

U.S. pork exports set new volume records in 2017

In 2017, U.S. pork exports recorded the largest year ever in volume, with sales to more than 100 countries around the world. U.S. pork and pork variety meat exports totaled 5.399 billion pounds valued at \$6.486 billion, up 6 percent and 9 percent respectively from 2016.

"Exports continue to be an important piece of the puzzle for adding to producers' bottom line," said Craig Morris, vice president of international marketing for the Pork Checkoff. "Recognizing the importance of exports, the National Pork Board recently approved nearly \$8.7 million for 2018 export market activities, the most significant financial investment of Checkoff dollars in international marketing

efforts to date. With more high quality U.S. pork available than ever, we are redoubling efforts to build on the momentum of the past year."

Pork variety meats were the shining star during 2017. Exports tied the 2011 record, with 82 percent of edible variety meat exported. Pork variety meat exports totaled \$1.17 billion, setting a new total value record and surpassing \$1 billion for the first time. Together, China and Mexico accounted for 86 percent of U.S. pork variety meat exports. In 2017, total edible pork variety meat exports added \$9.67 in value to every hog marketed, according to the U.S. Meat Export Federation.

U.S. pork and pork

variety meat exports accounted for 26.6 percent of total pork production, with 22 percent of muscle cuts exported, in 2017. Export value returned an average \$53.47 per head back to producers, up 6 percent from 2016.

The top six markets by volume were Mexico (1.768 billion pounds), China/Hong Kong (1.09 billion pounds), Japan (868 million pounds), Canada (459 million pounds), South Korea (382 million pounds) and South America (229 million pounds).

The top six markets by value were Japan (\$1.626 billion), Mexico (\$1.514 billion), China/Hong Kong (\$1.078 billion), Canada (\$792 million), South Korea (\$475 million), and South America (\$268 million).

Grass & Grain Weather Report

March 7, 2018

| Seven Day Forecast | In-Depth Local Forecast | Today's Local Outlook | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------------|-------------|-------------|------------|-------------|----------|---------|-------|-------|-----------|-----------|-----------|------------|------------|-------|-------|----------|-----------|-----------|------------|------------|------|-------|--------|-----------|-----------|-----------|------------|-------|-----|----------|-----------|-----------|-----------|------------|--|--|--------|-----------|-----------|-----------|-----------|--|--|--------|-----------|-----------|-----------|-----------|--|--|---------|-----------|-----------|-----------|-----------|--|
| WEDNESDAY Partly Cloudy High: 44 Low: 25 THURSDAY Partly Cloudy High: 49 Low: 30 FRIDAY Partly Cloudy High: 53 Low: 34 SATURDAY Scattered Rain High: 48 Low: 29 SUNDAY Sunny High: 54 Low: 35 MONDAY Sunny High: 58 Low: 39 TUESDAY Partly Cloudy High: 54 Low: 35 | Today we will see partly cloudy skies, high of 44°, humidity of 36%. Northwest wind 10 to 14 mph. The record high for today is 79° set in 2017. Expect mostly clear skies tonight, overnight low of 25°. North wind 7 to 10 mph. The wind chill for tonight could reach 17°. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last Week's Almanac | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2/24 | 36/26 | 50/25 | 0.00" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/25 | 53/16 | 50/24 | 0.00" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2/28 | 59/37 | 50/24 | 0.00" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| This Week's Sun & Moon Chart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Last</th> <th>Day</th> <th>Sunrise</th> <th>Sunset</th> <th>Moonrise</th> <th>Moonset</th> <th>First</th> </tr> </thead> <tbody> <tr> <td>3/9</td> <td>Wednesday</td> <td>6:50 a.m.</td> <td>6:25 p.m.</td> <td>10:19 a.m.</td> <td>10:57 a.m.</td> <td>3/24</td> </tr> <tr> <td></td> <td>Thursday</td> <td>6:48 a.m.</td> <td>6:26 p.m.</td> <td>12:31 a.m.</td> <td>11:37 a.m.</td> <td></td> </tr> <tr> <td></td> <td>Friday</td> <td>6:47 a.m.</td> <td>6:27 p.m.</td> <td>1:27 a.m.</td> <td>12:21 p.m.</td> <td></td> </tr> <tr> <td></td> <td>Saturday</td> <td>6:45 a.m.</td> <td>6:28 p.m.</td> <td>2:20 a.m.</td> <td>12:21 p.m.</td> <td></td> </tr> <tr> <td></td> <td>Sunday</td> <td>7:44 a.m.</td> <td>7:29 p.m.</td> <td>4:09 a.m.</td> <td>2:09 p.m.</td> <td></td> </tr> <tr> <td></td> <td>Monday</td> <td>7:42 a.m.</td> <td>7:30 p.m.</td> <td>4:55 a.m.</td> <td>3:01 p.m.</td> <td></td> </tr> <tr> <td></td> <td>Tuesday</td> <td>7:41 a.m.</td> <td>7:31 p.m.</td> <td>5:36 a.m.</td> <td>3:55 p.m.</td> <td></td> </tr> </tbody> </table> | | | Last | Day | Sunrise | Sunset | Moonrise | Moonset | First | 3/9 | Wednesday | 6:50 a.m. | 6:25 p.m. | 10:19 a.m. | 10:57 a.m. | 3/24 | | Thursday | 6:48 a.m. | 6:26 p.m. | 12:31 a.m. | 11:37 a.m. | | | Friday | 6:47 a.m. | 6:27 p.m. | 1:27 a.m. | 12:21 p.m. | | | Saturday | 6:45 a.m. | 6:28 p.m. | 2:20 a.m. | 12:21 p.m. | | | Sunday | 7:44 a.m. | 7:29 p.m. | 4:09 a.m. | 2:09 p.m. | | | Monday | 7:42 a.m. | 7:30 p.m. | 4:55 a.m. | 3:01 p.m. | | | Tuesday | 7:41 a.m. | 7:31 p.m. | 5:36 a.m. | 3:55 p.m. | |
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| Local UV Index | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weather History March 7, 1990 - A major ice storm left much of Iowa under a thick coat of ice. It was the worst ice storm in at least 25 years for Iowa. Up to two inches of ice coated much of western and central Iowa, with three inches reported in Crawford County and Carroll County. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Growing Degree Days | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2/23 | 0 | 2/27 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/24 | 0 | 2/28 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/25 | 0 | 3/1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/26 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Soy growers oppose unprecedented cut to crop insurance, farm programs in White House budget

The American Soybean Association (ASA) has voiced opposition to proposed cuts included in President Donald Trump's FY2019 budget, including reductions in the federal crop insurance program through a cap on adjusted gross income (AGI) and a reduction in premium sub-

sidy, and elimination of the Foreign Market Development program and Market Access Program. ASA president John Heisdorffer, a farmer from Keota, Iowa, issued a statement warning Congress to avoid the cuts, which would do significant harm to the nation's soybean farmers:

"The proposed cuts in crop insurance and farm programs make this budget a non-starter. We've opposed cuts to crop insurance from Republican and Democratic administrations alike. This budget revisits those cuts to an even greater degree, cutting crop insurance by approximately

30 percent. It would also eliminate the MAP and FMD export promotion programs, which we rely on to expand our reach into new and existing export markets around the world. Additionally in this budget, we're looking at ill-advised cuts to international food assistance programs, conser-

vation programs and to valuable agricultural research. "As the farm economy continues to struggle in its recovery, farmers cannot afford these back-breaking cuts. And while we understand that the White House budget is considered by many to be an illustrative policy doc-

ument, we are concerned that this approach only emboldens those in Congress that would see these programs significantly reduced or entirely eliminated. We strongly urge Congress to push this budget to the side and continue to advance practical farm policy."

MANHATTAN

COMM. CATTLE AUCTION CO. INC. EVERY FRIDAY

STARTING 10:00 A.M. ON WEIGH COWS FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.

OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE

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

| | | | | |
|---|---|---|--|--|
| <p>A large run of cattle for our sale Friday, March 2nd found good interest from a good attendance of local and out of state buyers. Cattle with quality and condition 700 lbs and under were selling at fully steady prices. Heavier weight cattle sold \$3 to \$4 lower. Cull cows sold at mostly steady prices while the cull bulls sold \$3-\$5 higher on the higher dressing bulls.</p> | | <p>Wetmore 27 blk 680@141.50 14 blk 825@141.25 Oskaloosa 12 blk 831@140.50 Waterville 76 blk 857@139.00 Alma 51 blk 857@139.00 Valley Falls 54 Cross 887@136.35 Wamego 16 blk 944@132.50 Onaga 21 blk 929@131.00 Alma 15 blk 958@130.00 Hoyt 15 blk 904@129.75 Valley Falls 7 blk 747@129.00 Waterville 28 blk 1001@127.00 Rossville 11 mix 889@127.00 Abilene 9 Hols 641@75.00 Abilene 6 Hols 762@72.00 Seneca 10 Hols 957@66.50</p> | <p>10 blk 673@143.00 20 bwf 692@142.75 6 blk 673@141.50 31 696@140.00 74 blk 726@140.00 22 blk 790@136.75 7 blk 809@135.00 12 blk 687@135.00 41 bwf 803@134.75 59 Cross 801@131.75 76 blk 779@131.50 9 bwf 839@128.00 39 blk 914@125.25 19 Cross 889@125.00</p> | <p>7 1319@108.25 1 blk 1310@108.00 1 bwf 1190@102.00 1 Cross 1230@98.50 2 Cross 702@98.00 1 blk 1770@74.50 1 Cross 1315@74.00 1 blk 1535@73.00 1 blk 1065@72.00 1 blk 1445@72.00 1 1440@72.00 1 blk 1210@71.50 1 blk 1510@71.00 1 Cross 1525@70.50 1 blk 1420@70.00 1 blk 1310@69.50 1 blk 1480@69.00 1 blk 1585@69.00 1 blk 1560@67.00 1 blk 1395@65.50 1 bwf 1275@65.00 1 blk 1135@64.50 1 blk 1410@64.50 1 blk 990@64.00 1 blk 1655@62.50 1 blk 1295@62.50 1 blk 1305@61.00</p> |
| <p>STEER CALVES — 300-550 lbs</p> <p>Leavenworth 7 blk 335@217.50 Axtell 7 Cross 387@208.00 Waterville 21 blk 459@207.50 Summerfield 11 blk 523@205.50 Onaga 8 blk 511@204.50 Williamsburg 6 blk 450@203.00 White City 11 blk 532@201.00 Basehor 15 blk 543@200.50 Wetmore 12 blk 419@199.00 Wamego 7 blk 462@198.00 Oskaloosa 12 blk 487@197.50</p> | <p>HEIFER CALVES — 375-550 lbs</p> <p>Williamsburg 9 blk 473@180.00 Summerfield 7 Cross 391@180.00 Council Grove 24 blk 415@177.50 Council Grove 45 blk 488@177.00 Wetmore 9 blk 406@176.00 Junction City 7 blk 411@174.00 Summerfield 13 Cross 481@173.00 Council Grove 35 548@172.50 Waterville 37 blk 544@168.50 Wetmore 29 blk 503@168.25 Junction City 31 mix 545@165.00</p> | <p>BULLS — 1,175-1,850 lbs</p> <p>Manhattan 1 blk 1180@105.00 Frankfort 1 blk 1990@93.50 Manhattan 2 blk 1585@91.00 Havensville 1 blk 1850@89.00 Centralia 1 Herf 2835@84.00 Leonardville 1 blk 2235@81.00 St. Marys 1 blk 1515@73.00 Auburn 1 Cross 1275@62.00</p> | <p>COWS & HEIFERETTES — 700-1,775 lbs</p> <p>Westmoreland 1 bwf 940@124.50 Dwight 7 blk 1142@115.00 Westmoreland 1 blk 800@114.00</p> | |
| <p>STEERS — 555-1,025 lbs</p> <p>Williamsburg 8 blk 566@195.50 Alma 6 blk 560@191.75 Oskaloosa 6 blk 613@183.00 Basehor 25 625@179.00 Wetmore 31 blk 569@177.75 White City 24 blk 623@176.00 Goff 8 blk 616@176.00 Wamego 7 blk 610@175.00 Valley Falls 16 blk 638@175.00 Alma 12 blk 678@167.00 Goff 9 blk 706@166.50 Waterville 88 blk 657@164.60 Dwight 11 blk 670@164.50 Valley Falls 75 Cross 712@164.00 Alma 22 blk 704@162.00 White City 25 blk 707@161.50 Oskaloosa 28 blk 724@161.00 Linn 44 blk 706@158.50 Onaga 10 Cross 780@155.50 Linn 19 blk 658@155.50 Westmoreland 7 Cross 727@150.00 Basehor 11 Cross 777@147.50 Dwight 8 Hereford 713@145.00</p> | <p>HEIFERS — 575-925 lbs</p> <p>White City 43 blk 580@166.50 Oskaloosa 14 blk 601@165.00 Alma 9 blk 615@162.00 Valley Falls 25 blk 615@162.00 Waterville 27 blk 626@161.00 Wamego 80 blk 643@156.00 Alma 7 Hereford 555@156.00 Onaga 8 blk 615@153.00 Onaga 9 blk 667@151.50 Council Grove 6 Cross 580@150.00 Waterville 67 blk 678@149.00 Oskaloosa 13 Cross 652@147.50 Oskaloosa 19 blk 704@146.75 Oskaloosa 7 blk 622@145.00 Onaga 26 blk 694@144.75 Linn 20 blk 692@144.50</p> | <p>PAIRS:</p> <p>1 blk cow 4 yrs w/ calf by side 10 fancy blk cows, 3-6 yrs w/ blk calves by side, calves banded</p> | <p>COMPLETE DISPERSAL OF FALL CALVING COWS CONSISTING OF: 25 blk, bwf Fall calving cows, 4-7 yrs, bred Angus bull for Sept./Oct. calves</p> <p>5 blk cows 4-8 yrs, bred for Fall calves 55 blk cows, 7 & older, bred blk bulls for Fall calves 40 Angus Fall calving cows, 3-5 yrs, Rinkes bulls turned in Nov. 1 for Aug. & Sept. calving.</p> <p>1ST CALF HEIFER PAIRS:</p> <p>40 Fancy (OCV) Angus 1st calf hfrs with AI sired Mill Creek Horizon Angus 30 to 60 day calves by side. (Calves have had Enforce, hfrs have been on full vaccinations plus 2 rds of Scourguard) 63 homeraised PI negative, blk, bwf 1st calf (OCV) hfrs with 30+ day old, 90 to 95% AI sired calves by Stuckey Consensus. Calves will vaccinated for blackleg. 30 Big Fancy blk, bwf 1st calf (OCV) hfrs with 30 to 45 day calves by side 15 blk 1st calf hfrs w/2-4 week Angus sired calves by side 15 big fancy blk 1st calf hfrs w/30-45 day old Angus sired calves by side 16 big fancy Angus 1st calf hfrs w/ 30 day old Angus calves by side 20 home raised Angus 1st calf hfrs w/ 30 day Angus calves by side</p> <p>BULLS:</p> <p>1 3/8 Simm 5/8 Angus 18 mo. bull, sired by Super Duty</p> | |

EARLY CONSIGNMENTS FOR MARCH 9

- 154 Choice Reputation Montana origin Vermillion Ranch breeding Angus (OCV), 700-750 lbs., replacement hfrs (green/4 rds shots)
- 60 Choice blk, bwf home raised steers, 650-800 lbs.
- 15 Choice blk, bwf (OCV) replacement heifers, 700-750 lbs.
- 60 choice reputation blk & red str & hfrs, 45 days weaned, 2 rds shots, 450-525 lbs.
- 120 choice reputation Angus str & hfrs, long time weaned, 2 rds shots, 600-800 lbs.
- 120 choice reputation Angus str & hfrs, 550-700 lbs
- 30 fancy Northern origin gentle Red Angus 1st calf OCV hfrs w/AI sired 30-60 day calves by side. Calves worked, all shots.
- 10 gentle blk 1st calf OCV hfrs w/30-45 day AI sired by Genex SAV West River (SAV Bismark time SAV Final Answer). Calves had all shots, worked.
- 100 Angus, few Char cross str & hfrs, long weaned, shots, 600-825 lbs
- 17 Simm Angus str & hfrs, 1 complete rd shots, 450-550 lbs
- 5 blk str, 1 rd shots, 400-500 lbs
- 9 Herf and 1 bwf 1st calf hfrs w/6 week 2 month blk Limo calves by side
- 13 choice Herf str, 2 rds shots, no implants, 775-825 lbs
- 12 choice replacement hfrs, 2 rds shots, no implants, 775-800 lbs
- 15 WF Hfrs (weaned 75 days/ shots) 525-600
- 35 Choice Blk str (all shots/ long weaned) 650-800
- 55 Herf str & hfrs (long weaned/ shots) 450-600
- 30 Blk, BWF str & hfrs (long weaned/ shots) 450-600
- 23 Blk bulls & hfrs (1 complete rd shots/ weaned 21 days) 400-500
- 26 Reputation home raised Angus (OCV) replacement hfrs 700-750
- 40 Mostly Blk hfrs (green) 550-700
- 37 Blk Simm hfrs 750-850
- 15 Blk feeder str 750-800

SPECIAL STOCK COW & BRED HFR SALE MARCH 14, 2018

CLINE CATTLE COMPANY WILL BE SELLING:

- 15 Angus, red Angus & Simm Angus bulls 18 months, SAV Renown, SAV Regard, Basin Payweight 1682, Rito 7075 & others
- 20 home raised Fall bred Angus & bwf hfrs, AI bred & cleaned up w/SAV Final Answer Sons
- 14 Gentle homeraised (OCV) Simm Angus & bwf replacement heifers

BRED 1st CALF HEIFERS:

- 4 red Angus Fall calving 1st calf hfrs w/ big Oct. red Angus calves by side. Hfrs running back w/Angus bulls since early Dec.

REPLACEMENT HEIFERS:

- 15 F1 bwf (OCV) replacement heifers
- 18 homeraised Simm Angus (OCV) replacement heifers
- 8 Herf OCV replacement hfrs; 6 Herf/2 RWF

PAIRS:

- 1 blk cow 4 yrs w/ calf by side
- 10 fancy blk cows, 3-6 yrs w/ blk calves by side, calves banded

BRED COWS:

COMPLETE DISPERSAL OF FALL CALVING COWS CONSISTING OF:
25 blk, bwf Fall calving cows, 4-7 yrs, bred Angus bull for Sept./Oct. calves

5 blk cows 4-8 yrs, bred for Fall calves
55 blk cows, 7 & older, bred blk bulls for Fall calves
40 Angus Fall calving cows, 3-5 yrs, Rinkes bulls turned in Nov. 1 for Aug. & Sept. calving.

1ST CALF HEIFER PAIRS:

- 40 Fancy (OCV) Angus 1st calf hfrs with AI sired Mill Creek Horizon Angus 30 to 60 day calves by side. (Calves have had Enforce, hfrs have been on full vaccinations plus 2 rds of Scourguard)
- 63 homeraised PI negative, blk, bwf 1st calf (OCV) hfrs with 30+ day old, 90 to 95% AI sired calves by Stuckey Consensus. Calves will vaccinated for blackleg.
- 30 Big Fancy blk, bwf 1st calf (OCV) hfrs with 30 to 45 day calves by side
- 15 blk 1st calf hfrs w/2-4 week Angus sired calves by side
- 15 big fancy blk 1st calf hfrs w/30-45 day old Angus sired calves by side
- 16 big fancy Angus 1st calf hfrs w/ 30 day old Angus calves by side
- 20 home raised Angus 1st calf hfrs w/ 30 day Angus calves by side

BULLS:

- 1 3/8 Simm 5/8 Angus 18 mo. bull, sired by Super Duty

UPCOMING SPECIAL COW SALE DATES, Wednesdays Starting at 11 A.M.: Mar. 14; Apr. 11; May 2

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Rumors of renewed attacks on RFS worry soybean growers

In response to reports of a potential meeting this week on renewable fuels at the White House, the American Soybean Association (ASA) reiterates its strong support for the Renewable Fuel Standard and its concerns about proposals that may undermine the program.

ASA president John Heisdorffer issued the following statement: "The RFS helps to maintain demand for soybeans in biodiesel in a time when farm income and crop prices are down significantly. It is functioning as intended and serves as a strong engine

driving the rural economy. The RFS has been successful in expanding new markets for our farmers, creating new jobs in rural America, giving consumers more fuel choices, and improving our nation's air quality. "Despite the claims of adverse impacts from

Renewable Identification Number (RIN) costs, last November, the Environmental Protection Agency concluded that RIN values are not causing economic harm to refiners. A true win-win for everyone would be a long-term, multi-year extension of the biodiesel tax cred-

it. It helps biodiesel grow and lowers the cost of compliance for obligated parties. "President Trump has exhibited and reiterated strong support for the RFS, and we look to him to continue his support. We strongly urge President Trump to reject any

proposals that would undermine the purpose and intent of the RFS, and instead pursue options to address refiners' concerns that do not undercut the RFS or harm a program that provides important benefits for farmers and rural communities."

Mobile drip irrigation seminar to be presented at 3i Show

Western Kansas Manufacturers Association (WKMA) with the help of Monty Teeter, CEO of Dragon-Line, is offering a seminar on mobile drip irrigation. "How to Save

Water and Money with Drip Line Technology," will be presented on Friday, March 23, at 3 p.m. in the area marked presentation area, located in the southwest corner of

the concrete side of the Western State Bank Expo Center. The presentation is free and open to anyone attending the 64th Annual 3i SHOW, which is being held March 22-24

at the Western State Bank Expo Center in Dodge City. Teeter will discuss water savings as a major benefit of pivot irrigation through drip technology. Other benefits include reducing or eliminating wheel track issues, allowing possible winter watering without ice accumulation on pivot, eliminating leaf burn and plant shock from sudden temperature changes and

more. The benefits will continue to emerge as drip irrigation is used in diverse production areas. Teeter will speak on how Dragon-Line has transformed pivot irrigation through drip technology, attendees are invited to their exhibit space I-202 for more information.

Monty Teeter, developer and CEO of Dragon-Line, is a lifelong resident of the southwest Kansas area. Teeter

has been a distributor, designer, and installer of center pivots for 40-plus years, and has experience in Sub-Surface Drip Irrigation (SDI) for 20 years. This experience of selling more than 3,500 pivots and hundreds of acres of SDI has allowed Teeter to become proficient in understanding the technologies and benefits of both irrigation applications.

RETIREMENT MACHINERY & EQUIPMENT FARM AUCTION

SATURDAY, MARCH 17, 2018 — 10:00 AM
 Located at 924 Overland Rd., McPHERSON, KANSAS
DIRECTIONS: From the intersection of I-135 & Pawnee Rd. Exit #65, 7 1/2 miles West to 9th Ave., 1 mile South & 1/4 mile East. BE ON TIME!

- TRACTORS**
- 2007 Case IH 275 Magnum, FWA, tractor, 480/70R34 new front tires, 480/80R50 rear duals, 3288 hrs., Trimble auto steer, 18 spd., quick tach, 4 hyd. outlets, PTO, fully weighted, one owner, EXTRA CLEAN
 - 1997 Case IH 8930 tractor, 18.4R46 rear duals, 3254 hrs., Trimble auto steer, 18 spd., 3 pt., trip. hyd., dual PTO, fully weighted, one owner, CLEAN
 - 1976 IHC 666 tractor w/GB 660 loader, quick tach bucket & pallet forks, 16.9R38 tires, canopy top, dual hyd., 3 pt. PTO, 5330 hrs., VERY NICE, ONE OWNER
- TRUCKS & TRAILERS**
- 1972 Chev. C-60 truck, 16' bed & hoist, 366 eng., 5+2, roll over tarp, steel floor
 - 2010 E-Z Trail 3400 gravity wagon, 300 bu., 2 compartments, 14'x6" hyd. auger, roll over tarp, LIKE NEW, ONE OWNER
 - Huskee 200 bu. gravity wagon w/12'x6" E-Z Trail hyd. auger, roll over tarp, ONE OWNER
 - United Farm Tool 500 bu. grain cart, hyd. folding auger

- FARM MACHINERY**
- 2013 Case IH 1250 12 row Early Riser planter, corn, milo & soybean discs, 400 gal. liquid fert. tank, markers, pneumatic down pressure, auto seed & fert. shutoff, 1871 acres, complete with generic wiring harness, Pro 700 monitor, LIKE NEW; 2002 Great Plains solid stand 3-S3000 30' folding drill, markers, 7.5" spacing, 13 1/4" blades, 11,454 acres, CLEAN; 2008 Sunflower mo. 1435 29' C-flex disc, 9' spacing, 22" FB, 22.5" BB; 2004 Sunflower mo. 5035 34' field cultivator w/5 bar spike harrow; 1991 Sunflower mo. 2331 24' dbl. roll fold chisel, 3 bar spike harrow; Blu-Jet Landwalker 35' applicator w/ Raven NH3 Accuflow control cold flow; Noble 39.5' back-fold springtooth; IH mo. 700 7-18 on land plow, pull type; IH mo. 700 7-16 on land plow, pull type; JD mo. 400 15' rotary hoe; Kuker 400 gal. field sprayer w/36' booms; Lilliston 8 row 3 pt. cultivator; 7 row 3 pt. inner row ripper; 3 pt. track scratcher; Crustbuster 34' anhydrous frame

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 TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

Appeal period now open for proposed floodplain map for Cow Creek Watershed

A proposed Flood Insurance Rate Map update for the Cow Creek watershed was released for public review in late 2016. Before the new map is finalized, property owners and lessees will have one more opportunity to provide engineering data through their community during the official 90-day appeal process. The appeal period began Jan. 19 and will continue through April 18. The new map will provide communities in Barton County with up-to-date flood risk information and tools that can be used to enhance local mitigation plans and help local officials and residents make informed decisions about reducing flood risks and purchasing flood insurance. Only portions of Barton County within the Cow Creek watershed are being updated.

Submitting an appeal requires the development of science-based data to replace preliminary engineering, which can require a significant investment of time and money. Those interested in submitting an appeal are recommended to first discuss it with their local floodplain administrator to help provide

guidance on the process. Appeals must be submitted through your local floodplain administrator. Contact information for floodplain administrators in Claflin, Hoisington, and unincorporated Barton County is available at the KDA-DWR website. The new map, which also can be found on the KDA-DWR website, is still a preliminary version. Barton County officials encourage property owners and lessees to view the proposed Flood Insurance Rate Map to learn about local flood risks and potential future flood insurance requirements. For contact information, to view the new map, or to find out more about the Cow Creek watershed project or other Kansas floodplain mapping projects, visit the KDA-DWR website at: www.agriculture.ks.gov/floodplain/mapping.

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TRUCKS, TRAILERS & ATVS
 2008 24' Traveling Stock Trailer, 1969 Chevrolet C50 (116,700 miles new tires/clean truck), Heavy Duty Running Gear w/ implement tires, 1998 Dodge Ram 3500 Cummins Diesel (5 spd), 16' Truck Box Dump Trailer, 1980 International 2 ton Truck, 24' Dovetail trailer (8,000 lb. axes), 2013 Polaris Ranger 900 w/heated cab (1,742 hrs), 300 Gal. Fuel Trailer w/ electric pump, 1997 Ford Super Duty w/ flatbed (160,000 miles, 4 spd), 5' x 12' Utility Trailer, 1967 Chevrolet C60 (good hoist, solid truck), 13' Grain Box w/hoist, 16' Flatbed Trailer w/hoist on heavy running gear, 24ft Gooseneck Flatbed Trailer.

TRACTORS, SKID STEERS & ATTACHMENTS
 2007 Case Maxxum 140 w/loader and grapple (4,919 hrs), 2007 Case WDX 1002S Swather (540 hrs), 1979 IH 986, 1999 Bobcat 963 w/extra rims/tires (5,000 hrs), 1968 Allis Chalmers D14, Dauer Welding Tree Saw for Skid Steer (very lightly used), 3 pt Danuser Post Hole Digger, NEW Hawz skid steer attachments (72" Heavy Duty Brush Cutter, 84" Brush & Rack Grapples, 74" Brush & Rock Grapples, 2-Tree/post pullers w/ push bar, JD 401C wide front w/ ROPS (no 3 point), MDS Quick Attach adapter for loader tractor, 1966 Farmall 656 Gas (new paint, good rubber, 6,700 hrs), Precision Manufacturing Tractor Grapple, Speeco Category 2 quick hitch.

LIVESTOCK EQUIPMENT
 1994 Oswalt 400 Feed Wagon, Hydraulic Titan Squeeze Chute w/ palp cage (like new with NEW motor), Pearson Manual Squeeze Chute, Titan Curved Tub & Alley w/ loadout, palp cage, & catwalk, Titan Manual Cattle

Chute, 2- 20' PMC Hay/Silage Feeder Wagons, 14' Heavy Cattle Guard, Priefert Walk through headgate w/stand, WW Beefmaster manual squeeze chute, cattle oiler, Kelly Ryan 5'x8' truck mount feed box, Large Bar 6 cake feeder, **cattle bunk.**

GRAIN HANDLING EQUIP.
 2 - 150 bushel gravity wagons, Large Fertilizer/Seed Tender, Brandt 500 Grain Cart (good gearbox, fighting, & tarp), 6" auger, 4" auger w/ motor, Dakon Gravity Wagon, Small single axle auger wagon.

IMPLEMENTS & PARTS
 Case IH 800 6 row 30' Planter (Field Ready), 1998; Vermeer 605L Baler (9,443 bales), 1998 Haybuster 256 plus 2, Case IH 14' Manure Spreader (Hydraulic Tailgate), White 378 30" Row Crop Cultivator, International 9 shank chisel, International 550 5 bottom plow, McCormick International 103 Manure Spreader, Glenco 9 shank mulch tiller, RHS 300 Gal -3 point sprayer, small horse drawn disc, 72" BMB Brush Hog, International Side Delivery Rake, Rhino Batwing Rotary Mower, 12' 7 Shank Landoll Ripper, JD 920 Flex Head, 3 yd dirt scraper, 1996 Hesston 565A Baler, JD 100 12 shank chisel, JD pair 18.4 - 38 Duals & wheel weights, Vermeer 605M Baler (14,456 bales).

BUILDING MATERIALS, FENCING & MISC.
 Monoslope Roof Rafters for 40'x48' Shed (2 3/8" Pipe Construction), 40 - 20' 6 Bar Continuous Fence Panels w/ clips & connectors, Heavy Duty Gates w/adjustable hinges (2 - 10', 2 - 12', 2 - 14', 2 - 16'), 25 - 25' sticks sucker rod, 12 - 8'x16' hog building roof sections, 6 heavy built pipe corners, 40 pipe barbwire posts.

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Kansas Hay Market Report

Hay market activity moderate; demand remains good for both grinding alfalfa and grass hay. Supplies remain limited for alfalfa while grass hay inquiries have remained consistent. Alfalfa prices are steady to slightly higher. According to the U.S. Drought Monitor, rains clipped the southeast and parts of south-central Kansas with .25 inch to 1.5 inches of precipitation in the form of rain, sleet and ice. A small area in northwest Kansas received .25-.50 inch of precipitation. According to NASS, subsoil moisture supplies rated 26 pct very short, 45 pct short, 28 pct adequate, and 1 pct surplus. Moderate drought expanded into northeast Kansas due to seasonal precipitation deficits and abnormally warm temperatures in the last month. The abnormally dry (D0) category is at 99 pct, moderate drought (D1) is at 71 pct, severe drought (D2) is at 36 pct and extreme drought (D3) remains at 9 pct. If you have hay for sale, and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grass hay steady, grinding alfalfa and ground/delivered steady to 5.00 higher; movement moderate. Alfalfa: horse, small squares 240.00-250.00. Dairy, .85-.95/point RFV, Supreme 155.00-175.00, Premium 155.00-165.00, Good 135.00-155.00. Stock or Dry Cow alfalfa, 115.00-125.00. Fair/Good grinding alfalfa, 130.00-150.00. Ground and delivered locally to feedlots and dairies, 155.00-165.00 with an instance at 170.00. Grass hay: Bluestem large squares 80.00-90.00. The week of 2/18-2/24, *10,364T of grinding alfalfa and *2,119T of dairy alfalfa were delivered. Cornstalks: large rounds

55.00-65.00, ground and delivered 70.00-75.00.

South Central Kansas

Dairy alfalfa, grass hay, alfalfa pellets, grinding alfalfa and ground/delivered steady, stock cow steady to 5.00 higher; movement moderate. Alfalfa: horse, small squares 220.00-225.00. Dairy, .90-.95/point RFV, Supreme 155.00-165.00, Premium 150.00-160.00, Good 130.00-150.00. Stock cow alfalfa, 135.00-145.00 delivered. Fair/Good grinding alfalfa, 110.00-130.00 with instance at 135.00. Ground and delivered locally to feedlots 135.00-150.00 with two instances at 160.00-165.00. Alfalfa pellets: Sun Cured 15 pct protein 175.00-180.00, 17 pct protein 180.00-190.00, Dehydrated 17 pct 207.00-217.00. The week of 2/18-2/24, 4,724T of grinding alfalfa and 1,042T of dairy alfalfa were delivered. Grass hay: bluestem, large squares 80.00-90.00, large rounds 65.00-75.00; Oat hay, large squares 85.00-95.00, Sudan large rounds 70.00-75.00. Cornstalks: large rounds 55.00-60.00, cornstalks ground and delivered 60.00-70.00, Straw mid to large squares 50.00-65.00.

Southeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered and horse/goat steady, stock cow alfalfa steady to 10.00 higher; movement slow to moderate. Alfalfa: horse or goat, 215.00-225.00. Dairy .80-.90/point RFV. Stock cow alfalfa 130.00-140.00 with an instance at 150.00. Fair/Good grinding alfalfa 95.00-105.00. Ground and delivered, 115.00-125.00. Grass hay: bluestem, premium small squares 110.00-120.00 with instances at 130.00-140.00. Good, mid and large squares 80.00-100.00, large rounds 65.00-75.00. Brome: small squares 6.00-8.00/bale. Good, mid and large squares 100.00-115.00, large rounds 70.00-80.00. Oat hay, large rounds 75.00-85.00. The week of 2/18-2/23, 1,735T of grass hay were delivered. Straw, mid and large squares 50.00-60.00. Mulch, large rounds 50.00-55.00.

Northwest Kansas

Dairy alfalfa, grinding alfalfa and ground/deliv-

ered steady; movement slow to moderate. Alfalfa: small squares, 5.00-6.00/bale. Horse or goat, 175.00-200.00. Dairy, Premium/Supreme .80-.95/point RFV. Stock cow, fair/good 110.00-120.00. Fair/good grinding alfalfa, 90.00-100.00. Ground and delivered locally to feedlots and dairies, 105.00-110.00. Cornstalks, large rounds 80.00-85.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady, grass hay steady, movement slow to moderate. Alfalfa: horse, small squares 9.00-10.00/bale. Dairy .95-1.05/point RFV, Supreme 175.00-195.00, Premium 170.00-185.00, Good 150.00-170.00. Stock Cow, good 110.00-120.00. Fair/Good, grinding alfalfa, 95.00-110.00 with an instance at 120.00. Ground and delivered, 125.00-140.00. Grass hay: bluestem, small squares 5.00-6.00/bale, large squares 100.00-110.00, large rounds 55.00-75.00. Brome: Good, small squares 6.00-8.00/bale, mid and large squares, 125.00-130.00, good large rounds 80.00-90.00. Sudan large rounds 60.00-70.00; Straw: small squares, 4.00-5.00/bale, large squares 75.00-85.00, large rounds 65.00-75.00. Certified weed-free grass mulch small squares 4.00-5.00/bale, large rounds 45.00/bale.

****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

For vegetable gardening success, K-State recommended varieties consistently shine

K-State Research and Extension has updated its recommendations of vegetable varieties that have consistently proven themselves to be hearty, resistant to drought and disease, while producing good amounts of fruit.

These last few weeks of winter are a time of planning and preparation for home gardeners. Gardening catalogs arrive in mailboxes, while email accounts are filled with special offers from online retailers.

"I have so much admiration for the copywriters that write those three- or four-sentence descriptions found in gardening catalogs," said Dennis Patton, horticultural agent for K-State Research and Extension's Johnson County office. "Everything's won-

derful, juicy, flavorful, 'Performs better than the next.'"

"You never pick up a garden catalog and read 'This variety of tomato is a dog, it won't produce.'"

That's not to throw shade on seed catalogs — they couldn't stay in business very long if they consistently sold poor products. It's not that a new variety of tomato is a risk because it may not produce; the bigger question is, "Where will it grow best?"

"Kansas has ever-changing weather patterns and conditions," Patton said. "We may start the day as hot or cold or wet or dry, and all that can change within a matter of 24 or 48 hours."

Vegetable and plant varieties recommended by

K-State Research and Extension have been tested in many of the research farms scattered across Kansas. "These are varieties that we know, through repeated plantings, consistently perform well year in and year out. That's a solid first step on the road to success."

In addition to visiting your nearest Extension office for a list of these vegetable varieties, there are some electronic options. The official list of Recommended Vegetable Varieties (<https://www.bookstore.ksre.ksu.edu/pubs/l41.pdf>) has been maintained for many years, and was updated in October 2017. The Horticulture Information Center maintains a list of recommended plants (<http://hnr.k-state.edu/extension/info-center/rec->

ommended-plants/) that covers not only vegetables, but fruits, ornamentals, trees and more. Finally, if you want an in-depth look at a particular vegetable, start with this list of available vegetable publications (<https://hnr.k-state.edu/extension/publications/vegetables.html>)

Patton added that there's no reason to completely ignore those seed catalogs.

"Make the K-State varieties the backbone of your garden, and maybe save space for one or two new things that interest you. There are so many unique, unusual fruits and vegetables out there — go ahead and put something new in, add a little bit of variety," he said.

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| 2013 NH T9, 390..... | \$165.00 |
| 2015 NH T4.75, 33 hrs..... | \$45.00 |
| 1997 NH 7740, 3918hrs..... | \$28,500 |
| 2012 NH Boomer 50..... | \$25,000 |
| 1994 Ford 8970, 6550hrs..... | \$57,500 |
| Ford 6000..... | \$3,500 |
| 1982 Ford 7710, 3698 hrs..... | \$22,500 |
| 2012 Case Maxxum 125, 1593 hrs | \$75,000 |
| 2012 Case Farmall 75C, 338hrs..... | \$44,000 |
| 1991 Case 5140, 4071hrs..... | \$29,500 |
| 1991 Case Magnum 7130, 4727hrs | \$62,000 |
| 2003 Case MXM 155..... | \$52,500 |
| 2012 Case Maxxum 125, Ldr..... | \$77,000 |
| 2012 Case Maxxum 125, 1593hrs. | \$75,000 |
| 2013 Case Puma 170, 470hrs..... | \$133,000 |

| LEASE RETURN TRACTORS | |
|------------------------------|-----------|
| 2013 Case Magnum 180, 603hrs | \$120,000 |
| 2014 Case Magnum 190, 570hrs | \$120,000 |
| 2016 JD 5055E, 16 hrs..... | \$28,500 |

| COMBINES | |
|----------------------------|-----------|
| 2011 NH CR9060..... | \$168,000 |
| 2005 Case 2388..... | CALL |
| 2011 Case 8120, Track..... | \$230,000 |
| 2007 Case 2020H..... | \$19,600 |
| 2009 Case 2162..... | \$44,000 |

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| Chapman, 1 rwf | 1905@70.00 | Herington, 2 blk | 698@145.50 |
| Hope, 1 Hols | 1470@68.50 | Hope, 5 blk | 733@145.00 |
| White City, 1 Hols | 1725@67.50 | Burdick, 22 mix | 791@144.00 |
| Hope, 1 Hols | 1535@67.50 | Ramona, 5 red | 723@142.75 |
| Marion, 1 red | 1655@67.00 | Wilsey, 3 blk | 735@141.50 |
| Hillsboro, 1 blk | 1405@65.00 | Hope, 119 Char | 898@139.75 |
| Hope, 1 Hols | 1550@64.50 | Lincolntonville, 4 rwf | 826@137.50 |
| Herington, 1 rwf | 1420@64.00 | Hillsboro, 16 mix | 871@135.25 |
| Hillsboro, 1 blk | 1300@63.50 | Carlton, 3 red | 855@135.00 |
| Herington, 1 bwf | 1380@63.50 | Herington, 59 blk | 884@134.50 |
| Herington, 1 blk | 1375@63.25 | Lincolntonville, 2 blk | 828@134.00 |
| Hillsboro, 1 blk | 1310@63.00 | Hope, 58 mix | 896@134.00 |
| Herington, 1 blk | 1135@62.00 | Lincolntonville, 59 mix | 883@133.60 |
| Hope, 1 Hols | 1335@61.50 | Ramona, 59 red | 907@133.50 |
| Hillsboro, 1 Char | 1485@61.50 | Ramona, 34 mix | 902@132.00 |
| Herington, 1 blk | 1365@61.50 | Herington, 118 mix | 920@131.85 |
| White City, 1 Hols | 1545@60.50 | Hope, 19 blk | 920@131.00 |
| Hillsboro, 1 red | 1335@60.50 | Herington, 7 mix | 844@130.50 |
| Hillsboro, 1 blk | 1260@59.50 | | |
| Lost Springs, 1 blk | 1290@58.00 | | |
| White City, 1 rwf | 1205@58.00 | | |
| BULLS | | | |
| Marion, 2 mix | 370@162.00 | | |
| Marion, 1 Char | 480@151.00 | | |

CONSIGNMENTS FOR MARCH 7:
• 30 blk hrs home raised long time weaned • 62 blk str 850-875 lbs
all shots 750-825 lbs **MORE CATTLE BY SALE TIME!**

MARCH 21ST GOING TO GRASS ANNIVERSARY SALE

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

View Our Auction Live at LMAAUCTIONS.COM
KFRM AM 550, Every Wed., 8:00 a.m. • Barn Phone 785-258-2205
www.HeringtonLivestock.com

UNDER NEW MANAGEMENT: Tracy Ediger, 785-366-6645
Gary Suderman - 913-837-6785 • Dave Bures - 402-766-3743 • Rick Parkerson - 620-767-2738
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CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY

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

Address: _____ City: _____ State: _____ Zip: _____

WRITE YOUR AD HERE



RATES AND DISCOUNTS

FIGURE YOUR COST HERE:

RATE: 65¢ a word.
 Number of words: _____ @ 65¢ each
Cost for one week: _____
 Multiply one-week cost times number of weeks you want ad to run.
 Run ad _____ consecutive weeks.
Category: _____

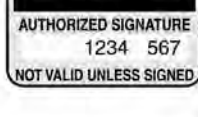
Cost for _____ weeks: _____
DISCOUNTS: (with cash or credit card orders only)
 deduct 10% if ad runs 2 or 3 weeks;
 deduct 25% if ad runs 4 weeks.
 Less discounts: _____

TOTAL: \$ _____

PAY WITH (PLEASE CIRCLE ONE):
 CHECK MASTERCARD VISA DISCOVER

Card No. _____ Exp. Date _____

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Signature: _____

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| BINS - DRYERS - VACS | |
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| BUSINESS OPPORTUNITIES | |
| WELDING | |
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REMINDERS

- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
- **NO REFUNDS!**
- **BY PHONE:** Ads not accompanied by payment have \$1.00 billing charge added, and discounts are not available.



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CATTLE

MOLITOR ANGUS 39th Annual Production Sale

Sat. Mar. 17, 2018 - 1 PM at the ranch (11558 SW 90th St., Zenda) 5 mi. N. & 2 1/2 W. of Zenda, or 9 W., 9 S. & 2 1/2 W. of Kingman, KS

Selling 110 Bulls & 40 Females

- Performance • Calving Ease
- High Carcass Traits
- Gentle Disposition Traits
- Main Herd Sires Represented:**
- Basin Payweight 1682, KG Solution 0018, LD Emblazon 999, HA Outside 3878, Black Granite, HAYNES Outright 452, and Basin Advance 3134

Catalogs available upon request or register for online bidding at www.dvauction.com

Molitor



Angus Ranch

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 Cell: 620-243-3081
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20 Performance Tested Sim-Angus bulls
 Yearling to 2 year olds, black polled, semen checked, vaccinated, poured, very gentle.

Luin Berger
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17th Annual Sale
BJ ANGUS GENETICS



Thursday, March 8th

12:30 PM at the Ranch Manhattan, KS
 • 74 18-month bulls
 • 48 13-15 month bulls
 Over 90 heifer bulls

60 Reg. Females
 Fall pairs, Bred cows, Bred heifers, Open heifers
 Genomic (DNA) Enhanced EPDs with i50K

www.bjangus.com
 for sale catalog and videos
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 785-532-9777

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25 REGISTERED ANGUS replacement heifers. Bismark, Wisdom, Protege #800. Calfhooded, vaccinated, all shots, poured, pregged. Call Dan Peterson, 785-230-1776

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HIGHTOWER CATTLE CO.

2nd ANNUAL PRODUCTION SALE SUNDAY, MARCH 25 - 2 PM AT THE FARM - LaCYGNE, KS

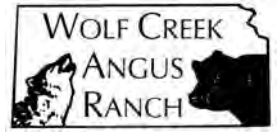
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BALANCER BULLS FOR sale. Born Jan/ Feb 2017. DNA tested, bred for calving ease, growth, maternal and good disposition. Delivery available. RM Farms Troy, KS 785-850-0686.

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7th Annual Production Sale

Wed., March 21, 6 PM

- Overbrook Livestock Comm.
- 50 Angus Bulls yrlg & aged
- 70 Reg. & Commercial Open Yearling Heifers
- Approx. 30 young pairs
- Howard Woodbury
 785-453-2492 785-241-0515
 John Woodbury
 785-453-2223 785-229-2557
www.woodburyfarmskansas.com

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- Priced for the Commercial Cattleman
- Yearlings & 2 yr. olds with calving ease & growth
- Excellent Selection with Volume Discounts
- Performance Data Available
- Good Maternal Traits

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Yearling to 2 year olds
 Performance Data Available
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ANGUS COW AND CALF pairs, 2yo to older cows. February and March calves. Call Donald at Abilene, 785-479-0126

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Sandhill Farms Hereford Production Sale

March 24, 2018 (NEW sale date) 1 PM • At the farm • Haviland, KS
Selling approximately:

- 125 Polled Hereford Bulls • 25 Hereford Cows with Heifer Calves at Side • 50 Open Commercial Hereford Heifers
- 15 Open Black Baldie Heifers

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Call for your free sale catalog today!

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SELLING
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19th Annual Production Sale
March 24, 2018, 12:00 p.m.

At the farm
 24181 187th Street,
 Leavenworth, KS
 and
DVAuction
 Accelerating Real Time Auctions

Selling:
 -50 Registered Angus Spring & Fall Yearling Bulls
 -10 Registered Angus Spring & Fall Calving pairs

-Open Commercial Yrlng. Heifers
 -Fall Bred Commercial Heifers
 All bulls have been ultrasounded, vaccinated, tested PI negative and passed a breeding soundness exam.

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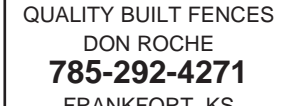
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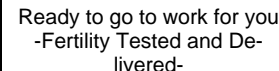
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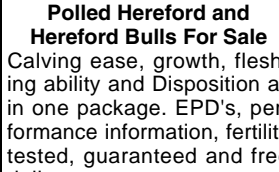
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Wed. March 14th, 2018
Bulls Sell at 11 AM Sharp!
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Bull & Female Sale
SAT., MARCH 10 2018



MILL BRAE RANCH
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May-Way Farms 7th Annual Production Sale
Wed. March 14, 2018
Overbrook Livestock Commission, 6 P.M.
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 • Reg. Angus Fall bred heifers & open Spring heifers.
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Office: 785-594-3125
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Mon., March 26, 2018
12:00 Noon
 At the Ranch 1/2 mile South of Dwight, KS
 — SELLING —
 60 Horned Hereford Bulls
 15 Two-Year-Old Angus Bulls
 50 Fall Yearling Angus Bulls
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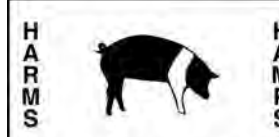
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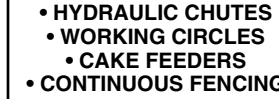
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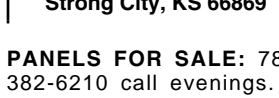
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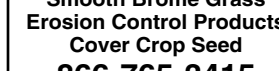
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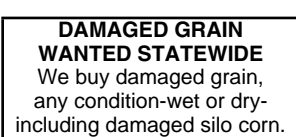
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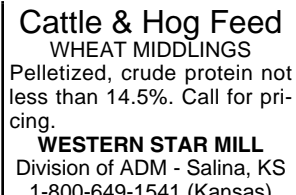
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Pruess Elevator, Inc
 1-800-828-6642

FEED & SEED

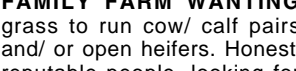
2016 BROME SEED. 50LB
 bags, low germ. 785-364-7707.



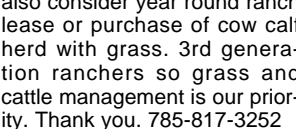
DAMAGED GRAIN WANTED STATEWIDE
 We buy damaged grain, any condition-wet or dry-including damaged silo corn.
TOP DOLLAR!
 We have vacs and trucks.
CALL HEIDI OR GARTON NORTHERN AG SERVICE, INC.
 800-205-5751



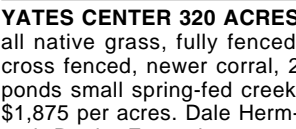
Cattle & Hog Feed
 WHEAT MIDDINGS
 Pelletized, crude protein not less than 14.5%. Call for pricing.
WESTERN STAR MILL
 Division of ADM - Salina, KS
 1-800-649-1541 (Kansas)



FAMILY FARM WANTING
 grass to run cow/ calf pairs and/ or open heifers. Honest, reputable people, looking for the same. 620-793-2368.



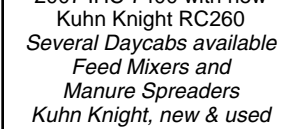
NEEDING PASTURE TO rent
 for pairs and bred heifers. Will also consider year round ranch lease or purchase of cow calf herd with grass. 3rd generation ranchers so grass and cattle management is our priority. Thank you. 785-817-3252



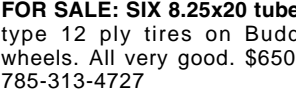
WANTED: GRASS FOR 20-
 40 yearling heifers and bull or cows and calves. 785-799-6147, leave message



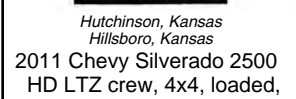
YATES CENTER 320 ACRES
 all native grass, fully fenced, cross fenced, newer corral, 2 ponds small spring-fed creek. \$1,875 per acre. Dale Hermreck Realty Executives, 785-229-6740. dalehermreck@gmail.com



2007 IHC 7400 with new Kuhn Knight RC260
 Several Daycabs available
 Feed Mixers and Manure Spreaders
 Kuhn Knight, new & used
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FOR SALE: SIX 8.25x20 tube
 type 12 ply tires on Budd wheels. All very good. \$650. 785-313-4727



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 McPherson, KS
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 2011 Chevy Silverado 2500 HD LTZ crew, 4x4, loaded, 6.6 diesel, auto, 71k mi
 2013 GMC 2500 HD crew, 4x4, Denali, diesel, auto, loaded, nice, 22k mi
 2013 Ford F250 crew 4x4, King Ranch diesel, auto, loaded, nice, 61k mi
 2014 Ram 2500 Mega Cab 4x4 Longhorn, diesel, auto, loaded, 96k mi
 2016 Ram 1500 crew SLT, 4x4, 5.7 V8, auto, very clean, 15k mi
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160 Ac Wab. Co. farm
 North of Paxico
 160 acres with 97 acres crop ground, 52 acres pasture with pond, 5 acre farmstead area with usable farm buildings including a steel slant wall machine shed that is 40' X 60' for \$371,000.
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CATTLE

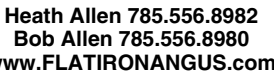


ANNUAL ANGUS PRODUCTION SALE

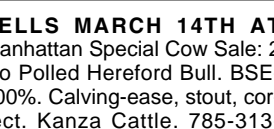
March 11th, 1:30 pm
 at the Ranch Headquarters
 522 17th Rd • Haddam, KS

- Yearling regis. Angus Bulls
- 2 yr old regis. Angus Bulls
- 18 mo old SimAngus bulls
- 40+ Virgin Angus Heifers
- Fancy 2 yr old Angus Heifer pairs

Angus Sires:
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Simmental Sires:
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Bob Allen 785.556.8980
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 Sale. AI sired, heavy muscled and stout. Delivery available. Jay Bohnenblust, Clay Center. 785-447-1173.



SELLS MARCH 14TH AT
 Manhattan Special Cow Sale: 2 y/o Polled Hereford Bull. BSE-100%. Calving-ease, stout, correct. Kanza Cattle. 785-313-6565.

CATTLE



ON TARGET BULL SALE
 HEREFORD • ANGUS
March 17 • 1 p.m.
 Marshall Co. Fairgrounds,
 Blue Rapids, KS

Broadcasted online at
DVAuction.com

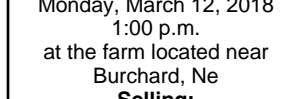
Offering will include
 30 yearling & five
 18 mo. old Hereford bulls,
 28 yearling Angus bulls,
 and 10 Angus heifers

Learn more at
OnTargetBullSale.com

Springhill Herefords
 Dave Stump
785-556-0124

Alcove Cattle Co.
 Ken Duensing
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RED ANGUS, POLLED
 Short-horn bulls. Low birth weight, AI bred. Kilgore Shorthorn Farm. 913-426-2120.



TEGTMEIER POLLED HEREFORDS
58th Annual Polled Hereford Sale
 Monday, March 12, 2018
 1:00 p.m.
 at the farm located near Burchard, Ne
Selling:
 •40 Polled Hereford Bulls
 •35 Bred and Open Females
Russ: 402-865-5805
 rtegtmeier@diodecom.net
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NEW LISTING! 240 Ac +/- Pasture with 2 ponds and new fences just west of Gypsum. Call Ray!
NEW LISTING! 4499 HD feedlot, 4 houses, and 1640 acres near Hope, KS. Top-notch turnkey facility. Call Brad or Ray!
NEW LISTING! 239 Ac +/- Sportsman Paradise timber and Solomon River SE of Bennington. Proven deer, turkey, and 40 lb flatheads. Call Ray!
*440 Ac +/- in 2 tracts SW of Tescott. Tillable priced in today's market. Call Ray!
*160 Ac +/- w/2000 hd feedyard, set up right and ready to sell.
*160 Ac +/- Upland irrigated tillable @ Lindsborg. Call Brad!
*366 Ac +/- Farm w/irrigated river bottom tillable at Lindsborg. Call Brad!
PRICE REDUCED! *100 Ac +/- Rain Rd./ 18 Hwy. CRP, excellent return or bldg site! Call Brad!
*80 Ac +/- CRP just west of Abbyville. Call Ray!
*80 Ac +/- just S of Lincoln, tillable and CRP. Call Ray!
*140 Ac +/- Tillable/pasture combo just SE of Enterprise. Call Ty!
*20 Ac +/- Creek bottom till/great hunting @ 81 Hwy/24 Hwy. Call Ray!
*31 Ac +/- tillable 81 Hwy/24 Hwy. Good hunting, bldg site! Call Ray!
* Pasture/tillable combo just NW of Talmage on 18 Hwy.
* - Owner will Finance - 320 Ac +/- Pasture E of Bennington. Call Ray!
* - Owner will Finance - 300 Ac +/- on the Solomon River. Call Ray!
*240 Ac +/- Geary Co. blacktop frontage 190 pasture w/new fences, 3 big springs and 2 new wells. 45 tillable. Close to town. Seller is a Kansas

COUNTRY HOMES AND LOTS
EVEN LOWER PRICE! * 863 Hwy 15, S of Abilene. Fabulous 4 bd, 3 bath home on 21 Ac +/- w/horse barn and a large shop. Lowered \$40K!
* Nice country home on 10 Ac +/- @ Lindsborg! Call Brad!
* 20 Ac +/- with nice shop and pens just N of Enterprise along I-70. Call Brad!
* 4 bed, 3.5 bath log home, stone fireplace w/awesome view and new shop on 16 Ac +/- or add in another 64 Ac +/-! Call Brad!
* 3227 Hwy 15 +/- NE of Abilene on 15 Hwy. Nice home on Mud Creek.
* 24 Ac +/- Bldg. site @ Pawnee Rd. / I-135 N of McPherson! Call Lucas!

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Upcoming Auction! Nice 1/4 just SE of Canton....March 13, 2018
If you are thinking of having a spring land auction or listing your property for sale, then contact our office today.... We would appreciate the opportunity to serve you!

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Ty Bryant785.366.0261 Billy Randle785.479.1152
Sheila VanWinkle.....785.280.3564

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Land For Sale
Ottawa Co.- 10 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476
Ottawa Co.- 20 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476
Ottawa Co.- 20 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476
Saline Co.- 34 Acres m/l. Building Site in Smoky Valley School District. All native grass and some trees. Chris 493-2476

Homes For Sale
Saline Co.- 12.5 Acres m/l 2 Story farmhouse with 4 bedrooms & finished basement. Fenced pasture. Chris 493-2476
Dickinson Co.- 6 Acres m/l. Walk Out Ranch Home. 2 Car Attached Garage 2 Garage Detached Garage. Barn & Machine Shed. Mark 826-3437
Ottawa Co.- 21.9 Acres m/l. Over 2800 Sq. Ft of Home. Walk Out Bsm't. Built 2003. Vicki Lance 452-8177
Saline Co.- 17.6 Acres m/l. Updated Home. 4 Outbuildings. West of Salina. Amber 820-7472
Farm & Ranch Division Of:

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Wenger Realtors®
631 E Crawford Salina KS
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POTTAWATOMIE CO.
Excellent building sites. 40+ acres. Highway frontage, gently sloping, some trees and 2 ponds, rural water and electricity available. 17 miles North of Manhattan. \$250,000

MORRIS COUNTY
Price Adjustment
South of Council Grove, 200 +/- acres all pasture. Fenced and cross fenced, 2 large ponds and spring fed creek. \$350,000

WANTED
Have buyers for 160-640 acres. Call me if you're thinking of selling.
Dolly Anderson, Broker
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Tell them you saw it in Grass & Grain!

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Contact Brad Fowles, Listing Agent: 785-632-1613

Come to the Country!
69 Acres m/l Pasture land 2006 Wardcraft home and outbuildings. 3 Bedroom 1 3/4 Bath. Fruit Trees and Berry Bushes. In USD #379 School District. 482 N 290th Road, Miltonvale. \$369,000
Listed by

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2017 CRUISER RADIANCE touring travel trailer. Immaculate, used 2 days. Health issue. 2 slides, dual batteries, electric awning with speakers. Queen, large stainless steel fridge, 2 entrances, sleeps 5, always stored inside, NADA wholesale \$23,950, sell for \$22,950. 785-969-3465

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Free Installation!

2018 Circle D 16' bumper stock\$5,250
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*2017 Travalum Aluminum Stock Trailer 24'\$14,875
*2018 Travalum 20' stock\$13,100
*2018 Travalum Aluminum 24' stock\$14,500
*2018 Elite 30' 10k axles gooseneck flatbed... \$7,500
*2018 Elite 25', 2-7k axles Gooseneck flatbed\$5,400
*2018 Elite 25' 10k axles Gooseneck flatbed\$6,950
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'98 CASE IH 8920 MFD, 5289 hrs. Trimble Autosteer, excellent rubber, well maintained, shedded. 620-947-1531.
1995 JD 7800 TRACTOR, 740 loader, 11,200 hrs, 184x42 good tires, quad-range, joystick, GreenStar, axle mount duals. Excellent maintenance, perfect condition. \$43,500. 785-457-3440.

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'11 JD 1770 16-30'\$69,500
'06 JD1780 8/15\$29,500
'14 JD 1790 16/32 ...\$107,500
'15 JD 1795 16/32 EE\$239,500
'13 DB90 36row\$149,500
'07 Kinze 3500 8/15...\$42,500
'12 Kinze 3500 8/15...\$49,500
'12 Kinze 16/31\$74,500
'94 Kinze 2000 6/11...\$19,900
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'13 JD S680 4wd\$209,500
'17 JD S680 4wd\$319,500
'16 JD 670\$219,500
'12 JD 5670\$144,500
'14 JD S670\$239,500
'14 JD 670\$189,500
'17 JD S670 4WD...\$319,500
'13 JD S660\$159,500
'10 JD 9870\$119,500
'04 JD 9660\$74,000
Corn heads
— SPRAYERS & APPL.—
'15 JD 4038 100'\$217,500
'15 JD 4030\$199,500
'14 JD 4830\$149,500
'13 JD 4730\$157,925
'08 JD 4730 100'\$87,500
'02 JD 4710\$74,500
'05 Spray Coupe 4450\$34,500
'02 Willmar 8500.....\$39,500
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'04 Peterbilt floater.....\$59,500
— TRACTORS —
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MACHINERY

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'10 Claas 980.....Coming
'09 Claas 980
'05 Claas 900.....Call
'04 Claas 900.....Call
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2012 Case 315.....\$190,000
Agco Star 8360.....\$45,000

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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

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EZ Trail Gravity Wagons, Grain Carts, and Header Trailers.

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2004 Case IH MX230, 6550 hrs.....\$65,000 (M)
2003 Case IH MX210, 6851 hrs.....\$59,000 (W)
2001 Case IH MX200, 5903 hrs.....\$59,500 (M)
2010 Case IH MX190 w/dlr, 2852 hrs..... \$89,500 (S)
2013 Case IH Puma 160 w/dlr, 975 hrs.....\$109,500 (C)
2015 Case IH Maxxum 140 w/ldr, 1387 hrs \$94,500 (C)
2006 Case IH MXM130 w/dlr, 4275 hrs.....\$48,500 (M)
2004 Case IH MXU125 w/dlr, 8261 hrs.....\$39,750 (W)
2002 Case IH D29 w/dlr, 699 hrs.....\$13,750 (W)
2005 Case IH STX325 4WD, 2527 hrs.....\$83,000 (W)
2012 Case IH Steiger 350 4WD, 1333 hrs\$156,500 (M)
2010 Case IH Steiger 435 Quad, 2123 hrs\$189,500 (C)
1982 Case 4690 4WD, 6465 hrs.....\$15,500 (C)
1977 IH 4386 4WD, 3024 hrs.

MACHINERY

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2011 Case IH Magnum 260, 1350 hrs..... \$138,500 (W)
2004 Case IH MX230, 6550 hrs.....\$65,000 (M)
2003 Case IH MX210, 6851 hrs.....\$59,000 (W)
2001 Case IH MX200, 5903 hrs.....\$59,500 (M)
2010 Case IH MX190 w/dlr, 2852 hrs..... \$89,500 (S)
2013 Case IH Puma 160 w/dlr, 975 hrs.....\$109,500 (C)
2015 Case IH Maxxum 140 w/ldr, 1387 hrs \$94,500 (C)
2006 Case IH MXM130 w/dlr, 4275 hrs.....\$48,500 (M)
2004 Case IH MXU125 w/dlr, 8261 hrs.....\$39,750 (W)
2002 Case IH D29 w/dlr, 699 hrs.....\$13,750 (W)
2005 Case IH STX325 4WD, 2527 hrs.....\$83,000 (W)
2012 Case IH Steiger 350 4WD, 1333 hrs\$156,500 (M)
2010 Case IH Steiger 435 Quad, 2123 hrs\$189,500 (C)
1982 Case 4690 4WD, 6465 hrs.....\$15,500 (C)
1977 IH 4386 4WD, 3024 hrs.

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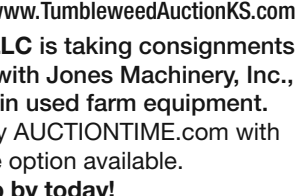


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Kansas State University researchers using gene-editing technology to improve wheat

Kansas State University researchers say their work to improve genes in wheat varieties using a gene-editing technology is another positive step toward global food security.

"Food security and the food supply is one of the main issues in the world's future," said Eduard Akhunov, professor of wheat genetics and pathology. "With the increasing population size and a decline in the amount of land available for growing crops, we really need to intensify agriculture in a sustainable way."

Akhunov and his colleagues are working with gene editing, a technology developed five years ago which can be used to modify with high precision any gene in a living organism. Their work with wheat is featured in the inaugural issue of the *CRISPR Journal*, which was released in mid-February.

CRISPR-Cas9 technology, introduced in 2012, is a simple yet powerful tool for editing genomes, the complete set of genetic material present in a cell. Akhunov said it allows researchers to easily change DNA sequences, creating new variants of a gene with improved properties, or fix known defects in a gene.

"You can consider CRISPR-Cas9 to be like molecular scissors that can make changes very precisely in a particular place of the genome," Akhunov said. "Using this tool, you can selectively modify any part of a genome to improve genes controlling major agronomic traits."

This same process is done in traditional wheat breeding, he added, but it often takes as many as seven to ten years to effect the improvements that CRISPR technology can enact in a much shorter time.

"Traditional breeding involves screening existing germplasm (genetic material) collections for genetic variation that is useful, and then introducing it into wheat varieties to improve a trait," Akhunov said. "This process can be time-consuming and may fail if the specific ge-

netic variation is not present in the screened germplasm."

"CRISPR-Cas9 technology can use the knowledge we have already collected about the gene's biology to introduce changes into the functionally important regions of a gene. These new variants of a gene can bring new traits, broadening the useful genetic variation that currently exists in the germplasm collections."

Akhunov noted that K-State researchers work with a suite of 25 genes controlling traits that have the potential to affect yield. Using CRISPR-Cas9 technology, they have the ability to improve each of these genes before testing them in the greenhouse, and eventually evaluating them in field conditions.

"Once we identify genes that beneficially affect yield-related traits in wheat, we will work with wheat breeders to transfer these gene-editing advances to top varieties grown here in Kansas, and other U.S. breeding programs," he said.

To achieve this, the K-State scientists will cross a wheat line containing a CRISPR-Cas9 enzyme with wheat cultivars that do not contain the enzyme.

"In the progeny (or offspring) of this cross, we select only those plants that do not have the CRISPR-Cas9 enzyme, but carry the change in the genome that we wanted to induce," Akhunov said.

Thus, he added, nothing new is added to the resulting wheat variety, only an improvement in the performance of the wheat's genes.

"The same outcome can happen due to natural mutations (in wheat vari-

eties) over time, but we are accelerating this process, using CRISPR-Cas9, that can induce mutations in one specific place in the genome," Akhunov said. "Hypothetically, if you would wait several million years, or screen thousands and thousands of wheat lines collected across the globe, you will likely recover mutations in the same location in the genome that will have the same effect on gene function. But by using the CRISPR-Cas9 technology, you can achieve it in a single wheat line within a year."

Specific to wheat, Kansas State scientists are working to improve genes that control several yield component traits, among them seed size, number of seeds per spike and the number of tillers per plant.

"We systematically go gene by gene, modifying them using the CRISPR-Cas9 system and then we test to find out which changes in the wheat genome result in increased yield," Akhunov said.

K-State's work on the CRISPR-Cas9 technology is led by Akhunov and funded by the Agriculture and Food Research Initiative competitive grant from the USDA National Institute of Food and Agriculture. The project is a part of the International Wheat Yield Partnership (iwyp.org) program aimed at increasing the genetic yield potential of wheat using innovative approaches.

The researchers' paper in the inaugural issue of the *CRISPR Journal* can be found at <http://online.liebertpub.com/doi/pdfplus/10.1089/crispr.2017.0010>.

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Understanding farm lease agreements

By Jeri Geren, Diversified Agriculture and Natural Resources Agent, Wildcat District
 Renting and leasing is not an uncommon practice for those involved in agriculture. In fact, it is estimated that nearly 50 percent of Kansas farm and pasture land is rented. With that in mind, it is important to recognize the different types of leases developed to meet the needs of farmers and ranchers.

A lease is a contract and terms of the lease will be interpreted and enforced in light of the contract law. It is important that both parties to a farm or ranch lease understand the details of their lease agreement and the laws that affect their lease. The types of land rental agreements vary widely from one farming area to another and these differences are often based on long-standing traditions. For crop production, there are three primary types of lease agreements. These

include: fixed cash, crop-share or flexible lease agreements. There are advantages and disadvantages to each, so it's best to find the one best suited for individual scenarios.

Fixed Cash Lease – Under typical cash leases, the landowner would receive a predetermined cash fee from the tenant, regardless of the crop yield or commodity prices. The landowner would also be responsible for property and building taxes. The tenant receives all the crop income (including government program payments), pays all the crop expenses and makes all crop management de-

isions.
Crop-share Lease – In most cases, the landowner furnishes the land and a share of the costs of expenses like fertilizer, seeds and pesticides. The tenant furnishes all the labor, fuel and equipment. Both parties receive a share of the crop and government payments.

Flexible Lease Agreements – These variable lease agreements allow the lease payment or crop share to vary depending on yields and/or prices. In some cases, the actual rent is not determined until after the crop is harvested. Some examples of flexible lease agreements

include: share of the gross income, adjustments for yield only, adjustments for price only and base rent plus a bonus.

In all lease agreements, it is important that both parties consider the advantages and disadvantages for each option. Good communication between the landowner and tenant is essential to ensure both parties' concerns and questions are answered. A written lease reduces confusion and misunderstanding by setting forth rights, duties and responsibilities for each party. It is advisable to consult with an

attorney concerning lease laws, the terms of the lease and its potential problem areas before entering into any agreement.

For more information, contact Jeri Geren, Diversified Agriculture and Natural Resources, jlsigle@ksu.edu, (620) 331-2690.

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FARM AUCTION

MONDAY, MARCH 19, 2018 — 10:00 AM
 Auction will be held at the farm 810 Granite Road, REPUBLIC, KS. located 6 miles North of Scandia, Ks on 90th Road then ¼ mile West on Granite Road or from Republic 2 miles East on Fir Road, South 1 mile on 90th road then ¾ mile West on Granite Road.

TRACTORS, TRUCKS & SIDE BY SIDE
 2010 John Deere 9870 STS Bullet Rotor diesel combine 4 wheel drive, duals, pro drive feeder house, bin extension, long unload auger, (Kucher rotor & parts), 2605 engine hrs, 1782 separator hrs, combine has been through JD shop and is field ready; 2015 Drago Series II 12 row corn head picked 1000 acres; 2015 MacDon FD 75-S 35' flex head draper; John Deere 220 header; 2009 John Deere 8330 front wheel assist ILS front end, 16 speed, power shift, 5 hyd, weighted, 3500 hrs, auto steer ready; 2008 John Deere 8530 front wheel assist, duals all around, ILS front end, IVT, 4 hyd, weighted, 2450 hrs, auto steer ready; 1993 John Deere 4960 MFWD, 15 speed, power shift, 4 hyd, 8800 hrs, overhauled 1100 hrs ago; 12' dozer blade mountings for 4960; FMX 1000 GPS system; Ford 8N tractor; 2015 Yamaha Viking side by side 4 wheeler 396 miles; 1975 GMC 6500 twin screw truck, 454 V 8, 5-4 speed, 20' box, roll over tarp; 1969 Chevrolet C50 truck, 8 cy, 4-2 speed, 16' metal bed, power up, down hoist 55,545 miles; 1963 Chevrolet C60 truck, 8 cy, 4-2 speed, 14' bed; 1961 Chevrolet truck 8 cy, 4-2 speed, 14' bed; 1961 Chevrolet Viking C60 truck has been setting; EZ Trail 340 gravity wagon; Kill Bros 400 gravity wagon; Parker 2600 wagon; 2-110 flair box trailers.

MACHINERY
 2013 Kinze 3600 planter 12 row 30" pull type w/quick coupler, dry fertilizer, no till cultures, Getter openers, electric row unit shut off, row units went through last year; 2015 Orthman 8315 3 pt., 12 row no till cultivator has been over 400 acres, Goertzen hillers, like new; 2009 Great Plains 3S 4000 HD 40' no till drill w/dry fertilizer, planted 9750 acres; Landoll 850 finish all 30' field cultivator w/hyd disc lift; John Deere 985 36' field cultivator; Quinstar 32' fallow master; John Deere CX 15' pull type shredder; Dalton 42' anh. Applicator heavy duty axle, cooler, 2 section w/shutoff; Orthman 3 pt. 8 row no till culti-

vator; Holcomb 14 yard draw bar mount scraper; Peck 1204 12" 72' auger w/swing hopper; Mayrath 10' 61' auger; Hutchinson 10' 61' auger; John Deere 2350-2450 6-18 on land hitch plow; JD 3 pt. 20' rotary hoe; John Deere 1600 36' anh applicator w/cold flow; Ford 3 pt. 10' blade; Ford 3 pt. 5' blade; Ford 2 bottom plow; McFarlane 3 pt. 12 row stock cutter; 6 shank 3 pt ripper; Gunse 3 pt. 7/ hyd lift; 2 wheel shop built trailer; John Deere 227 tractor mount 2 row corn picker; corn pickup reel.

TOOLS & OTHER
 Coats 20-20 air tire machine; chop saw; tool boxes; 12 ton hyd press; assortment wrenches; freight cart; roll around tool cart; assortment hand tools; 20 lb anvil; jacks; Ace hyd motor pump; aeration fans; cylinders; tires; electrical boxes; new B3JRBM Berkley 3x4 irrigation pump 500 gal; Chrysler 440 irrigation engine; 2 side creep feeder; 2 Aera Track 3P guidance system; pile tin; assortment of machinery for iron; assortment of other misc items.

bar mirror; Labatts bar mirror; Dogs Playing Poker picture; bar tin signs; Cat & Dog Playing Pool pictures; German beer steins; player piano music rolls; Eisenhower cups, plates and saucers; very large nice Victorian Lady picture; Victorian lamps & pictures; figurines; collection of Toby Mugs; antique smaller walnut buffet; antique red and white porcelain kitchen table; painted antique kitchen cupboard with porcelain top; antique walnut dropleaf table; hunter green bakers rack; large dresser and highboy set; antique walnut wardrobe; treadle sewing machine; antique large Empire style china closet; oversized wood porch swing; park bench; patio table w/ stools; Sentry safe; 2 Work-

mate shop tables; queen size comforters; computer desk; office chair; misc. office items; lots of glassware; misc. items; CD movies; older VCR movies; baseball bat stand; beer mugs; Super Bowl mugs; belt buckles; rods & reels; fishing rods; 2 way radios; billiard items; MANY, MANY MORE ITEMS TOO NUMEROUS TO MENTION.

SHOP TOOLS & GUNS
 Winchester Model 336-30/30 lever action rifle w/case; 22 long barrel pistol w/case and holster; skill saw; die grinder; Sawz-all; hand tools; tool boxes; lots of misc. hand tools; **MANY, MANY MORE ITEMS TOO NUMEROUS TO MENTION.**

ANNOUNCEMENTS MADE DAY OF SALE TAKE PRECEDENCE OVER PRINTED MATTER.
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AUCTION

SATURDAY, MARCH 10, 2018 — 9:31 AM
 Sterl Hall, 619 N. Rogers — ABILENE, KANSAS • Lunch served!

ANTIQUE & FURNITURE
 JD wall clock; toy JD tractors and combine; Jim Beam auto decanters; jewelry; books; glassware; pocket knives; mantle clocks; 1950s bottles of Stag Beer; malt machine; Dale Earnhardt items; Elvis Presley items; fur coat; prom dresses; left handed golf clubs; Norman Rockwell picture; baseball items; piano bench; opera binoculars; doll house; watches; bike & tricycle; Coca Cola soda fountain w/2 chairs; Coca Cola bakers rack; Coca Cola 3-tier tea cart; S&P shakers; cookie jar; old Coke bottles; Coke clocks; bread box; lots of Coke pictures; large Sprite Boy Coke picture; Sprite Boy bobble head; table top Coke radio; shot glass collection; Miller

TRACT I: This tract is located along SE 53rd, there is approximately 48 Acres in this tract. It includes an older farm stead (7037 SE 53rd), pasture & timber; there is a pond on this tract. This tract also has a water meter and utilities on it. Great property for building site or hunting ground.

TRACT II: This tract is approximately 6.5 Acres and is located at 5410 SE Stanley Road. This tract adjoins Tract I. There is a 3-bedroom ranch style home with large living room, dining room, kitchen & family room & 1 ½ baths. There is a 2-cart attached garage and a detached shop building. This is a nice home that was built in 1979, it has approximately 1936 sq. ft. Great home for a handyman.

TRACT III: Combination of Tract I & II, selling whichever is greater.

OPEN HOUSE ON REAL ESTATE 5-6:30 PM, Wednesday, March 7, 2018 or by contacting Vern Gannon Broker/Auctioneer 785-770-0066 or 785-539-2316.
 Buyer to pay 10% down day of Auction with balance due on or before April 17, 2018. Taxes prorated to closing. All inspections including lead base paint inspection to be completed prior to Auction at Buyer's expense if requested. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION.**

2017 Cub Cadet riding lawn tractor purchased August 2017-used 5-6 times; Cub Cadet 108; Mig welder; acetylene torch/welder; Miller welder/generator; 36" commercial metal lathe; Stihl & other chain saws; lawn pull type sprayer; table saw; 2 floor model drill presses; air compressor; Craftsman tool chest; chain hoist; Cub Cadet gas weedeater; wheelbarrow; floor jacks; work benches; bench grinder; metal cabinets; hubcaps; grinding disc; auto parts; many hand tools; metal stack bookcase; 2 gas weedeaters; garden planter; milk crates; Coca-Cola racks; car & oil products; 6" bench grinder; heat gun; plumbing supplies; many hand tools. Tractor & Implement manuals; tractor & Collector books; welding helmet; platform scales; pipe wrenches; toolboxes; new in box 10" table saw; hammers; grinders; sawzall; weedeaters; gas & sad irons; garden tools; copper pipe; furniture dolly; electric tools; scales; ladders; old dinner bell; creeper; hardware of all types; cast iron implement seat; scythe; iron handled planter; bench with vise; heavy shelving; buckets; several tool chests; various shovels; pitch fork.

GUNS
 Winchester model 12-12ga shotgun; Winchester model 1897 12ga shotgun; Winchester model 94, 30-30; Winchester model 06-22 pump long rifle; Colt's PTFA mfg Colteer 4-22 long rifle; Savage 22-410; Jennings J-22 pistol; 2 BB guns.

TOYS
Wooden Salesman sample Clipper grain/seed & bean cleaner(very rare & near mint); One-Ninety XT AC pedal tractor & wagon; tin pedal tractor; JD 4010 with loader; Farmall F20 (Franklin Mint in case); 504 Farmall; 300 Farmall; 'A' Farmall; IH backhoe; Toy Farmer & other collector tractors; small scale toy tractors; JD pocketknives & ornaments; small collectible pieces; remote control 69 Pontiac GTO; glass '64 Mustang; Arnie's tractor (Arnold Palmer golf cart); china doll (damaged); JD salt & pepper set; McCormick Arcade cast iron tractor; mod-el gas engine; 2-bottomplow; Case 'L' tractor; McCormick F9; Super A; old cast iron wagon running gear; handmade side delivery/dump rake model for patent; binoculars. Full marble top Walnut dresser with beautiful mirror & glove boxes; Oak 5-drawer chest-of-

drawer with mirror; Oak drop-front secretary bookcase; Oak 4-drawer dresser with mirror; King brass bed; Oak leaded stain glass dropfront desk(partially refinished); cedar chest; sofa with Queen Ann legs; 2 side chairs; very nice Oak floor model crank phonograph & records; modern dining room suite with table, leaves, 4 chairs & china cabinet; end & stand tables; console stereo; painted chest; Oak carved rocker; highback curved headboard; deep freeze; sewing machine; computer desk; 2-drawer file cabinet; bookcase; wood office desk; camel saddle; granite top Oak cabinet base; Walnut curio shelf; antique wall & mantel clocks; washer & dryer; Refrigerator; records; wood tool chest; washboard; spurs; Coleman light; folding chairs; BBQ; metal lawn chair; globe; brass longhorn skull; bottles; tins; cannon cigarette lighter; speakers; CB radio & 8-track equipment; GE record player; mirror; thermoses; brief cases; tablecloths; picture frames; glassware; pots; pans; kitchen items; glass pie plates; stove popcorn popper; books; Coke case.

ANNOUNCEMENTS MADE DAY OF SALE TAKE PRECEDENCE OVER PRINTED MATTER.
SELLER: JAMES & JANICE CHAPUT

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AUCTION

SATURDAY, MARCH 17, 2018 — 9:35 AM
 1193 3400 Avenue — ABILENE, KANSAS • Lunch served!
 7 miles North of Abilene, 2 miles East, 4 miles North. WATCH FOR SIGNS!

1967 5020 JD tractor w/cab & duals, quad shift, 4782 hrs.; 1976 JD Turbo 7700 combine, hydrostat w/straw chopper, cab & air, 4546 hrs.; 1973 JD 7700 combine w/straw spreader, water cooler, hydrostat, 7815 hrs.; Spra-Coupe sprayer Model 230, 2632 hrs.; 16' JD header Model 100 Series; 15' JD header; JD flex head Model 216; (2) 24' JD headers; (2) 1981 Freightliner tandem axle semi tractors, 9 spd. trans., 300 Cummins motors; 2 Neville 40' grain trailers, tandem axle; 1975 22' GMC grain truck, tandem axle, 366 gas motor w/air brakes, 5 gear 2 spd axle; Allis Chalmers WD45 tractor; 16' 3 pt. anhydrous applicator; 3 pt. Lilliston cultivator; 15.5' JD 3 pt. rotary hoe; 6 row 30" Model AT3-6 cultivator; 2 flair floe sided 100 bu. trailers; Easy Flo Model 220 grain bin on tandem axle trailer; IHC Model 62 grain drill; 24-7.5 double disc openers; International drill; 16-8 single disc openers; Case Model 900 Cyclo

Air 6 row 30" planter w/insecticide boxes, liquid fertilizer monitors; 18' Krause 3 pt. ripper, 3 sets of pts; 18' Miller offset disc; 30' Rhino Model 800 field cultivator; 25' Krause Model 907 tandem disc; Oliver semi mount 6-16 plow; IHC semi mount 6-16 plow; M&M 16' tandem disc; 15' fiberglass boat w/trailer, 65 hrs Mercury motor; 14' aluminum boat on trailer; 15' fiberglass boat; (4) 1020 tires on Bud rims; cycles; 1 hay rack load of small parts and miscellaneous.

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AUCTION

SUNDAY, MARCH 18, 2018 — 11:00 AM
 5410 SE STANLEY ROAD — TECUMSEH, KANSAS
REAL ESTATE (SELLS APPROXIMATELY 12:30 PM)

2017 Cub Cadet riding lawn tractor purchased August 2017-used 5-6 times; Cub Cadet 108; Mig welder; acetylene torch/welder; Miller welder/generator; 36" commercial metal lathe; Stihl & other chain saws; lawn pull type sprayer; table saw; 2 floor model drill presses; air compressor; Craftsman tool chest; chain hoist; Cub Cadet gas weedeater; wheelbarrow; floor jacks; work benches; bench grinder; metal cabinets; hubcaps; grinding disc; auto parts; many hand tools; metal stack bookcase; 2 gas weedeaters; garden planter; milk crates; Coca-Cola racks; car & oil products; 6" bench grinder; heat gun; plumbing supplies; many hand tools. Tractor & Implement manuals; tractor & Collector books; welding helmet; platform scales; pipe wrenches; toolboxes; new in box 10" table saw; hammers; grinders; sawzall; weedeaters; gas & sad irons; garden tools; copper pipe; furniture dolly; electric tools; scales; ladders; old dinner bell; creeper; hardware of all types; cast iron implement seat; scythe; iron handled planter; bench with vise; heavy shelving; buckets; several tool chests; various shovels; pitch fork.

GUNS
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TOYS
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K-State convenes meeting for top researchers of sustainable food systems

Kansas State University was founded as an agricultural powerhouse serving the needs of food producers. Today, in a complex and globally connected agriculture ecosystem, K-State leads the way in improving food production and local economies in Kansas, the U.S., and developing countries around the world by helping to solve the myriad of problems that beset farming communities.

K-State's Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL) held its annual meeting with research partners and funding recipients Jan. 8-9 in Phnom Penh, Cambodia. Participants presented their research on sustainable agriculture projects in seven developing nations: Bangladesh, Burkina Faso, Cambodia, Ethiopia, Malawi, Senegal and Tanzania.

The SIIL is funded by the United States Agency for International Development (USAID) as part of Feed the Future, the U.S. government's global hunger and food security initiative. It brings together more than 100 scholars from 40 different organizations, including 12 universities in the U.S., to collaborate and work together to address the grand challenge of increasing food production to meet the demand of growing populations.

The theme of this year's SIIL meeting was "innovate, collaborate and communicate," highlighting the use of systems approaches, leveraging partnerships and knowledge management.

"Our activities aren't just about crop production, although that's certainly part of the equation," said Vara Prasad, Kansas State University Distinguished Professor and director of the SIIL. "Our research takes a holistic, systems approach to the variety of factors that affect farmers' ability to produce a stable food supply over a long period of

time, while protecting the environment."

A systems approach can solve critical problems for farmers and lead to stronger commodity prices, better nutrition for children, and higher standards of living.

"Most of the time we work at different levels," Prasad said. "We have some research which is at the plot level, some at the household level, some at the community level, some even at the larger scales of landscapes, across regions and countries."

He said a systems-based perspective helps researchers solve complex problems by considering all the factors that lead to the success — or failure — of agricultural innovations.

Members of USAID, other innovation labs, affiliated international research institutes and the SIIL External Advisory Board attended the gathering in Cambodia. Discussion and presentations centered on innovations being developed by the projects, partnerships between research entities and other national and international organizations, and ways the SIIL can share its findings to better help people in developing countries.

Each project has a unique research focus and set of collaborating organizations, such as

other innovation labs, international research institutes, and universities in the U.S. and in the target countries.

"The biggest strength of the innovation labs at K-State is the network of scientists, farmer groups, policy makers and organizations they bring together, which allows them to collaborate and leverage partnerships with each other," said Nina Lilja, associate dean for international agriculture programs in Kansas State University's College of Agriculture.

One of the major issues agricultural researchers face is how to encourage farmers to adopt innovations that can lead to real improvements in income, nutrition and livelihood. This issue inspired a cooperation agreement among the SIIL, the Peace Corps in Senegal, and the Senegalese Institute of Agricultural Research.

"Peace Corps volunteers are already living in the communities, are building relationships with farmers, and are well positioned to understand what might lead a farmer to adopt new practices or not," said Jan Middendorf, associate director of the SIIL.

Another way to encourage farmers to adopt new practices is to work alongside them to develop innovations and showcase

them in technology parks and learning hubs.

Technology parks are full-scale educational demonstrations of new farming techniques for smallholder farmers, five of which are showcased in Cambodia by the Center for Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN). Researchers across the globe and students at Cambodia's Royal University of Agriculture use the technology parks to conduct research and carry out projects for the benefit of their communities.

Getting university students involved helps the SIIL-funded researchers accomplish their goal of building capacity and increasing the ability of educational institutions in the target countries to carry out their own research projects. Many of the projects require collaboration between U.S. university researchers and faculty and students in the target countries.

"That's the strength of the U.S. universities," Prasad said. "We do good research, we educate and train scholars, we disseminate knowledge, and we build human resources and institutional capacity."

Gary Pierzynski, Kansas State University Distinguished Professor and head of the Department of

Agronomy, said, "The annual meeting was a great opportunity to have collaborators from around the world gather to discuss their progress and plan our future. The collective body of work from the SIIL is impressive."

At the end of the two days of meetings, many of the attendees stayed in Phnom Penh to attend the First International Sustainable Agricultural Intensification and Nu-

trition Conference at the Royal University of Agriculture. As part of the conference, attendees visited four of the five technology parks run by CE SAIN, which was established by the SIIL with funding from USAID Cambodia.

To learn more about the SIIL, visit www.k-state.edu/siil/ and follow the lab on social media:

- Twitter: @SIIL_KSU
- Facebook: /SIILKSU
- Instagram: @SIIL_KSU

320± Acres of KIOWA COUNTY LAND

AUCTION

MONDAY, MARCH 19, 2018 — 1:30 PM
Sale Site: Hamm Auction Center, 107 NE SR 61, Pratt KS.

Owners: Effie A. Johnson Heirs

Land Located: Hwy. 183 & 54, 13.4 miles South to "W" Road, then 1 1/2 mi. East, 1 mi. South & 1/2 mi. East.

Tract 1 will sell at 1:30 pm

Legal Description: NW4 of 34-30-18 Kiowa Co. KS. Surface Rights Only.
Land Description: Pasture, Grass, windmill. 154 +/- acres.
Earnest Money on Tract 1: \$10,000.00 Down Day of Sale. Balance at Closing.
Title Ins: 50% Buyer; 50% Seller; **Escrow Agent Closing Fee:** 50% Buyer; 50% Seller; **Title Company:** Pratt County Abstract; **Closing:** On or Before April 19th, 2018; **Possession:** On Closing; **Taxes:** Prorated to Day of Closing.

Tract 2 Mineral Interest Sells Immediately after Tract 1

Legal Description: NW 4 of 34-30-18 Kiowa Co. KS.
Earnest Money on Tract 2: \$1,000.00 (Currently has Production).
Mineral Title Opinion: Split 50% Buyer, 50% Seller; **Closing:** on or Before April 19th, 2018; **Taxes:** Prorated to Day of Closing.

Tract 3 Legal Description: SW4 of 27-30-18 Kiowa Co. KS.
Surface Rights Only.
Land Description: Pasture, Grass windmill. 156 +/- acres.
Earnest Money on Tract 3: \$10,000.00 Down Day of Sale. Balance at Closing.
Title Ins: 50% Buyer; 50% Seller; **Escrow Agent Closing Fee:** 50% Buyer; 50% Seller; **Title Company:** Pratt County Abstract; **Closing:** On or Before April 19th, 2018; **Possession:** On Closing; **Taxes:** Prorated to Day of Closing.

Tract 4 Mineral Interest Sells Immediately after Tract 3:

Legal Description: SW4 of 27-30-18 Kiowa Co. KS.
Earnest Money on Tract 4: \$1,000.00
Mineral Title Opinion: Split 50% Buyer 50% Seller; **Closing:** On or Before April 19th, 2018; **Taxes:** Prorated to Day of Closing;
Full Sale Bill Online at www.hammauction.com

John Hamm/Auctioneer
620-450-7481
107 NE State Road 61, Pratt, KS 67124
www.hammauction.com

Announcements made Day of Sale take precedence over any internet, faxed, digital or printed materials.

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YOUR Business ON

2018 Auction Schedule

| DATE | AUCTION | LOCATION | CONSIGNMENT DEADLINE |
|-------------------|----------------------------|--|----------------------|
| MARCH 8 | VIDEO AUCTION | FORT WORTH, TX | FEBRUARY 26 |
| MARCH 15 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | MARCH 13 |
| MARCH 22 | VIDEO AUCTION | FORT WORTH, TX | MARCH 12 |
| MARCH 29 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | MARCH 27 |
| APRIL 5 | VIDEO AUCTION | FORT WORTH, TX | MARCH 26 |
| APRIL 12 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | MARCH 10 |
| APRIL 19-20 | GULF COAST CLASSIC | NATCHITOCHE, LA | APRIL 9 |
| APRIL 26 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | APRIL 24 |
| MAY 3 | VIDEO AUCTION | FORT WORTH, TX | APRIL 23 |
| MAY 10 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | MAY 8 |
| MAY 17 | VIDEO AUCTION | FORT WORTH, TX | MAY 7 |
| MAY 24 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | MAY 22 |
| MAY 31 | VIDEO AUCTION | FORT WORTH, TX | MAY 21 |
| JUNE 7 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | JUNE 5 |
| JUNE 13 & 14 | CORN BELT CLASSIC | COUNCIL BLUFFS, IA | MAY 30 |
| JUNE 21 | TALLGRASS YEARLING AUCTION | EMPORIA, KS | JUNE 18 |
| JUNE 27-28 | BIG SKY ROUNDUP | BILLINGS, MT | JUNE 15 |
| JULY 9-13 | WEEK IN THE ROCKIES | BRECKENRIDGE, CO | JUNE 16 |
| JULY 19 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | JULY 17 |
| JULY 26 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | JULY 24 |
| JULY 30- AUGUST 3 | VIDEO ROYALE | WINNEMUCCA, NV | JULY 14 |
| AUGUST 9 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | AUGUST 7 |
| AUGUST 16 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | AUGUST 14 |
| AUGUST 20-24 | BIGHORN CLASSIC | SHERIDAN, WY | AUGUST 4 |
| AUGUST 30 | WEEKLY VIDEO AUCTION | SUPERIORCLICKTOBID.COM | AUGUST 28 |

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ESTATE AUCTION

FARM MACHINERY, VEHICLES, TOOLS & HOUSEHOLD

SATURDAY, MARCH 24, 2018 — 10:00 AM *★Lunch on the Grounds!*

Auction located from the Jcts of Hwy. 24 & Hwy. 13 North of Manhattan, take Hwy 13 East and North 10.3 miles on the West side, OR East of Olsburg, KS on Hwy. 16 to the Jct of Hwy. 16 & Hwy. 13, South 3.3 miles on the West side to 13850 Hwy. 13, WESTMORELAND, KS

SALE ORDER: Household & shop misc. will sell with 2 WINGS at 10 AM
 Followed by tools, vehicles & equipment.

VEHICLES, TRAILERS & 4-WHEELER

2000 Chevrolet Impala 4-door car, 179,932 miles with power seats and windows, always in garage; 2005 Dodge Ram 3500, 4x4, 4-door pickup with Cummins Turbo diesel motor, 188,067 miles, good tires, new batteries, running boards, gooseneck hitch, good truck; Terry Resort by Fleetwood tandem axle 23' gooseneck travel trailer with 2 doors, cookstove, bath, Coleman AC, roll out awning, looks good, shedded; 2003 Travalong Stock 24' steel stock trailer with 63" front compartment then 2-9' compartments, 1 slider gate, heavy ribbed rubber floor in back, LED inside and out lights, a very good trailer; 1996 Pro-Stock 16' bumper hitch stock trailer, used very little, very good; 5'x8' all metal 2-wheel utility trailer with fold down ramp; 8'x14' 4-wheel hay trailer, shedded; 8'x20' tandem axle bumper hitch trailer, needs floor; 4'x6' all metal utility trailer; Yamaha Grizzly 4x4 4-wheeler, 840 hrs., 5111 miles, very good tires, front winch, front and rear rack, plus tool box, good shape.

TRACTOR & MACHINERY

2014 Case IH Puma 130 tractor with 1920 hrs., AC cab, power-shift, front wheel assist, 480/80 R42 tires, triple outlets, 3 rear weights, very good shape, sells with Case-IH L765 loader, joy stick control with 96" bucket with grapple brackets; Case-IH heavy duty grapple fork; 7' New Holland heavy duty brush grapple with claws and skid loader mount; heavy duty Euro loader mount to skid loader mount adapter; 4 tooth loader bale spear with un-roller; 3 pt. 2 bale 4 tooth bale spear; pair of clamp-on 480.80 R42 duals, very good with binder clamps; set of Category 3 3 pt. links for Puma tractor; 2014 New Holland BR7060 big round bale, SN YDN180615, net wrap or string tie, Bale Command Plus monitor, Xtra sweep, wide pickup, 5,207 bales makes 4'x5' bales, always shedded, very good; New Holland 499 haybine 12' swather, SN 666751, good shape; 2011 New Holland Model H5920B 10-wheel carted hay rake; International 1100 9' pull type mower; Case IH 800 Category 3 3 pt. 12 row 30" planter with row cleaner openers; Crust-buster 3400 DD 45X8 no-till drill, seed only; Great Bend GB660 loader with 7' bucket and IHC 1206 mountings plus another set of loader brackets, 2 point bale forks with fold up platform for 660 loader; Case IH No. 10 5-7 shank V ripper with gauge

wheels; heavy duty John Deere 12' plow disc with cone blades, good; Kewanee 20' wheel disc; IHC 10' wheel disc; IHC 4500 24' vibrashank with walking tandems and 2 bar tine harrow; IHC 4500 24' vibrashank, salvage; John Deere 10' hyd-raise dozer blade with manual angle and John Deere and IHC mountings; 8' pull type box blade; Rhino 8' 3 pt. blade; E-Z Trail gravity box on 6 bolt wheels, good; Farmhand 6'x14' No. 450 PTO manure spreader with tandem axles; large 2 high wheel sprayer with 750 gal. stainless tank with 60' booms and hyd. drive pump; RHS 3 pt. boom sprayer with 200 gal. poly tank; 3 pt. bale un-roller; 3 pt. 2 spear bale mover; Rhino 3 pt. post hole digger with 9" and 14" augers with extension; 18.4x38 axle mount duals; 2 pair of older IHC rear weights; large cast iron weight; Bush Hog 6' 3 pt. rotary mower; IHC 550 5x16" steerable plow; IHC 510 4x18" steerable plow; Case 3x16" steerable plow; John Deere 3-section drag harrow; New Holland 4-wheel steel bed grain wagon with hoist; dump rake; salvage Kewanee disc, mostly frame; IHC semi mount mower salvage parts.

LIVESTOCK EQUIPMENT

2 shop built hay saver bale feeders; 5 round bale feeders; 4 calf poly bottom feed bunks; 4 bigger poly bottom feed bunks; 6 good mineral feeders; poly and a galvanized small water tank; creep feeder made from hog feeder, on wheels, good; 2 good Pax hog feeders; several wire cattle and hog panels; (2) 10' metal gates; (18) 16' pipe frame with wire cattle panel portable gates, good; several 16' metal hog gates; (3) 16' metal panels; (2) 12' panels and (1) 6' walk-through gate.

WELDERS & SHOP ITEMS

Miller Bobcat generator welder, 78 hrs., like new; Miller Matc-ic 185 CV-DC welding power source/wire feeder wire welder on cart C-25 bottle for wire welder, full; Miller Sidekick wire feed welder on cart; acetylene torch and cart with bottles; Case IH Model X117S08 1250 PSI power washer; Sears Craftsman 10" 3hp table saw; Lincoln 12V grease gun; DeWalt 18V tool set; DeWalt 1/2" 18V impact wrench; MasterForce 18V tools; tool cart; shop light; 2 aluminum extension ladders; 6' and 8' Werner fiberglass step ladders; heavy duty tree loppers; assorted small chains; 5 gal. Maxtron Cenex synthetic oil; (10) 5 gal. buckets of Case IH HyTran Ultra oil; approx. 40 gal. plus of 2 cycle outboard boat motor

oil in drum with hand oil pump; Tippman propane gas powered post driver, like new; Stihl HT131 pole saw; Stihl FS110 weed-eater or brush saw; Stihl MS171 and MS250 chain saws; 2 older Homelite chain saws; 2 older post vises; wheelbarrow.

MOWERS & MISC.

EZ-Guide 250 guidance system; Land Pride ZSR Razor 54" zero turn mower, good; older IHC Cub Cadet 1450 hydrostatic lawn mower with 42" cut and snow blade; 2 antique push rotary lawn mowers; pull type lawn spreader; Brinkley one bottom plow; HD 1200 pull type dump bed lawn trailer with poly bed; 4-wheeler sprayer with gun and booms; 1000 gal. fuel tank with electric pump; 300 gal. fuel barrel with stand; 3 pairs of aluminum 4-wheeler ramps; electric ATV grass and small seed seeder, good; new bottom seat for IHC 06 model tractors; 4-wheel Gorilla Cart hand pull wagon; RHS foam marker; 4 used and 1 new 29'x48' hay tarps, mostly good; small aeration tube fan; 14'x4' auger with electric motor; cattle hip lift plus vet supplies; 3 solar Parmak Solar Pak 6 solar fencers; pallet of rake wheels with teeth; 3 old iron wheels; pallet of implement tires and wheels; several hyd. cylinders; 3 sets of 2 point to 3 point adapters; electric fence posts; assorted used steel posts; pile of pallet racking material.

NEW & USED IRON & PIPE

3 large bundles of 1"x10' of galvanized pipe with plastic coating; some 1 1/4" and 2" of the same; large bundle of 2 3/8" pipe 24' long; (2) 2"x4"x24' tubing; big bundle of 1 5/8" heavy wall 20' pipe; big bundle of 1 7/8"x24' pipe; pile of 2"x20' heavy wall pipe; (6) 4"x4"x20' heavy tubing; 3/8"x4" flat iron 20' long; 10 sticks of 3/4" rod; several piles of assorted iron and pipe.

HOUSEHOLD ITEMS

KitchenAid refrigerator; Estate 4-burner electric cookstove; Kenmore smaller chest type deep freezer; Maytag washer and electric dryer; Amana microwave; assorted kitchenwares; 36" flat screen TV; nice entertainment center; 2 rocker recliners; reclining love seat; assorted end tables; wooden barrel keg; bookcase dresser; 4-drawer chest; 6-drawer dresser with mirror and matching twin bed; 4-drawer chest; propane dark wood finish fireplace; computer table; MPEX weight machine; Total Gym exercise machine; 4 high chair swivel chairs; metal glider; 4 patio and small table metal patio set; old metal lawn chair.

SELLER: LOREN DETERS ESTATE

For more information or viewing please call Sylvester Schmitz, 785-294-0908
 Items may be viewed starting March 19 through sale date.

TERMS: Cash or Valid Check. Not Responsible for Accidents or Theft. Statements made sale day take precedence over printed material.

Auction Conducted By: **CLINE REALTY & AUCTION, LLC**
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Kansas Cattle on Feed up 5 percent

Kansas feedlots, with capacities of 1,000 or more head, contained 2.32 million cattle on feed on February 1, according to the USDA's National Agricultural Statistics Service. This inventory was up 5 percent from last year.

Placements during January totaled 480,000 head, unchanged from 2017. Fed cattle marketings for the month of January totaled 435,000 head, up 1 percent from last year. Other disappearance during January totaled 15,000 head, up 5,000 head from last year.

Still time to be counted in the 2017 Census of Agriculture; NASS to follow up with producers who have not yet responded

Farmers and ranchers still have time to be counted in the 2017 Census of Agriculture, according to the U.S. Department of Agriculture's (USDA) National Agricultural Statistics Service (NASS). Although the first deadline has just passed, NASS will continue to accept Census information through the spring to get a complete and accurate picture of American agriculture that represents all farmers and ranchers.

"We thank everyone who has completed their Census to date. We currently have a return rate of just over 40 percent of the three million Census questionnaires mailed last fall," said NASS administrator Hubert Hamer. "A lot is at stake if producers are not represented in this data. Census data have and will continue to influence important decisions for American agriculture. The data will affect every operation and every farming community at some point, whether it be through farm policy, disaster relief, insurance or loan programs, infrastructure improvements, or agribusiness setup. There is accuracy and strength in numbers, which is why NASS is committed to giving producers every opportunity to respond."

Federal law mandates that everyone who received the 2017 Census of Agriculture questionnaire complete it and return it even if not currently farming. NASS will continue to follow-up with producers through the spring with mailings, phone calls, and personal visits. To avoid these additional contacts, farmers and ranchers are encouraged to either complete their Census online at www.agcounts.usda.gov or by mail as soon as possible. Responding online saves time by skipping sections that do not apply and automatically calculating totals. The online questionnaire is accessible on desktops, laptops, and mobile devices.

For more information about the 2017 Census of Agriculture, visit www.agcounts.usda.gov. For questions or assistance filling out the Census, call toll-free (888) 424-7828.

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Kansas milk production up three percent

Milk production in Kansas during January 2018 totaled 302 million pounds, up 3 percent from January 2017, according to the USDA's National Agricultural Statistics Service. The average number of milk cows was 153,000 head, 2,000 head more than January 2017. Milk production per cow averaged 1,975 pounds.

"Where Success is built on Solid, Proven Foundations"



Wed., March 14, 2018 • 11:00 am

Held in conjunction with special cow sale at Manhattan Commission Co., Manhattan, KS

SELLING: 15 18 mo. old Angus & SimAngus bulls.

15 Fancy homeraised bred heifers, ultrasound preg checked to start calving late August.

15 reputation gentle, open replacement heifers, Angus and F1 BWF.

SELLING STOUT, SERVICE AGED BULLS Sired BY:

BASIN PAYWEIGHT 1682 • RITO 707 OF IDEAL 3407 7075 • SAV RENOWN • SAV REGARD • BC BALANCE • RED ANGUS BULLS BY: RED GEIS PRIME RIB

Sons of these Breed Leading Sires & Dams Sell!



SAV RENOWN



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BASIN PAYWEIGHT



RED GEIS REBECCA 99'99

Selling 4 ET full brothers by this power cow sired by Red Geis Prime Rib

For further inquiries or additional information, please contact:

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www.clinecattlecompany.com



Randy, right, and Varea McCabe, left, Elk City, received the Honorary Member Award at the 2018 Kansas Angus Association Annual Meeting and Banquet, Jan. 20 in Lawrence.

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Taylor Nikkel, Maple Hill, right, received her Bronze and Silver Awards at the 2018 Kansas Angus Association Annual Meeting and Banquet, Jan. 20 in Lawrence. Pictured presenting the awards is Jeff Mafi, American Angus Association regional manager. The Bronze and Silver Awards are the first two levels of the National Junior Angus Association Recognition Program. Juniors must apply for the awards and then meet point requirements in many areas of participation before receiving them.

C-BAR ANNUAL BULL SALE

MONDAY | MARCH 12, 2018 | 1 PM | BROWNELL, KS



Featuring Two Time National Champion C Bar Blake's Bonanza 180C

SELLING AS LOT 1
2017 and 2018 National Champion Red Angus Bull
Offering 1/2 Semen Interest and Full Possession



305E | An Evolution son that has "The Look"! Big hiped, soggy bodied, sound built herd sire prospect that is backed by a tremendous cow family!



126E | 5L INDEPENDENCE x ABIGRACE T715 | This stout made, powerhouse is full brother to Lot 216, a highlight in the 2017 female sale.



C-BAR RED ANGUS
STEVE & CYNTHIA MAIER
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BROWNELL, KS

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FLAT IRON Angus

ANNUAL PRODUCTION SALE
 March 11th, 2018 • 1:30 pm • Haddam, KS
 Ranch Headquarters • 522 17th Rd Haddam, KS • Right off Highway 36

Offering

- Yearling Registered Angus Bulls
- Sired by Baldridge Compass C013, Baldridge Xceed X712, MAR Innovation
- 2 Year Old Registered Angus Bulls
- Sired by Baldridge Xceed X712, SAV Angus Valley, Connely Impression
- 18 Month Old Sim-Angus Bulls
- Sired by Una Mas, Optimizer, Revolution
- 40+ virgin yearling heifers highly maternal and easy fleshing
- Fancy Angus heifer pairs with calves sired by Baldridge Compass C013

Cattle will be available for viewing at the ranch on Sale Day!

Video Auction by: **LiveAuctionsTV**

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CATALOG AND VIDEOS AVAILABLE ONLINE AT www.FLATIRONANGUS.com

58th Beef Quality Day scheduled for Saturday, April 14 in Marysville

The 58th Annual Quality Beef Day will be held on Saturday, April 14, at Hedstrom Hall in Marysville. Check-in will begin at 8 a.m., livestock judging at 9 a.m., and the beef show

will begin at 10 a.m. There is no entry fee or pre-entries required. The Quality Beef Day committee would like to thank all the local businesses that sponsor the awards. Rules and entry forms can be

found at www.marshall.ksu.edu/quality-beef-day. For more information about Quality Beef Day, contact the Marshall County Extension Office at (785) 562-3531, or e-mail at anastasia@ksu.edu.

Young Farmers & Ranchers prepare for their future

Farmers and ranchers from across Kansas gathered in Manhattan Jan. 26-28 for the annual Young Farmers and Ranchers (YF&R) leaders conference. Nearly 550 people attended the three-day Kansas Farm Bureau (KFB) conference designed to build relationships and provide information and tools to help young producers weather the challenges of difficult years in agriculture. The conference provided young ag producers and college students between the ages of 18-35 with agricultural education, motivational speakers and opportunities to connect with industry resources and network with peers. Representatives from The Van Trump Report, and Kelly Barnes, an entrepreneur and inspirational speaker, gave keynote addresses. The attendees heard from Sen. Jerry Moran; AFBF president Zippy Duvall; former AFBF YF&R Chair Kalena Bruce; KFB president Rich Felts; and received a policy update from KFB's Ryan Flickner. Scholarship winners from the Kansas Farm Bureau Foundation for Agriculture were recognized. State committee members from each of the 10 Kansas Farm Bureau districts planned and hosted the Ad Astra Per Aspera-themed conference including workshops, speakers, tours and competitions. The YF&R state committee played an integral part in making this year's conference a success. Pottawatomie County farmer John White serves on the YF&R committee and says the conference was full of presenters who were insightful and provided a wealth of knowledge to a group of young agriculture producers. "The conference provides an opportunity to network with like-minded individuals facing the same issues," White says. "Young agriculturists can bounce ideas off each other and hear about what works on some operations, and maybe some ideas that were epic fails. "At the very least, it puts you in a room with 500 other producers who are going through some of the same issues you are, and it reminds you, you are not alone." Winners of the conference competitions included: Ag Quiz Bowl - Kansas State University Collegiate Discussion Meet - Jacob Brubaker, Fort Hays State University Excellence in Agriculture - Matt and Mindy Young, Atchison County YF&R Discussion Meet - Jackie Mundt, Pratt County YF&R of the Year - Mike and Sara Rosebrook, Lincoln County Young farmers and ranchers from 82 counties participated in this year's event.

SIMMENTAL | ANGUS | SIMANGUS™ **LiveAuctions.TV**

Friday - March 16th - 1 PM @ The Ranch

22nd Annual Production Sale | Selling 100 Bulls & 50 Heifers

| | |
|--|--|
| <p>PB SM - 18 mo Old</p> <p>D6101 CE 14 BW 1.8 WW 93 YW 140 API 154 TI 96</p> <p>SimAngus™</p> <p>E743 CE 7 BW 2.2 WW 89 YW 142 API 132 TI 84</p> <p>Purebred AN</p> <p>775E CE 8 BW 1.5 WW 73 YW 129 \$W 78 \$B 144</p> <p>SimAngus™</p> <p>E704 CE 17 BW -3.3 WW 70 YW 114 API 159 TI 90</p> | <p>SimAngus™ - 18 mo old</p> <p>D6107 CE 11 BW 1.5 WW 88 YW 141 API 150 TI 91</p> <p>SimAngus™</p> <p>E714 CE 14 BW -0.2 WW 73 YW 121 API 132 TI 77</p> <p>Purebred AN</p> <p>768E CE 14 BW -1.4 WW 61 YW 133 \$W 58 \$B 157</p> <p>SimAngus™ - Heifer</p> <p>E06 CE 16 BW -1.0 WW 75 YW 119 API 152 TI 87</p> |
|--|--|

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State committee members from each of the 10 Kansas Farm Bureau districts planned and hosted the Ad Astra Per Aspera-themed conference including workshops, speakers, tours and competitions. The YF&R state committee played an integral part in making this year's conference a success. Pottawatomie County farmer John White serves on the YF&R committee and says the conference was full of presenters who were insightful and provided a wealth of knowledge to a group of young agriculture producers. "The conference provides an opportunity to network with like-minded individuals facing the same issues," White says. "Young agriculturists can bounce ideas off each other and hear about what works on some operations, and maybe some ideas that were epic fails. "At the very least, it puts you in a room with 500 other producers who are going through some of the same issues you are, and it reminds you, you are not alone." Winners of the conference competitions included: Ag Quiz Bowl - Kansas State University Collegiate Discussion Meet - Jacob Brubaker, Fort Hays State University Excellence in Agriculture - Matt and Mindy Young, Atchison County YF&R Discussion Meet - Jackie Mundt, Pratt County YF&R of the Year - Mike and Sara Rosebrook, Lincoln County Young farmers and ranchers from 82 counties participated in this year's event.

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Sell Or Buy **Cattle** By Auction **STARTING TIME 10:30 AM** **Tuesdays**

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|--|---|--|--|---|--|
| <p>We sold 2397 cattle February 27. We had a very good run of high quality cattle. Steer and heifer calves sold steady to \$5.00 higher. Feeder steers and heifers were steady to \$3.00 lower. Cows and bulls were \$3.00-5.00 higher.</p> | | <p>7 blk/wf hfrs 491 @ 160.00 5 x-bred hfrs 547 @ 158.00 6 blk hfrs 489 @ 157.00 7 blk hfrs 481 @ 156.00</p> | <p>11 wf hfrs 842 @ 130.50 11 blk hfrs 870 @ 130.25</p> | <p>BRED COWS & HEIFERS</p> <p>1 blk cow @ 1400.00 3 red cows @ 1260.00 1 blk cow @ 1250.00 1 bwf hfr @ 1150.00 1 bwf cow @ 1100.00 1 red cow @ 1060.00 1 bwf cow @ 1025.00 1 shrtm cow @ 975.00 1 red cow @ 925.00 1 sim cow @ 900.00 1 blk cow @ 900.00</p> | <p>COW/CALF PAIRS</p> <p>3 blk cows/cvs @ 1575.00 1 blk cow/cf @ 1375.00 1 blk cow/cf @ 1350.00 1 blk cow/cf @ 1135.00</p> |
| <p>STEER CALVES</p> <p>4 blk/bwf str 430 @ 210.00 2 blk str 445 @ 206.00 5 blk/bwf str 458 @ 201.00 16 blk/bwf str 543 @ 201.00 2 blk str 398 @ 197.00 4 red str 405 @ 193.00 27 mix str 532 @ 192.00 2 blk str 313 @ 190.00 14 blk str 520 @ 189.25 4 blk str 516 @ 188.50 5 x-bred str 481 @ 186.00 2 bwf str 538 @ 185.00</p> | <p>23 blk/bwf str 702 @ 161.50 5 blk/bwf str 682 @ 161.00 23 blk/bwf str 734 @ 158.75 5 blk/bwf str 691 @ 155.50 10 blk str 729 @ 155.00 29 blk/sim str 744 @ 152.00 12 blk/red str 633 @ 150.00 47 blk str 807 @ 148.75 40 x-bred str 810 @ 148.75 9 blk str 802 @ 146.00 8 blk/red str 833 @ 144.00 62 blk/red str 851 @ 142.00 61 blk str 865 @ 140.75 40 mix str 813 @ 139.50 18 blk str 911 @ 138.75 61 blk/red str 889 @ 138.50 11 blk str 902 @ 137.50 62 blk/bwf str 916 @ 136.50 62 blk/char str 919 @ 136.25 61 blk str 891 @ 135.75 49 blk/char str 830 @ 135.00 15 blk str 993 @ 132.25 60 mix str 979 @ 130.25 60 mix str 1002 @ 130.00</p> | <p>STOCKER & FEEDER HEIFERS</p> <p>8 blk hfrs 551 @ 161.00 4 blk hfrs 561 @ 157.00 11 blk hfrs 581 @ 154.00 24 blk hfrs 581 @ 154.00 35 blk/bwf hfrs 613 @ 151.75 5 blk hfrs 550 @ 150.00 6 blk hfrs 585 @ 149.00 8 blk/char hfrs 628 @ 147.00 12 blk hfrs 646 @ 146.50 15 blk hfrs 654 @ 146.25 6 blk hfrs 551 @ 145.00 34 wf/bwf hfrs 568 @ 145.00 51 mix hfrs 592 @ 144.50 6 blk hfrs 682 @ 144.00 7 red hfrs 678 @ 143.00 28 red hfrs 716 @ 141.75 140 blk/bwf hfrs 724 @ 141.50 24 blk hfrs 604 @ 140.50 11 blk/char hfrs 652 @ 139.00 17 blk/char hfrs 723 @ 137.50 29 blk hfrs 775 @ 136.00 11 blk hfrs 730 @ 135.00 8 blk/red hfrs 861 @ 134.75 66 blk/red hfrs 845 @ 133.75 65 blk/bwf hfrs 844 @ 131.85 63 mix hfrs 866 @ 131.75</p> | <p>1 blk hfrt 985 @ 114.00 2 bwf hfrt 1095 @ 113.00 1 blk hfrt 1140 @ 111.00 1 blk hfrt 1095 @ 110.00 1 blk hfrt 1185 @ 108.00 1 red hfrt 855 @ 105.00 1 blk hfrt 1310 @ 89.00 1 blk hfrt 975 @ 77.00 1 red cow 1510 @ 75.00 1 limo cow 1615 @ 74.50 1 blk cow 1455 @ 74.00 1 blk cow 1680 @ 72.50 1 bwf cow 1580 @ 72.00 1 blk cow 1565 @ 71.50 1 limo cow 1460 @ 71.00 1 bwf cow 1540 @ 70.50 1 blk cow 1530 @ 70.00 1 red cow 1530 @ 69.50 1 blk cow 1390 @ 69.00 1 blk cow 1215 @ 68.50 1 sim cow 1535 @ 68.00 1 blk cow 1280 @ 66.50 1 blk cow 1225 @ 66.00 1 blk cow 1535 @ 65.00 1 red cow 1410 @ 63.50 1 blk cow 1235 @ 63.00 1 bwf cow 1235 @ 63.00 1 blk cow 1220 @ 62.50 1 blk cow 1450 @ 61.00 1 blk cow 1200 @ 60.00</p> | <p>BULLS</p> <p>1 wf bull 2330 @ 94.00 1 wf bull 2095 @ 90.50 1 red bull 1905 @ 90.00 1 blk bull 2220 @ 89.00</p> | |

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR MARCH 6:

- 80 Angus str & hfrs, 650-750 lbs., weaned, vacc.
- 90 blk str & hfrs, 700-750 lbs., weaned, vacc.
- 67 black heifers, 650-700 lbs.
- 65 black heifers, 750-775 lbs.
- 64 Angus steers, 750-800 lbs., weaned, vacc.
- 64 black Charolais steers, 825-850 lbs.
- 60 black heifers, 800-825 lbs.

CONSIGNMENTS FOR MARCH 13:

- 33 black steers & heifers, 700-800 lbs.

CONSIGNMENTS FOR MARCH 27:

- 250 blk str & hfrs, 500-700 lbs., homeraised, long time weaned, vaccinated
- 125 blk str & hfrs, 550-700 lbs., homeraised, long time weaned, vaccinated
- 300 blk str, 775-825 lbs., homeraised or locally bought, long time weaned, vaccinated

Above consignments are from Jerry & Mark McLaughlin

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:

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