; 1940's Sports A Field/Outdoor Life; comic books; wooden golf clubs; wooden yardsticks (Lawrence & surrounding); Big Ben tobacco tin; Folgers tins; Hoppe's #9 gun oil tins; Big Chief bottles; several Soda bottles; Humphrey Bogard poster; Match Books: Jayhawk, Topeka, Gas, Oil, Many More!; Colt Revolver, NRA, Custom belt buckles; **Cast-Iron:** #8 & 10 Wagner Dutch ovens, #3 & 10 Wagner skillets, #9 chef skillet, #8 Wagner waffle iron (low base), #10 Griswold muffin pan, #5/8/10 skillets; cow bells; metal & glass wash boards; Texaco airplanes w/boxes; Bowersock Mills flour label; marbles; coin banks; hay hooks; horse hames; ice tongs; traps; Western Electric phone bell; Craftsman two-sp. band saw; Makita tools; household; baskets; many unlisted items!





Page 33

WEDNESDAY, MARCH 16 — 7:00 PM Auction to be held at the Wamego Senior Center WAMEGO, KANSAS

420 Acres m/l Prime Creek Bottom Ground, Southern Pottawatomie County, Kansas

2 1/2 miles NW of Louisville (watch for signs). TRACT 1: Legal Description: SW4 17-9-10 & Tract in SE4 18-9-10. Consists of 180 acres m/l of excellent crop ground. None lays better. It primarily features Kennebec silt loam as well as Reading and Wymore silty clay loam. Rock Creek runs partially along the southwest border of this field.

TRACT 2: Legal Description: NE4 18-9-10. A grain/seed facility is featured on this quarter section. There is 140 acres m/l of farmland and 8 acres m/l of native meadow. Soil types and percentages are very similar to Tract 1. Another nice laying field.

TRACT 3: Legal Description: Tract in N2 NW4 18-9-10. This tract consists of 82.68 acres of which 76 acres m/l is crop ground and 6 acres m/l of waterways. This tract is terraced and mostly Wymore silty clay loam with a lesser amount of Elmont silty clay loam. Another very productive parcel.

AUCTIONEER'S NOTES: The opportunity to purchase this quality of farmland may come along only once in a lifetime. The property lays the very best with Brush Creek crossing two of the tracts and Rock Creek running along the southwest border of Tract 1. The property would make a great addition to any farming operation or a successful investment. Each tract has blacktop access and is less than 10 miles from a modern grain handling market. Don't miss this opportunity!

Watch our website for more information as it becomes available TERMS: Complete Legal to appear on contract. 10% earnest money or the day of the sale with the remainder at closing on or before April 14, 2016 Title insurance and escrow fees to be shared equally. The sale is not contin gent on financing and all inspections should be conducted prior to the auc-tion at bidders expense. Property sold "as is, where is" without warranty. Murray Auction & Realty is acting as an agent for the seller. All informa-tion obtained from sources deemed to be reliable but not guaranteed. State-ments made the day of the auction take precedence over printed materials.

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Grass & Grain, March 8, 2016 Page 34 **Rigorous competition results in four elite Henry C. Gardiner Scholarship winners**

scholarships were awarded in 2012, Henry C. Gardiner scholarship applicants represent the best and brightest animal science and Industry undergraduates enrolled at K-State University. The program creates a competitive environment for qualified students to vie for elite undergraduate scholarships. In addition to the applications, students must complete a rigorous interview conducted by a panel of K-State faculty and indusleaders. Academic trv standing, community service, work ethic and future goals are taken into consideration.

Henry C. Gardiner Scholarship recipients for the 2016-2017 school year are Lauren Prill, Wichita; Cami Roth. Sterling: Barrett Simon, Leon; and Savannah Speckhart, Princeville, Ill.

Lauren Prill transferred to K-State from Black Hawk College, Seville, Ohio,

Each year since the first where she was a member of the livestock judging team. Lauren has served on the board of the Kansas Junior Hereford Association and attended the National Youth Leadership Conference as a member of the Junior Maine-Anjou Association. Prill interned in one of the largest county Extension offices through the University of Nebraska, Holdrege. Plans for the future include working in the animal welfare sector and being an effective industry voice.

Cami Roth has added to work experience her through internships with large commercial ranching operations, as well as managing a small herd she began building at a very early age. Roth has traveled to South America to broaden her industry experience. Cami plans to return to the family ranching operation and partner with her brother to become the fifth generation of Roth beef produc-



2016 Henry C. Gardiner Scholarship winners include, from left: Cami Roth, Sterling; Barrett Simon, Leon; Lauren Prill, Wichita; and Savannah Speckhart, Princeville, III.

ers Barrett Simon transferred to K-State from Butler County Junior College. Simon has gained valuable beef experience as a member of the K-State Livestock

Judging Team and through his participation in youth leadership endeavors. Simon has broadened his perspective through attendance at Beef Improvement Federation annual meet-

rett plans to return to the family beef operation and earn a position as the next generation decision maker.

Savannah Speckhart also transferred to K-State from Black Hawk College, graduating at the top of her class. Speckhart has gained experience through internships at Westwood Embryo Services, Waverly, Iowa, and is certified in bovine artificial insemination. As an undergraduate researcher, she is currently assisting in research related to blackhided feedlot steers. Savannah's near-term plans are to complete undergraduate requirements and pursue a post-graduate degree.

"It is incredibly rewarding for the Gardiner Family to be a part of this process," said Mark Gardiner. "From the students competing for the first scholarships in 2012 through the most recent applicants, the caliber of intellect, integrity and ambition

ings. After graduation, Bar- is beyond any expectation. The future of the beef industry is bright if we can continue to provide a pathway for these young people to achieve success in the livestock industry."

Students classified as a rising-junior, junior or senior, either enrolled in or planning to enroll at Kansas State University with a major in Animal Science & Industry or closely related field may apply. Henry C. Gardiner Scholarships are awarded annually to K-State students meeting rigorous criteria and exhibiting a passion to improve the beef industry.

The Henry C. Gardiner Scholarship is possible through the generous contributions of Gardiner customers, friends and family in an effort to continue the legacy of Henry Gardiner. To date, fourteen undergraduate students have received \$60,000 in scholarships.

Agritourism – protecting your assets while sharing agricultural experiences

By John Forshee, River Vallev Extension **Director/Community** Development

Several decades ago, producers agricultural began to realize that they could supplement their farm income by charging for agricultural experiences

that we all took for granted growing up on the farm. Many have learned to tap into that Agritourism market and have successfully "harvested" travel dollars and worked toward generating more tourism in Kansas. As with all things in life where there are rewards

FARM EQUIPMENT AUCTION

THURSDAY, MARCH 24 — 11:00 AM SELLER: SCHARTZ FARMS

LOCATION: 1061 E RD., LARNED, KS 67550. FROM LARNED, KS-GO 8 MI. S & 34 MI. E ON "E" RD, S SIDE

TRACTORS, GRAIN CART & HEADER: Case 480 Quad Trac w/3 Pt., PTO, 30", 5830 Hrs.; JD 4430 Tractor w/Westendorf Loader Case IH 2412 12-Row Corn Head; Kinze 1040 Grain Cart, Row Crop. 38" Duals. TRUCKS & TRAILERS: `01 Peterbilt 379 w/C-15 Cat Eng.; `74 & `75 IH Loadstar 1700's w/Drill Fill Augers; `06 Neville Grain Trailer, 40' w/Tarp, New Tires Last Fall: `92 Timpte 42' High Side Grain Trailer; Thunder Creek 750-Gal. Fuel Trailer. FARM EQPT.: Sunflower Fallowmaster M.3060, 42' w/Pickers and Packer Hitch; White 16-Row 8800 Planter w/30" 3-Bu. Boxes; 35-4000 Great Plains Drill M.6375-03, 71/2" Spacing, 40' with Liquid Fert.; 40' 3-Sect. Packers; Krause 4432V X-Fold Packers; 4300 Krause Chisel, 32' w/Harrows; Case IH 20' Rotary Hoe, M-181 ROHO; Buffalo 16-Row Folding Tool Bar; 35' Sunflower M.1433-35 Disc; Hawkins 8-Row 5x7 3-Pt. Tool Bar: 3-Pt. BLUJET Track Filler.

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there are also risks. Therefore, one of our goals when we have an Agritourism business is to minimize those risks. The Agritourism Promotion Act (K.S.A. 110-41-2) that was signed into law in 2004 provides support for Agritourism but also provides very valuable limitations to the liability that an provider acting in good faith

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efforts might be subject to. In order to take advantage of this limited liability, however, a Agritourism business must do a few simple things.

First, the business must register through the Kansas is

the visitor experience provided. Once this information is provided, the KDWP&T reviews the registration to make sure that the operation qualifies as an Agritourism activity or operation. Note that this is not regulatory in nature in any way. This review simply is to insure that the benefits go to Agritourism as intended

approved, the KDWP&T will provide the business with a certificate that is good for five years. You must have this certificate to take advantage of the liability limitation. The next step is for the

business to obtain and display in prominent locations the Agritourism Registration WARNING sign. This reads: WARNING: sign under Kansas Law, there is

no liability for an injury or death of a participant in a registered Agritourism activity conducted at this registered Agritourism location if such injury or death results from inherent risks of such Agritourism activity. Inherent risks of Agritourism activities include, but shall not be limited to, the potential of you as a participant to act in a negligent manner that may contribute to your injury or death and the potential of another participant to act in a negligent manner that may contribute to your injury or death. You are assuming the risk of participating in this registered Agritourism activity. This limited liability signage is available through the Kansas Horse Council by calling 785-776-0662 or going to the website at www. kansashorsecouncil.com and placing the order online.

Finally, the business must re-register at the end of five years in order to continue to take advantage of the liability limitations afforded by the law.

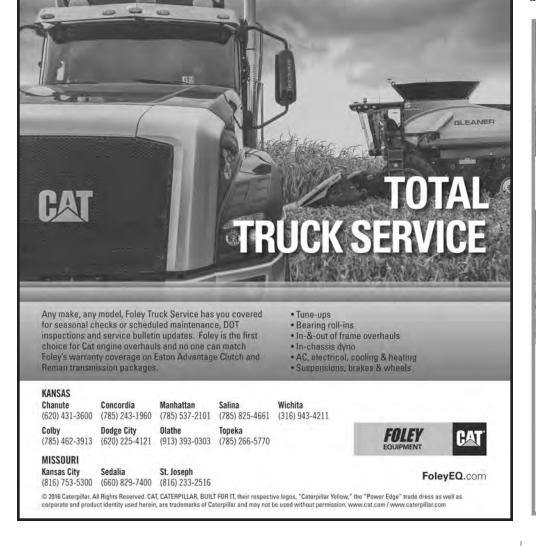
This is not to say that you don't need to take other steps to limit liability. 1) First, use waivers as appropriate to help people understand the risk they are taking so that they consciously

assume that risk. 2) Avoid negligence. This means keep all equipment in safe working order and eliminate all known safety hazards if possible. 3) Operators should be good stewards and know the condition of the land, animals, buildings and equipment. This relates back to number two and often is just using good judgment and common sense as an operator when it comes to risks. 4) Make sure participants and operator know what the activity is. how to do the activity safely, and that they are participating in it. 5) Maintain a liability insurance policy that covers the activity. Don't assume your homeowners or farm liability will cover it. Involve your insurance agent as you get started. 6) Finally, get to know your attorney! Make sure that all waivers, activities, policies, etc. take advantage of the Agritourism Act as well as all other protections under common law.

Good luck and be creative as you work to develop, expand, or improve your agritoursim in the River Valley Extension District. The contact at KDWP&T is Sue Stringer. Her phone number is 785-296-1847 or 785-207-2685 or email Sue at sue.stringer@travelks.com.

Department of Wildlife, Parks, and Tourism. The website www.kansasagritourism.co m. Registration includes a Agritourism description of the Agritourism activity, the location of the operation, and

> in the law. Once the registration is





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Grass & Grain, March 8, 2016 Know Your breakeven and manage accordingly

Using only wheat vari-

able costs including the cost

of seed, pesticide (including

herbicides, and fungicides),

and fertilizer/lime would be

\$90.50. Using the current

price estimates, hard red

winter wheat must yield

nearly 23 bushels to cover

where they are, producers

must be great managers and

With commodity prices

the variable costs.

more

By Josh Coltrain, **Crop Production Agent**, Wildcat Extension District

Ben Franklin said "By failing to prepare, you are preparing to fail." In an effort to prepare producers for a potentially poor agricultural economy in the coming years, the Agricultural Economics Department at Kansas State University has developed a series of webinars called the Farm Financial Series. The first of those webinars was presented on February 16 which was titled Managing Risk in Today's Agricultural Environment. One of the topics mentioned was importance of knowing your breakeven when commodity prices are low.

Many producers already know their breakeven and manage accordingly. However, there are also producers who don't consider them and in this environment. that choice may be incredibly costly. For the purposes of this article we will use the 2015 Farm Management guides put together by the Ag Econ Department.

First, let's consider dryland corn with the lowest yield goal of 99 bushel per acre. According to the Ag Econ numbers, the estimated costs per acre for the 2015 Farm Management guide are \$419.29 and the estimated income per acre without net government payments, crop insurance pavouts or other miscellaneous income was \$355.41 using a \$3.59 per bushel commodity price. This results in a net loss of \$76.73 with a breakeven of nearly 117 bushels per acre. Many producers would argue that some of the costs are not necessary or unrealistic, but let's use this as a worst-case scenario.

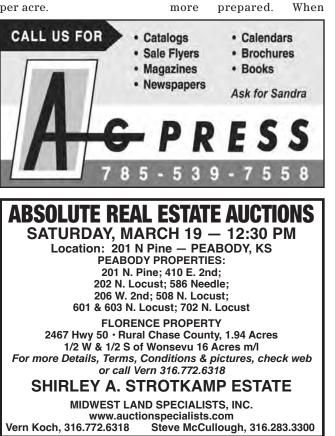
poor years like this one may be; figuring the breakeven on just the variable costs may be one way to manage. It must be pointed out, however, that this is not a financially sustainable management method. If we only include cost estimates for seed, herbicides, and fertilizer/lime, the cost of those items would be \$242.23. Using the previously mentioned \$3.59 price, the corn would need to make 67.5 bushels per acre to cover these costs. If we were to lower that price to \$3.00, the corn would require nearly

81 bushels to cover the cost. Next, let's consider soybeans. Once again we will use the low yield goal of 27 bushels per acre. In this case, the budget projects an income of \$254.07 using a \$9.41 per bushel price (which was accurate at the time, but far too high right now). The estimated costs are \$245.79 for a net return of \$8.28 per acre. If we use a more realistic price estimate of \$8.25 per bushel, a net loss of \$23.04 per acre would be projected and nearly 30 bushels per acre would be required to breakeven.

Once again, if we just consider the variable costs of seed, herbicide, and fertilizer/lime, the cost of these items is estimated at \$118.62. To break even using the previously stated \$9.41, it would only require nearly 13 bushels per acre to breakeven. However, using a more realistic \$8.25 per bushel price, the breakeven amount rises to nearly 14.5 bushels per acre.

Finally, let's look at hard red winter wheat. The 2015 Farm Management guide low yield goal of 43 bushels per acre creates an income

Some may argue that for of \$254.56 using a \$5.92 per bushel price (which was once again accurate when it was made but far too high now). The total cost estimate is \$235.00 for a net return of \$19.56 per acre. Again, using a more accurate (and maybe optimistic) price estimate of \$4.00 would result in a net loss of \$63.00 per acre and the breakeven yield would require nearly 59 bushels per acre.



prices were high, breakevens were incredibly low and decisions were easy. Now that prices are low, the decisions are much more important. If you have questions or would like more in-

formation, please call me at the office (620) 724-8233, or e-mail me at jcoltrain @ksu.edu, or visit the Wildcat Extension District website at www.wildcatdistrict. ksu.edu.

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NOTE: This is just a sampling of the many items on this auction. There are still buildings that we have not entered. Surprises?! Yes! SEE YOU AT THE AUCTION ... Vern

CONEBURG ITEMS Pheasant Budweiser Coneburg Inn Neon Sign; Bull Dog Neon Sign-not working; Coneburg Inn Neon Sign; 2 Spud Bud Signs; Coors & Miller Signs; Beer Top Handles; 2 Coors Pool Table Lights; 2 Large Schlitz Outdoor Beer Signs; Large Flastaff Outdoor Sign; Cardboard Beer Signs; Beer Pitchers & Glasses; Wooden Cigarette Display Cabinet; Large Pool Table & Pool Cues

COLLECTIBLE & OTHER 2 Flat Top Trunks; Camel Back Trunk; Claw Footed Piano Stool; Push Garden Cultivator: Wash Stand, Green Malt Mixer: Handheld School Bell; 4 Rendering Kettles; 11' 6' Church Pew; Rowe AMI Juke Box (works?); Several Feet 2" Brass Foot Rail; Old Quilts, Flower Signs; Iron Youth Bed; 2 Cistern Pumps & Cups; Iron Wheels, Oil Lamps; Wash Tubs, Wooden Screen Door: Old Cash

Register; Pullmam Step Stool; Metal Porch Seat: Wooden Table & Chairs: Stainless Steel **Back: Metal & Wood Storage** Cabinets: Steel Shelves: Motion Activated Fish; Glass Display Cabinet; Twin Window Fan; Glass Display Cabinet. SHOP & YARD

2-Pickup Bed Trailers; 6' x 8' Steel Floor Tilt Trailer: Heckendorn 48" Riding Mower; Heckendorn 24" Push Mower; 6" Power Post Hole Auger General Guardian Series 8KW; Natural Gas Powered Generator; Werner 28' Ext. Ladder; Werner 6' Step Ladder: Electric Chain Saw; Homelite WaterBug; Gas Powered Brush Black Cutter: Max Air Compressor; 30" Round Bolt Organizer/stand; Big John Sump Pump; Wheel Barrow, Yard Cart; Ext. Cords, Hand Tools, Rakes, Spades, Etc.; New Oil, Coal Oil Heater, More







LAND AUCTIONS

March 17: Dickinson County Land E/2 of NE1/4 of 14-11-1E, Creek bottom tillable and the SE/4 of 11-11-1E a mostly tillable 1/4 that sits across the road, 4 miles N. of Talmage. Call Brad, 785-280-0915!

March 29: Clay County Land SW/4 of 34-10-3E Productive upland tillable 1/4 @ the Clay /DK county line just 5 miles S of Wakefield. Call Ray!

April 7: Jewell County Land Part of the NE/4 22-2-6W and the E/2 of the NW/4 17-2-6W, Excellent farmland currently in alfalfa just below Lovewell Reservoir. Call Ray!

HORIZON

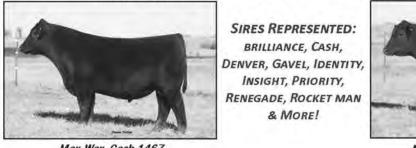




BULL & FEMALE SALE

March 9, 2016 | 6 pm | Complimentary Meal @ 5 pm Overbrook Livestock Commission Co, Overbrook, KS

Offering: 80 - 18 month old & Spring Yearling Angus Bulls and Angus **Commercial Females**

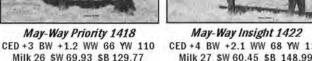


May-Way Cash 1467 CED +5 BW +2.2 WW 68 YW 130 Milk 25 \$W 51.80 \$B 179.51



May-Way Brilliance 1439 CED +7 BW +1.8 WW 50 YW 86 Milk 21 \$W 42.46 \$B 133.37





May-Way Insight 1422

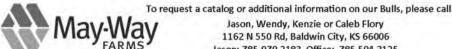


May-Way Denver 1430



May-Way Cash 552 CED +4 BW +2.1 WW 68 YW 119 CED +11 BW +1.1 WW 71 YW 116 CED +8 BW +1.2 WW 58 YW 112 Milk 35 \$W 77.15 \$B 148.19 Milk 18 \$W 40.47 \$B 129.30

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LiveAuctions

Grass & Grain, March 8, 2016 Page 36 An MBA in selling more beef, since 2010

By Laura Conaway

It's hard to sell something you don't know much about.

That's the basic idea behind a program that began five years ago, bringing meat salespeople to cattle country for intensive training. "Meat experience in

UCT

Hwy., 3 miles north, 1/2 mile west & 1/4 mile north.

SATURDAY, MARCH 12 - 10:00 AM

Offering for sale at Public Auction, located at 7511 N. Ander

son Rd., Newton, KS from the intersection of I-135 & K-15

TRACTORS, FARM MACHINERY & PICKUPS

See last week's Grass & Grain or website for full listings.

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sales is not as in-depth as it used to be," says Deanna Walenciak, director of marketing for the Certified Angus Beef[®] ($CAB^{\mathbb{R}}$) brand. "As our industry has changed, there are not as many people working their way up through the cut shop to sales."

The void makes people less prepared to face sales objections or confidently sell beef as a whole category, not to mention a premium product like CAB. That's where the idea for the company's Masters of Brand Advantages (MBA) was born in 2010.

The course encompasses three sessions and covers everything from cattle production to beef sales. "They need to understand production agriculture and they need to have experienced it," Walenciak says. "We want to deliver ten years of experience through a threeweek program "

Spread out over six months, the curriculum includes a week on the road visiting Angus seedstock and commercial ranches. followed by feedyard and packing plant tours. Weeks two and three-meat science and sales workshop weeks-involve the science behind the specificationbased brand, getting handson with a carcass breakdown and sales strategies. It culminates in a final exam with multiple choice questions, carcass and cut matchups and sale scenarios

When CAB recognizes its

(HI) NSIGNMEN SATURDAY, APRIL 2nd, 2016 — 10:00 AM **13900 Barton Road — LEONARDVILLE, KANSAS** We are accepting farm machinery & construction equipment. No tires. FRACTORS: 1961 John Deere 3010 tractor with John Deere 148 loader; CONSTRUCTION EQUIPMENT: 2004 Gehl 6640 Turbo skid steer, 82 HP, 900 hours, 6 ft bucket; FARM EQUIPMENT: DuAL loader, 8ft bucket; John Deere grain cart, 400 bushel; John Deere 4000 14 ft offset disc; John Deere running gear, 12 ft x 9ft; Hesston BP 25 hay rocessor; John Deere 450 manure spreader;; 1973 Vermeer 605 Super C round baler; TRUCKS & TRUCK BEDS: 1996 Freightliner FL60, 172,000 miles, rebuilt Cummins 8.3 notor, Allison Automatic; 1981 Ford fuel truck, 75348 original miles; 2001 Classic trailer bed white; Omaha Standard truck bed, 8 ft x 6 ft; TRAILERS: 1981 Lordcraft Low Boy triple Ixle trailer, spring loaded ramps; LIVESTOCK EQUIPMENT: 10-10ft portable galvanized fencing panels. Contact Lori Rogge to consign your items. Consignments will be accepted until Friday, April 1st. See updated list and pictures on genefrancis.com GENE Lori Rogge, REALTOR[®] & Auctioneer **FRANCIS ASSOCIATES**LOTI Rogge, REALTON (785) 556-7162 lori@genefrancis.com Manhattan, KS www.genefrancis.com

tenth class this year, it will have trained 205 in all, so far. Those are mostly brand specialists, buyers and sales managers from foodservice distributors from the U.S. and 52 other countries seeking an extensive bank of knowledge for their protein sales repertoire. "Each participant has to give a professional sales presentation that's critiqued and graded," Walenciak says, "Obviously our goal is for everyone to succeed, but we want them to feel confident when they walk across that stage, and take that with them back to their businesses."

CAB supports student success at every turn, along with building relationships on the production side for those who open their gates to the traveling groups. In a five-year span, eight seedstock operations, 21 commercial ranches, seven feedyards and nine packing plants have contributed to the unique educational opportunity.

"These groups are so eager to learn," Walenciak says. "Over the years we've learned to slow down and start with some basics to make sure they're digesting everything that we give them."

Then it's all about doing. "I like this quote," Walenciak says: "Tell me and I'll forget; show me and I'll remember: but let me do it and I'll understand."

Always innovating along those lines, the most recent class injected oranges to replicate cattle vaccinations. "We've learned the recipe is repetition and action," she says. "So we challenge ourselves. Did we help them leave here as an expert?" Eric Mihaly answers that question. The CAB specialist for Sysco Eastern Maryland LLC was recognized as last year's CAB Specialist of the Year and spoke to the first international MBA group of his experience, saying, "The MBA class took me from a boy with a job to a man with a career." "It may not seem like it, but this changes people's careers," Walenciak says. She's heard the testimonials about "best CAB sales years" at distribution companies from MBA grads who subsequently earn more in pay and bonuses. "These people have the chance to become a specialist in a product area that's highly profitable, and that makes them very valuable to their companies."

So how is the value measured for CAB and its producer owners?

Sure, foodservice sales continue to grow and there's a list of people waiting to take part in the next available class, but attributing that to the program is difficult. CAB president John Stika puts it in terms that hit

close to home for producers.

"Calving. It's not necessarily rocket science, but it isn't easy either," he says. "Sure, you can be familiar with cows, but until you've actually pulled a calf, gone through that entire experience from start to finish, it can be difficult to speak about it. To experience it firsthand versus having someone tell you how it's supposed to be done brings about a vastly different level of confidence."

Equipped with that confidence when selling, graduates begin to attract supporters.

"We're really taking the process of selling high-quality beef and backing it up with experiences and firsthand knowledge of how that product goes from the cowcalf producer clear to the consumer," Stika says. "It's when people can see it, touch it and experience it, that they become confident to sell it."

That's the brand's takeaway and the driving force all along, which is why past graduates often ask about an MBA 2.0 to continue their education.

CAB will keep advancing the program because of the net results.

"It's the fact that we continue to generate followers who appreciate our story," Stika says. "It's nonfiction, rooted in these visits with some of the thousands of cattlemen who are striving to bring a quality product to consumers, and doing it effectively and efficiently."

600 ACRES +/- NESS COUNTY, KANSAS FOR DELBERT & LILLIAN MOORE LIVING TRUST MONDAY, MARCH 21 — 1:00 PM Auction Location: Ness County Bank Bldg., 102 Main St., NESS CITY, KANSAS Live Internet Bidding Available.

Legal Description: Tract I: NE/4 of 8-18-22. F.S.A Info: 140.87 Acres Cultivation, 10.95 Acres Unfenced Grassland & Waterway 4.36 Acres of Old Homestead; Tract II: E/2 of SE/4 of 8-18-22 F.S.A Info: 53.85 Acres Cultivation, 25.78 Acres Grassland; Tract III: The Center 1/3 of NE/4 of 29-17-22, F.S.A Info: 51.94 Acres Cultivation; S.W.D.-Seller is retaining S.W.D. payment for the period of the existing agreement ending June 1st, 2019. Tract IV: NE/4 of 7-18-22, F.S.A Info: 120.21 Acres Cultivation, 37.27 Acres Grassland. Tract V: NW/4 of 17-18-22, F.S.A Info: 155.65 Acres Grassland. Possession: Upon closing on idle cultivation, and grassland with buyer paying \$4,052.82 on Tract I and \$735.07 on Tract II for chemical and application. Possession on planted wheat acres will be after the 2016 wheat harvest with landowner(s) 1/3 share of the harvested wheat delivered to the nearest elevator in the Purchaser(s) name, with buyer paying 1/3 of the fertilizer cost and any other costs associated with the growing wheat crop. For terms, or a complete brochure, contact

FARMLAND AUCTION & REALTY CO., INC.

FARM & RANCH EQUIPMENT AUCTION SATURDAY, MARCH 12 - 10:00 AM 1266 75TH ST — EUREKA, KS 67045 **KENNETH PIKE, SELLER** Tractors JD 4450 w/Koyker 510 Loader, Cab, 10k hrs #RW4450H002597 * 67 JD 4020 1 Owner, #154523 Farmall M.

Pickups 04 Ford F350 XL Super Duty, Power Stroke, 6.0 Turbo diesel, 4WD, 6 Speed w/ DewEze 477 Bale Bed, Elec/Hyd, 113k miles, 1 Owner * 88 Ford F250 4WD V8 * 77 Ford F700 Grain Truck, 4 Speed, 18' Bed * 69 Ford F600 Grain Truck 4 Speed 1 Owner Combine Gleaner F Combine, Allis Chalmers Diesel, 18 Foot Header Cab, Air, Serial #FKS25259. ATV 08 Kawasaki Brute Force 750 ATV, 4WD. Farm & Livestock Equipment Sunflower 1234 21' Disc. Rock Flex Disc Blades, Like New * 28 Ton Overhead Bulk Bin with Divider * Bush Hog 2512 12 Foot Rotary Mower, 1000 PTO, 3pt Wilbeck 15' Tandem Disc * Kniebler Pop up Bale Loader * 3" Trash Pump New * JD Rotary Hoe * (26) Farm Master Portable Panels, 10 * 15 Flat Bottom Bunks * 3 pt 200 Gallon Sprayer with 540 PTO Pump * 1500 lb Cake Feeder 12V * Loading Chute * JD 95 Riding Mower. MISC ITEMS TOO NUMEROUS TO MENTION. DIRECTIONS: From HWY 54 and State St in Eureka, south on State St (P Rd) 6.5 miles to 75th, west on 75th .5 mile to property.

Cash, approved check with bank letter of credit, or credit card. 3% buyers premium

> WWW.SUNDGREN.COM SUNDGREN REALTY INC. JOE SUNDGREN, BROKER 316-377-7112 JEREMY SUNDGREN 316-377-0013

SATURDAY, MARCH 19 - 11:00 AM To be held at the WISCHROPP AUCTION FACILITY, 930 LAING, OSAGE CITY, KS (just east of Sonic on HWY 31)

I.H. 3688 Dsl Tractor; Cab, Air, 3 Hyd Outlets, Front Wts, Good Rubber, 4775 hrs, SN 002609; M.F. TO-20 Tractor; 3 pt., 12 Volt System, Good Rubber, SN 120066; Vermeer 605H Big Baler, Kicker Wheels Low Bale Count; N.H. 114 Hydro-Swing Swather; J.D. 640 3-Wheel Rake: King Kutter 6 ft Blade, 3 pt.: Snyder Ind, 55 Gal Spraver, 3 pt. David Bradley Model 917 2 Wheel Manure Spreader on Rubber: Osmo Fert. Spreader/Seeder, 3 pt., PTO. PICKUP: 1997 Ford F 350XL, 7.3 Dsl, 5 spd, 4WD, New Rubber, Dually w/ Hydra Bed HB 350, 10 ft w/ Tool Box, 123,500 miles, Always shedded. Remington Airmaster 77 Bolt Action Air Rifle w/ O.B.; Professional 2 qt Pneu matic Spray Set; Full Set of Q.I.T. Gear Pullers; Werner 24 ft. Extension Ladder; Westway 16 1/2 ft Alum 4-Way Ladder: Centrapneumatic 50 ft. Hose Reel, Retract; Steel Stock Racks for 16 ft. Bed; Craftsman Band Saw & Drill Press; Sears Motorized 10 in Table Saw; B & D Hedge Trimmer; P.T.O. Overriding Clutch; Omaha 21 Pc 3/4 in. Socket Set; I.H. Hydraulic Cylinder; Some Hand & Shop Tools.

As they retire & move out of state: DALE & KATE MCKANNA, Sellers, BURLINGAME, KS

Krause No 4900, 24 ft., Hyd Wing Disk 3 Bar Mulcher, Wing Wheels. Kent Series V, Field Cultivator, 24 ft., Main Frame Walking Axles. Wing Wheels, 4 Bar Harrow; J.D. 8300 Grain Drill, Press Wheels, D-D Openers w/ Cylinder; Case I.H. 950 Cyelo Air Planter, 6-R; I.H. 55 Chisel Plow, Pull Type, Spring Shank w/Extensions, 14 ft w/cyl MR. & MRS. BOB WILKIN, Sellers, BURLINGAME, KS

2012 Freedom Enclosed Trailer 8.5 x 26 Dexter Axles, 5600 lb. Extra Height of 6'10.5". Brakes on all wheels, 4' side dr, 2 spares, 8 D rings in flr., E Track Sys., 6 lug wheels w/upgraded tires, Under-Coated, painted inside both walls & flr., Used 3 times. Like New; J.D. LT180 Lawn Mower, 48" deck, 18 HP Kawasaki Engine, 361 hrs, One owner; Craftsman DLT 3000 Lawn Mower w/ 42" Deck, Briggs & Stratton 18.5 HP Engine; Farmall H Tractor, 12 V, New Tires, 3 pt, 3 pt. Boom: 14 HP Power Washer: 1947 H Farmall, no hood, not running.

GRAHAM PARKS, READING, KS

J.D. No. 1010 Field Cultivator, 27 ft., Walking Tandems, Wing Wheels w/ 3 Bar Mulcher; Kuker 400 Gal Pull-Type Sprayer, Plastic Tank, Booms

FRED DIVER, Seller, BURLINGAME, KS

1999 I.H. 4900, 530 E Engine, Allison 6 sp, 13' Dump Rock Bed 2005 Crown Victoria, 4.6 w/ 102,030 miles; 2001 Ford Explorer, 4.0 w/ 158,556 miles; 1998 Landoll Lowboy, GAWR ea. Axle 20,000 lb.; 2000 TS-100 New Holland Tractor, 100HP, Electroshift, 16 x 16 w/Tiger B100CG 0" Sidemount Mower; 2009 15 ft. Bush hog 2715 Batwing Mower, Pull Behind; 1997 15 ft Shulte Batwing Mower, Pull behind; 1997 10 ft Shulte Mower, Parts only; (8) 60gal Oil Storage Tanks.

OSAGE COUNTY KS, ROAD & BRIDGES

NOTE: Almost all the items from McKanna, Wilkin & Parks are in good to excellent condition. Most have been shedded and had limited use. ***KANSAS SALES TAX APPLIES*** On Miscellaneous Items. MANY, MANY OTHER ITEMS NOT LISTED-IN-SPECTION DAY OF SALE ONLY

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496.46 ACRES (in 3 Tracts) • GEARY COUNTY, KS

SATURDAY, MARCH 12, 2016 – 2:00 PM Courtyard by Marriott, 310 Hammons Dr. Junction City, Ks. Property Address: 10182 Humboldt Creek Rd. Junction City, Ks From Exit 304 off 1-70, the property is 5 miles south on Humbold Creek Rd

Some timbered hills to productive cropland with Humboldt Creek dissecting the fertile cropland. Beautiful valley with Flint Hills on each side. Wildlife habitat.

Property of the late Robert D. Jones & Phyllis J. Jones

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2.089 ACRES IN COWLEY COUNTY. KANSAS NÁTIVE GRASS GRAZING LAND • WILDLÍFE • DEER

FRIDAY, APRIL 8 - 2:00 PM AUCTION LOCATION: QUALITY INN, 3232 N. SUMMIT ST., -**ARKANSAS CITY, KS 67005**

SELLERS: CROSS T, LLC

PROPERTY ADDRESS: O US HWY 166. Dexter. KS. PROPERTY LOCATION: From the roundabout at junction of Hwy 77 and Hwy 166 East of Arkansas City, the property's North entrance is approximately 12.5 mi. east on Hwy 166, the property borders Cowley State Fishing Lake. The South entrance is 2 mi. East on Hwy 166 to 211th Rd, then South 4 mi. to Maple City and West on 292nd Rd, 2 mi. to 191st Rd. North on 191st Rd for 1/2 mi. to the pens on the property, OR continue 1/2 mi. West on 292nd Rd. to the South side pasture gate. From East 166 the property is approximately 5 mi. West of the junction of Hwy 15 & 166 (South of Dexter). Property is on South side of Hwy 166.



Grass & Grain, March 8, 2016 Page 37 Awesome opossums? K-State wildlife specialist discusses this often-misunderstood creature

Opossums, or "possums" as they are often called, are commonly considered a nuisance. They are frequently called "ugly creatures" that rummage through garbage, terrorize other small animals, and play dead when threatened or harmed. However, research suggests these marsupials may be beneficial to the wildlife ecosystem in a variety of ways

By the numbers

"Kansas has a large number of Virginia opossums," said Charlie Lee, wildlife management specialist for Kansas State University and K-State Research and Extension. "They have a wide range throughout Central and North America, and their range continues to expand."

He said opossums are found all the way from Costa Rica to the southern part of Ontario, Canada. They are typically found east of the Rocky Mountains and along the West Coast. They are limited in northward and westward expansion by temperature and snow depth, though, as they are not well equipped for the cold and snow.

The breeding season for opossums in Kansas begins in early February, Lee said. The mothers will wean their first litter of the year in May and will mate again for another weaned litter around September.

Opossums are marsupials, and like kangaroos, they carry their young in a small pouch until they grow and develop. They are the only naturally occurring marsupials found in North America

Possum perceptions

Many people believe opossums are unpleasant to the eye.

"People think they look too much like a dirty, scavenging rat, rather than an interesting creature of tainly have unique characteristics that should get though they are generally people thinking of them in a positive manner.'

Many may also believe that opossums are not intelligent; however, research has shown that they are generally smart despite their small brain size. According to a University of Missouri publication. opossums scored better than rats, rabbits, cats and dogs on their ability to remember, but they did not score better than humans. Opossums also tend to outcompete other creatures for food.

They will kill a cock-

5

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AUCTION CALENDAR

FRIDAY, MARCH 18 - 4:00 PM (onsite)

10 mi. N. of Winfield, KS on Hwy. 77 at K-15 intersection OPEN HOUSE: Saturday, March 12, 2-4 PM

Bottom farm land, pasture, timber & home site.

Offered in 2 Tracts & then jointly

SELLER: PAULINE WENINGER

SATURDAY, APRIL 2 – 10:00 AM

215 S. 3rd – TOWANDA, KS

OPEN HOUSE: Monday, March 21, 5-7 PM

Home, Workshop, Tools, Guns & Coins

SELLER: MORRIS FAMILY

SATURDAY, APRIL 9 – 9:00 AM

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2 mi. East of Augusta, KS on 100th at

3 Crosses Cowboy Church

FRIDAY, APRIL 15 — 5:00 PM

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Timber & Lg. Watershed Lake

1 mi. N. of UDALL, KS on 21st Road

FRIDAY, APRIL 22 - 6:00 PM

★ 160 acre Elk County Farm,

Pasture & Heavy Timber

1 mi. N. of Grenola, 574 Rd 5, GRENOLA, KS

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150+/- Acre Cowley County River Bottom Farm

Kansas," he said. "They cer- roach or even a mouse found in their territory, alnot aggressive toward humans, Lee said. In fact, their common defenses are either fleeing or playing dead when pursued by a human.

> Opossums are commonly thought of as the sanitation workers of the ecosystem, he added. They eat carcasses, rodents, insects, snails, slugs and beetles.

> "One unique fact about opossums is that they're a magnet for getting rid of blacklegged ticks (otherwise known as deer ticks)," Lee said.

He referred to a study by

the Cary Institute of Ecosystem Studies that examined tick feeding on mammals. Those tested included different species such as white-footed mice, chipmunks, squirrels and opossums, among others.

"On opossums, only 3 percent of the ticks that were introduced were able to feed," Lee said. "If you examine the normal tick load of opossums in the wild, which is around 200 ticks, and they're consuming more than 95 percent of those ticks as part of their grooming process, they are responsible for removing about 5,500 ticks per year

per opossum.'

For the most part, opossums are immune to rabies although a few cases have existed, he said. On average, a feral dog is eight times more likely to carry rabies than an opossum. Opossums are also resistant to some poisonous snakes including rattlesnakes, cottonmouths and pit vipers.

Drawbacks Lee said despite the ben-

efits of opossums, they are known to carry a variety of bacterial and viral diseases. They can carry the dangerous equine protozoal myeloencephalitis, or EPM, which mostly affects horses

when they ingest feed or water contaminated with opossum feces. The disease in horses can be prevented or reduced by proper sanitation and biosecurity.

Problem opossums such as those found by a landowner in buildings or destroying property - can be controlled without a permit, he said. They are classified as fur-bearers, and they can be taken by hunting or trapping during regular season.

More about the opossum can be found on the Kansas Department of Wildlife. Parks and Tourism website.

usout s,000 tiens per yeur	which mostly affects horses	
SATURDAY LOCATED ON 75 HWY, NO	DES CONSIGNN (, MARCH 12, 2016 RTH EDGE OF LYNDON, KS (NO SMALL ITEMS, BE ON TIME	— 9:00 AM (30 MILES SO. OF TOPEKA)
**	LATE CONSIGNMENTS	S**
	SHREDDERS	Sprayer, 300 gal., 3 pt. Boom, for skid ldr.
JD 331, 20', plow disc CIH 3900, 20', disc, Clean CIH 496, 20', disc, Good IH 37, 10', disc KRAUSE, 12' & 13', disc KILLIFER, 6', 3 pt., offset, disc DEMPSTER, 2 row lister Ditcher	LANDPRIDE, 66", grooming RHINO, grooming JD, 7', 3 pt. BUSHHOG SQ172, 3 pt., Nice RHINO, 7', 3 pt., Clean JD 25A, flail, 3 pt., Super Nice TRACTORS	Poly tank, 150 gal., on stand IH 5100, 18x7, DD, drill w/seeder QUICK hitch, Category II Grapple STOUT, 84", grapple AC D-17, rear weights TRAILERS
LIVESTOCK EQUIPMENT KELLY RYAN, 5x12, feed wagon	1976 IH 886, CA, 3 pt., dual PTO, 5,146 hrs. AC 7020, CA, 3 pt., PTO IH H, gas, PTO	1980 WW, 16x6, bumper, stock trlr., Good
NH 514, manure spreader JD H, ground drive, manure spreader	MISC. EQUIPMENT	1984 BELSHE, 8'x20', tandem w/dovetail HAY EQUIPMENT
WAGONS E FLOW, gravity w/hyd. auger 2) UFT, 400 bu., grain cart WARD, 150 bu., auger	fert., Clean GREAT PLAINS, 21x7, DD, drill, Nice 7', pickup, snow blade	2) VERMEER WR-22, 10 wheel rake JD 458, rd. baler, 1,000 bales, Like new
Dev wegen Gy16	KEWANEE 7' open coupler	

KEWANEE, 7', snap coupler Box wagon, 6x16 blade Terms: Cash or Good Check. Everything sells as is, without expressed or implied warranty of any kind. Statements made day of sale take precedence over written material. As we depend on the word of our consignors, and we ourselves conduct business up until sale day, additions & deletions are possible. We will be taking consignments up until sale day. Not responsible for accidents or theft. LUNCH SERVED BY HAPPY TRAILS CHUCK WAGON.





Kimball spinet player piano, bench & rolls (very nice & very good); china cabinet & matching buffet; dining table; set of 6 antique Walnut cane bottom chairs; bedroom suite with king bed, triple dresser & chest: Antique Walnut marble top parlor ole; Victorian Walnut rocker & ide chair; Lazyboy rocker re-liner; Kenmore automatic asher; Whirlpool Princess sees side-by-side refrigerator; otpoint dryer; GE refrigerator; ibson upright deep freeze; ider rocker & footstool: Oak edroom suite with Queen bed, esser with mirror & nite stand; ak rocker; needlepoint footool; 2 occasional chairs; eeper sofa; end of bed bench ith cast iron legs; valet; 3 okcases: 4-drawer chest: 2 aple bookcases & matching esk; cast iron & marble fern and; antique burled Walnut 4rawer chest; near new lift air; nice couch; bookcase; alnut folding rocker; console tereo; gold recliner/rocker; rge brass tray coffee table; 3 awer chest; end table small ench; 2 arm chairs; living room nairs; hide-a-bed sofa; small door cabinet; ottoman; card bles & chairs; step stool; und stand table; octagon & nd tables: Philips TV: tov nest; coat rack; baby bed; foldng chair; Zenith TV; high chair; rome director's chair; step

stool; Pro form exercise machine; DP pacer exercise bike; Lifestyler cardio fit exerciser; Gazelle stepper; Gold's Gym medallion series; fitness stool; 2 large gold framed mirrors.

Belleek creamer & sugar; 50 sterling souvenir spoons; set of

bowls; pitchers; baking pans; toaster; mixer; silverware; jewelry chest; mirrored tray; fanon-stand; foot massage; rugs; projector screens; play pen; baby gates; baskets; bread box; jello molds; vases; Corningware; bookends; brass items: table runners: neckties KSU stool & stadium seats; tablecloths; DVD/VHS player heater; fans; toys; cowbell; aprons; Mother plaque; books; hamper; ironing board & iron; binoculars; file boxes; luggage; walkers: shower bench: dust buster; table top fountain; KSU Santa 'Wish List' figurine; Holiday decorations; Dept. 56 Decorations; telephone insulators; wood rack. Craftsman 5HP front tine rototiller; John Deere push mower; aluminum extension ladder; electric & gas chain saws; wheelbarrow; gas weedeater; lawn glider; bench grinder; battery charger; circular saw; shop vac; sledge; ladders; mop bucket; extension cords; clippers; jacks; pipe wrenches; flag pole; lawn chairs; large & small picnic tables; gas BBQ grill; child's red wagon; fishing poles; electrical supplies; buck saw; jumper cables; creeper; shelves; cabinets; lawn fertilizer spreader; gas cans; small dolly; 6 steel posts; lawn & garden tools; shop items; lots more

REAL ESTATE (SELLS APPROXIMATELY 11:30 AM) This home has 4-bedrooms, 2 baths, living room, Taxes prorated to closing. All inspections includ-ing lead base paint inspection to be completed prior to Auction at Buyer's expense if requested. **STATEMENTS MADE DAY OF AUCTION**

ance due on or before April 22, Seller to divide Cost of Title Insu Frigidaire Gallery glass top stove; Westinghouse automat- ic washer; Kenmore dryer; up- right deep freeze; Commercial deep fat fryer; Queen bed, chest & dresser with mirror; hide-a-bed couch; Futon type sofa; 2 arm side chairs; 3 rattan top stools; double bed; office chairs; 4-drawer chest-of- drawers; rattan shelf unit; round dinette table & chairs; end tables; small flat screen TV; metal wardrobe; 4-drawer file cabinet; portable sewing machine; coffee table; small wicker table; microwave stand; 5 TV's; TV center; wall coat rack; TV stand; tables; various	top grills; pots; pans; baking dishes; bedding; exercise bike; '93 flood picture; collections of hats(caps); TV trays; vacuum; electric heater; baby bed; play pen; paper roller/cutter & paper; games; puzzles; books; dolls; World Books; trays; Czech bird house wall plaque; what-not shelf; hall tree; roll-a- way bed; humidifier; walker; shower bench; lamps; wall plaques & pictures; Tupper- ware & plastic ware; pressure cooker; kitchen utensils; mixer; tea towels; bowls; glasses; canister set; cups; ardificial flowers; baskets; rugs; medi- cine cabinet; toys; roller	Pr/Broker 785-770-0066 or Gan- te and Auctions 785-539-2316. jar; small crock duck figurines. Loadstar car dolly trailer; Craftsman radial arm saw; 6" jointer; scroll saw; Craftsman router & table; 3/8" & ½" drills; hedge trimmer; electric chain saw; extension cords; 6HP push lawn mower; older riding lawn mower (not running); ex- tension & step ladders; dolly; push mower; 4-wheel roll around dollies; tow hitch; handyman jack; tree saw; wrenches; tools; fittings & hardware; oil products; miscel- laneous tools; sander; gas BBQ grill; Adult & Little Tykes picnic tables; pitching horse- shoes; swimming pool cover;
chairs; stand table; Collection	blades; bears; child's folding	lawn chairs; Coleman lanterns
of 175-200 chicken figurines &	chairs & table; lighted plastic	& stove; camping items; tackle
decorator items; Lots of Christ-	character figurines; cook-	box; fishing poles; small child's
mas decorations; artificial tree;	books; phone; lazy Susan;	bike; deer & frog yard art; gar-
molded plastic figures & lights;	trash cans; stuffed animals;	den hose & reels; 2 manual
Bunn coffee maker; set of	vases; barometer/ thermome-	push reel mower; sprayers;
stoneware dishes; fans;	ter; neckties; Southwest deco-	patio umbrella; gun rack; Daisy
kitchen appliances; laptop;	rator items; Norman Rockwell	BB gun; Hunting coats, hats &
cookware; appliances; table	cups, pictures & plates; cookie	boots.

SATURDAY, MARCH 19 — 10:30 AM

1909 CASEMÉNT ROAD, MANHATTAN, KANSAS

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Mother-of-Pearl handled silver ware; heavy crystal candleholders; small Wedgwood plates; coasters; Nippon & other salt dips; Austria; handpainted plates & bowls; etched stems & plates; red glass decanter set: 3 pocket watches: Austria powder jar & hair receiver; large pressed glass pitcher; cranberry to clear decanter set; 5 pcs red to clear glass; pink ice bucket; 4 Marlow woodcuts; small sterling basket; etched glasses & sherbets; cruet; paperweight; plaques; Austria handpainted biscuit jar; needlepoint pictures; 2 Longaberger baskets; art glass decanter; stemware; shot glasses; 'That's My Dog' DU picture by James H. Killen; miniatures & cases; amber glass; platters; Tupperware; coin glass bowl; hanging lamps; pictures; artwork; wood en pieces; Big 12 mirror clock; Oster kitchen center; etched Oriental pictures.

Kirby vacuum: floor & table lamps; records; globe; TV trays; magazine rack; folding table; nice pots & pans; mixing

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Page 38 Grass & Grain, March 8, 2016 Early spring-like temperatures welcome for all but the wheat

The weather over the past two weeks has been uncharacteristically warm for this time of year in Kansas. While many are enjoying being outdoors, this early warm spell has raised concerns for winter wheat across the state.

Romulo Lollato, assistant professor in the Kansas State University Department of Agronomy, said warmer temperatures often lead to accelerated wheat crop development. This could mean that the wheat will break out of dormancy and possibly green up earlier than normal.

In fact, producers in north-central Oklahoma have recently reported certain wheat varieties reaching the first hollow stem stage, said Lollato, a wheat and forages production specialist for K-State Research and Extension. This is something to watch, as it's relatively close to the Kansas border.

The week of Feb. 15-21, temperatures in Kansas averaged 5.1 degrees Fahrenheit warmer than normal. Western regions of the state had readings in several locations of 90 F and above. Those high temperatures, coupled with very low humidity, produced an increased drying stress on the crop, according to the Kansas Weather Data Library.

Lollato said this early warmth bears watching but might not prove detrimental to the wheat crop. There are more factors to consider when predicting the weather's effect on wheat yields, such as how quickly freezing weather returns after a string of warm days and the growing stage the wheat is in when that happens.

"Say that freezing temperatures return (within a few days), most of the wheat may still be in tillering," Lollato said. "During this stage, the developing head is still below ground, so it's protected. In that case, most of the damage occurs to the leaf, mainly leaf burning on the leaf tips, so it's mostly cosmetic."

"Now, if these freezing temperatures return in maybe a few weeks and the crop is already at jointing – where the developing head is above ground – then we do have some temperature

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thresholds we need to be looking for," he added. "Generally, we say that if temperatures are between 15 and 25 degrees (F) for a long period of time, that developing head can be damaged when wheat is jointing."

Water use concerns

This early breakout of dormancy and early green up could cause the wheat crop to begin using water it had saved for later in the season, now.

"If we are starting to use the moisture now early in the growing season, we may be hurting our yields later on, in case the spring turns out dry," Lollato said. "In case the spring turns out to be of good moisture and good precipitation distribution, this may not be a problem."

Disease concerns

The mild late-winter weather may also increase the chances of disease problems in this year's crop carrying over from last year. "There is the potential for increased overwintering of the disease," Lollato said. "Producers probably still have fresh in their mind the last growing season where

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wheat stripe rust was really bad across the state. Often spores of wheat stripe rust will not overwinter as far north as we are here. But with these warm temperatures, if the spores are there and if there's enough moisture, they may overwinter. It's not a bad idea to go out and check for that possibility."

"There have been reports in Texas and Oklahoma of stripe and leaf rust, so it is something that (Kansas) producers need to be aware of," he added. "That's not to say we need to go out and spray, but it is something to be aware of and scout the fields."

Unfortunately, there is not much producers can do to protect against this early green-up and breakout of dormancy, because it is a weather issue. Lollato suggests that knowing the status of the crop is the best bet for producers to manage their situation. And remember, warm weather doesn't guarantee a poor yield.

"I think we've had a successful growing season so far, but there is a lot that could still happen at this point," Lollato said.

Livestock diversity: storing genes for the future

The National Animal Germplasm Collection, part of the Agricultural Research Service (ARS), is ensuring that our livestock genetic diversity doesn't disappear.

The mission is to build a germplasm collection as diverse as our present livestock populations as insurance against disasters like the foot-and-mouth disease outbreak that hit Britain in 2001. An incident like that could easily decimate the gene pool of a livestock species and cost billions in lost revenue, explained ARS geneticist Harvey Blackburn, who oversees the Collection. And dead is dead and gone if there aren't backups in the freezer like the National Animal Germplasm Collection has in Fort Collins, Colorado, he added.

As the world's largest gathering of genetic material from food and fiber animals, the Collection stores nearly a million samples from 31,000 domestic animals. This includes conventional livestock like pigs, chickens and cattle, and farmed fish like trout, as well as unexpected species such as bison, elk and even yaks, because they are also raised for food and wool.

Right now, the Collection is helping to pry open a genetic bottleneck in the Holstein dairy breed, which has had a decline in fertility and genetic diversity. All pedigrees of Holstein A.I. sires (providers of semen for artificial insemination) currently trace back to just two bulls in the 1880s.

But at least two other lineages from the 1880s existed as late as the 1960s. With its reputation for preserving genetic diversity and making such material publicly available, the Collection was able to acquire donations of frozen semen from both lines, which should help the breed's gene pool.

Bison, once only wild animals, have been gaining popularity as livestock, with about 400,000 now being raised for meat. While there may not be a strong breed association currently keeping track of bison pedigrees, the Collection is already storing bison semen to preserve the species' diversity before any genetic bottlenecks develop, Blackburn said.

Bison have been at such a point before, when hunting reduced their herds to 541 individuals in the 1880s. The Collection's storage means never having to risk another genetic narrowing.

ARS is the chief intramural scientific research agency of the U.S. Department of Agriculture.

Read more about the National Animal Germplasm Collection in the March issue of *AgResearch* magazine.

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KEY FEEDS 2016 MINERAL PROMOTION

Order by April 1 - Delivery by May 1 — Pay N Store Program

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3	11 mix	625@180.00	12 blk	543@201.00
E	11 mix	747@144.00	6 blk	614@185.00
F	HE	IFERS	11 mix	627@186.00
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	3 wf	400@175.00	9 blk	632@187.00
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Grass & Grain, March 8, 2016 Reduce, reuse, recycle: safe for water

What would you do without water?

Farmers in drought areas are especially concerned by this question. As fresh water resources become scarce, one option for water-conscious farmers is to water crops with treated wastewater. This effluent is becoming a more popular option for applications that don't require drinking-quality water. However, there are still questions about how the effluent interacts with and affects the rest of the ecosystem.

This is where Alison Franklin and her team at Pennsylvania State University come in. Franklin is investigating what happens to certain compounds that remain in the effluent after treatment. She wants to know, "Where do these compounds go?

chemicals that The Franklin studies are pharmaceutical and personal care products, including antibiotics. Currently, wastewater treatment facilities are not able to completely remove these compounds. They frequently remain in the effluent in an active form.

Franklin explains, "As I learned about pharmaceutical and personal care products in the environment, I pounds on the outer sur-

STEERS

5 bk bwf

3 bwf

6 bk

4 bł

3 bk

The Latest Farming

Information is in

GRASS&GRAIN

became very interested in faces of the plant, but inwhere these compounds were ending up. What were the possible implications of these low level compounds in the environment on human, animal, and ecological health?"

Franklin and her team set out to follow the environmental paths of four different compounds found in effluent when it is used to spray irrigate wheat crops.

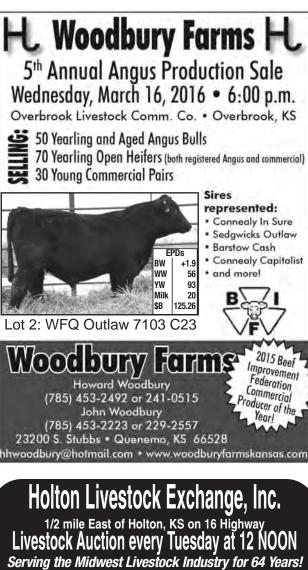
First, Franklin measured the amounts of three types of antibiotics and one antiseizure medicine in the effluent from the University Park wastewater treatment plant. The water from this treatment plant was then used to irrigate wheat crops at Penn State's Living Filter site. This site is a special area used to test the reuse of effluent. Samples of the wheat straw and grain were collected before and at harvest time, and the samples were analyzed for the four different compounds.

"The concentrations of the compounds in the effluent were fairly low, so I was quite surprised when we were able to actually quantify the compounds in the samples," says Franklin.

The researchers found that the pre-harvest samples showed most of the com-

significant amounts in the plant parts (grain and straw). The samples collected at the time of harvest had trace amounts of all four compounds on the plant surface. Three of the compounds were detected in the plant parts. Two compounds were detected only in the grain and not in the straw. The third compound was detected in both the grain and the straw. However, none of the compounds were at toxic levels.

Many factors affect the path of a compound into and within the plant, such as the pH level of the soil and the plant, the plant species, and even the specific plant part. By analyzing both the straw and the grain, Franklin was able to have a better idea of how the wheat plants take up the compounds.



compounds to be taken up into the non-edible portion, like straw, because it minimizes risk," she explains. "By looking at both plant parts the study provided more comprehensive information about the fate of these compounds.'

The compounds' trails have been tracked from the effluent to the wheat plants. So Franklin's next investigation will be whether the small amounts of compounds in the wheat plants pose potential health risks for humans and animals. Franklin admits, "It's a fine balance of protecting the health of the environment and organisms, yet managing water resources that are diminishing.'

Franklin is working to understand that balance and determine best options

for smart water use. Read more about Franklin's work in Journal of Environmental

of Physical Plant and the

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1 blk	1255@94.00	1 rwf	1705@72.50
1 Charolais	1300@88.00	1 blk	1340@72.00
Don't For	get the Video as a	n option to ma	rket your cattle
View ou	r live auctions a	at www.lmaa	uctions.com
	Manager: Matt Ki	ruse, <u>785-556-</u>	0715
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Market Report - Sale Date 3-3-16 Head Count: 1,116 300-400 lb. steers, \$150-\$235; heifers, \$150-\$209.50; 400-500 s, \$140-\$195; 500-600 lb. steers

Serving the Midwest Livestock Industry for 64 Years! ****STARTING TIME: 12:00 NOON****

RECEIPTS: 827 CATTLE

355 230.00

377 217.00

22 hols strs

2 hols strs

777 119.00

745 116.50

HEIFERS

CALL (785) 539-7558 Eureka Livestock Sale P.O. Box 267 Eureka, KS 67045 620-583-5008 Office 620-583-7475 Sale Every Thursday at 11:30 a.m. Sharp On Thursday, March 3, we had 598 head of cattle on an active market. 838@144.50 675@149.50 5 bk bwf 3 bk bwf MARKET REPORT FOR TUESDAY, MARCH 1, 2015 402@229.50 851@143.10 698@147.75 62 mix 10 bk 442@224.00 11 bk bwf 888@142.75 6 bk bwf 757@144.25 503@213.00 864@140.00 7 wf bwf 952@139.25 STEERS 4 bk 66 bk SimX 925@138.25 3 blk bwf strs 545@200.00 705@162.00 HEIFERS 13 bk red 900@134.75 9 blk bwf bulls 13 bk 1071@134.50

USDA Regional Research Projects W-3170 and W-2082 Quality. Penn State's Office funded this project.

4 bk 743@160.50 4 bk 395@206.00 13 bk 1071@134.50 5 bk red 761@154.75 10 bk 448@196.00 6 blk Limo 1204@127.00 14 bk bwf wf766@148.00 8 bk bwf 533@187.00 6 blk Limo 1204@127.00 6 bk bwf 839@145.25 5 bk 513@186.00 BULLS 58 bk 892@145.00 5 bk 599@156.50 4 bk 575@176.00 Butcher Cows: \$58-\$85.50, mostly \$75-\$83, very active. Butcher Bulls: \$84.50-\$111.50, mostly \$10-\$108, very active.	3 blk bwf strs 515 208.00 2 blk hfrs 317 217.50 6 blk bwf strs 516 208.00 4 blk hfrs 381 196.00 14 blk strs 487 203.00 3 blk hfrs 451 190.00 11 mix strs 552 199.50 5 blk hfrs 468 190.00 9 blk bwf strs 608 191.00 13 blk bwf hfrs 517 184.00 8 blk strs 583 189.00 5 blk hfrs 545 176.50 9 blk bwf strs 612 187.00 14 blk hfrs 542 170.00	300-400 lb. steers, \$150-\$235; heifers, \$150-\$209.50; 400-500 lb. steers, \$150-\$220; heifers, \$140-\$195; 500-600 lb. steers, \$140-\$207; heifers, \$130-\$183; 600-700 lb. steers, \$130-\$185; heifers, \$130-\$167; 700-800 lb. steers, \$130-\$161; heifers, \$125-\$142.50; 800-900 lb. steers, \$125-\$146.50; heifers \$120-\$138. Trend on Calves: Choice steer & heifer calves, steady. Trend on Feeder Cattle: Feeder steers & heifers, \$2-\$3 lower.
Preg Cows: \$1,000-\$1,460. Pairs: \$1,475-\$2,260 BUTCHER COWS 1 Hol 1690@78.00 1 blk 1455@85.50 1 Hol 1640@77.00 2 blk 1718@85.00 1 Hol 1690@76.00 2 blk 1410@84.00 BUTCHER BULLS 1 blk 1440@83.00 1 Limo 1505@111.50 2 wf 1410@83.00 1 blk Limo 1415@108.00 2 blk 1505@82.00 1 blk Limo 1545@107.50 4 blk 1360@80.00 1 Limo 1425@107.00 2 blk 1430@79.50 1 blk 1870@106.00 1 Hol 1500@79.00 1 Char 1460@100.50	9 bik strs 608 186.50 11 bik bwf hfrs 543 169.00 8 bik bwf strs 625 185.75 5 red blk hfrs 529 162.00 12 bik bwf strs 582 180.50 11 bik hfrs 802 162.00 12 bik bwf strs 582 180.50 11 bik hfrs 580 161.75 11 bik bwf strs 649 178.00 9 bik bwf hfrs 625 159.50 24 bik red strs 679 170.00 6 bik bwf hfrs 643 155.50 10 bik red buils 620 167.50 10 bik bwf hfrs 643 155.50 8 red rwf strs 688 165.50 28 bik bwf hfrs 653 150.50 3 bik bwf strs 725 162.00 6 bik hfrs 693 150.00 6 red bik strs 685 160.50 8 bik hfrs 707 149.00 6 bik strs 765 159.00 3 bik hfrs 783 145.00 4 bik bwf strs 855 150.00 5 bik gry hfrs 831 138.50 6 bik bwf buils 750 143.50 6 bik hfrs 854 131.00	Butcher Cows: High dressing cows: \$72.50-\$82; Avg. dressing cows: \$60-\$72.50; low dressing cows, \$40-\$60. Stock Cows: Bred Cows \$1,250-\$2,125; Cow/Calf Pairs \$1,750-\$2,725. Butcher Bulls: Avg. to high dressing bulls, \$92.50-\$106. Trend on Cows and Bulls: Butcher Cows, steady to \$2 higher. Butcher Bulls, steady. CONSIGNED FOR MARCH 10 SALE: • 225 mixed steers, 800-850 lbs., off wheat • 350 mixed heifers, 750-850 lbs., off wheat • 95 blk steers & heifers, 650-800 lbs., weaned • 220 blk/bwf steers & heifers, 500-550 lbs., weaned in Oct.
 EARLY CONSIGNMENTS FOR MARCH 10: 500 blk/bwf CharX steers & heifers, 400-750 lbs., homeraised, weaned, double vacc., all dry wintered, ready for grass 100 blk bwf steers & heifers, 500-650 lbs., homeraised, WV 85 mostly blk steers & heifers, 700-850 lbs., homeraised, WV 	MARCH 12FARM AUCTION FOR JOHN & SARA BANKS WEST OF MUSCOTAH, KS ********** MARCH 19FARM AUCTION FOR STEVE PORUBSKY WEST OF TOPEKA, KS ********** MARCH 26SPRING CONSIGNMENT AUCTION9 A.M. SALE BILL DEADLINE IS MARCH 9	 • 95 steers & heifers, 650-800 lbs., shots • 20 blk steers & heifers, 650-700 lbs. • 165 80% blk heifers, longtime weaned, grazing flesh, 2 rounds shots, 500-625 lbs. • 25 steers & heifers, weaned, 650 lbs. • 20 steers & heifers, 500 lbs. • 120 steers & heifers, 550-600 lbs. • 100 steers & heifers, 400-550 lbs., weaned in Oct.
• 140 fancy blk SimX steers, 800-975 lbs., homeraised, WV	44444444	
140 fancy blk SimX steers, 800-975 lbs., homeraised, WV 80 Crossbred steers, 800-900 lbs. EARLY CONSIGNMENTS FOR MARCH 17: 102 blk steers & heifers, 400-650 lbs., homeraised, WV 100 mostly blk steers, 600-700 lbs., homeraised, Real Green	MARCH 31FARM AUCTION FOR WARREN HIGGINS, MAPLE HILL, KS Dan Harris, Auctioneer & Owner • 785-364-7137 Danny Deters, Corning, Auct. & Field Rep • 785-868-2591	We welcome your consignments! If you have cattle to consign or would like additional information, please call the office at 316-320-3212 check our website for updated consignments: www.eldoradolivestock.com
80 Crossbred steers, 800-900 lbs. EARLY CONSIGNMENTS FOR MARCH 17: 102 blk steers & heifers, 400-650 lbs., homeraised, WV	MAPLE HILL, KS Dan Harris, Auctioneer & Owner • 785-364-7137	If you have cattle to consign or would like additional information, please call the office at 316-320-3212 check our website for updated consignments:

Page 40 Grass & Grain, March 8, 2016 U.S. agricultural equipment exports drop 13.5 percent in 2015

agricultural equipment dropped 13.5 percent in 2015 compared to the previous year, for a total \$7.4 billion shipped worldwide, according to the Association of **Equipment Manufacturers** (AEM), citing U.S. Department of Commerce data it uses in global market reports for members.

AEM is the North Ameriinternational can-based business group representing the off-road equipment manufacturing industry.

Asia and Central America closed out 2015 with gains while nearly all other re-

Grass & Grain Weather Report

Exports of U.S.-made gions recorded double-digit 35 percent, for a total \$653 declines, led by South America

Year-end 2015 agricultural equipment exports by major world regions compared to year-end 2014:

Canada dropped 17 percent, for a total \$2.2 billion

Europe declined 22 percent, for a total \$1.5 billion Central America gained

7 percent, for a total \$1.2 billion

Asia gained 17 percent, for a total \$883 million Australia/Oceania fell 4 percent for a total \$702 mil-

lion South America dropped million Africa decreased 24 percent, for a total \$265 million

AEM Market Analysis Overview

AEM's Benjamin Duyck, director of market intelligence, provides some insights:

Agricultural equipment exports continue to be down for the third year in a row, though the decrease in 2015 was not as strong as the 29.2percent one in 2014.

When we look at quarterly change, the decrease in the fourth quarter of 2015 (3.9 percent) was the lowest

year-over-year decrease since the fourth quarter of 2012. When we look at the initial results of our fourthquarter North American Agricultural Equipment Industry Conditions Trends Survey, which tracks the perceptions of member manufacturers, of those that exported goods, 77 percent of respondents indicated their exports were either declining or remained somewhat stable.

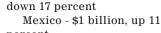
The global economy is experiencing a long-term slump in commodity prices

pressure on agricultural exports. In early February, the USDA indicated U.S. farm income is expected to continue its decline into 2017. External headwinds such as the global economic malaise combined with a strong U.S. dollar ushering in a new normal makes it appear the declines will continue into 2016.

Exports by Top 10 **Countries**

The countries buying the most U.S.-made agricultural machinery during 2015 (by dollar volume):

Canada - \$2.2 billion.



percent Australia - \$625 million,

down 2 percent China - \$471 million, up

47.5 percent

Germany - \$255 million, down 13 percent

Brazil - \$208 million, down 49 percent

France - \$199 million. down 2 percent

South Africa - \$167 million, down 31 percent

United Kingdom - \$157 million, down 10 percent

Chile - \$153 million. up 5 percent

which has put downward GRASS March 8, 2016 & GRAIN

By Adrian Polansky, USDA Farm Service Agency State Executive Director

In agriculture, opportunity is often created from overcoming challenges. So when I hear people say "work for the best and prepare for the worst," it is the American farmers and ranchers who come to mind because they characterize the optimism and resilience of the very concept, especially when it comes to overcoming severe weather.

And although many farmers and ranchers carry insurance on their crops and livestock, insurance isn't always available for everything that can be grown or produced. For example, with many specialty crops, like vegetables and fruits, or floriculture, nursery, or livestock forage, private insurance for losses from weather damage may not be available.

Guest Editorial Farm Service Agency (FSA) offers help to producers through the Noninsured Crop Disaster Assistance Program (NAP), which provides financial assistance to producers of noninsurable

crops when low yields, loss

of inventory, or prevented

plantings occur due to natu-

NAP has existed for 21

years; for the majority of

that time, it provided only

catastrophic coverage for

losses of more than 50 per-

cent of expected produc-

tion. That catastrophic cov-

erage - still available - pays

55 percent of the average

provide a safety-net for spe-

cialty crop producers work-

ing to make healthy fruits

and vegetables available to

more consumers, the pro-

gram also covers aquacul-

ture, turf grass, ginseng,

Today, not only does NAP

ral disasters.

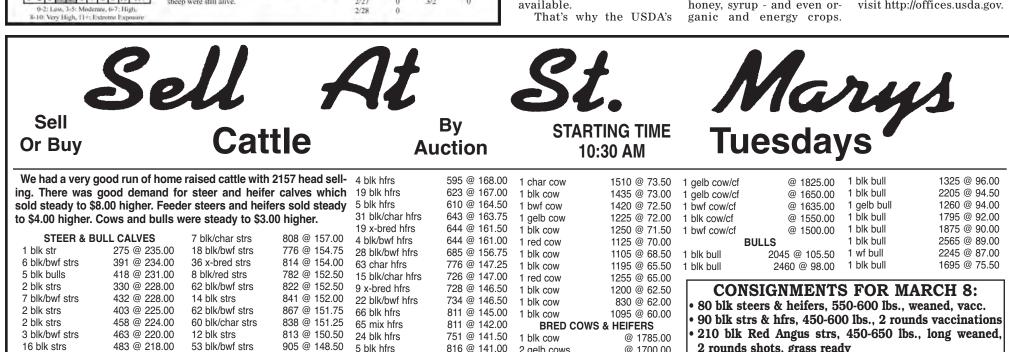
market price.

Higher levels of coverage are available for losses up to 65 percent of production and 100 percent of the average market price.

Basic coverage fees are \$250 per crop or \$750 per producer per administrative county, whichever is less. No producer pays more than \$1,875. In fact, for beginning, traditionally underserved, or limited resource producers, the catastrophic coverage is free, and premiums for higher levels of protection are discounted by 50 percent.

For spring planted crops in Kansas, the deadline to apply is March 15. I encourage farmers of all types to visit an FSA office to learn more about the Noninsured Crop Disaster Assistance Program. For more information, visit a local FSA office or www.fsa.usda.gov/nap. To find your local FSA office, visit http://offices.usda.gov.

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	WEDNESDAY Partly Cloudy High: 57 Low: 37	overnight low of Last V	^{(42°,} Veek's Alman	ac	Clay Ce 64/41	nter s	**	2 Arts
**	THURSDAY Mostly Sunny High: 61 Low: 38	Date Hi/ 2/25 39/ 2/26 61/ 2/27 77/ 2/28 65/	18 50/25 14 51/25 19 51/25 29 52/26	Precip 0.00" 0.00" 0.00" 0.00"	-	N Ogden 65/42	lanhattan 65/42	Wamego 64/42
**	FRIDAY Mostly Sunny High: 64 Low; 38		27 53/27 26 54/27 :k		Abilence 65/41	64/4	tion City 2	
Nº4	SATURDAY	Departure from	normal	0.48" 41.7"		***	0	onncil Grove
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	High: 65 Low: 41		normal	his Week'	s Sun & M	and the second second	G 64	
	High: 65 Low: 41		normal	-1.4°	s Sun & M Sanset 6:27 p.m. 6:28 p.m.	oon Chart Moonrise 6:29 a.m. 7:08 a.m.	3 64	
学業後	High: 65 Low: 41 SUNDAY Partly Cloudy	Departure from	normal	his Week's Sunrise 6:46 a.m.	Sanset 6:27 p.m.	Moonrise 6:29 a.m.	Moonset 6:18 p.m.	1/42
なくなる	High: 65 Low: 41 SUNDAY Partly Cloudy High: 63 Low: 41 MONDAY Mosily Cloudy	New 3/8 First 3/15	Day Tucsday Wednesday Thursday Friday Saturday Sunday Monday	-1,4° his Week! <u>Sunrise</u> 6:46 a.m. 6:44 a.m. 6:44 a.m. 6:41 a.m. 6:39 a.m. 7:38 a.m. 7:36 a.m. her History	Sanset 6:27 p.m. 6:28 p.m. 6:30 p.m. 6:31 p.m. 7:32 p.m. 7:33 p.m.	Moonrise 6:29 a.m. 7:08 a.m. 7:47 a.m. 8:27 a.m. 9:09 a.m. 10:53 a.m. 11:41 a.m. Green	Moonset 6:18 p.m. 7:30 p.m. 8:42 p.m. 9:53 p.m. 11:03 p.m. 11:03 p.m. 11:09 a.m.	V42 Ful J2 Lat gree Days



2 rounds shots, grass ready @ 1700.00 @ 1525.00

	8 blk/char strs	501 @ 215.00	62 blk/char strs	869 @ 148.00	60 blk hfrs	809 @ 140.00		0 1505 00	
L	4 blk strs	498 @ 212.00	141 blk/bwf strs	867 @ 145.00			0 010100 00110	@ 1525.00	• 105 Angus strs & hfrs, 600-800 lbs., weaned, vacc.
L	5 blk strs	490 @ 212.00 505 @ 212.00	63 blk/chr strs		70 mix hfrs	836 @ 138.00	2 blk cows	@ 1500.00	• 95 Angus steers & heifers, 650-750 lbs., weaned, vacc.
L	21 blk/bwf strs	549 @ 212.00	55 blk/char strs		44 blk/char hfrs	833 @ 137.00	1 blk cow	@ 1450.00	• 65 black heifers. 700-725 lbs.
L					4 blk/sim hfrs	1049 @ 133.00	1 blk cow	@ 1400.00	• 60 blk Red Angus hfrs, 775-800 lbs., Northern origin
L	2 x-bred bulls	450 @ 208.00	7 blk strs	860 @ 143.50	COWS & HEI		1 char hfr	@ 1360.00	
L	24 blk strs	510 @ 206.75	56 blk/char strs	893 @ 143.00	1 blk hfrt	920 @ 125.00	1 blk hfr	@ 1350.00	• 300 blk heifers, 800-825 lbs., Northern origin
L	4 wf/blk strs	514 @ 203.00	4 blk strs	851 @ 142.50	1 blk hfrt		2 x-bred cows	@ 1335.00	• 60 black Charolais heifers, 850-875 lbs.
L	2 blk/bwf strs	535 @ 199.00	53 blk/char strs	989 @ 142.00	1 red hfrt	885 @ 117.50	1 blk cow	@ 1300.00	• 120 black steers, 900-925 lbs.
L	4 blk strs	548 @ 193.50	26 blk/char strs	995 @ 139.25	1 blk hfrt	900 @ 116.00	1 char cow	@ 1275.00	• 61 black xbred steers, 900-925 lbs.
L	STOCKER & FEE		42 mix strs	975 @ 137.50	1 blk hfrt	1190 @ 114.00	1 char cow	@ 1150.00	• 60 black steers, 825-850 lbs.
L	5 blk strs	558 @ 200.50	7 blk/char strs	1326 @ 120.00	1 x-bred hfrt	1105 @ 100.00		@ 1125.00	
L	2 blk strs	553 @ 195.00	HEIFER C		1 blk cow	1190 @ 83.00	1 red cow	@ 1100.00	• 120 black steers, 875-900 lbs.
L	2 blk strs	580 @ 191.00	2 blk hfrs	360 @ 200.00	1 bwf cow	1600 @ 80.00	1 char hfr	@ 1100.00	PLUS MORE BY SALE TIME!
L	30 blk/chr strs	621 @ 189.00	4 blk/bwf hfrs		1 limo cow	1500 @ 79.50	1 blk cow	@ 1060.00	
L	22 blk/char strs	634 @ 188.00	2 blk hfrs	425 @ 196.00	1 blk cow	1320 @ 79.00	2 blk cows	@ 1050.00	CONSIGNMENTS FOR MARCH 15:
L	44 blk strs	642 @ 180.00	2 blk hfrs	405 @ 193.00	1 blk cow			@ 1025.00	
L	4 wf/bwf strs	619 @ 179.00	11 blk/bwf hfrs	452 @ 192.00	1 blk cow			@ 950.00	• 60 Angus hfrs, 800-825 lbs., Northern origin, replace-
L	4 blk strs	645 @ 174.00	4 blk/bwf hfrs	475 @ 192.00	1 blk cow			@ 950.00	ment quality, no implants, sired by Mitty In Focus, New
L	35 blk strs	685 @ 173.25	15 blk/bwf hfrs	530 @ 186.00	1 wf cow	1385 @ 76.00	COW/CALI		Trend, Scotch Cap bulls. Cows are Right Time, Traveler,
L	3 blk strs	648 @ 173.00	4 blk/char hfrs	409 @ 185.00	1 bwf cow	1380 @ 75.50		@ 2100.00	Bando, EXT breeding
L	25 blk/bwf strs	700 @ 171.00	2 blk/bwf hfrs	450 @ 183.00	2 blk/bwf cows		1 gelb cows/cvs	@ 1900.00	• 325 Angus bwf steers & heifers, 550-700 lbs., longtime
L	59 mix strs	719 @ 170.25	6 blk hfrs	534 @ 180.00	1 hol cow	1600 @ 74.50	1 blk cow/cf	@ 1885.00	
L	6 blk strs	630 @ 170.00	STOCKER & FEE	DER HEIFERS	1 blk cow	1230 @ 74.00		0000.00	weaned, vaccinated
	15 blk/red strs	688 @ 170.00	28 blk/sim hfrs	567 @ 177.50					• 100 Hereford bulls & heifers, 500-700 lbs.
L	3 blk strs	672 @ 168.00	21 blk hfrs	583 @ 176.50		OUR AU	ICTIONS L	IVE ON	• 30 blk steers & heifers, 450-550 lbs., vaccinated
L	14 blk/bwf strs	717 @ 162.00	4 blk/bwf hfrs	563 @ 173.00		DV/Aunti	ons.com		PLUS MORE BY SALE TIME!
L						DVAUCI	0112.0011		

2 gelb cows

Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to WWW.grassandgrain.com & logging onto the online subscription

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8 blk/char strs

501 @ 215.00

62 blk/char strs

869 @ 148.00

LELAND BAILEYTOPEKA, 785-286-1107 LYNN REZACST. MARYS, 785-456-4943 REX ARBMELVERN, 785-224-6765

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Website: www.rezaclivestock.com **AUCTIONEERS: DENNIS REZAC & REX ARB**

