



Schwieterman Market Outlook

A marketing commentary by Bret Crofts

There is a good chance that the correction in the cattle market is over and that the market is ready to move higher again. The fundamentals are still improving with the trends in the beef market up, the choice-select spread widening, and the carcass weights plummeting. The slaughter pace isn't slowing down and it would appear that after a two week break, the cash cattle market will be at least steady, if not higher next week.

Looking at the charts, the June and August live cattle futures both posted outside day's higher Thursday and

built upon those gains Friday. Those futures contracts have moved through trend line resistance and are likely starting another leg higher. Another leg up could take the June contract to \$138 and the August to \$131.

It's a pretty similar story for the August feeder cattle. We didn't see an outside day higher in the futures, but we did see good closes on both Thursday and Friday and a move through trend line resistance. A move to \$163 in the August feeders is not out of the question.

The grain markets had a very active week. The corn market was the least excit-

ing since it doesn't seem to want to move out of the trading range. It did, however, have several pretty big swings inside the range. There really isn't much to say about the corn, other than if we ever break out of the range, we will see big move in whichever direction it decides to go. The corn did close positive for the week, but there still isn't any reason to get excited about the corn until we see the July contract above \$3.80.

The July KW ended up slightly lower for the week after an ugly break early and then a strong finish.

We have moved through trend line resistance and the 9-day moving average, so the charts are beginning to look better. Judging by the conversations I have had with farmers across the state, the Kansas wheat crop is probably still shrinking. Disease pressure and continual abuse by the weather over the past month are taking a toll on the crop. Will it matter from a global standpoint? Probably not, but if we see more sales to Egypt like we did this week, the demand side of the equation will make the supply side more important.

In the short run, look for the July KW to move back to the \$4.55 - \$4.60 area. After that we will see what the yield reports in Texas and Oklahoma look like and if our export sales are staying strong.

Thanks to chaos in the Brazilian government, the soybeans took a huge hit on Thursday. Somehow a

big drop in the Brazilian stock market and currency led to panic selling by Brazilian farmers. The fact that the sugar and coffee markets were able to erase those losses suggests that the soybeans will, too, at some point. I would say that rallies are a selling opportunity unless the weather turns bad, but last week's break was really too much too soon.

One of the big stories of the week was the pressure on the US Dollar Index. We saw a failure on the monthly continuation chart and the index reached the lowest level since November. Currency markets have a tendency to trend for long periods of time, so the failure of a long term trend line could be an important event. In a couple of years we could have the Dollar Index back at 80 again.

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 Crofts 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.

National Inventors Hall of Fame honors ARS scientist

An Agricultural Research Service (ARS) chemist recently became the newest member of the National Inventors Hall of Fame during ceremonies at the National Building Museum in Washington, D.C. She is received the award posthumously.

Dr. Allene Rosalind Jeanes, who died in 1995, used her background in carbohydrate chemistry to save countless lives on the battlefields of Korea and during the years that followed. Jeanes studied how bacteria could produce polymers in corn, wheat and wood. Her research led to the discovery of ways to mass-produce dextran, a type of polymer, for use as a



blood volume "expander" to sustain accident and trauma victims suffering from significant blood loss. The methods Jeanes developed led to commercial-scale production and use of dextran during the Korean War.

Jeanes also developed

xanthan gum, a sugar synthesized by bacteria. Approved in 1968 by the Food and Drug Administration as a food additive, xanthan gum is widely used today in products such as toothpaste, egg substitutes, ice cream and some gluten-free foods.

"Dr. Jeanes' contributions show the lasting value of ARS research," said Chavonda Jacobs-Young, ARS administrator. "Every day, our scientists are making a difference for Americans and are adding to the proud legacy of the researchers who preceded them—like Rosalind Jeanes."

Jeanes was elected to the ARS Science Hall of Fame

in 1999 and was the first woman awarded the USDA Distinguished Service Award. She also received the Federal Woman's Service Award from President Kennedy in 1962.

Research in the 1940s showed that dextran had the potential to help accident and trauma victims suffering serious blood loss by restoring lost electrolytes and maintaining blood pressure. Jeanes was interested in dextran for years, but couldn't find quantities large enough for meaningful research. That changed when a soft drink company sent her a sample of its product. The company wanted to know why its product had become thick and gooey.

Jeanes learned that the root beer was contaminated with a bacterium that produced dextran. The discovery of this dextran-producing microbe meant Jeanes could produce all the dextran she needed.

When the Korean War broke out in 1950, Jeanes and her colleagues were able to make a dextran-based blood volume expander that the Army put to immediate use. The blood volume expander lasted longer than blood plasma without refrigeration. Sterilized to prevent infections, it was one-third the cost of plasma and remained viable long enough to keep patients alive until they could get a transfusion.

A YouTube video about Jeanes is available at <https://youtu.be/tgAkIsUoaNA>.



Rhett Forkner, Richards, Missouri, was tapped as grand champion junior swine showman at the Flint Hills Classic Spring Livestock Show in Eureka.

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For our sale Friday, May 19 we had a wet weather shortened run, however the cattle offered were selling at mostly steady prices accordingly to quality and condition. A large run of cull cows and bulls sold at steady to strong prices.

STEER CALVES— 425-550 LBS.

Silver Lake	4 blk	438@189.00
Green	3 blk	475@186.00
Harveyville	5 blk	528@179.00
Harveyville	3 blk	450@178.00
Alma	5 blk	541@173.00
Ozawkie	10 blk	515@170.50

STEERS — 550-900 LBS.

Osage City	26 blk	629@167.00
Ozawkie	23 blk	606@161.50
Osage City	11 Cross	753@157.50
Soldier	6 Cross	680@153.50
Basehor	5 blk	672@150.00
Basehor	15 blk	660@149.00
Tonganoxie	5 blk	694@146.50
Alta Vista	5 blk	636@142.50
Basehor	7 blk	837@141.75
Leavenworth	4 Cross	708@136.00
Tonganoxie	3 blk	858@136.00
Wheaton	4 blk	848@135.50
Basehor	6 blk	774@131.50

HEIFER CALVES — 400-550 LBS.

Alma	4 blk	405@157.00
Easton	3 blk	508@157.00
Harveyville	4 blk	451@154.50
Harveyville	3 blk	525@152.00

Basehor	3 blk	463@151.00
Clay Center	5 blk	496@147.50

HEIFERS — 550-900 LBS.

Osage City	12 blk	650@145.00
Prairie Village	5 red Ang	650@144.50
Basehor	19 blk	596@142.50
Clay Center	5 blk	622@141.25
Osage City	9 blk	707@138.75
Basehor	9 blk	767@136.50
Palmer	5 blk	683@135.50
Palmer	6 blk	813@131.00
Clay Center	5 blk	878@129.75
Strong City	11 red Angus	899@126.50

BULLS — 1,200-1,975

Strong City	1 rd Ang	1225@108.00
Paxico	1 Cross	1835@95.50
Paxico	1 Cross	1910@93.50
Paxico	1 Cross	1870@93.00
Marysville	1 rdAng	1965@91.00
Rossville	1 herf	1895@90.00
Alma	1 blk	1805@89.00
Wamego	1 blk	1415@89.00
Marion	1 blk	1845@87.00

COWS & HEIFERETTES — 850-1,675 LBS.

Osage City	1 Cross	855@120.00
Osage City	1 Cross	850@118.00
Green	1 hereford	895@111.00
Green	1 hereford	1060@85.00
Prairie Village	1 red Angus	1075@83.00
Strong City	1 red Angus	1330@80.00
Osage City	1 blk	1205@80.00
Waverille	1 blk	1060@79.50

Osage City	1 blk	1240@79.50
Strong City	1 red Angus	1195@79.00
White City	1 blk	1175@79.00
Wheaton	1 blk	1455@78.50
Strong City	1 red Angus	1380@78.00
Strong City	1 red Angus	1005@77.80
Waverille	1 blk	1640@78.00
Waverille	1 blk	1080@78.00
White City	1 blk	1160@78.00
White City	1 blk	1670@78.00
Osage City	1 blk	1465@77.75
Strong City	1 red Angus	1225@77.50
Clay Center	1 blk	1590@76.50
Leonardville	1 blk	1265@76.00
Waverille	1 blk	1385@76.00
Prairie Village	1 red Angus	1185@76.00
Osage City	1 blk	1205@76.00
White City	1 blk	1245@76.00
Dwight	1 blk	1260@75.00
Onaga	1 blk	1430@75.00
White City	1 blk	1430@74.00
Clay Center	1 blk	1315@73.00
Palmer	1 Cross	1210@72.00

Manhattan	1 blk	1280@72.00
Blaine	1 blk	1030@71.00
Leonardville	1 blk	1170@70.00
White City	1 blk	1410@70.00
Hillsboro	1 blk	1270@68.50
Wamego	1 blk	1325@68.00
Onaga	1 blk	1385@68.00
Dwight	1 blk	1050@68.00
Leonardville	1 blk	1230@67.50
Palmer	1 blk	1035@63.00
Green	1 Hereford	1340@61.00
Green	1 Hereford	1220@60.00

COW/CALF PAIRS

AGE MO		
Bendena	3 red Ang	2 @2450.00
Scandia	9 blk	2 @2350.00
Scandia	5 blk	2 @2275.00

BRED COWS

AGE BRED		
Scandia	3 Cross	2 8 @1400.00
Clay Center	3 blk	2-3 8 @1400.00
Clay Center	1 red Ang	3 5 @1300.00

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Kansas Hay Market Report

Hay market activity slow to moderate; demand light to moderate for all classes of hay; prices steady. Hay swathing has begun in earnest, but wet fields have made it difficult for both haying and planting of corn and beans. Farmers took advantage of the nice weather over Mother's Day weekend. The U.S. Drought Monitor continues to indicate no abnormally dry or drought conditions. Per NASS: top soil moisture rated 0 pct very short, 1 pct short, 76 pct adequate

and 23 pct surplus. Subsoil moisture rated 0 pct very short, 3 pct short, 85 pct adequate and 12 pct surplus. Pasture and range conditions rated 0 pct very poor, 3 pct poor, 18 pct fair, 64 pct good and 15 pct excellent, and alfalfa hay first cutting is 18 pct complete. If you have hay for sale, and/or need hay, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady, movement slow to moderate. Alfalfa: horse, small squares 240.00-250.00. Dairy, .75-.85/point RFV, Supreme 140.00-160.00, Premium 130.00-150.00, Good 115.00-145.00. Stock or Dry Cow alfalfa, 75.00-95.00, with an instance at 110.00. Fair/Good grinding alfalfa, 85.00-100.00. New crop grinding alfalfa 95.00-100.00, mostly 100.00. Ground and delivered locally to feedlots and dairies, 110.00-125.00, with instances at 130.00 and 140.00. New crop ground and delivered 120.00-130.00. The week of 5/7-5/13, 10,227T of grinding alfalfa and 1,338T of dairy alfalfa were delivered. Grass hay: bluestem, large rounds 65.00-75.00. Brome: large rounds 55.00-65.00. Sudan: large rounds 40.00-45.00. Corn stalks, ground and delivered 70.00-80.00. The average paid by feedlots on April 1 for alfalfa ground and delivered was 108.32, dn .27 from last month, usage was 729T/day, dn 10 pct, and total usage was 21,865T.

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered and alfalfa pellets steady, movement slow to moderate. Alfalfa: horse, small squares 230.00-240.00, Dairy, .70-.80/point RFV, Supreme 140.00-150.00, Premium 130.00-140.00, Good 110.00-130.00. Stock cow alfalfa, 90.00-95.00. Fair/Good grinding alfalfa, 80.00-90.00. Ground and delivered locally to feedlots 100.00-110.00, an instance of 115.00-120.00. New crop ground and delivered 110.00-120.00. The week of 5/7-5/13, 4,063T of grinding alfalfa and 1,121T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 140.00-145.00, 17 pct protein 145.00-155.00, Dehydrated 17 pct 200.00-205.00. Grass hay: bluestem, mid and large squares 65.00-75.00, large rounds 60.00-70.00. Brome, mid and large squares, none reported, large rounds 75.00-80.00. Oat hay, large rounds 55.00-65.00. Sudan 60.00-70.00. Cane hay, large rounds 45.00-55.00. Corn stalks, ground and delivered 80.00-85.00. Straw large

rounds 40.00-50.00, Straw, mid squares 50.00-55.00. The average paid by feedlots on April 1 for alfalfa ground and delivered was 100.72, up .09 from last month, usage was 287T/day, dn 7 pct, and total usage was 8,600T.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady, movement slow to moderate. Alfalfa: horse or goat, 210.00-220.00. Dairy .70-.85/point RFV. Stock cow alfalfa 90.00-100.00. Fair/Good grinding alfalfa 70.00-80.00. Ground and delivered, 80.00-90.00. Grass hay: bluestem, small squares 100.00-110.00. Good, mid and large squares 75.00-85.00, large rounds 50.00-60.00. Brome: small squares 130.00-135.00. Good, mid and large squares 90.00-110.00, large rounds 55.00-65.00. Straw, mid squares 50.00-60.00. CWF grass mulch 30.00-40.00.

Northwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady, movement slow. Alfalfa: horse/goat, 180.00-190.00. Dairy, Premium/Supreme .80-.95/point RFV. Stock cow, fair/good 100.00-110.00. Fair/good grinding alfalfa, 65.00-75.00. Ground and delivered locally to feedlots and dairies, 90.00-95.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady, movement slow to moderate. Alfalfa: horse, small squares 8.00-10.00/bale. Dairy .80-1.00/point RFV, Supreme 150.00-200.00. Premium 140.00-160.00, Good 130.00-140.00. Stock Cow, good 110.00-120.00. Fair/Good, grinding alfalfa, 80.00-90.00. Ground and delivered, 105.00-115.00. Grass hay: bluestem, small squares 4.00-6.00/bale, large squares 70.00-80.00, large rounds 60.00-70.00. Brome: Good, small squares 6.00-7.00/bale, mid and large squares, horse quality, 110.00-120.00, good large rounds 70.00-80.00. Sorghum/Sudan, large rounds 60.00-70.00. Straw, none reported. CWF grass mulch, none reported.

***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, Kansas Kim Nettleton 785-564-6709

Posted to the Internet: www.ams.usda.gov/mnreports/DC_GR310.txt

LARGE RETIREMENT CONSTRUCTION AUCTION

SATURDAY, JUNE 3, 2017 — 9:00 AM
 Located off of Highway 16 at ONAGA, KANSAS, take the Onaga Bypass road North to South Degraw St., then 1 block North to 120 Degraw St. — ONAGA, KANSAS • Lunch on the Grounds!

SKID LOADER, TRACTORS, MOWER, VEHICLE & OTHER EQUIPMENT to sell at 1:00 PM
TRAILERS, WELDING EQUIPMENT, ELECTRIC TOOLS, IRON, PIPE, SQUARE TUBING & MATERIAL All very good!
LUMBER, CARPENTER TOOLS, MECHANIC TOOLS, HAND TOOLS, ELECTRIC SUPPLIES, ANTIQUES (11:00 AM), HOUSEHOLD ITEMS (Sells After Antiques)

See last week's Grass & Grain for listings or go to www.mclivestock.com/clinerealty

Auctioneer's Note: If you are looking for well cared for, quality items, please be sure to attend this auction. There is something for everyone! We will run 2 rings for a portion of the auction.

SELLERS: GREG & DEBBIE SCHMELZLE
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FARM & SHOP EQUIPMENT AUCTION

SATURDAY, JUNE 3, 2017 — 10:00 AM
 Location: 141 S. Kaw Rd., from DIGHTON, KS 1 mile west & 1 mile south.

<p>TRACTORS & SPRAYER</p> <p>1984 JD 8650 tractor, 4-wheel drive, duals, 3pt, pto w/JD 12 ft. dozer blade</p> <p>1977 JD 8630 tractor, 4-wheel drive, duals, 3pt, pto, quick hitch w/12 ft. dozer blade</p> <p>1977 JD 8630 tractor, 4-wheel drive (for parts)</p> <p>1994 Rogator 664 self-propelled sprayer, 600 gal. tank, 60 ft. booms</p> <p>INDUSTRIAL EQUIPMENT</p> <p>1976 JD Industrial tractor, diesel, scoop, backhoe</p> <p>Gallion road grader</p> <p>TRUCK, PICKUPS & CAMPER</p> <p>2013 Dodge Ram Laramie 1500 pickup, 4-door, 44,000 miles, Hemi motor, automatic, 4x4</p> <p>1989 Ford F-700 truck, auto, gas motor, 16ft. bed & hoist</p> <p>1974 Ford F-250 pickup, 4x4, gas motor, auto</p> <p>Trail Sport camper trailer, 28 ft., AC, 1-slide out</p> <p>FARM EQUIPMENT</p> <p>Noble 6000 sweep plow, 7x6</p> <p>Miller 16ft. disk</p> <p>Sunflower 16ft. disk</p> <p>Sunflower 40ft. field conditioner w/ harrows</p> <p>3x6 Sweep plow w/NH3</p> <p>Tye 20ft. disk drill, 3pt.</p> <p>(4) JD 8x12 LZ hoe drills</p> <p>Shop built 3pt track closer</p> <p>Cisco tool bar, 20ft.</p> <p>Big Ox 11-shank ripper</p> <p>Great Plains 30ft. folding hoe drill</p> <p>JD 20ft. double tool bar</p> <p>IHC 20ft. disk drill</p> <p>30ft. pull type flail shredder</p> <p>(2) JD 8x12 LZ hoe drills</p> <p>OTHER FARM ITEMS</p> <p>JD quick hitch</p> <p>Pickup bed trailer w/tool boxes 1500ft. of 6" pvc irrigation pipe</p> <p>6" irrigation pipe fittings</p> <p>500 gal. fuel tank</p> <p>(3) 360 gal. fuel tanks on stands</p> <p>700 gal. fuel tank</p> <p>Several pickup bed fuel tanks w/ 12 volt pumps</p> <p>500 gal. propane tank & others</p> <p>Well column pipe</p> <p>Ford 300 motor & other motors</p> <p>Tail water pit pump</p> <p>Rolls of belting</p> <p>75 hp. electric motor & panel box (new)</p> <p>Farm Hand silage cutter blower</p> <p>Iron & scrap iron</p> <p>2-wheel utility trailer w/end gate</p> <p>Magnum 500 ATV, 4x4</p> <p>Pickup bed trailer</p> <p>Tin & used lumber</p> <p>(2) 16 ft. car trailers</p> <p>Electric belt grain conveyor</p> <p>12-volt drill fill auger</p>	<p>LIVESTOCK ITEMS</p> <p>Wooden fence posts</p> <p>"T" posts</p> <p>Sev. wire mesh livestock panels</p> <p>(20) Cement feed bunks</p> <p>Ford 3pt. post hole digger</p> <p>12-volt post hole digger</p> <p>SHOP EQUIPMENT</p> <p>Cutting torch & 2-wheel cart</p> <p>Campbell Hausfield 6.5 hp. air compressor, 60 gal.</p> <p>Army generator w/ 4-cyl. gas mtr</p> <p>Lots of hydraulic cylinders</p> <p>Forney cutting torch</p> <p>Power Mate air comp., 27 gal.</p> <p>12-drawer mechanics tool chest</p> <p>Lots of hand tools, screw drivers, wrenches, etc.</p> <p>Large black tool box</p> <p>Grease pumps</p> <p>10-ton hydraulic porta power</p> <p>Chains & boomers</p> <p>Large parts washer</p> <p>Air tools</p> <p>Electric power tools: Milwaukee, DeWalt, etc.</p> <p>Chicago electric generator</p> <p>Welding table on rollers</p> <p>Creepers</p> <p>Battery charger</p> <p>Avery jacks</p> <p>"C" clamps</p> <p>Extension cords</p> <p>Assortment of floor, bottle & house jacks</p> <p>Jack stands</p> <p>Makita cut-off saw</p> <p>Metal band saw</p> <p>Tradesman floor model drill press</p> <p>Ideal Arc 250-amp welder</p> <p>Craftsman table saw</p> <p>Large commercial bench grinder</p> <p>Roller stands</p> <p>Lots of welding rod</p> <p>Aluminum pipe wrenches</p> <p>Air bubble</p> <p>Nuts & bolts assortment</p> <p>B&S 24 hp. motor (new)</p> <p>220-volt extension cord</p> <p>Ford 300 motor w/ welder on pickup bed trailer</p> <p>ANTIQUE & COLLECTABLES</p> <p>Anvil w/ cutter</p> <p>Electric cream separator</p> <p>Walking plow</p> <p>1-row planter</p> <p>Peddle grinding wheel</p> <p>Traps</p> <p>Coors lighted outdoors Tavern sign</p> <p>Antique wardrobe</p> <p>Antique furniture</p> <p>LAWN & GARDEN</p> <p>Several pull-type & 4-wheel sprayers</p> <p>Craftsman tractor riding mower, 20hp., 42" cut</p> <p>Yard Machine 5hp rototiller</p> <p>Hand sprayers</p>
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Kansas Profile

By Ron Wilson

Executive Director of
the Huck Boyd
Institute



Janis Whitham and Clay Whitham - Kentucky Derby

By Ron Wilson, director of the Huck Boyd National Institute for Rural Development at Kansas State University

It's the Kentucky Derby at Churchill Downs. As the beautiful thoroughbreds race down in the track in the historic Run for the Roses, owners and fans cheer from the stands. In 2017, one of those owners was from rural Kansas. In fact, her Derby horse bears the name of a rural Kansas town.

Janis Whitham is the owner of this wonderful Kentucky Derby horse. Janis's son Clay Whitham told us this remarkable story.

Janis grew up at Scott City. She met and married Frank Whitham, who worked in farming, cattle feeding, and banking. The Whithams moved to Leoti and had five children.

In 1993, Frank Whitham was tragically killed in a private plane crash in western Kansas. Janis continued the family's interest in horses.

"My mom is a horse lover," Clay said. "My parents owned Quarter Horses in the 1960s, when a lot of county fairs had quarter horse races." Their inter-

est in racing led them to become interested in thoroughbreds. In the 1970s, the Whithams bought their first thoroughbreds, and they have developed their line of racehorses over time.

"Mom never wavered," Clay said. "She has kept our horse activity going through the years."

Clay got a double major from K-State in accounting and finance, and later got a master's degree from K-State. He worked in business and in banking, and is now president of Frontier Bank in Lamar, Colorado.

"Mom still manages the horse breeding," Clay said. "She looks at the pedigrees, looks at the traits, and picks the breeding lines we want." The Whithams constantly work to improve their bloodlines. The horses are boarded in the heart of racehorse country in Kentucky.

"I think Mom gets as much enjoyment in raising the mares and foals as she does in racing them," Clay said. "It is always fun to see the new foals and then to see how they grow."

Another part of Janis' job was to name the horses. In honor of her state, she has chosen to use Kan-

sas place names. For example, a few years ago, the Whithams raised an excellent bay horse they named Fort Larned. That horse won three races, including the prestigious Breeders Cup in 2012.

In 2013, another outstanding foal surfaced among the high quality colts produced by the Whithams. Janis chose to name this colt McCracken after a rural town in Rush County. McCracken is a community of 209 people. Now, that's rural.

However, a typo occurred somewhere in the process of submitting the horse name to the Jockey Club online and the last letter "c" was dropped from the name. As a result, the official name assigned to the horse was McCracken - M-C-C-R-A-K-E-N.

Whatever the name, this was one amazing horse. The Whithams used the same trainer and jockey they had used to win the Breeders Cup, and the horse developed quickly. He was described as a "closer," because he tended to finish strong. The bay horse had four starts as a racehorse and won every race. His record was so successful that he qualified for the Kentucky Derby.

In the 20-horse field of the 2017 Kentucky Derby, McCracken finished eighth. Muddy conditions on the rain-soaked track probably did not help his performance, but he ran well.

"It was a neat experience," Clay Whitham said. "The Kentucky Derby is the one event in horse racing that everybody knows.

With grandkids and everybody, we had about 50 people there. Having a horse in there made you nervous, but it was enjoyable just to soak it in."

It must have been especially rewarding to know that this was a home-bred horse. In other words, rather than simply buying a top horse at an auction somewhere, the Whithams bred and raised McCracken themselves.

It's time to leave the Kentucky Derby, where a horse owner from rural Kansas saw her horse finish in the upper half of the world's most famous horse race. We commend Janis, Clay and all the Whitham family for making a difference with homegrown equine entrepreneurship. By selecting names from her home state, Janis is making rural Kansas a winner.



Danielle Nading, Ft. Scott, Missouri, earned grand champion senior swine showman at the Flint Hills Classic Spring Livestock Show, held Sunday, April 30th at the Greenwood Spring Livestock Show in Eureka.



Kaleigh Byram, Sheldon, Missouri, was the reserve champion senior swine showman at the Flint Hills Classic Spring Livestock Show, held Sunday, April 30th at the Greenwood Spring Livestock Show in Eureka.

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AUCTION

SATURDAY, JUNE 10, 2017 • 10:00 AM
Auction to be held at 913 Grand Avenue — CLYDE, KANSAS
Directions: 1 blk. S. of the high school & 1 blk. W. or 3 blks. N of Washington St. & K-9 on High St. & 1 blk. W. (LOOK FOR SIGNS)

George & Lily have moved into Concordia and are downsizing!

5th Wheel Camper: Cougar by Keystone 5th wheel camper, 32' w/1 slide out, queen bed, shower, bathroom, new refrigerator & new tires, (in great shape); Brand new awning, carpet; 30-amp camper cord; Tripod lantern hanger; other RV fittings & supplies; Air deflector for a camper pickup; Tailgator TV antenna; Lynx levelers. **Mowers:** Toro SS 5000 50" deck zero turn mower (47.5 hrs.); Craftsman Garden tractor, 6 sp. 42" 15.5 hp. Kohler eng. w/bagger; MTD push mower; Snapper snow blower; Craftsman Aerator; Craftsman De-thatcher. **Glassware:** A lamp made from WWII shell casing; 1 gal. green jars; salt & pepper cut glass set; 8 pc. Mikasa Dresden rose china set; 5 pc. Hull set; old milk bottles (Mountain Meadow ½ pt, Alamito Omaha Pioneer Dairy 1 qt., Guth Dairy 1 gal.); brown glass ash tray; Terra Cotta soap dish; 3 brown Grolsch beer bottles; Blue USA pitcher; 6 pink Depression glasses; FireKing coffee cups; JD mug & bowls; Beyer hinged lid candy dish; miniature A&W mug; Noritake China, Pattern #N367; Stangle pottery; Danbury Mint Presidential bell set 7 pc.; Lefton China; Capodimonte Bowl from Italy; Nippon Dish; Green glassware; Arthur Wood 3 pc tea set #5525; some Bone China; Adderley Saucer set; Porcelain Basket by Ganz; 12 pc Green Cherry Blossom carnival glass; R. Capodimonte (Italy) candy dish; Royal Albert Bone china. **Pictures:** (Pointing English setters by G. Muss Arnold, Pencil sketch by Chris Marie Meeker, (pre-world War II pics, USS Arizona, USS New Mexico.) US Armada World Cruise Fleet, other war ship pictures; wolf pictures. **Furniture, Appliances & Household:** Kenmore upright freezer; Whirlpool Refrigerator; Estate Clothes washer; Kenmore dryer; Kenmore refrigerator; Haier 5.0 cu ft. deep freeze; 2 woven seat chairs, other old chairs; TV stand; VCR stand; Cat Napper Recliner; Cat Napper divan w/double recliners; electric lift chair; Marble top lamp stand; Old rocker; tower fan; Misc. Baking dishes; two drawer filing cabinet; Emachines 17" flat screen computer monitor; Computer desk; floor lamps; old metal bed frame; 8 slot gun cabinet; Invacare Elect. Chair w/extra batteries. **Antique & Collectible:** Round wood table w/4 leaf's & 6 chairs; early 1900's buffet; Cast Iron Skillets, Wagner, Griswold, Griswold Waffle iron, Griswold lid for skillet, #9 Griswold skillet 10 or 11; Complete Heirloom Sterling ware 16 pc set with accessories in box; 2 Singer sewing machines with cabinets, Serial #G2986078 pedal operated, Serial #JC321043 pedal; 8 gal. Redwing crock; antique dolls; Liberace phone; 3 woman statue (maybe ivory); 2 old wind up clocks; Coleman lantern; Road Runner weather vane; 3 old audio cassette sets including, Bob Hope Show, Old Time Radio's greatest shows, Old Time Radio's Greatest mysteries; 20 Elvis Albums in folders; 17 Old Edison Records; Readers Digest Record sets; 2 handle cross cut saw; 2 old Kenmore sewing machines; Coca Cola trays; Coca Cola bottle opener; Two Masonic Swords; 3 hand fans (Elk State Bank advertisement w/2 digit phone number). **Shop & Outdoors:** Craftsman 10" table saw; Router and table w/blades; Craftsman 10" radial arm saw; Delta 10" meter saw; Misc. wood clamps; Craftsman 16" scroll saw; 4 1/8" Jointer/planer; 1 gal shop vac.; Ohaus triple beam balance scale; Rotor-Signer attachment; 7" Kromedje Dado set; 2 shop vacs, 8 gal & 16 gal; 4 lawn chairs; Kenmore gas grill; Open end Wrench set; 2 axes; other misc. tools; 2 Coleman camping stoves; Mr. Heater Big Buddy kerosene heater; tractor yard sprinkler; 16" Poulain chain saw; Stihl weed eater; Misc. elect hand tools; shovels, rakes & other long handled tools; Durabilt air compressor. **Rock Polishing Equip.:** Saw w/10" blade, 3 wheel buffer/grinder, Buffer, Misc. Geo Rocks and other stones for cutting, case with jewelry for rock, 7" WET tile saw, 5 gal of Texaco cutting oil. **Misc.:** Black Diamond 177 pellet rifle; Benjamin Franklin Model 132, 22 cal. Pellet pistol; XL Azonic Motorcycle helmet; Aiwa stereo; Lots of cassette music tapes; set of mounted steer horns; Wall mounting bracket for a large TV; Topper for a Ford pu.; ice coolers; Werner step ladder, Magic Chef dehydrator; box fans.

TERMS: Photo ID to receive a bid number. Cash or check with ID accepted. Not responsible for accidents or theft. Nothing removed until settled for. All announcements made the day of sale will take precedence over any other information. LUNCH STAND!

SELLERS: GEORGE & LILY WARBURTON

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STORAGE UNITS AUCTION

TUESDAY, MAY 23, 2017 — 5:30 PM
5261 Tuttle Creek Blvd. — MANHATTAN, KANSAS

10 Units will be sold at this location. We will sell 2 units at 810 Fairlane, Manhattan, Kansas following the first location.

Units being sold for past due rent. Buyer to pay a \$75.00 deposit fee per unit, if unit is cleaned no later than 5:00PM, May 26, 2017, the deposit will be returned.

All units subject to past rent being brought current prior to 4:00PM day of Auction. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.** Each unit sold in its entirety to the highest bidder.

ITEMS MAY INCLUDE TOOLS, CAR, LAWN EQUIPMENT, HOUSEHOLD ITEMS AND FURNITURE. COME DISCOVER!

B & T STORAGE

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AUCTION

WEDNESDAY, MAY 31 — 5:30 PM
5739 Grannagan Point, Lake Elbo — MANHATTAN, KS

Bedroom furniture, dressers, end tables, lamp tables, Oriental and other lamps, glass front knick knack shelf and contents, art work, large brass bucket, tall brass candle sticks, kerosene lamps, stools, sewing machine, sewing basket, wicker baskets, bamboo umbrella, folding table, cameras, office supplies, leather brief case, suitcases, vacuums, towels & bedding, radios, crock-pot, fondue set, cookbooks, Sunbeam mixer & bowls, cake & bread pans, bread maker, stemware, toaster, microwave stand, pots & pans, dishes & glassware, canning jars, brass kick plate, treadmill, step stools, step ladder, SS barbeque grill, Rain Train, garden tools, fertilizer spreader, power edger, girls bicycle, coolers, golf clubs, fishing reels, tackle boxes, fish cleaning station, life vests, boat anchor, mini shop vac, electric chain saw, vise, shopmate work bench, folding army shovel, hand tools, socket sets, drills, drill bits, router, jig saw, belt sander, staplers, 2 wheeler, work light, car air compressor, jumper cables, gas cans, extension cords, hardware, numerous plastic totes, Christmas & Halloween decorations and much more.

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& Check us out on Facebook

REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, JUNE 17, 2017
Personal Property sells at 9:00 AM
House, Car and Motorcycles sell at NOON
LOCATION: 16980 Ebel Road — WAMEGO, KANSAS

OPEN HOUSE: SUNDAY, JUNE 4 - 1-3 PM

3 BEDROOM HOME ON ALMOST A 1-ACRE LOT!

Terms: Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before July 17, 2017. Buyer needs bank letter of loan approval or funds verification. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Seller reserves the right not to accept high bid. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

Check us out on Facebook & Online for more information!
www.kscrossroads.com • www.facebook.com/KSCrossroadsauctions

Listing Agent/Auction Coordinator:
BILL DISBERGER, 620-921-5642
ANDREW SYLVESTER, Auctioneer, 785-456-4352
TERRI HOLLENBECK, Broker/Owner, 785-223-2947

AUCTION

SATURDAY, MAY 31
1370 18th Road — LYONS, KANSAS
Starts 9:00 a.m. & Real Estate Sells 12:30 p.m.
ANNA MAE KIMPLE-Owner

REAL ESTATE: 9.6 acre tract 2 miles east of Lyons High School (survey available). One bedroom home with partial basement with approx. 10 outbuildings. Barn, milk house, converted granary, shop, garage, hay sheds & lambing sheds. Has both well and rural water. Lots of pens & corrals.

FARM MACHINERY & TOOLS: '66 JD 4020 power shift tractor w/Loader * '43 9N Ford Tractor * Fuel Tank w/stand * Hyd. Press * Shop & livestock tools * Older machinery-road drag, walking dump rake.

LIVESTOCK EQ: Stock trailers * Cattle panels * Pony size wagons * Brome bales.

ANTIQUES/COLLECTIBLES: Bulldog 32 cal pistol * McCormick cream separator * Drop leaf parlor table * Sq metal butter churn * 50's bedroom sets * Sausage stuffer.

HOUSEHOLD ITEMS: Washer & dryer * Chest freezer * Lighted china cabinet * Misc furniture.

Very partial list. The Kimples* were long time residents of Rice County and have collected lots and lots of things for you to look through and bid. Come join us.

Check out more items & pix at
www.strohsrealestateandauktion.com

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Producers face a Catch-22 for corn production

By Josh Coltrain, Crop Production and Local Foods Agent, Wildcat Extension District

A Catch-22 situation is defined as “a frustrating situation in which one is trapped by contradictory conditions.” Unfortunately, it seems corn producers in southeast Kansas may be stuck in one of these positions. Corn prices are at low enough levels that any additional input can greatly impact the bottom line. Conversely, with the amount of precipitation received this spring, a nitrogen sidedress may be needed to produce an acceptable yield. It is quite the conundrum.

A majority of corn in our area was planted late in March. According to the Kansas Mesonet station at Parsons, nearly 19 inches of rain have fallen from March 20th to May 15th. There are areas that have probably received even more rain than this. One might say that we usually have wet springs. However, the average rainfall from 2010 to 2016 over the same time period was 6.5 inches.

Nitrogen can be potentially lost from the soil in a few ways. In our area, the most common way nitrogen is lost is through denitrification. Denitrification is the microbial induced gaseous

loss of nitrogen from the soil due to, amongst other factors, saturated soils. Under saturated conditions, nitrogen in the nitrate form (NO₃-) is readily broken down by microbes. However, if the nitrogen is in the ammonium (NH₄+) form, it is safe from the microbes.

Simple solution, right? Simply apply only ammonium containing fertilizers. Unfortunately, as soil temperatures warm, ammonium is converted to nitrate in the soil through a process called nitrification. The warmer the soil temperature, the quicker this conversion happens.

One way to quantify how

much nitrogen has been lost is through Normalized Difference Vegetative Index (NDVI) readings. There are a few commercially available handheld NDVI devices. We happen to have a Greenseeker handheld device that I put into use.

First, I must admit that the proper way to measure NDVI with the Greenseeker device requires what they term as a Nitrogen Rich Strip (NRS), an area where more than enough nitrogen has been applied so that it is not a yield limiting factor. In my example, there were no NRS available so areas of the fields that were visually noticeably healthier (taller, darker green, etc.) were measured as an approximation for the NRS, at least the maximum attainable yield

in those fields.

In addition to the noticeably healthier spots, I measured noticeably struggling spots for one comparison. Finally, areas of the field which appeared average were measured as well. Since NRS were not available, I converted the values using Oklahoma State University's algorithm into a relative scale by simply comparing the yield projection from the best areas to the other measurements as a percentage of the best area yield.

Across the three fields, the noticeably struggling areas of the field were only projected to yield 36.4% of the projected yield from the best areas of the field. If these areas cover a large portion of the field, the de-

cision to sidedress seems straightforward and it must be done.

The average areas of the fields, which in the three fields I measured covered an incredibly high percentage of the field, projected a yield of 69.3% of the best area projections. Unfortunately, therein lies the problem. Is nearly 70% of the potential yield acceptable, especially considering today's commodity prices? Additionally, growth factors from this point forward would play a major role in the success of that sidedress.

This definitely appears to be a Catch-22 situation for corn producers. If you have questions or would like more information, 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.

KPA supports retail sales with promotions

The Kansas Pork Association is supporting the efforts of the National Pork Board's partnership with Hy-Vee for promotions on ground pork during the month of May.

In select stores throughout the Midwest, Hormel's Always Tender ground pork will be on sale for \$2.99, a promotion which is featured in Hy-Vee's May issue of *Balance* magazine. A ground pork burrito recipe is also featured.

KPA will continue to promote the sale on social media, as well as share ground pork recipes.

“This is a great opportunity to support our national efforts with our well-developed social outreach,” said Jodi Oleen, director of Consumer Outreach.

HARLEY GERDES 24TH ANNUAL MEMORIAL DAY CONSIGNMENT AUCTION

MONDAY, MAY 29, 2017 — 9:00 AM

LOCATED ON 75 HWY, NORTH EDGE OF LYNDON, KS (30 MILES SO. OF TOPEKA)
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TRACTORS
1996 FORD NH 8240, CA, 3 pt., pto, w/side ditch mower, 8,224 hrs., Needs Trans. Work
1982 IH 244, 4x4, 3 pt., pto, 567 hrs.
JD 2020, gas, 3 pt., pto, 3,900 hrs., Good
1971 AC 180, 3 pt., pto
1953 FORD Jubilee, gas, 3 pt., pto

COMBINES & HEADS
1993 JD 9600, CA, 4x4, 4,409 eng., 3,144 sep.
1978 JD 7700, CA, hydro, chopper, 4,051 hrs., Clean
JD 930, flex
JD 220, rigid

KILLBROS, 30', head trailer
TILLAGE
BUSHHOG, 16', disc
IH 460, 16', disc
CIH 496, 22', disc, Good
IH 4600, 24', field cult., Field Ready

TRUCK & TRAILER
1994 FORD F-350, 7.3, 5 sp., flatbed
1978 COLT, 40', double hopper, grain trlr.

WAGONS
KILLBROS 385, gravity, w/hyd pump & auger
M&W, 400 bu., gravity
Hyd. auger for gravity wagon

MISCELLANEOUS EQUIP.
HESSTON 1340, 13', disc mower conditioner
NH 55, rake
JD 7000, 8x30, plateless, planter
NH 358, grinder mixer
JD 158 ldr., w/valve, bale spike only
IH 2350, w/bucket & bale spike, fits 66
DANUSER, p.h. digger
SERVIS, 5', 3 pt., shredder
Shredder, 5', pull type

MISCELLANEOUS
JD 9400 combine bin extension
12) JD 7000, plateless planter units

For complete sale bill & photos visit us at www.HarleyGerdesAuctions.com

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2010..... CIH 2162 (40')	\$39,900
2009..... MacDon FD70 (40')	\$35,900
2015..... MacDon FD75 (30')	\$53,900
2015..... MacDon FD75 (35')	\$52,900
2015..... MacDon FD75 (35') w/transport	\$52,900
2015..... (2) MacDon FD75 (40')	\$53,900 & \$55,500
2013..... MacDon FD75S (35')	\$52,900

Combines For Sale

2008..... John Deere 9670 STS	\$109,000
2008..... Case IH 8010	\$109,000
2008..... Lexion 585R	\$99,000
2008..... John Deere 9770 STS	\$95,000

Call Jerry at 800-255-0337

View pictures & additional information at www.AbileneMachine.com

AUCTION

SATURDAY, JUNE 10, 2017 — 9:30 AM

1453 EAST LANE, MANHATTAN, KANSAS
(South of Manhattan on 177 To Lafayette Dr. Turn East)

**REAL ESTATE
(SELLS APPROXIMATELY 11:00 AM)**

This Ranch style home is on one acre and has 2 bedrooms, 2 baths, kitchen, living room, family room and breezeway on main floor with hardwood floors and limestone fireplace. The full basement has been partially finished. There is a 2-car attached garage. The home has many possibilities for a handyman.
Buyer to pay 10% down day of Auction with balance on or before July 10, 2017. All inspections including lead base paint inspection

GUNS (Sell approx. 10:30 AM)
Winchester model 90 hex barrel, 22; Winchester model 02, 22 short; Sturn Ruger 22 auto pistol; Walther 32 pistols; German HS 22 pistol; Star leader 410; LC Smith 16ga field dbl barrel shotgun; Remington 22; 3 BB guns. Ammo; fishing poles; gun case; ammo box; clay pigeons.

Oak loveseat & matching chair; dropleaf table & 4 chairs; stainless steel Kenmore refrigerator; 2 Oak library tables with drawer; Oak dresser with yoke mirror; Oak table; Oak office chair; 2 old trunks; dresser with mirror; 2 bookshelves; computer armoire; safe; 3-drawer chest; brown Norge refrigerator; piano stool; jewelry making pieces & stones; steamer trunk; rocker; floor lamp; camel saddle; gray 50's dropleaf table; Mid Century shrunk; sewing machine cabinet; microwave stand; Oak lap desk; school desk; old library ladder; Director's chair; folding cots; 2 dressers; coat racks; quilt rack; records; 2 guitars; ukulele; Surveyor's transit; miniature shop tools

to be completed prior to Auction at Buyer's expense if requested. Auctioneer/Realtor representing Seller. Taxes prorated to closing. Cost of Title Insurance to be divided equally between Buyer & Seller. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.**

OPEN HOUSE ON REAL ESTATE Thursday, June 1, 2017, 5-6:30 PM or by appointment by contacting Vern Gannon Broker/Auctioneer, Gannon Real Estate and Auctions, 785-770-0066 or 785-539-2316.

& steam engine; plastic doll house & furniture; toy station; wooden train set; tent; bow & arrow; shoe last; sewing; pottery; Christmas decorations & dishes; lamps; coolers & thermoses; kitchenware; wall quilt rack; milkglass chickens; Barbie items; sets dishes; glassware.

ARTWORK: Indian Warrior by McCarty and Limited Edition Military pictures by Leonard Young Bear. Old cameras; cuckoo clock; stained glass; Golden Wheat dishes; hand-painted bowls; vases; candleholders; Anniversary clock; gold colored flatware; lamps; LOTS BOOKS; '45's & other records; Artifacts & arrowheads; copper teakettle. Camper topper for Dodge Dakota pick-up; aluminum fishing boat; old Invador camping trailer(storage); Cheetah camping trailer (storage); older MTD riding mower; lawn aerator; 2 camper toppers; Potter's wheel; wet grinder; pottery supplies; Paragon high fire kiln (AA88); ceramic molds; power washer; cement mixer; boat trolling motor; Delta 10" table saw; jointer; drill press; drill

press; belt/disc sander; reciprocal saw; band saw; saws; pipe bender; extension cords; paint gun; jacks; tarps; soldering guns; drill bits; many tools; bar clamps; wheelbarrows; aluminum ladder; creeper; blow torches; toolboxes; sanders; circular saw; scale; battery charger; gas torch; chain saw; levels; sockets; crescents; jig saw; timing gun; electric chain saw; grindstone; garden tools; hatchets; shovels; tool bench; GI cans; carpenter & mechanics tools; drills; sanders; lots hardware; scrap metal; brick swing frame; ramps; ladder jacks; 5 propane bottles; drafting table frames; stone cutter kit; rocks; license plates; kerosene lantern; washboard; wash tubs; old doors; wood-ten crates; metal chair; wash tub stand; stove; rocker frame; metal beds; retro chair; primitive painted cabinet; old windows; lumber; sinks; windmill base(lawn); guttering; copper; bathroom fixtures; old door knobs; old trim; bird houses; cabinets; lockers; bug light; hardware; lots miscellaneous. **Come Discover!**

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AUCTION

SUNDAY, JUNE 11, 2017 — 11:00 AM

10240 MT ZION ROAD — MANHATTAN, KANSAS
(East of Manhattan, KS to Lake Elbo Road then North to Mt Zion then East)

**REAL ESTATE
(SELLS APPROXIMATELY 12:30 PM)**

Home & approximately 3 Acres. Older 7-room, one bath home with attached garage & screened porch. There is a very good 40'x40' metal shop building that was constructed in 1989 and several small outbuildings on the property. The home has rural water & is just off blacktop road. Being close to Manhattan & Wamego this property has many possibilities. Property like this does not come on the market often.
Buyer to pay 10% down day of Auction with

Antique pie cupboard; drop-front desk; Oak shelf; 1950's red dropleaf table; small school desk; wardrobe; Duncan Phyfe table; exercise equipment; file cabinets; Oak dresser; small cedar chest; 4-drawer cabinets; desk; 2 twin beds; round clothes rack; Oak buffet; trunk; full bed with dresser; 5-drawer chest; entertainment center; stools; 2 & 4-drawer files; dinette table; console stereo; Frito Lay director's chair; train track board; ½ round table; headboard; shelf unit; child's rocker; wood high chair; chest; blonde dresser; various chairs; school desk; implement wheels & seats; metal bed; 2 blonde shelves; cabinets; Army desk; pictures & frames; vintage ladies bike; horseshoes; croquet set; BB pistol; pellet gun; toys; Red Ryder BB gun; games; puzzles; old school map; chess set; Budweiser horse & wagon; records; lots Star Trek/

balance due on or before July 11, 2017. Buyer & Seller to divide Cost of Title insurance equally. Taxes prorated to closing. All inspections including lead base paint inspection to be done prior to Auction at Buyer's expense if requested. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.**

OPEN HOUSE Wednesday, May 31, 2017, 5-7PM or by contacting Vern Gannon Broker/Auctioneer 785-770-0066 or Gannon Real Estate & Auctions 785-539-2316.

Star Wars items; Hotwheels; Shawnee pig creamer; swan; Camel cigarette tin; Shawnee pitcher; creamers & sugars; knife collection; cat TV lamp; what-nots; jewelry & chest; lots material & sewing; umbrella stand; totes; plastic lawn chairs; fans; stands; office chair; floor lamp; stained glass pieces; pictures; bookends; sad irons; car bank; pink pitcher; tiles; baskets; heaters; humidifiers; cups; music box; dolls (Barbie); Elvis decanter; clock; greeting cards; sewing machine; crystal vase; black panther; silverware; remote control car & Hummer; tower heater; trumpet; boom box; toaster; blender; glass candleholders; Boyd's nativity set; luggage; lamps; grinders; lighted Willie picture; old hats & hat boxes; handmade walking sticks; pots; pans; mixer; crockpot; vases; glassware; electronics; 2011 Pentagon on plaque; paper shredder;

Christmas Village; wooden trays; tins; lamps; cross stitch; Aunt Jemima syrup pitcher; Boyd's bears; dishes; bowls; fire extinguisher; paperback books; lots VHS tapes; DVD's; canning jars; kitchen items; craft items; Tupperware.

3pt disk plow; trailer frame; motor scooter; Ariens riding lawn mower; self-propelled mower; 10" radial arm saw; anvil; 50 gal. air compressor; electric snow blower; Sun volt/amp tester; scaffolding; extension & other ladders; wheelbarrow; 2 new garage door openers; floor jack; jack stands; grinders; drill press stand; table with vise; McCall's cabinet; toolboxes; battery charger; organizers; tools; gas cans; garden hose; pet carrier; chains; tubs; garden tools; saws; hardware; lots bolts, parts, pipe fittings; oil products; foot lockers; cabinets; shelving; lumber; scrap iron; lots & lots more! **Many boxes not yet gone through.**

CROSS TRAIL FARM
PAUL & LAURA LEE CROSS ESTATE

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Western Kansas hit by Wheat Streak Mosaic Virus

By Jordan Hildebrand, Program Assistant

While grazing cattle on volunteer wheat may seem like a cost-effective option in a tough farm economy, not controlling volunteer wheat may cost you, and your neighbors, down the line. Volunteer wheat is a host for the wheat curl mite, the transmitter of Wheat Streak Mosaic Virus (WSMV), the disease that is crippling the western Kansas wheat crop.

In addition to WSMV affecting wheat, it's common for plants infected with WSMV to also be infected with High Plains mosaic and

triticum mosaic viruses. The symptoms of these diseases are nearly identical, but disease severity is greater when plants are infected by more than one virus. According to K-State Research and Extension Agronomy, six west-central Kansas counties (Greeley, Wichita, Lane, Hamilton, Kearny and Finney) are experiencing extreme distribution of wheat streak mosaic, triticum mosaic and high plains mosaic virus. Many fields in this area are severely diseased and could experience more than 70 percent yield loss, if not a complete loss.

The rest of western Kansas is dealing with high distributions of these diseases while the central region is also seeing high and moderate infection levels.

Losses due to WSMV depend on variety, weather, percent of plants infected and the time of infection. Infections that occur in the fall are the most damaging, with yield losses of 50 percent or more. Spring infections may cause losses closer to 20 percent. The first visible symptoms usually pop up in April on the edges of fields near volunteer wheat. Yellow streak-

ing and mosaic patterns on young leaves and stunted tillers are some of the first signs. Symptoms worsen as the weather warms. Leaves on the infected plants turn yellow from the tip down, but usually the leaf veins remain green the longest. This gives the appearance of a striped yellow and green leaf, if the leaf is able to unfurl completely at all.

While there is no chemical treatment for WSMV, there are management options to limit your risk. Controlling volunteer wheat is essential, both for yourself and your neighbors. Volunteer wheat provides a "green bridge" through the

summer between successive wheat crops, and that green bridge is the perfect home for wheat curl mites, the only known vector of WSMV. The volunteer wheat must be thoroughly destroyed for no fewer than two weeks in order to eliminate the wheat curl mites. Kansas winds are the preferred mode of transportation for wheat curl mites, so volunteer must be killed within one-quarter to one-half mile of a newly planted field.

Another control option is to avoid early planting. It's recommended to wait until after the "fly-free" date for WSMV control. Plant varieties with resistance to the

virus or the curl mite. While no variety currently has high resistance to WSMV, many varieties do have a partial resistance. In addition, the Kansas Wheat Commission funded research into developing a trait, WSM3, that is highly resistant to both wheat streak mosaic and triticum mosaic viruses.

Undoubtedly, the best method to control WSMV is controlling the volunteer wheat. Be a good steward, and a good neighbor, when making these management decisions, and you might just be rewarded with a boost of bushels on your next wheat crop.

KCA holds meeting in Abilene



Mary McDonald, center, discusses the features of the Rawhide Portable Corral Processor, invented by John McDonald, during a tour of the plant as part of Kansas Cattlemen's Association Regional meeting in Abilene on May 18. The Processor allows cattle to be worked on-site and can be set up by one person in ten minutes.

Photos by Donna Sullivan



McDonald also told of the company's history during the tour, which was followed by a meal at the Historic Shockey and Landes Building in downtown Abilene. The meeting included a presentation by Craig Krebs of SmartLic, discussing how competition among cattle at feeders and mineral tubs leads to decreased performance. Valley Vet demonstrated their VetGun and gave one away as a door prize.

GROWMARK Foundation announces local 2018 scholarship recipients

Fifteen agriculture students have been selected as the first class of recipients of The GROWMARK Foun-

dation scholarship.

Among them were Ty Montgomery, of Coats and Nicole Sudbeck, Seneca.



Earning reserve champion junior swine showman at the Flint Hills Classic Spring Livestock Show was Emma Fox, Hepler.

Ty is the son of Kenny and Lori Montgomery and is studying animal biotechnology and biochemistry at Oklahoma State University. Nicole is the daughter of Steven and Donna Sudbeck and is studying agronomy at Kansas State University.

More than 125 students from across the United States and Ontario, Canada, applied for the award. Applications were evaluated by a panel of agribusiness professionals, and the funds are available for the fall 2018 semester.

"We are pleased to provide financial support to these outstanding students," said Amy Bradford, GROWMARK manager, Corporate Communications and man-

ager of The GROWMARK Foundation. "Their pursuit of higher education in agriculture will position them well to potentially become a part of the GROWMARK System in the future, whether that may be employment at GROWMARK or an FS member cooperative, or as a farmer-owner of their local cooperative."

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SELL HOGS 1ST & 3RD
WEDNESDAY OF EVERY MONTH
5/17/17

COWS		BULLS		HEIFERS	
Florence, 1 blk	1150@77.00	Burdick, 1 blk	1465@70.50	Hope, 4 blk	630@163.50
Marion, 1 bwf	1735@76.00	Florence, 1 blk	1365@70.00	Marion, 3 blk	670@151.50
Marion, 1 red	1630@76.00	Florence, 1 blk	1200@70.00	Gypsum, 63 mix	845@140.50
Burdick, 1 bwf	1010@75.50	Tampa, 1 red	1215@70.00	Marion, 2 blk	738@140.00
Marion, 1 rwf	1890@75.50	Tampa, 1 rwf	1260@68.50	Marion, 6 blk	853@132.50
Abilene, 1 Char	1620@75.00	Florence, 1 blk	1160@68.00	Ramona, 56 mix	945@131.50
Wilsey, 1 rwf	1095@75.00	Cncl Grve, 1 rwf	1130@68.00	Tampa, 52 mix	1015@128.60
Cncl Grve, 1 blk	1725@74.50	Tampa, 1 blk	1360@68.00	Tampa, 52 mix	1014@127.25
Ramona, 1 red	1540@74.50	Florence, 1 blk	1045@67.50	Tampa, 51 mix	1040@126.50
Florence, 1 blk	1125@72.50	Florence, 1 blk	1125@67.50	Tampa, 52 mix	1045@126.00
Tampa, 1 blk	1585@72.50	BULLS		HEIFERS	
Burdick, 1 blk	1485@72.50	Maize, 1 red	1080@101.00	Marion, 3 blk	545@145.00
Hillsboro, 1 bwf	1465@72.00	Abilene, 1 Char	1945@98.00	Marion, 2 blk	410@145.00
Burdick, 1 blk	1520@72.00	Marion, 1 blk	2170@98.00	Marion, 3 blk	508@145.00
Burdick, 1 bwf	1245@71.50	Peabody, 1 blk	1785@90.00	Marion, 5 blk	604@143.50
Florence, 1 blk	1480@71.50	Durham, 1 red	1955@87.50	Burdick, 2 mix	593@142.00
Cncl Grve, 1 bwf	1120@71.50	Marion, 1 blk	1605@86.50	Burdick, 10 blk	522@142.00
Marion, 1 blk	1465@71.00	Florence, 1 blk	1555@82.00	Woodbine, 66 mix	838@135.00
Florence, 1 blk	1080@70.50	STEERS		Cncl Grve, 3 blk	803@130.00
Florence, 1 blk	1125@70.50	Marion, 4 blk	386@195.00	Wilsey, 3 blk	653@120.50
Tampa, 1 red	1530@70.50	Burdick, 2 blk	445@181.00	Wilsey, 2 blk	785@115.00
Burdick, 1 blk	1505@70.50	Marion, 2 blk	525@174.00	Tampa, 5 blk	1089@110.00
		Burdick, 16 blk	601@166.50		PAIRS SOLD FROM \$1160-\$1350

CONSIGNMENTS FOR MAY 24:

- 230 mostly blk str, 950 lbs
- 125 cross bred str, 800 lbs
- 53 mostly blk str, 850 lbs
- 60 mix str, 875 lbs
- 40 mostly blk hfrs, 800 lbs
- 66 mostly blk str & hfrs, 700-900 lbs
- 58 mostly blk str, 950 lbs

MORE CATTLE BY SALE TIME!

CONSIGNMENTS FOR SHEEP/GOAT SALE: MAY 25:

- 12 exp hair ewes ranging from 1-4 yrs old
- Package of young grass nannies running with a blk hd roper ram.
- 10 package of young bred nannies
- 15 hd of mix kids

CLAY TOEWS- Sheep/Goat Sale Mgr. • 620-747-0843

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K-14 CONSIGNMENT AUCTION

SATURDAY, MAY 27, 2017
9:00 AM

Location: K-14 Auction Center,
10919 S. K-14 Hwy.
HUTCHINSON, KANSAS 67501

Early Consignments: 1988 IH 5 spd, Diesel Semi Tractor, 8 cyl w/air ride, 220k miles (excellent cond); Ford 3000, Gas w/4000Hrs (one owner); McCormick W-9 Gas Tractor (good condition); Bush Hog 20' Rotary Hoe; Gehl 1500 Round Baler; IH 16' Disc (good); Gravity Wagon (good); Flare Wagon Box; 4' Brush Hog; IH Rollbar Rake; Custom Handicap Lift for Combine; Grazer 52" riding mower; '89 Polaris 2 stroke 4x4 4-wheeler; Boat Trailer; Stobart Cattle Panels; Hedge Posts; Cedar Logs; Lots of Shop Tools; Vinyl Concrete Forms; Hustler 42" Raptor Riding Lawnmower (10Hrs)-like new w/3 yr warranty; Old Wooden Windows and Doors; Alum and Vinyl Windows; Concrete Blocks; Dog Kennel; Pop Machine (works); Antique Scales; Reddy Heater; Storage Cabinets; Stepladders; Electrical and Plumbing Supplies; Misc. Lumber and Plywood; Plus hundreds of items not listed. **Local Estate:**

Large selection of Hand Tools, Large Aluminum Wheelchair Ramp (like new); Craftsman riding Mower; Craftsman Trim Mower; Tool Chests (loaded); Hundreds of Fishing Lures, Poles, and Supplies, Fish Mounts, (good high end fishing equipment, seller was an angler champion); Golf Cart Battery Charger; Alum Ladders; Wheelbarrow; Lawn and Garden Supplies; Coleman Coolers and Camping Supplies; many more items.
Sports Shack-119 N Main-Hutchinson: Large Selection of Display Racks; Bill Caps; Russel Sweatshirts (all sizes and colors); Softball Bats; Bat Bags; Baseball Helmets; Final Four and NCAA Mugs; New Socks; Rainsuits; Lots of Sporting and Leisure Clothes; This is only a partial listing, the store has closed for retirement after being in business for almost 30 yrs, all items are brand new and current, no out dated items, a good selection.

NOTE: We will be selling in multiple rings again at this auction so bring a friend and enjoy the day as the variety is great!! Many unlisted items arrive daily, so watch the auctionzip website site for updates and photos.

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RECEIPTS FOR THE WEEK TOTALED 3,287 CATTLE AND 41 HOGS.

STEERS		6 blk	Ellinwood	577@157.00
300-400	\$175.00-\$182.00	4 mix	Sterling	603@157.00
400-500	\$180.00-\$192.00	6 mix	Lebanon	528@156.50
500-600	\$165.00-\$180.00	16 mix	Lebanon	595@149.50
600-700	\$155.00-\$175.50	10 mix	Salina	667@148.75
700-800	\$140.00-\$154.00	20 blk	Sedgwick	678@147.00
800-900	\$130.00-\$145.50	16 mix	Burton	728@142.50
		55 blk	Assaria	755@142.00
HEIFERS		41 mix	Sedgwick	776@139.50
300-400	\$165.00-\$177.00	71 mix	Hutchinson	766@138.50
400-500	\$151.00-\$169.00	16 blk	Delphos	735@138.00
500-600	\$145.00-\$160.50	3 mix	Wilsey	817@131.00
600-700	\$143.00-\$158.00	9 mix	Randolph	837@131.00
700-800	\$130.00-\$142.50	23 mix	Inman	815@130.50
800-900	\$115.00-\$131.00			

COW SALE, Monday, May 15:

STEERS		HEIFER PAIRS	
2 blk	Salina 463@192.00	13 red	Belleville @2350.00
23 blk	Clay Center 517@190.50	12 red	Belleville @2150.00
6 blk	Salina 471@188.00	6 char	Lebanon @1975.00
3 char	Sterling 450@188.00	1 red	Longford @2200.00
72 blk	Barnard 458@188.00	5 blk	Miltonvale @2150.00
2 blk	Salina 425@183.00	5 blk	Herington @2150.00
39 blk	Barnard 392@182.00	5 red	Herington @2150.00
6 char	Sterling 580@180.00	9 blk	Herington @2000.00
17 blk	Barnard 531@180.00	2 red	Herington @2125.00
40 blk	Clay Center 608@175.50	8 blk	Herington @2100.00
11 blk	Belleville 575@174.00	5 blk	Cawker City @2250.00
4 blk	Belle Plaine 499@173.00		
5 blk	Sylvan Grove 609@172.00	FALL CALVES	
3 blk	Salina 625@171.00	19 Hereford	Lebanon @1485.00
12 mix	Delphos 614@171.00	12 bwf	Lebanon @1885.00
5 blk	Sylvan Grove 665@165.50	8 blk	Salina @1450.00
26 mix	Delphos 670@161.50	5 blk	Salina @1410.00
15 blk	Clay Center 742@154.00		
25 mix	Delphos 755@150.00	CALVES	
64 mix	Hope 841@145.50	1 blk	Abilene 225@500.00
77 blk	Assaria 874@141.00	1 blk	Holyrood 260@485.00
		1 blk	Gypsum 175@475.00
		1 blk	Tescott 270@475.00
		1 blk	Carlton 185@425.00
		2 wf	Minneapolis 185@350.00
		1 blk	Beloit 115@300.00
		1 blk	Concordia 100@285.00
		1 blk	Tampa 75@225.00
		COWS	
		1 bwf	Bennington 1185@77.00
		1 bwf	Assaria 1430@77.00
		1 blk	Beverly 1435@76.50
		2 blk	Concordia 1165@76.00
		1 blk	McPherson 1785@76.00

HEIFERS

20 blk	Barnard 325@177.00
6 blk	Ellinwood 414@169.00
2 blk	Salina 450@167.00
25 mix	Barnard 355@167.00
13 mix	Salina 454@165.50
19 blk	Clay Center 480@163.50
21 blk	Clay Center 548@160.50
2 blk	Lehigh 443@160.00
9 blk	Belleville 529@158.50
3 blk	Sylvan Grove 612@158.00
23 blk	Clay Center 619@157.50
26 mix	Delphos 635@157.50

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- 6'8" X 24' GOOSENECK STOCK TRAILER
- 6'8" X 24' GR Stock Trailer Metal Top

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SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE

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

THURSDAY — CATTLE ONLY

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

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1 bwf	Abilene	1345@75.50	1 blk	Delphos	175@385.00
1 blk	Newton	1700@75.50	1 blk	Delphos	160@325.00
1 blk	New Cambria	1555@75.50			
3 red	Salina	1573@75.50	BULLS		
1 blk	Barnard	1660@75.50	2 blk	Hutchinson	1678@93.00
4 blk	Carlton	1556@75.00	1 blk	Lindsborg	2120@93.00
1 red	Abilene	1780@75.00	1 blk	Tescott	2175@98.00
			1 blk	Minneapolis	1880@95.50
			1 blk	Smolan	1910@98.00
			1 blk	Smolan	2200@95.00
			1 char	Chapman	1925@95.00
			1 blk	Sylvan Grove	2340@103.00
			1 blk	Herington	1970@102.00

BULLS	
1	Sylvan Grove 2135@693.50
1	Geneseo 1865@101.00
1	Solomon 2105@98.00
1	Geneseo 1805@97.00
1	Concordia 1945@95.00

HOGS	
1 sow	Carlton 620@45.00
1 sow	Carlton 540@40.00
27 fats	Tescott 281@44.00
1 sow	Hays 540@42.50

CALVES	
1 blk	Hoisington 180@360.00
1 blk	Wilson 225@435.00
1 blk	Lindsborg 280@475.00
1 bwf	Tampa 210@425.00
1 blk	Durham 275@435.00
1 blk	Durham 95@485.00

COWS	
3 mix	Sterling 1597@76.50
1 blk	Sterling 1485@76.50
1 blk	Lyons 1670@77.00
1 blk	Lyons 1505@76.00
1 blk	Lindsborg 1465@76.00
1 blk	Lindsborg 1540@76.00
3 blk	Lyons 1460@76.50
3 blk	Durham 1240@76.50
1 blk	Falun 1245@77.00
1 blk	Lindsborg 1390@78.00
1 blk	Gypsum 1745@77.00
1 blk	Lindsborg 1385@78.00

Last Thursday Auction will be May 25 at 10 AM

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CLASSIFIEDS

CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY

RATES AND DISCOUNTS

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Although complete name, address and phone number need not appear in your ad, we must have this information for our records.

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FIGURE YOUR COST HERE:

RATE: 65¢ a word.

Number of words: _____ @ 65¢ each

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Multiply one-week cost times number of weeks you want ad to run.

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DISCOUNTS: (with cash or credit card orders only)
deduct 10% if ad runs 2 or 3 weeks;
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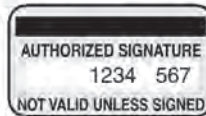
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- LIVESTOCK EQUIPMENT
- BUILDINGS-BUILDING MATERIALS
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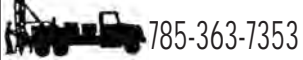
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Portable panels, Feed Bunks & Round Bale Feeders

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LEONARDVILLE, KS 66449
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785-293-2235

CLAAS USED FORAGE HARVESTERS & HEADS

- '11 Claas 960.....Coming
- '10 Claas 980.....Coming
- '09 Claas 980
- '05 Claas 900.....Call
- '04 Claas 900.....Call

Claas RU600, 8 row headFrom \$30,000

TRACTORS

- 2012 Case 315.....\$190,000
- Agco Star 8360.....\$45,000
- *****

COMBINES

0% For 5 years on all 62 & 72 Series combines

- '13 Gleaner S67
- '12 Gleaner S77
- '12 Gleaner S67
- '11 Gleaner S67
- (2) '10 Gleaner R76
- '05 Gleaner R75.....\$120,000
- '02 Gleaner R72.....\$85,000
- '99 Gleaner R72.....\$75,000
- '95 Gleaner R72
- '98 Gleaner R62.....\$67,500
- (2) '97 Gleaner R62 ...\$45,000
- '94 Gleaner R62.....\$40,000
- '13 3000 12R30.....\$55,000
- '11 3000 12R30.....\$50,000
- *****

MISCELLANEOUS
Sunflower Tillage equipment
.....Coming in daily

AGCO MASSEY FERGUSON
Kalvesta Impl. Company, Inc.
620-855-3567
KALVESTA, KS 67856
www.kalvestaimplement.com

Gleaner Combines

- JD 4630.....\$15,500
- '04 R75 RWA.....\$59,500
- '01 R62.....\$59,500
- '99 R62.....\$44,500

EZ Trail Gravity Wagons,
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Great Plains Tillage Tools

81 Farm Eq. Service
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1997 JD 9600 COMBINE 925 flex head, \$27,000. 620-496-6313

Pre-Owned Air Seeders

- 11 JD 1890 50X10\$180,000 E (10898)
- 14 JD 1890 60X7.5\$228,000 B (10964)
- 13 JD 1895 40X10\$195,000 H (11080)
- 10 JD 1890 36X10\$105,000 E (11110)
- 14 JD 1890 36X7.5\$126,000 E (11213)
- GP 3510.....\$12,500 E (11687)

Pre-Owned Planters

- 12 Case IH 1250, 24 X 30\$109,000 B (11197)
- 09 JD 1720, 16 X 30\$52,000 H (11277)

COMBINES

- 2007 Case IH 7010, 4WD
- 2005 Case IH 2377 4WD
- 2003 Case IH 2388 4WD
- 2007 CASE IH 2020 flex, 30', 35'
- 2005 CASE IH 2208 8RN
- 1986 Case IH 1063 6RN

NEW TRACTORS
Case IH Maxxum 115 MFD
Case IH Maxxum 125 MFD
Case IH Farmall 120C MFD

USED TRACTORS
2013 Case IH 75C MFD, ldr
2013 Case IH Maxxum 125 MC

COMBINES

- 2008 JD 6430 cab, MFD
- 1996 JD 6300, 2WD, cab, ldr
- 1977 IH 1586 OTT

MISCELLANEOUS

- 2010 Case IH 330 Turbo, 31'
- 2014 Kinze 3500 8/15
- 1995 Case IH 4800 FC 32'
- 1994 Case IH 8465, twine Landpride RB 55120 10' blade GP 2SF24 Drill
- 1999 GP 1005NT drill
- Westendorf TA26 loader

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or
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COMPLETE FARMHAND 8 bale accumulator, PTO driven pump and 8 bale grapple. Located in the Southwest Topeka area, \$500. 785-230-0241, evenings.

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- 15 JD 1775NT, 12 X 30,\$89,500 H (11449)
- 04 JD 1720\$29,500 H (11706)
- 11 JD 1760\$42,000 B (11711)

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(866)522-9600 (800)558-4640
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— **PLANTERS/DRILLS** —

- '09 JD 1990 CCS 40/10'\$65,000
- '01 SF 9433 40' LF\$29,500
- '94 GP 20' drill\$6,950
- '94 JD 455 35' drill\$21,400
- '03 GP 30' drill\$27,500
- '81 IH 5100 13' drill\$3,950
- '08 JD 1770NT 24/30.....\$69,500
- '15 JD 1775 ExactEmerge 16R30.....\$167,500
- '15 Kinze 4900 16R30.....\$84,500
- '14 Kinze 12/23.....\$89,500

— **COMBINES** —

- 2- '13 JD S680 4wd ..\$179,500
- '13 JD S670\$219,500
- '12 JD S670 4WD\$169,500
- '15 JD S660 Hillco\$304,500
- '13 JD S660\$209,500
- '12 JD S660\$184,500
- '12 JD S660\$199,500
- '10 JD 9870\$149,500
- '09 JD 9770\$129,500
- '05 JD 9660\$68,000
- '06 JD 9560\$89,500
- '09 CIH 1640.....\$12,500
- 32 corn heads
- 24 flex heads

— **SPRAYERS & APPL.** —

- '09 JD 4830 100'.....\$89,500
- '08 JD 4730\$110,000
- '13 4630\$132,500
- '10 JD 4630\$115,000
- '09 Spray Coupe 4460\$59,500
- '02 Willmar.....\$43,500
- '13 Apache AS720.....\$149,500
- '08 CIH 4520\$115,000

— **TRACTORS** —

- '12 JD 956ORT\$229,500

- '04 JD 9420\$99,500
- '97 JD 9400 4WD\$57,500
- '02 JD 8520\$89,500
- '10 JD 8320R.....\$129,500
- '11 JD 8310R.....\$159,500
- '12 JD 8335RT.....\$197,500
- '11 JD 8335 MFW D ..\$157,500
- '03 JD 7420\$64,500
- '10 6430.....\$72,500
- '15 JD 6155M\$97,500
- '14 JD 6125M\$97,500
- '64 JD 3020\$8,500
- '15 CIH 240.....\$169,500

— **TILLAGE** —

- '11 JD 2310 45'.....\$69,500
- '13 JD 20' VT\$36,500
- '05 JD 512 22 1/2'.....\$29,500
- '11 CIH 330 34' VT\$32,500
- '06 SF 1444 40'\$29,500
- '11 CIH 370 30'\$34,500

— **HAY EQUIPMENT** —

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- '05 Gehl 2880\$5,950
- '10 JD 285 DM\$6,500
- '12 NH H6750 9'\$7,500

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- M1240 New Series w/D1XL disc head

USED EQUIPMENT

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USED IMPLEMENT

- Gehl 1870 rd. baler
- 2014 Gleaner S77 combine
- 2012 Gleaner S-77
- 1998 Gleaner R72
- Gleaner 8200 25' flex w/air reel
- Gleaner 8200 30' w/air reel
- Gleaner 800 30' flexhead
- Gleaner 400 30' rigid
- 2003 MF 9690 w/30' head

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LINN, KANSAS



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NEW EQUIPMENT

504 Signature R baler
Winkel Calving Pen
Portable Corral
6650 Baler
R2300 rake
VR1224
BPX 9000 Bale Processor
MC 3700
Perfect Tree Saw

USED EQUIPMENT

605G baler
605M baler
M850 Mower Demo
3 pt tree shear

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- 2015 JD 8370R
- 2014 JD 8345R
- 2011 JD 8335R
- 2013 JD 8310R
- 2015 JD 7250R
- 2009 JD 7230

USED PLANTERS

- 2005 JD 1760 12 row
- COMBINES**
- 2015 JD S670
- 2014 JD S660
- 2012 JD S660
- 2015 JD 630FD
- 2014 JD 606C
- 2013 JD 608C
- 2011 JD 608C
- 2010 JD 608C

NEW EQUIPMENT SPECIALS

- 2016 JD 2510H
- USED EQUIPMENT**
- 2016 JD 2510H Dry
- 2014 JD 569 baler
- 2011 JD 568 baler
- 2008 JD 568 baler
- SOLID - STABLE STILL JD**

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- 2001 Bobcat 763 2800 hrs
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- 2015 JD 323 E track skid loader, 140 hrs.
- Cat 8' roll out bucket, off 928G
- IH 1566 7500 hrs, 18.4x38 duals
- 2013 JCB260 skid loader
- 2012 NH T6.165 MFD loader tractor
- 2008 JCB 536-60 Agra telehandler 2,800 hrs
- 2013 JD 323D track skid loader, 560 hrs.
- HAY EQUIPMENT**
- New H&S 12 wheel carted rake
- New MacDon R116 Moco.
- 2011 Hesston 2856A
- New H&S 1660 16 wheel Hi Cap rakes
- 1997 Hesston 565A round baler

- COMBINES**
- 2004 Case IH 2366
- AUGER & GRAIN CARTS**
- 2008 Harvest International 13x72 swing hopper
- Westfield TR100-61 std. Hyd. swing hopper
- New Parker 839 grain cart
- Parker 510 grain cart, corner auger
- 2009 Demco 750 grain cart
- Brandt 1050 grain cart,

MACHINERY

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IH 800-900-950-955 Cyclo
JD 494-1280, 7000-7300,
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ALLIS N7-6, L2, L, M, G, F2, F, CII, AII; JD 8820, 7720, 7700, 6600, 4400, 3300, 105, 95, 55; MF 860, 760, 750, 510, 410; IH 1680, 1480, 1460, 915, 815, 715, 503, 403; NH TR70-85, 1400, 995, 985, 975.

SALVAGE TRACTORS

ALLIS 7000-7080, 220, 210, 190XT; D17-19; JD 84-8630, 7520, 6030, 5020, 4630, 4430, 4020, 3020, 720, 730; CASE 1470, 1370, 1270, 1200, 1070, 930, 400; IH 1568, 1466, 1256, 1066, 1026, 806; FORD 4-5-6-8-9000; MF 2745, 1155, 1100, 90, 85; OLIVER 2150; MM G1000; WH2-150, 4-150.

Mike's Equipment
BUHLER, KANSAS
1-800-543-2535

SALVAGING COMBINES
N5, N7, L, L2, M, F, G, C, CII, AII, A&E, K Gleaner. 6620, 7720, 8820, 7700, 6600, 4400, 3300, 105, 95, 55, JD. 915, 1480, 1460, 1420, 815 IHC. 860, 760, 750, 510, 410, 300 Massey. Several black and orange Gleaner cornheads.

Jack Boyle

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WANTED: DIESEL CASE International and JD tractors with problems. 785-388-2032

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- Special Pricing
- New Rhino 2150 15' Batwing shredder
- New Rhino 3150 15' Batwing shredder
- Harvest King 250 gravity wagon
- Farm King 250 gravity wagon
- Case IH 5300 NH3 machine, 13 shank
- Howse 7' rotary mower
- New Cimarron 7' rotary mower
- New Brown 10' & 12' box scrapers
- New Sunflower 6630/27' vertical till
- 2011 Sunflower 1435-40 split wing disc
- Icon 1632 grader rear steer



SUPERIOR IMPLEMENT, INC.

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Evening: 402-879-3719
SUPERIOR, NEBRASKA

MACHINERY

USED TRACTORS

'13 Case IH Magnum 315, 1310 hrs
'01 Case IH MX220 MFD, 5,900 hrs
'98 Case IH 8910 MFD, 7630 hrs
'41 IH FarmAll A w/Woods belly mower
Ford 9N

MISCELLANEOUS

'13 NH H8040 SP Windrower w/14' head, 665 hrs
'06 Bestway FieldPro III 1000
'13 CASE IH DC132 disk MOCO
'10 CASE IH 1250 planter 12/30 Bulk fill
'09 Case IH 330 turbo 34'
'07 Case IH RMX340 25' disc IH 496 Disc, 22'
'05 JD 2210 FC 35' float hitch IH 4500 F.C. 18.5'
CIH 6500 conser til chisel 14' JD 235 disk, 23'
IH 55 chisel 7' trailing
IH 9' chisel, 3pt
'96 JD 9500, 4WD, 3275 eng., 2205 sep.
'91 JD 653A row head
'89 JD 643 cornhead
'82 JD 6620, 3200 hrs, 4WD
'94 JD 915 flex
'91 Case IH 1680 combine 4WD

'06 Case 1020 30'
'05 Case 1020 30'
'87 Case IH 1020 15'
'88 Case IH 1020 16.5'
'89 Case IH 1020 25'
'94 Case IH 1020 20'
'94 Case IH 1063 cornhead
'89 Case IH 1083 cornhead
IH 810 platform 20' w/trail
IH 863 cornhead
'95 Case IH 8465, A. baler
'88 Case IH 8420 rd. baler, low bale count
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IH 2001 loader
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-\$190,000 (W)
- 2011 Case IH 7120, 1765 hrs
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- 2005 Case IH 2388, 3827 hrs
-\$79,950 (W)
- 1991 Case IH 1680, 4663 hrs
-\$17,500 (C)
- 2012 Case IH 2162 35' draper
-\$52,500 (W)
- 2015 MacDon FD75 35' draper
-\$64,500 (M)
- 2007 Case IH 1020 30' flex.....
-\$19,500 (S)
- 2003 Case IH 1020 25' flex.....
-\$10,500 (C)
- 2001 Case IH 1020 22.5' flex.....
-\$15,950 (W)
- 2009 Case IH 2020 35' flex.....
-\$20,000 (S)
- 2011 Case IH 3020 30'
-\$21,500 (M)
- 1994 Case IH 1010 30 rigid.....
-\$5,500 (M)
- A&L F500 grain cart.\$6,950 (W)
- EZ Trail 500 grain cart.....
-\$6,500 (C)
- Brent 420 grain cart.\$7,500 (C)
- Brent 780 grain cart.\$15,900 (C)
- Sunflower 8782 grain cart.....
-\$17,500 (W)
- DRILLS:**
- Case IH SDX30 w/ADX2230
-\$39,500 (C)
- Case IH Precision Disk 500T 25'
-\$115,000 (W)

MACHINERY



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- Tobin flip blade for skid steer
- New Gehl R260 skid loader
- New Gehl V330 skid loader
- New Gehl RT210 track ldr.
- Used Gehl 5240
- 2012 Gehl 5640 E skid loader
- Haugen 4 spear bale fork
- 2013 Case, SV250 fully equipped, 1500 hrs
- Gehl 100 MX GrinderMixer
- JD 347 sq. baler
- Glencoe 9 shank soil saver
- Worksaver walk thru pallet forks 48"
-\$800
- Haugen bale grapple bucket
- New M&M tree shears & grapples
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-\$650

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- Enorossi 12 14 whl. hayrakes
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- USED EQUIPMENT**
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- GB 800 loader

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- Great Plains 2600HD 26'
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- Krause 5200F 25' w/liquid.....
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- Landoll 5531 40'
-\$72,500 (C)
- Landoll 5530 30'
-\$46,500 (M)
- PLANTERS:**
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-\$72,500 (M)
- Case IH 1250 24RN w/liquid....
-\$85,000 (W)
- Case IH 1250 12RN w/liquid....
-\$58,500 (W)
- Case IH 900 16RN RHF w/liquid
-\$6,000 (M)
- GP YP4025A 32TR w/liquid.....
-\$79,500 (C)
- Kinze 2200 12RN plain
-\$19,000 (H)
- Kinze 3600 16RN w/liquid.....
-\$56,000 (S)

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JD 853A Row head.....\$10,000
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JD 893 cornhead hyd. deck CALL
JD 643 Corn head 6r\$3,000
JD 220 felxhead.....\$1,500
Kinze 1040 graincart.....\$23,000
UFT 500 grain cart.....\$3,000
Gravity Flow Wagon.....\$2,000
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.....\$75,000
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- IH 496 disc.....\$3,500
- Anhydrous Knife machine Flex-King.....\$15,000
- Lilliston 12R30
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- JD 885 cultivator 3pt 8r30..CALL
- SF Field cultivator
- \$2,000
- JD 886 cultivator 8 rw,
- CALL
- Blu Jet Ripper pull-type 7 sk.....
-\$9,000
- (2) 1999 JD 1560 NT drill 10"x15'
- CALL
- JD 1750 planter 8R liq. fert., TW
-\$15,000
- JD 17700 planter 8R30..\$10,000
- 2007 GP 3S3000HD NT drill
-\$28,000
- JD 455 drill, 7.5 spacingCALL
- CIH 955 planter.....CALL
- Rhino SR20M-20 Batwing mower,
-\$6,500
- JD dozer blade, fits JD 4WD tractor.....\$2,500
- Rhino 1540 BackBlade 3pt.\$2,500
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- CALL
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- \$1,500
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605N Baler
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4' & 5' Net Wrap & Twine

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Yard & Garden Tips
By Gregg Eyestone
Plant Situations

Trees with anthracnose, cedar-apple rust, bagworm hatch, rabbits, and winter injury are just a few situations that are occurring this spring. No matter how well we plan ahead, situations occur. Proper identification of the situation and strategies to reduce them are the keys. K-State Research and Extension can help with both.

A good starting point is to contact the Extension office. I would be glad to talk with you on the phone, in person or through an email. In some situations a site visit is the best solution.

Our website has numerous resources. One website to search out is our common plant problems in Kansas. The site will come up if you search for it. Problems are listed in alphabetical order. It will be listed by the name of the plant or name of the problem. For example, there are 23 posts for potential tomato situations.

Many situations are hard to determine the cause. These include environmental situations. There may not be one single cause but a combination of stresses that has led to plant inju-

ry or death. Moisture and temperatures are common stresses.

K-State Research and Extension polls weekly to determine the pest of the week. This may be an insect, disease, weed or environmental stress. The pest is posted on the web. Search Kansas pest of the week for the 2017 growing season list.

The best management practice is to get the right plant for the right growing location. A list of suggested plants to grow in Kansas is available on the website. Kansasroots.org website is

a new one to view for suggested plants.

New varieties of plants are fun to try. Kansas has a challenging climate for plants to grow in. Not all cultivars of the same type of plant will perform well. I lost three of the same variety of butterfly bush, a glossy Abelia and a snowball tree this past dormant season. Some other plants died back to the ground.

Growing plants is fun and challenging in Kansas. Extension has many resources to assist you with your gardening situations.

You can find out more information on this and other horticulture topics by going to the Riley County, K-State Research and Extension website at www.riley.ksu.edu. Gregg may be contacted by calling 785-537-6350 or stopping by 110 Courthouse Plaza in Manhattan or e-mail: geyeston@ksu.edu

Osborne Industries, Inc. to exhibit at VIV Russia 2017

Osborne Industries, Inc., a leading manufacturer and supplier of advanced pig production equipment, is pleased to announce that it will be exhibiting at VIV Russia, the nation's premier feed-to-meat trade show and conference that represents every step in the livestock meat production process. The show is held in Moscow,

Russia, from May 23-25, 2017. Osborne will be present in Hall 8, stand 10D1.

Osborne USA will be showcasing the AC-CU-ARM® Survey Scale™, an automated pig sorting scale for large pen finishing. Osborne's Survey Scale is a component of Osborne's exclusive Weight Watcher™ growth management system: a sorting and feeding system that allows producers to feed pigs based on their actual weight and produce more uniform animals for marketing.

A concept developed from extensive research and animal behavior studies by Osborne USA engineers and scientists, Weight Watcher uses animals' natural movements from feed to water to automatically weigh and sort animals. Lightweight animals can be fed a high-performance feed to accelerate gain and cut time to market, while heavy pigs receive a ration that maximizes return on gain. Feed is automatically phased to match growth rates and minimize wasted nutrients. Suc-

cessful implementation of the Weight Watcher system allows producers to turn barns quicker and market more pounds of pork.

Additionally, Osborne USA will showcase the latest model of its well-known FIRE® (Feed Intake Recording Equipment) pig performance testing system. FIRE is an ad-libitum feeding system that automates individual animals' daily feed intake and other performance characteristics for the genetic, feed and pharmaceutical testing of pigs. The system is successfully used by more research and genetics companies than any other performance testing system.

Visitors can take advantage of learning about Osborne's complete product line that ranges from traditional equipment like Stanfield® pig heating mats and Big Wheel® feeders, to advanced, automated systems like Weight Watcher, FIRE, and AGRI-AIDE® farm ventilation systems.

VIV Russia, held biannually, is Russia's premier

event for animal husbandry and feed experts, bringing together industry professionals from all over the world. The exposition targets professionals in the areas of feed mills, pig, cattle, and fish farms, meat processing companies, and more.

Osborne Industries, Inc., headquartered in Osborne, specializes in the development and manufacture of pig production equipment, with over 40 years of experience in the agriculture industry. Osborne's products can be found in over 40 countries around the world. Only Osborne automated management systems (FIRE Performance Testing System, TEAM Electronic Sow Feeding System, and Weight Watcher Growth Management System), manufactured in the USA, are available in Russia through Osborne Industries, Inc. (USA) or its affiliate, Osborne Russia. For more information on Osborne USA products, call 1-800-255-0316 (1-785-346-2192) or visit www.osborne-livestockequipment.com.

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Kansas 4-H growth plan includes participant fee, expanding partnerships

After several months of examining budgets and learning from other states, Kansas 4-H will implement a \$15 program fee for participants beginning Oct. 2.

The fee is necessary to begin filling a gap left by declining state funding, according to Wade Weber, state 4-H program leader. "As an organization, we

have sought input on how to diversify funding streams and grow the 4-H program," Weber said. "Our commitment is to provide the best 4-H program and operation-

al support to local Extension units."

Families' investments in 4-H youth development will fund:

Efforts to enhance projects so they have maximum value to youths and their communities

Volunteer and staff training to support such enhancements

Measuring the effectiveness of programs to ensure they are the best fit for young people and their communities

Efforts to improve communication and information sharing throughout the state, especially via the web

and social media

4-H's presence at the Kansas State Fair

Stronger partnerships in every community and with Kansas State University

High-priority project areas

Sustaining and growing Kansas 4-H has become more difficult as state budget shortfalls added to the gap between revenue for the program and what is needed to sustain it and work toward becoming a nationally-recognized, high-quality program.

The decision to implement the fee came after a task force representing all

regions in the state conducted a series of statewide surveys and solicited suggestions and feedback.

The months-long review of finances, budgets and projections was part of a larger conversation about organizational change, which also included hiring a new statewide director for 4-H youth development. Weber began working in that role earlier this month. He reviewed the proposal and agreed with the task force's recommendation for adding the \$15 annual fee.

"They worked diligently to investigate a viable means to diversify funding streams to sustain, enhance and grow the K-State Research and Extension 4-H Youth Development Program," Weber said.

The fee is one part of a broader solution to grow program excellence and fulfill priorities. Weber's intent is for Kansas 4-H to be widely known for engaged youth, empowered volunteers, equipped professionals and expanding partnerships.

Those partnerships will be especially crucial to the efforts to build a stronger foundation for Kansas 4-H, Weber said. Increased help from partners and participant fees are all part of the mix of resources needed to ensure enough support for young people around the state.

Among the partners already on board with commitments to grow Kansas 4-H are John Floros, dean of the College of Agriculture and director of K-State Research and Extension, and Daryl Buchholz, associate director of Extension and Applied Research, who have placed a high priority on training and development of local volunteers.

Likewise, the Kansas 4-H Foundation is committed to partnering on volunteer development as well as marketing and growth initiatives.

As the task force looked at its options, the idea of a small fee rose to the top of the list, especially as other states' operations were explored.

A 2016 survey of 38 other states' 4-H programs showed that 25 have some type of fee in place. Those fees range from \$3 to \$50 per year. Some states also charge by the number of projects in which a young person participates.

The Kansas 4-H fee will be required beginning Oct. 2, when annual enrollment begins. Families that cannot afford the participation fee may request a waiver at the time of enrollment.

Clubs and sponsors may also pay fees for youths. The Kansas 4-H Foundation has also committed to raising funds specifically for program fee waivers to ensure every young person in the state can have access to high-quality 4-H programs.

Kansas 4-H is the youth development program for K-State Research and Extension. Through 4-H's educational mission, young people learn by doing so they can be equipped to reach their full potential and become engaged adults who make valuable social and economic contributions in their communities.

Nearly 78,000 young people participated in such activities across Kansas last year, aided by 11,000 adult and youth volunteers in partnership with local extension agents who, collectively, work in all 105 Kansas counties.

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BEATRICE, NE	4 BLK STR	341@\$201.00	WASHINGTON	4 BLK COW	1,240@\$75.50		
HANOVER	1 BLK STR	340@\$201.00	WASHINGTON	3 BLK COW	1,345@\$75.50		
LIBERTY, NE	4 BLK STR	397@\$198.00	SENECA	1 BLK COW	1,295@\$75.50		
BREMEN	2 RED STR	460@\$192.50	HANOVER	1 BLK COW	1,445@\$75.00		
BERN	2 BLK STR	435@\$190.00	WASHINGTON	1 BLK COW	1,230@\$75.00		
HERKIMER	1 BWF STR	425@\$189.00	WASHINGTON	4 BLK COW	1,378@\$75.00		
HOME	1 BWF STR	445@\$188.00	DUBOIS, NE	1 BLK COW	1,645@\$75.00		
FRANKFORT	9 MIX STR	458@\$186.50	DUBOIS, NE	1 BLK COW	1,300@\$75.00		
LIBERTY, NE	6 BLK STR	474@\$186.50	CENTRALIA	1 BLK COW	1,285@\$74.00		
BAILEYVILLE	1 BLK STR	500@\$186.00	AXTELL	1 BLK COW	1,305@\$74.00		
WATERVILLE	2 WF STR	287@\$185.00	DUBOIS, NE	1 BLK COW	1,355@\$74.00		
FRANKFORT	1 WF STR	345@\$185.00	DUBOIS, NE	1 BLK COW	1,500@\$74.00		
MANHATTAN	3 MIX STR	456@\$184.00	FRANKFORT	1 RED COW	1,320@\$74.00		
BERN	1 BLK STR	505@\$181.00	WASHINGTON	1 BWF COW	1,370@\$73.50		
FRANKFORT	2 BWF STR	540@\$180.00	DUBOIS, NE	1 BLK COW	1,540@\$73.50		
WYMORE, NE	2 XBRD STR	475@\$176.00	WASHINGTON	4 BLK COW	1,356@\$72.50		
WASHINGTON	1 XBRD BULL	375@\$176.00	WASHINGTON	1 BLK COW	1,400@\$72.50		
BREMEN	7 RED STR	581@\$173.50	WASHINGTON	1 RED COW	1,635@\$72.50		
GREENLEAF	2 BLK STR	527@\$173.00	WASHINGTON	1 BLK COW	1,765@\$72.00		
BERN	9 BLK STR	570@\$173.00	LINN	1 BLK COW	1,500@\$72.00		
HANOVER	12 BLK STR	589@\$171.00	LIBERTY, NE	1 BLK COW	1,540@\$72.00		
WATERVILLE	2 BLK BULL	527@\$170.00	LINN	1 BLK COW	1,460@\$72.00		
WYMORE, NE	1 BLK STR	475@\$170.00	WASHINGTON	2 BLK COW	1,592@\$72.00		
WYMORE, NE	5 BLK STR	629@\$168.00	CENTRALIA	1 BLK COW	1,280@\$72.00		
WYMORE, NE	1 BLK STR	465@\$167.00	SEWARD, NE	1 BLK COW	1,380@\$71.50		
HANOVER	1 BLK STR	540@\$166.00	MORROWVILLE	1 BLK COW	1,415@\$71.50		
MAHASKA	1 BWF STR	575@\$165.00	LIBERTY, NE	1 BLK COW	1,505@\$71.50		
WATERVILLE	5 MIX STR	588@\$164.50	BLUE RAPIDS	1 CHAR COW	1,405@\$71.00		
GREENLEAF	12 XBRD STR	684@\$162.00	WATERVILLE	1 BWF COW	1,400@\$71.00		
BREMEN	1 RED BULL	590@\$159.00	WASHINGTON	1 BLK COW	1,060@\$71.00		
WYMORE, NE	9 BLK STR	720@\$156.50	SENECA	1 BLK COW	1,470@\$70.50		
MAHASKA	6 XBRD STR	674@\$155.50	WATERVILLE	1 BLK COW	1,305@\$70.50		
WYMORE, NE	1 XBRD STR	595@\$153.00	ODELL, NE	1 BLK COW	1,665@\$70.50		
GREENLEAF	1 XBRD STR	590@\$152.00	BREMEN	1 BLK COW	1,335@\$70.50		
WATERVILLE	1 BLK STR	675@\$151.00	SENECA	1 BWF COW	1,320@\$70.00		
BERN	2 BLK STR	725@\$150.00	WASHINGTON	1 RED COW	1,470@\$70.00		
BREMEN	3 BLK STR	793@\$143.00	WASHINGTON	1 BLK COW	1,510@\$70.00		
WASHINGTON	3 BLK BULL	636@\$143.00	CENTRALIA	1 BLK COW	1,530@\$70.00		
PAWNEE CITY, NE	16 XBRD STR	817@\$137.00	CENTRALIA	1 BWF COW	1,445@\$70.00		
SABETHA	1 BLK STR	820@\$136.50	MORROWVILLE	1 XBRD COW	1,235@\$70.00		
SUMMERFIELD	118 MIX STR	917@\$134.25	BARNES	1 BWF COW	1,315@\$69.50		
WYMORE, NE	1 XBRD STR	690@\$131.00	HOYT	1 BLK COW	1,465@\$69.50		
SENECA	1 BLK BULL	675@\$129.00	VERMILLION	1 BLK COW	1,110@\$69.50		
LIBERTY, NE	7 BLK STR	916@\$128.00	CONCORDIA	1 BLK COW	1,615@\$69.00		
SUMMERFIELD	2 XBRD STR	855@\$125.00	WASHINGTON	1 XBRD COW	1,270@\$69.00		
PAWNEE CITY, NE	2 BWF STR	912@\$122.50	CENTRALIA	1 BLK COW	1,560@\$69.00		
ODELL, NE	1 BLK STR	1,005@\$120.50	WASHINGTON	1 BLK COW	1,160@\$69.00		
			LIBERTY, NE	1 BLK COW	1,420@\$69.00		
			SENECA	1 BLK COW	1,345@\$68.50		
			DUBOIS, NE	1 XBRD COW	1,235@\$68.50		
			BERN	1 BLK COW	1,640@\$68.50		
			BLUE RAPIDS	1 CHAR COW	1,485@\$68.50		
			HANOVER	1 BLK COW	1,315@\$68.50		
			BLUE RAPIDS	1 CHAR COW	1,455@\$68.00		
			BLUE RAPIDS	1 BLK COW	1,210@\$68.00		
			BERN	1 BLK COW	1,555@\$68.00		
			WASHINGTON	2 BLK COW	1,382@\$68.00		
			LIBERTY, NE	2 BLK COW	1,185@\$68.00		
			DUBOIS, NE	1 BLK COW	1,455@\$67.00		
			WYMORE, NE	1 RED COW	1,320@\$67.00		
			SENECA	1 RED COW	1,025@\$67.00		
			BLUE RAPIDS	1 CHAR COW	1,440@\$67.00		
			BLUE RAPIDS	1 RED COW	1,455@\$66.00		
			SENECA	1 CHAR COW	1,575@\$66.00		
			SENECA	1 BWF COW	1,180@\$66.00		
			WASHINGTON	1 RED COW	1,270@\$66.00		
			MORROWVILLE	1 BLK COW	1,235@\$65.50		
			WASHINGTON	1 BLK COW	1,425@\$65.50		
			WASHINGTON	1 BLK COW	1,380@\$65.00		
			WETMORE	1 XBRD COW	1,165@\$65.00		
			BLUE RAPIDS	1 CHAR COW	1,385@\$65.00		
			ODELL, NE	1 WF COW	790@\$65.00		
			WYMORE, NE	1 BLK COW	1,370@\$64.50		
			CONCORDIA	1 BLK COW	1,455@\$64.00		
			MARYSVILLE	1 BWF COW	1,410@\$64.00		
			LIBERTY, NE	1 BLK COW	1,270@\$64.00		
			DUBOIS, NE	1 BLK COW	1,345@\$64.00		
			AXTELL	1 BLK COW	1,310@\$64.00		
			PAWNEE CITY, NE	1 BLK COW	1,175@\$63.50		
			BARNES	1 XBRD COW	1,595@\$63.50		
			BREMEN	1 HOL COW	1,730@\$63.50		
			SENECA	1 BLK COW	1,255@\$63.50		
			ODELL, NE	1 BLK COW	1,130@\$63.00		
			WASHINGTON	1 BLK COW	1,345@\$63.00		
			WASHINGTON	1 BLK COW	1,165@\$63.00		
			ODELL, NE	1 BLK COW	975@\$62.50		
			CENTRALIA	1 BLK COW	1,250@\$62.00		
			WYMORE, NE	1 BLK COW	1,135@\$62.00		
			LIBERTY, NE	1 BLK COW	1,385@\$62.00		
			WESTMORELAND	1 RED COW	1,295@\$61.50		
			MARYSVILLE	1 WF COW	1,345@\$61.50		
			WASHINGTON	1 BLK COW	1,150@\$61.00		
			DUBOIS, NE	1 BLK COW	1,190@\$61.00		
			BERN	1 XBRD COW	1,415@\$60.50		
			ADULT BULLS				
			BREMEN	1 RED BULL	1,820@\$100.50		
			SENECA	1 BLK BULL	2,290@\$98.00		
			GREENLEAF	1 BLK BULL	1,410@\$98.00		
			BEATTIE	1 BLK BULL	1,280@\$96.00		
			BREMEN	1 BLK BULL	1,975@\$95.50		
			GREENLEAF	1 BLK BULL	1,500@\$93.50		
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			30 MIX STRS/HFRS	500-600#	WV	HR	
			12 BLK HFRS	500-600#	WV	HR	
			28 BLK STRS/HFRS	550-650#	WV	HR	
			16 BLK STRS	550-700#	WV	HR	
			45 XBRD STRS/HFRS	550-700#	WV	HR	
			35 BLK STRS/HFRS	550-750#	WV	HR	
			60 BLK STRS	875-900#	WV	HR	
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			WASHINGTON	1 WF COW	1,115@\$77.00		
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Research keys advances in swine industry the past 20 years

To the Editor:
Our congressman, Rep. Roger Marshall, M.D. (R-Great Bend) voted for the American Health Care Act, saying it would be good for patients and good for Kansas hospitals.

However, he was contradicted by Andrew Gurman, M.D., president of the American Medical Association, who warned that the AHCA would cause "serious harm to patients and the health care delivery system."

Rep. Marshall, what do you know that the AMA does not?

In a telephone conference following the passage of the bill, reporters gave Rep. Marshall plenty of opportunities to answer that question. They repeatedly confronted Rep. Marshall with the fact that what he says about the bill is just the opposite of what health care experts say about it.

But the congressman avoided the substance of those questions. He never challenged critics' methodology, data, or assumptions. Instead, if a conclusion undermined his narrative, he dismissed or disparaged the source.

For example, when told that Sheldon Weisgrau, the director of Kansas's Health Reform Resource Project, says "AHCA would mean less money for Kansas because it cuts Medicaid and over the next ten years will cause 24 million people to lose insurance," Marshall said, "I have never heard

of Sheldon Whatever-his-last-name-is, so I'm not sure what kind of expert I would consider him."

When asked why the American Hospital Association and the National Rural Health Association oppose the AHCA, if it's so good for hospitals, especially rural hospitals, Marshall replied, "I don't think they totally understand the bill."

When told that numerous analysts say the AHCA would hurt "the elderly, the disabled, and especially those in categories of low income," Marshall said, "That's what the national media wants to spin."

But there is one source Rep. Marshall does not discredit: Secretary of Health and Human Services Tom Price, a long-time proponent of reducing funding for Social Security, Medicare, and Medicaid. In the same interview in which Marshall made the infamous comments about the poor not wanting health care, he also said he considered Sec. Price "a brother."

Rep. Marshall faithfully echoes what Sec. Price says about the AHCA.

But in a recent interview on CNN's State of the Union, Sec. Price earned Four Pinocchio's from Fact Checker at the Washington Post for his misleading claims about the AHCA.

So what evidence is there that Rep. Marshall's nice-sounding promises are actually true—and not just an effort to get us to ac-

cept the right-wing's long-held goal—to reduce public benefits and transfer that money to the rich?

That question dominated Rep. Marshall's town hall in Wamego on May 10.

Over and over again, constituents asked him:

Where is your evidence, Rep. Marshall?

What studies or data are you relying on?

What are your views based upon?

He had no answer!

He asked us simply to trust his years of experience as a physician.

But Rep. Marshall, the American Medical Association has a few years of experience, too. And unlike you, the AMA uses data, studies, and analysis.

They're the ones telling us the AHCA would cause "serious harm" to Kansans and Kansas hospitals. You can't dispute that conclusion — but you voted for the bill anyway?

How then can you say you are keeping your physicians' oath to "do no harm?"

If the health care system gets worse, rather than better—if your claims turn out to be as baseless as they currently appear — right-wing catch phrases will not protect Kansans from increased physical suffering or financial pain.

Sincerely yours,

Margy Stewart
11003 Lower
McDowell Rd.

Junction City, Kansas

Kansas Land Trust dedicates conservation easement

The Kansas Land Trust (KLT), a non-profit organization dedicated to protecting and preserving Kansas lands of ecological, agricultural, scenic, and recreational significance will dedicate the Youngmeyer conservation easement on Tuesday, June 6, at 1 PM.

The Youngmeyer Easement, located southeast of Beaumont in Elk County, permanently protects 4,676 acres of native tallgrass prairie. Owned by the Earl W. Jr. and Terri Youngmeyer Family Foundation, this prairie will also be an ecological research site for Wichita State University. Nearly 500 plant species have been documented on

this ranch. This prairie also provides rich wildlife habitat for the greater prairie chicken.

The Kansas Land Trust collaborated with National Fish and Wildlife Foundation to conserve over 16,000 acres through a Native Environment Conservation Plan (NECP) with financial support from Tradewind Energy and Enel Green Power North America, owner and operator of the Caney River Wind Project.

Free and open to the public, this event commences at 1 p.m. at the Youngmeyer Ranch. Speakers will provide information about conservation easements followed by a hike on the prairie.

Please RSVP at jjost@klt.org or call (785) 749-3297.

Directions: From Beaumont travel south on SE Ferrell Road for about seven miles, turn on SE 180th Road which becomes Rock Road in Elk County for approximately 2.5 miles. KLT signs will be posted to guide you to the dedication site.

For additional information, contact Jerry Jost at 785-749-3297 or jjost@klt.org.

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SATURDAY, MAY 27 — 8 AM to 2 PM
838 Quail Road — WAKEFIELD, KS

FURNITURE: Recliner, kitchen table with 6 roller chairs, modern roll top desk, bookcase, wood TV stand with storage, several wood storage carts on wheels, side tables & nightstands, several wood chest of drawers, rocker, slender wood drop leaf table, several tall metal 2 door utility cabinets, mid-century bedroom set with full size bed complete & dresser with mirror, cedar chest, 1930's bedroom set with full size bed complete, chest of drawers & vanity with round mirror & bench; card table & chairs, small chrome/gray formica drop leaf kitchen table, full size chrome/pink formica table with 6 chairs, gossip bench, full size turned spindle headboard/footboard, old radio/ Victrola cabinet, Victrola oak music cabinet, painted drop leaf dining table, oak arts & crafts style buffet, tall oak cabinet with glass doors, assortment of wood chairs, painted 2-door cabinet, old painted wood kitchen cabinet (poor condition), two metal 4 compartment meat lockers, wall mirrors, lamps, Airline console stereo.

APPLIANCES: Crosley washer & dryer, 18 cu ft Montgomery Ward chest freezer, small refrigerator, small electric stove, old gas Roper range, humidifier & dehumidifier.

ALL ITEMS ARE PRICED & READY TO SELL! COME IN & SHOP—PAY FOR YOUR PURCHASES & TAKE THEM HOME!
For complete listing & LOTS of photos, go to:
kansasfinderskeepers.blogspot.com
QUESTIONS? Stephanie Avery, Sales Manager, 785-632-7304

A Kansas State University swine scientist says that advances in how pigs are raised have led to enormous improvements in pork production over the last 20 years.

Mike Tokach, university distinguished professor of animal science, said that research has allowed the swine industry to safely increase litter sizes and growth rates of finishing pigs.

"It is quite amazing when you look at where we were 20 years ago," Tokach said. "The average sow in the mid-1990s produced about 14 pigs marketed per sow, and today we are over 22 pigs marketed on that same sow base."

"Pigs grow about 30 percent faster than they did 20 years ago. That's fairly amazing if you ask me in terms of how fast an improvement we've made in the industry. And they do that with about 20 percent less feed per pound of gain than we did 20 years ago."

Tokach noted that in the 1990s, the average litter was seven to ten pigs. "Now we have a lot of farms that are weaning over 15 pigs per litter," he said. "That allows you to achieve some very high targets."

What it means is that for the average sow in the United States, "We get about 80 percent more pork produced for each of those individual animals," Tokach said.

Advances in genetics, artificial insemination and feed nutrition are key factors in the success of the swine industry, according to Tokach. Geneticists have filled an important role in selecting for breeding success and in reducing the mortality rate of newborn pigs.

"Using artificial insemination, we have been able to spread high-quality sires and high-quality pigs over a much larger population," he said.

Kansas State University's swine nutrition group is renowned for research that focuses on converting feed to energy in the most efficient

way possible.

"You have to have the capability with genetics to be able to do it, but we've learned a tremendous amount about nutrition and how to feed these pigs in order to achieve these growth rates," Tokach said. "It used to be that we would formulate diets to a digestible energy basis, but now we get down to where we are very much formulating on a productive energy — how much energy those pigs will truly utilize for lean deposition and put it to productive uses."

Researchers also now are capable of adding amino acids to the swine diet to target the pigs specific needs for growth and health. That helps to improve production and money savings on the farm.

"One of the biggest drivers in terms of feeding the pig is the feed costs, so anything we can do to reduce the feed costs is going to be beneficial," Tokach said. "We certainly do that by watching how we put the diets together and minimize excesses and waste."

The other side of it, he said, is the improvement in genetics to be able to convert feed into protein as efficiently as possible. That's where geneticists have come in and improved the quality of pigs.

Tokach noted that farmers' key role in the growth of the industry has included "having the right equipment, the right facilities, to be able to take advantage of the research breakthroughs that we've been able to come up with."

"The confinement facilities we have today allow us to capture not only the waste of those pigs, but also capture the gains that these pigs are capable of because they're not wasting a lot of energy in fighting the elements," he said. "They have

a controlled environment where they always have the temperature that helps them maintain their growth as efficiently as possible, and we have a lot less feed wastage that occurs in these facilities.

"Our old feeders that we had, especially in those outdoor lots, it was not uncommon to have 25-30 percent feed wastage, and today we know that these feeders are capable of being down to under 10 percent, most of them 5 percent wastage of the feed that's put in front of the pigs."

History suggests that recent years' growth in market weight won't slow down. Tokach said that the industry has increased market weight every year since 1930. Packing plants in the U.S. are being built anticipating pigs at heavier weights than the industry has today.

"When I say we're going to see heavier weights, it's usually between three-quarter to one and one-half pounds per year, so it takes ten years to go another ten pounds in market weight," Tokach said. "But we will probably be another ten pounds heavier ten years from now if we look at history."

Tokach said this all speaks to an increased emphasis on science.

"The things that we've done in the research side, we used to have just a few research facilities at universities, now we have a lot of research facilities in production systems across the United States," he said. "Our ability to have breakthroughs on the science side continues to improve, but we certainly need the support of all of our taxpayers and all the people out in the state to keep supporting agriculture and agricultural research so that we can bring food to the table as we have in the past."

ESTATE AUCTION

SATURDAY, JUNE 10, 2017 — 10:00 AM
At the farm, 781 Indian Road, Linn, KS; 6 miles west of Linn on 8th Road, then 1/8 mile south on Indian Road, on the west side.

CLASSIC AUTOMOBILE

1969 Plymouth GTX, 2 door hardtop, 440 V-8, auto, split bench seat, antique green, 77,520 miles, original; VIN RS23-L9G-188822. Lennis bought this car in May 1969.

VEHICLES

2007 Pontiac Grand Prix 4 door sedan, black, 142,000 miles; 2006 Ford F-250 pickup, 4x4, Power Stroke Diesel, auto, black, 147,000 miles; Winkler flatbed; 1994 Ford F-150 pickup, V-8, 4x4, blue, 4 speed; 1974 Chevrolet C-60 truck, 366 V-8, 4&2, 15 ft. steel bed, hoist, red, 91,000 miles; 1970 Chevrolet C-50 truck, 350 V-8, 4&2, 15 ft. bed, hoist, red.

TRACTOR & FARM MACHINERY

John Deere 4020 Diesel tractor, synchro range, SN T213R164426R; John Deere 6620 combine, hydro, SN 403813; John Deere 843, 8row 30 inch corn head; John Deere 443, 4 row 30 inch corn head; John Deere 920, 20 ft. grain head, rigid; John Deere 125 skid steer, gas, SN 0100419; John Deere 7000, 8 row 30 inch planter, pull type; John Deere 5200 forage harvester, hydro, DuraDrum and feed rolls replaced recently, 4,759 hours, SN 124519E; John Deere 4 row 30 inch forage head; John Deere 7 ft. pickup forage head; John Deere 12 ft. direct cut forage head; John Deere 400 grinder mixer; John Deere 145, 5-14 plow; Westendorf TA 26 front end loader, 6 ft. bucket w/grapple, 4020 mounts; 3 pt. NH3 applicator; Hutch 8x53 pto auger; Kelly Ryan 4x8 feed wagon; New Holland 675, 275 bushel manure spreader, poly floor, tandem axle; Trailmann 6'8"x16 gooseneck stock trailer; Richardson side dump wagon; Ford 3 pt. pto hay rake; 4, 6, and 8 inch aluminum gated and line pipe; 300 gallon 3 pt sprayer; 3 pt. 8 ft. blade; Small Clipper seed cleaner; Chop saw; Drill press; Lincoln 225 welder; Hand, power, and shop tools; Wood chipper; Painted metal sheeting; Many pieces of old machinery, scrap iron and aluminum, incl. combines, planters, tillage eqmt., irrigation eqmt.

TOYS

100++ farm toys, incl. combines, tractors, some Precision models, some old, some newer, mostly John Deere.

HOUSEHOLD ITEMS & COLLECTIBLES

China cabinets; tables; other furniture; belt buckle collection, including many Hesston buckles; Depression glass; other glassware; other household items; pellet stove.

Terms: cash or good check. Announcements the day of the auction take precedence over printed advertising.

THE ESTATE OF LENNIS D. HELMS

The Plymouth GTX will sell at 12:00 Noon.

Check the website for pictures and more information.

Auction by:

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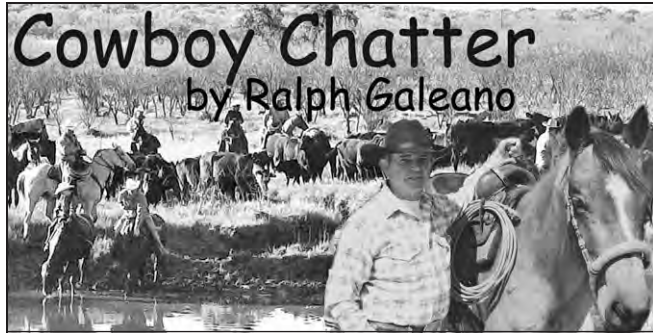
AUCTION
SATURDAY, JUNE 3 — 9:30 AM
Located 3/4 mile West of DOVER, KS on Hwy. K-4

7 guns & 5 BB guns, sell first; 3 vintage kitchen stools; wash stand; 3 cedar chests; antique oak chest & dresser; primitive wooden cabinet; 4 Lone Wolf pics & frames; antique Am. wall phone; antique Brunswick photograph; 2 Red Crown Gasoline metal signs; Speer Feeds metal sign; antique oak stand table; GREAT SELECTION OF GLASS ITEMS; 20+ model cars or pickups; 35+ 1/64 or 1/16 mostly Ertl toys; 45+ Hesston belt buckles; 30+ miscellaneous belt buckles; 10+ kerosene lanterns; IH 35 hay rake; Farmall F-12 iron wheels, salvage; JD LT 155 riding mower; Craftsman air comp. & snow blower; LOTS OF HAND TOOLS; assortment of farm & shop items, cloth, quilts, marbles, games, toys, kitchen, pots, pans, furniture, collectible, antique & vintage.

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Smart Horses

There's an old saying around horsemen that you're only as good as the horse you ride. I agree with that old cowboy adage but I haven't heard any sayings that say you're only as smart as the horse you ride. I'm pleased I've never heard the latter one. There's been times and many cayuses when I've wondered what the horse was using for brains. I would have been embarrassed to have my intelligence compared to some of the horses I've ridden.

Every once in a while you run into a horse that just doesn't get it. It's not very often but it occasionally happens if you work with a lot of horses. They can't seem to understand what you're trying to teach them and no matter how you change your technique, you can't change their mindset.

They keep doing the wrong thing and simply don't catch on to what you introduce them to.

Some just can't do anything right. No matter how hard you try. They run into things, slam you against gates when you try to side pass up to unlatch the gate or maybe continually stumble on smooth level ground. The first thought is that there is something physically wrong with them but sometimes that something wrong is in their head, between their ears. It's hard to come to the conclusion that they have a problem and it's not your training or riding ability. These horses do test your skill. If you have patience, don't push them too hard and hang in there, you may be able to finally get through to them and make a good horse.

Sometimes, this type of

horse, once you get over that hurdle, become excellent mounts. Some have even gone on to become champions.

It can happen that a really slow learner never earns the reputation of a good mount, a go-to horse. The kind you never think twice about saddling up for a full day's ride in the brush or rough country alone. Why keep a horse you can't really depend on to keep you out of trouble? Keep yourself out of trouble. Bite the bullet and let the horse go.

A smart horse sees trouble coming and avoids it. Now, I've ridden horses that I was convinced were smarter than I was and would have taken it as a compliment if someone said the horse was smarter than I was. Let me tell you, I've ridden a lot of horses that were smarter than me. You can teach them things a lot faster and they come to terms with the fact that when you are poking them or squeezing parts of their body, they are supposed to do something with that part and they try to figure out just what you want. If they make the right move and you give them a love tap on the rump or neck, they know they did the right thing and will maybe remember it the

next time you do the same thing the same way.

The smart ones always know the way home. You can put faith in their ability to take the right trail and find their way like a homing pigeon across miles of country all the way to the barn. They have awesome memories and can remember trails and places they haven't been for years. If you've lost the trail, just give the reins some slack and turn the navigation over to the horse. Chances are he'll head you in the right direction.

Breeding is the key to a smart horse. People keep their best mares and stallions to breed. The horses they keep have proven to be good stock for them and they'd like to raise more just like them. So, they keep their best horses to raise new babies hoping to get a return of those same qualities.

That only makes sense.

Another old saying is, if you breed a horse with bad qualities, you'll simply get another horse with bad qualities. That can be true more often than not. Don't make the mistake of keeping an ornery stud or mare and just because you have them, breeding them. You'll probably regret it when you go to start the baby. Raise your

chances of breeding for a smart horse by using proven sires and dams. They didn't prove themselves by throwing babies that would make a fence post seem smart.

It's a lot easier to work with a horse that doesn't spook at every little thing that's out of the ordinary like a bird flying by or a covey of quail jumping up or even fighting you when you clean their hooves. The smart ones don't have any of those evils. They're smart enough to know that birds aren't going to eat them and that when you throw your saddle across their back or pull your slicker loose from the strings, it's just part of the normal routine and they don't have to jump out of their skin to save themselves. They think first and decide not to waste their energy.

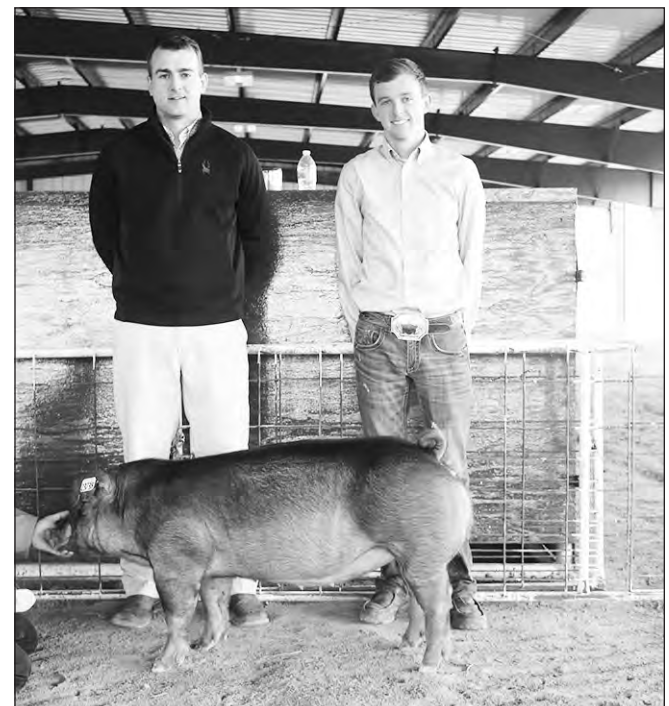
Like other people, I have horses that walk right in

the barn and step in their stall every time you let them out of the pasture. I have a couple of youngsters that I've been working with. I usually halter the colt and lead him in and let the filly tail along loose. She never fails to follow us in the barn and step right in the correct stall. She never misses. Somebody commented when they saw her do this, "She sure is smart." I thought, maybe she's smart but more than likely she's hungry and knows exactly where the feed is. There are different kinds of smart.

Horses are like people, there are smart ones and there are others that can't figure out when the gate is open.

I'll take the smart ones every time.

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



Ryan Atherton received reserve champion honors with his 226-lb. Duroc at the Flint Hills Classic Spring Livestock Show. Hyatt Frobose judged the event.

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JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from May 17, 2017:

STEERS			TOP BUTCHER COW	
1	320	189.00	\$80.50 @ 1,575 lbs.	
3	427	167.00	TOP BUTCHER BULL	
7	574	165.00	\$95.50 @ 1,845 lbs.	
55	841	145.50	BRED COWS	
55	891	140.10	\$925 to \$1,350	
HEIFERS			PAIRS: \$1,225 to \$1,575	
2	385	150.00	SOWS: \$36.00	
6	505	149.00	FAT HOG TOP WAS	
3	667	139.50	\$44.00 @ 310	
9	694	134.00		
2	838	133.00		

CONSIGNMENTS FOR WEDNESDAY, MAY 24:
 65 Mix Hfrs 700-750 lbs.
 55 Blk X Strs 850-875 lbs.
PLUS MORE BY SALE TIME!

*** UPCOMING SALE SCHEDULE ***

- May 31: Last Regular Sale
- June 7: NO SALE
- June 21: NO SALE
- June 5: NO SALE this week due to Holiday
- June 12: Back to Regular Sale Schedule
- June 14: SALE
- June 28: SALE

If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.

Visit our new website at jccclivestock.com

JUNCTION CITY, KANSAS • Barn Phone 785-238-1471
 Seth Lauer 785-949-2285, Abilene

Clay Center, Ks • Barn Phone 785-632-5566
 Clay Center Field Representatives:
 Tom Koch, 785-243-5124 Lance Lagasse, 785-262-1185



KARL LANGVARDT
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 Cell: 785-499-2945

MITCH LANGVARDT
 785-238-1858
 Cell: 785-761-5814

LYNN LANGVARDT
 785-762-2702
 Cell: 785-761-5813



CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from May 16, 2017:

STEERS			TOP BUTCHER COW:		
2	255	202.00	6	607	138.50
2	470	168.00	3	670	133.50
2	545	162.00	4	928	130.75
2	545	162.00	2	743	129.00
7	515	158.00	TOP BUTCHER COW:		
5	640	150.00	\$80.00 @ 1,550 lbs.		
5	643	149.00	TOP BUTCHER BULL:		
7	726	139.50	\$94.50 @ 1,825 lbs.		
2	970	130.00	BRED COWS:		
			\$825-\$1,125		
HEIFERS			PAIRS:		
2	315	163.00	\$930-\$1,425		
4	415	153.00			
3	493	143.00			

*** UPCOMING SALE SCHEDULE ***

- May 30: NO SALE due to Holiday
- June 3: Sheep & Goat Sale
- June 6: Sale
- June 20: Sale
- July 1: NO Sheep & Goat Sale
- July 4: NO SALE due to Holiday
- July 11: Back to Regular Sale Schedule
- June 13: NO SALE
- June 27: NO SALE

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Date: 5/17/17

BULLCALVES		STEERS	
5 wf	500@144.00	3 bwf	342@177.00
HEIFERS		4 mix	465@171.00
3 mix	335@162.00	4 bkbwf	441@168.00
4 blk	461@152.00	3 mix	412@165.00
6 mix	413@151.00	3 blk	545@170.00
6 blk	433@151.00	15 mix	526@169.00
7 mix	461@150.50	6 mix	608@163.00
5 wf	411@150.00	6 mix	653@159.00
8 mix	482@148.00	4 mix	619@158.00
3 blk	450@143.00	4 blk	774@143.00
3 wf	472@132.00	5 Hols	723@75.50
8 mix	568@151.50	3 blk	865@134.50
4 bkbwf	529@146.00	29 mix	899@134.00
7 mix	654@139.00	3 blk	800@130.00
4 mix	799@127.50	7 mix	1002@131.00
56 mix	868@132.25	14 mix	1038@130.50
24 mix	967@133.75	3 bkbwf	1058@127.50
7 mix	914@130.50		
4 bkbwf	968@116.50		
3 bkbwf	1153@103.00		

EARLY CONSIGNMENTS FOR MAY 24th

- 23 blk fall bred cows & hfrs
- 300 blk red & Char strs, 800-950 lbs

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 GLENN UNRUH, 620-341-0607
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Agriculture Secretary Perdue reminds farmers, families and small businesses that USDA offers disaster assistance programs

Agriculture Secretary Sonny Perdue reminds farmers and ranchers, families and small businesses that were affected by the recent severe storms and flooding that USDA has several programs that provide assistance before, during and after disasters. USDA staff in the regional, State and county offices in the states of Arkansas, Illinois, Kansas, Mississippi, Missouri, Oklahoma and Texas are ready to help.

"We want you to know that USDA resources are at your disposal," said Perdue. "USDA has people on the ground, in every county, who can help you. We will do everything we can to help farmers get those fields back in order and encourage them to take advantage of these USDA resources."

USDA encourages residents and small businesses in the impacted areas to contact the following offices to meet their individual needs:

Property and Shelter

When floods destroy or severely damage residential property, USDA Rural Development can assist with providing priority hardship application processing for single family housing. Under a disaster designation, USDA Rural Development can issue a priority letter for next available multi-family housing units. While these programs do not normally have disaster assistance authority, many of USDA Rural Development programs can help provide financial relief to small businesses hit by natural disasters, including low-interest loans to community facilities, water environmental programs, businesses and cooperatives and to rural utilities. More information can be found on the Rural Development website or by contacting the state offices.

Food Safety and Food Assistance

Severe weather forecasts often present the possibility of power outages that could compromise the safety of stored food. The USDA Food Safety and Inspection Service (FSIS) recommends that consumers take the necessary steps before, during, and after a power outage to reduce food waste and minimize the risk of food-borne illness. FSIS offers tips for keeping frozen

and refrigerated food safe and a brochure that can be downloaded and printed for reference at home. If you have questions about the safety of food in your home, call the USDA Meat and Poultry Hotline at 1-888-MPHotline (1-888-674-6854) on weekdays from 9 a.m. to 3 p.m. central time or visit AskKaren.gov to chat live with a food safety specialist, available in English and Spanish.

Owners of meat and poultry producing businesses who have questions or concerns may contact the FSIS Small Plant Help Desk by phone at 1-877-FSIS-HELP (1-877-374-7435), by email at infosource@fsis.usda.gov, or 24/7 online at <http://www.fsis.usda.gov/wps/portal/fsis/topics/regulatory-compliance/svsp/sphelpdesk>.

The USDA Food and Nutrition Service (FNS) coordinates with state, local and voluntary organizations to provide food for shelters and other mass feeding sites. Under certain circumstances, states also may request to operate a disaster household distribution program to distribute USDA Foods directly to households in need. In addition, FNS may approve a state's request to implement a Disaster Supplemental Nutrition Assistance Program (SNAP) when the President declares a major disaster for individual assistance under the Stafford Act in areas affected by a disaster. State agencies may also request a number of disaster-related SNAP waivers to help provide temporary assistance to impacted households already receiving SNAP benefits at the time of the disaster. Resources for disaster feeding partners as well as available FNS disaster nutrition assistance can be found on the FNS Disaster Assistance website.

Crop and Livestock Loss

The USDA Farm Service Agency (FSA) administers many safety-net programs to help producers recover from eligible losses, including the Livestock Indemnity Program, the Emergency Assistance for Livestock, Honeybees, and Farm-Raised Fish Program, Emergency Forest Restoration Program (EFRP) and the Tree Assistance Program. The FSA Emergency Conservation Program provides funding and technical assistance for farmers and ranchers

to rehabilitate farmland damaged by natural disasters. Producers located in counties that received a primary or contiguous disaster designation are eligible for low-interest emergency loans to help them recover from production and physical losses. Compensation also is available to producers who purchased coverage through the Noninsured Crop Disaster Assistance Program, which protects non-insurable crops against natural disasters that result in lower yields, crop losses or prevented planting. USDA encourages farmers and ranchers to contact their local FSA office to learn what documents can help the local office expedite assistance, such as farm records, receipts and pictures of damages or losses.

Producers should use form FSA-576, Notice of Loss, to report prevented planting and failed acres in order to establish or retain FSA program eligibility. Prevented planting acreage must be reported no later than 15 calendar days after the final planting date as established by FSA and USDA Risk Management Agency (RMA). Producers must file a Notice of Loss for failed acres on all crops including grasses in a timely fashion, often within 15 days of the occur-

rence or when the losses become apparent. Producers of hand-harvested crops must notify FSA of damage or loss within 72 hours of when the date of damage or loss first becomes apparent.

Producers with coverage through the RMA administered federal crop insurance program should contact their crop insurance agent. Those who purchased crop insurance will be paid for covered losses. Producers should report crop damage within 72 hours of damage discovery and follow up in writing within 15 days.


For declared natural disasters that lead to imminent threats to life and property, the USDA Natural Resources Conservation Service (NRCS) can assist local government sponsors with the cost of implementing recovery efforts like debris removal and streambank stabilization to address natural resource concerns and hazards through the Emergency Watershed Protection Program. NRCS staff is coordinating with state partners to complete damage assessments in preparation for sponsor assistance requests. NRCS also can help producers with damaged agricultural lands caused by natural disasters such as floods. The NRCS Environmental Quality Incentives Program (EQIP) provides financial assistance to repair

and prevent excessive soil erosion that can result from high rainfall events and flooding. Conservation practices supported through EQIP protect the land and aid in recovery, can build the natural resource base, and might help mitigate loss in future events.

USDA National Institute of Food and Agriculture provides support for disaster education through the Extension Disaster Education Network (EDEN). EDEN is a collaborative multi-state effort with land-grant universities and Cooperative Extension Services across the country, using research-based education and resources to improve the delivery of services to citizens affected by disasters. EDEN's goal is to improve the nation's ability to mitigate, prepare for, prevent, respond to and recover from disasters. EDEN equips county-based Extension educators to share research-based resources in local disaster management and recovery efforts. The EDEN website offers a searchable database of Extension professionals, resources, member universities and disaster agency websites, education materials to help people deal with a wide range of hazards, and food and agricultural defense educational

resources.

For complete details and eligibility requirements regarding USDA's disaster assistance programs, contact a local USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app>). More information about USDA disaster assistance (<http://www.usda.gov/documents/fact-sheet-usda-programs-assist-individuals-small-businesses.pdf>) as well as other disaster resources is available on the USDA Disaster Resource Center website. In a continuing effort to better serve the public, USDA has developed a new and improved central resource for disaster related materials. In partnership with the Federal Emergency Management Agency and other disaster-focused organizations, USDA created a Disaster Resource Center (<http://www.usda.gov/wps/portal/usda/usdahome?navid=disaster-help>) website, utilizing a new online searchable knowledge base. This knowledge base is a collection of disaster-related resources that are powered by agents with subject-matter expertise. The Disaster Resource Center website and web tool now provide an easy access point to find USDA disaster information and assistance.



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Cattle Auction- Every Tuesday at 10:00 a.m.
Hog/Sheep/Goat Auction- Every 3rd Saturday
Horse/Tack Auction- Every 1st Saturday

Tues., May 30th- NO SALE
Sat., June 3rd- Horse & Tack Sale
Sat., June 17th- Hog/Sheep/Goat Sale
June Hay & Cattle Sales:
Call before coming for harvest schedule.

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NO SALE FRIDAY, MAY 26
Memorial Weekend

**** Cattle Sale: Friday, June 2****
Several sets of Fall Calves & Feeders
NO SALE Friday, June 9
**** Cattle Sale: Friday, June 16 ****

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Like Us On Facebook!
On Thursday, May 18 we had 469 head of cattle with mostly Packer cows and bulls.

STEERS	2 blk 700@138.00	2 blk 1123@115.00
10 bkbwf 540@160.00	2 blk 770@133.50	6 bkbwf 1270@91.00
8 bkChar 544@160.00	5 bkred 705@132.50	BULLS
5 bkbwf 620@159.00	8 bkChar 614@130.00	4 blk 530@141.00
4 Char 595@156.00	2 rbf 788@130.00	4 bkbwf 646@136.00
17 CharX 619@148.00	2 bkChar 905@128.00	
14 bkred 752@144.75	7 bkbwf 829@126.50	
10 bkChar 1063@129.00	3 bkbwf 993@127.50	
HEIFERS	3 bkbwf 1057@124.50	
9 bkChar 555@141.00	10 bkbwf 1009@124.00	

Butcher Cows: \$51-\$81, Mostly \$67-\$78, steady & very active.
Butcher Bulls: \$82-\$104.50, Mostly \$94-\$101, steady & very active.

COWS	7 blkbwf 1169@73.00	BULLS
1 blk 1305@81.00	1 blk 2330@104.50	
4 blk 1181@80.00	1 blk 1790@102.00	
2 blkbwf 1425@79.00	1 rdAng 1855@101.00	
1 blk 1345@78.00	1 Brangus 1975@100.50	
1 blk 1210@78.00	1 blk 2065@100.00	
1 blk 1395@77.00	1 rbf 2075@99.00	
2 blkbwf 1325@76.00	1 Brangus 1875@98.00	
5 blk 1277@75.50	1 blk 1885@98.00	
3 blk 1630@73.50		

EARLY CONSIGNMENTS FOR MAY 25
• 35 mixed str & hfrs, 400-600 lbs

We appreciate your business!

Ron Ervin - Owner-Manager
Home Phone - 620-583-5385
Mobile Cell 620-750-0123
Austin Evenson- Fieldman
Mobile Cell 620-750-0222
If you have any cattle to be looked at call Ron or Austin

Holton Livestock Exchange, Inc.
1/2 mile East of Holton, KS on 16 Highway
Livestock Auction every Tuesday at 12 NOON
Serving the Midwest Livestock Industry for 64 Years!
STARTING TIME: 12:00 NOON

MARKET REPORT FOR TUESDAY, MAY 16, 2017
RECEIPTS: 652 CATTLE

STEERS	3 blk hfrs 276@185.00
7 blk bwf str 324@202.50	4 blk hfrs 318@176.00
4 blk str 385@196.00	4 blk bwf hfrs 365@175.00
2 blk bulls 387@194.00	8 blk bwf hfrs 436@167.00
2 red str 445@187.00	5 blk hfrs 464@162.00
5 blk str 440@186.00	5 blk hfrs 482@160.00
2 blk bwf str 487@184.00	3 blk hfrs 486@159.00
3 blk bwf str 485@176.00	4 blk hfrs 493@158.00
4 char str 522@176.00	4 blk hfrs 495@151.50
4 red str 515@172.00	5 char hfrs 479@149.50
5 blk bwf str 516@168.00	4 blk hfrs 563@149.00
10 blk red str 589@158.50	7 blk bbf hfrs 556@149.00
9 blk bwf str 638@156.50	6 blk hfrs 538@147.50
8 red rfw str 608@154.00	8 red hfrs 566@143.50
12 blk bwf str 716@145.50	8 red hfrs 522@142.00
3 blk char str 746@142.00	8 blk bbf hfrs 661@136.75
13 blk bwf str 831@140.25	7 blk hfrs 650@136.50
7 blk str 955@133.00	3 blk hfrs 715@133.50
15 lh str 664@73.50	8 blk bwf hfrs 913@129.50
	3 blk hfrs 913@129.00
	2 red hfrs 1055@118.00

Dan Harris, Auctioneer & Owner • 785-364-7137
Danny Deters, Corning, Auct. & Field Rep • 785-868-2591
Dick Coppinger, Winchester, Field Rep. • 913-774-2415
Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417
Larry Matzke, Wheaton, Field Rep. • 785-268-0225
Craig Wischropp, Horton, Field Rep. • 785-547-5419
Barn Phone • 785-364-4114
WEBSITE: www.holtonlivestock.com
EMAIL: dan@holtonlivestock.com

View our auctions live at "lmauctions.com"

EL DORADO
LIVESTOCK AUCTION, INC.

316-320-3212
Fax: 316-320-7159
2595 SE Highway 54, P.O. Box 622,
El Dorado, KS 67042

Market Report - Sale Date 5-18-17. Head count: 511.
300-400 lb. steers, \$130-\$196; heifers, \$125-\$165; 400-500 lb. steers, \$125-\$179; heifers, \$120-\$163; 500-600 lb. steers, \$125-\$172; heifers, \$110-\$148; 600-700 lb. steers, \$120-\$148; heifers, \$110-\$137.50; 700-800 lb. steers, \$120-\$147.50; 800-900 lb. steers, \$115-\$141. Trend on Calves: Choice steer & heifer calves, steady. Trend on Feeder Cattle: Feeder steers & heifers, steady. Butcher Cows: High dressing cows: \$65-\$73.50; Avg. dressing cows: \$55-\$65; Low dressing cows: \$40-\$55. Butcher Bulls: Avg. to high dressing bulls, \$85-\$96; Trend on Cows & Bulls: Butcher Cows, steady to \$2 lower; Butcher Bulls, \$2 lower.

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
To stay up to date on our latest announcements you can "Like" us on Facebook

Chris Locke (316) 320-1005 (H) (316) 322-0675 (M)	Steven Hamlin (620) 402-6008 (H) (620) 222-1199 (M)
Larry Womacks, Fieldman (620) 394-3273 (H) (620) 229-0076 (M)	Van Schmidt, Fieldman (620) 367-2331 (H) (620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

Agribusiness industry selects college scholarship recipients

The Kansas Agribusiness Retailers Association (KARA) has chosen the following six Kansas students to receive college scholarships for the 2017-2018 school year:

- Brittany Duer, Abilene – to study Agronomy at Ft. Hays State University
- Nicole Sudbeck, Manhattan – to study agronomy with a business and industry option at Kansas State University
- Tyler Marr, Manhattan – to study agronomy at Kansas State University
- Trent Frye, Belleville – to study agronomy at Kansas State University
- Greyson Collins, St. John – to study animal science/agribusiness at Kansas State University

Leah Parsons, Garden City – to study agronomy at Garden City Community College
KARA received 63 applications that were considered by an independent Scholarship Selection Committee made up of association members.

Each year, KARA awards one \$500 Jim Lee Memorial scholarship, one \$1,500 Dr. David Whitney Agronomy scholarship and four \$1,500 KARA scholarships.

KARA is a volunteer organization whose membership includes over 700 agribusiness firms that are primarily retail facilities that supply fertilizers, crop protection chemicals, seed, petroleum products and agronomic expertise to Kansas farmers. KARA's membership base also includes ag-chemical and equipment manufacturing firms, distribution firms and various other businesses associated with the retail crop production industry.

Trump administration takes first step in renegotiating NAFTA

Newly confirmed U.S. Trade Representative Robert Lighthizer recently gave official notice in a letter to Congress on the intent to renegotiate the North American Free Trade Agreement with Mexico and Canada. "We intend to initiate negotiations with Canada and Mexico as soon as practicable, but no earlier than 90 days from the date of this notice," the Lighthizer letter states. The letter did not include the scope of the negotiations, but those details are not due to Congress until 30 days before the start of talks. With the 90-day period starting today, official discussions are likely slated to begin in late August.

U.S. Sen. Jerry Moran (R-Kan.) issued the following statement in reaction to the letter. "During my meeting with Mr. Lighthizer this month, I stressed the importance of trade with Mexico and Canada for Kansas farmers, ranchers, manufacturers and small businesses. Our country's economic success is dependent on our ability to sell the food and fiber we grow. Strong trade relationships enable our rural communities to survive and our agriculture and manufacturing industries to continue employing millions of Americans. We must maintain these important relationships and expand market access for American producers, and I look forward to the administration continuing to consult with Congress and providing more detailed plans to achieve that goal."

Blue and purple corn: Not just for tortilla chips anymore

Consumers today insist on all-natural everything, and food dyes are no exception. Even if food manufacturers are willing to make the change, current sources of natural dyes are expensive and hard to come by. Now, a large University of Illinois project is filling the gap with colored corn.

"Most natural colors come from things like wine skins, red carrots, and beets. The problem with that is most of the product is wasted in extracting the coloring. It's not good value," says Jack Juvik, a geneticist in the crop sciences department at U of I.

Juvik and an interdisciplinary team have been experimenting with purple and blue corn varieties, noting that health-promoting pigments known as anthocyanins are located in the outer layers of the corn kernel. That makes a big difference, economically.

"You can process corn in different ways to remove only the outer layer. The rest can still be fed into the corn supply chain to make ethanol or grits or any of the other products corn is already used for. That outer layer becomes a value-added co-product," Juvik says.

The team has covered a lot of bases since the \$1.4 million project began in 2014. For example, they identified the optimal milling process and demonstrated that corn-derived anthocyanins remain stable in food products. What's left is to find the most potent sources of the pigments for future corn breeding.

In a recent study, Juvik and his colleagues looked at anthocyanin type and concentration in nearly 400 genetically distinct lines of colored corn. They grew these lines in Illinois to see if anthocyanin concentration stayed constant from generation to generation – a critical quality for breeding new varieties.

Peruvian types had some of the highest anthocyanin concentrations, and they held up throughout multiple generations. "That's good news. It means we can select for the trait we're interested in without worrying whether it will be expressed in new environments," Juvik says.

The next step will be getting those mighty Peruvian genes into high-yielding corn hybrids selected for production in the Midwest. If Juvik is successful, blue or purple corn could come to a field near you.

The article, "A survey of anthocyanin composition and concentration in diverse maize germplasm," is published in the *Journal of Agricultural and Food Chemistry*. Co-authors Michael Paulsmeyer and Laura Chatham are graduate students and Talon Becker a post-doctoral scholar in the crop sciences department at U of I. Megan West and Leslie West worked for The Kraft Heinz Company, which supported the project. Additional support came from the Illinois Corn Grower's Association and Monsanto.

Grass & Grain Weather Report May 23, 2017

Seven Day Forecast

TUESDAY
T-storms Likely
High: 66 Low: 48

WEDNESDAY
Partly Cloudy
High: 68 Low: 52

THURSDAY
Partly Cloudy
High: 72 Low: 52

FRIDAY
Sunny
High: 76 Low: 59

SATURDAY
Mostly Cloudy
High: 83 Low: 65

SUNDAY
Mostly Cloudy
High: 75 Low: 60

MONDAY
Sunny
High: 68 Low: 54

In-Depth Local Forecast

Today we will see mostly cloudy skies with a 55% chance of thunderstorms, high temperature of 66°, humidity of 54%. Northwest wind 6 to 10 mph. The record high temperature for today is 94° set in 1939. Expect partly cloudy skies tonight with a 30% chance of showers.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
5/12	74/49	77/52	0.00"
5/13	79/42	77/52	0.00"
5/14	89/61	77/52	0.00"
5/15	92/67	77/53	0.00"
5/16	88/70	78/53	0.00"
5/17	78/62	78/54	0.06"
5/18	75/52	78/54	1.04"

Rainfall 1.10"
Normal rainfall 0.87"
Departure +0.23"
Average temp 69.9°
Average normal 65.1°
Departure +4.8"

This Week's Sun & Moon Chart

Day	Sunrise	Sunset	Moonrise	Moonset	Phase
Tuesday	6:07 a.m.	8:40 p.m.	4:51 a.m.	6:12 p.m.	Full
Wednesday	6:06 a.m.	8:41 p.m.	5:32 a.m.	7:25 p.m.	6/9
Thursday	6:05 a.m.	8:41 p.m.	6:17 a.m.	8:37 p.m.	
Friday	6:05 a.m.	8:42 p.m.	7:08 a.m.	9:47 p.m.	
Saturday	6:04 a.m.	8:43 p.m.	8:05 a.m.	10:52 p.m.	
Sunday	6:04 a.m.	8:44 p.m.	9:07 a.m.	11:49 p.m.	Last
Monday	6:03 a.m.	8:44 p.m.	10:12 a.m.	Next Day	6/17

Today's Local Outlook

Local UV Index

0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure

Weather History

May 23, 1989 - Severe thunderstorms developing along a cold front resulted in 98 reports of large hail and damaging winds in the northern Plains and upper Mississippi Valley. Hail the size of golf balls caused a million dollars in damage around Buffalo City, Wis.

Growing Degree Days

Date	Degree Days	Date	Degree Days
5/12	11	5/16	29
5/13	10	5/17	20
5/14	25	5/18	13
5/15	29		

Sell At St. Marys

Sell Or Buy

Cattle

By Auction

STARTING TIME
10:30 AM

Tuesdays

We sold 1005 cattle May 16. There was good demand for steer and heifer calves at steady prices. Feeder steers and heifers sold steady to \$3.00 lower. Cows and bulls were steady to \$2.00 higher.

STEER & BULL CALVES

1 blk str	435 @ 191.50
1 blk str	475 @ 182.50
37 blk/red str	539 @ 182.50
10 blk/bwf str	530 @ 180.00
1 bwf str	350 @ 176.00
1 blk str	345 @ 175.00
2 blk str	483 @ 174.00
1 blk str	540 @ 172.00
3 limo str	420 @ 170.00
2 blk str	440 @ 170.00
1 blk str	500 @ 170.00
2 blk char str	520 @ 167.00
5 blk/red bulls	519 @ 166.00
2 blk bulls	528 @ 160.00
3 wf bulls	450 @ 146.00
4 wf bulls	524 @ 146.00

HEIFER CALVES

9 blk hfrs	487 @ 158.00
8 blk/char hfrs	541 @ 145.00
1 bwf hfr	375 @ 143.00
1 bwf hfr	395 @ 141.00
1 bwf hfr	455 @ 141.00
5 limo hfrs	405 @ 140.00
2 limo hfrs	358 @ 135.00
4 blk/red hfrs	400 @ 135.00

STOCKER & FEEDER HEIFERS

3 blk hfrs	568 @ 146.00
1 blk hfr	555 @ 142.00
9 blk hfrs	585 @ 139.00
3 blk/red hfrs	765 @ 136.00
12 blk/char hfrs	648 @ 133.00
2 blk hfrs	660 @ 129.50
3 blk hfrs	600 @ 129.00
3 blk/bwf hfrs	770 @ 128.00
2 blk hfrs	1013 @ 128.00

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR MAY 23, 2017:

- 20 blk steers & heifers, 450-550 lbs., vaccinated
- 30 blk steers & heifers, 500-600 lbs., vaccinated
- 65 black Charolais heifers, 775-825 lbs.
- 62 black Charolais steers, 850-875 lbs.
- 61 black crossbred steers, 900-925 lbs.

PLUS MORE 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

FOR INFORMATION OR ESTIMATES:

REZAC BARN	ST. MARYS, 785-437-2785	LELAND BAILEY	TOPEKA, 785-286-1107
DENNIS REZAC	ST. MARYS, 785-437-6349	LYNN REZAC	ST. MARYS, 785-456-4943
DENNIS' CELL PHONE	785-456-4187	REX ARB	MELVERN, 785-224-6765
KENNETH REZAC	ST. MARYS 785-458-9071		

Rezac

Livestock Commission
Company, Inc.
St. Marys, Ks.

Toll Free Number.....1-800-531-1676

Website: www.rezACLIVESTOCK.COM

AUCTIONEERS: DENNIS REZAC & REX ARB