Jeff Gill joins Tritica Biosciences as CEO

A familiar face has joined a new player in the Manhattan-area biotech research community. Jeff Gill is the new chief executive officer of Tritica Biosciences, joining founder and wheat scientist Dr. Chris Miller as the Manhattan-based bioscience company bolsters its portfolio of innovation for the grain milling industry.

Gill is well-known in Kansas as the founder of Tallgrass Brewing Company, which he grew from his garage into a regional craft brewery and downtown Manhattan brewpub. However, Gill also has an extensive scientific background, earning a bachelor's degree in geology from Kansas State University and a master's degree in geology from the University of Oklahoma. Prior to his entrepreneurial endeavors, he worked in environmental geology positions with the Kansas

Since 1954

Department of Health and innovation pipeline. Environment and Kleinfelder.

"Jeff's experience is what Tritica needs now." said Miller, who began his career in the milling industry before joining Kansas State University's Department of Grain Science and Industry and founding Tritica Biosciences in April 2017. "Utilizing business experience rooted in science and manufacturing, Jeff will advance Tritica's trajectory forward as interest in our work continues to grow."

The bioscience company focuses on innovation that emerges at the intersection of biochemistry and grain milling. Since the company's founding in April 2017, Tritica has been an innovation collaborator with Ardent Mills, North America's leading flour supplier and grain innovator, by helping to develop technology in their

Place your

classified ad

"We have worked with Tritica Biosciences for over a year and they are a trusted collaborator for creative innovations in a variety of areas important to Ardent Mills," said Kent Juliot, vice president of research, quality, and tech services for Ardent Mills.

Tritica aims to expand their innovation platform alongside their industry partners with the goal of becoming an incubator for other leading edge, biotech-focused research.

"What Chris has started at Tritica is further proof of the success and innovation being fostered here in Manhattan, Kansas," Gill said. "We want to continue to attract and nurture scientists with great ideas and help them bring those ideas to market in this exciting environment."

Grass	s & Grain	We	ather		<i>,</i>	November	· · ·	• ov. 1	4 7	2018
	Day Forecast			ocal Fore		To	day's Lo			
N.	WEDNESDAY Sunny High: 48 Low: 32	humidity The reco Expect r low of 1	of 55%. So ord high for to nostly clear s 32°. South so	nny skies, hig outh wind 6 to oday is 75° se skies tonight, outhwest win hight could rea	o 10 mph. t in 1964. overnight d 9 mph.	Washington 48/37		lue Rapid 7/33 🍽	s 4	neca 5/34 •
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and a second	Cloudy High: 59 Low: 43	First 11/15	AL AL	Day Wednesday Thursday	<u>Sunrise</u> 7:08 a.m. 7:09 a.m.	5:13 p.m. 5:12 p.m.	Moonrise 12:58 p.m. 1:32 p.m.	Moonset 11:17 p.m Next Day		Last 11/29
	TUESDAY Few Showers High: 55 Low: 39	Full 11/23	()	Friday Saturday Sunday Monday Tuesday	7:11 a.m. 7:12 a.m. 7:13 a.m. 7:14 a.m. 7:15 a.m.	5:10 p.m. 5:10 p.m. 5:09 p.m.	2:04 p.m. 2:34 p.m. 3:03 p.m. 3:32 p.m. 4:02 p.m.	12:14 a.m. 1:12 a.m. 2:10 a.m. 3:10 a.m. 4:12 a.m.		New 12/7
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AND AUCT Quarter Section Morris County, Kansas Grassland SATURDAY, DECEMBER 1, 2018 — 10:00 AM At the Council Grove Rec Center (formerly National Guard Armory), 1020 East Main — COUNCIL GROVE, KANSAS

The SW 1/4 31-14-8, Morris County, Kansas

This farm, 160 acres, more or less, is all good native grass pasture. There are 2 large, well located ponds. The fences are very good. This is a very clean pasture, with almost no brush or trees. The 2017 taxes were \$431.02.

From Council Grove, this pasture is located 9 miles north on Highway 177 to G Avenue, then four miles west on G Avenue to 1300 Road, then one half mile south to the northwest corner of the pasture, on the east side.

Terms: Ten (10) percent down, the balance due on January 15, 2019. Possession given at closing



ONLINE at: grassandgrain.com CATTLE AUGU INC. EVERY FRIDAY U. STARTING 10:00 A.M. ON WEIGH COWS 1-800-834-1029 FOLLOWED BY STOCKER FEEDERS — 11:00 A.M. **Toll-Free 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.Ql'assandQl'aln.Com & logging onto the online subscription

						ing to ming	accurag		adma onco m	c uninc	Sansonption
Due to the all d	ay Thursda	y snow storm,	Westmoreland	5 blk	545@135.00	Randolph	1 blk	1805@67.50	Westmoreland	1 blk	1495@49.00
we had a weath	ner shorten	ed run for our	HEIFER	S — 550-7	700 LBS	Lost Springs	1 blk	1540@67.00	Westmoreland	1	1340@48.50
sale Friday, No	vember 9tl	n. The weaned	Westmoreland	10 blk	611@137.25	Council Grove	1 Heref	1835@66.50	Wamego	1 blk	1250@45.50
cattle were sel	lling at full	y steady pric-	Westmoreland	21 blk	678@136.50	Lost Springs	1 blk	1620@59.50	Manhattan	1 Hols	1610@42.50
es, while the	unweaned	calves were	Westmoreland	5 bwf	670@133.00	Randolph	1 bwf	1445@58.00	Westmoreland	1 blk	1305@40.50
selling lower. (Cull cows a	and bulls sold	Havensville	10 blk	604@132.00	Jewell	1 blk	1520@58.00	Jewell	1 blk	1040@40.50
lower.			Wamego	5 blk	637@132.00	Wamego	8 blk	1282@55.00	Axtell	1 Hols	1670@40.50
STEER CA	LVES — 32	5-550 LBS	Vermillion	5 blk	643@131.50	Westmoreland	1 blk	1190@54.50	Westmoreland	1 blk	1305@40.00
Onaga	4 Ang	500@171.00	Gypsum	11 blk	562@131.00	Jewell	1	1420@54.50	Axtell	1 Hols	1535@38.50
Marion	4 blk	348@170.00	Manhattan	6 blk	583@130.50	Jewell	1 blk	1375@54.00	Maple Hill	1 heref	1395@37.00
Westmoreland	3 blk	501@170.00	Abilene	6 blk	867@130.00	Jewell	1	1370@53.00	Jewell	1	1225@37.00
Havensville	8 blk	526@168.00	Manhattan	7 blk	678@130.00	Alma	1 blk	1450@52.00	Wamego	1 bwf	1175@36.50
Wamego	6 blk	444@159.00	Paxico	3 Cross	586@127.00	Alma	1 blk	1120@52.00	Manhattan	1 Hols	1365@35.50
Wamego	4 blk	511@150.50	Vermillion	3 Cross	570@122.00	Westmoreland	1 blk	1180@51.00	Jewell	3 blk	1175@35.50

Manhattan	3 blk	383@150.00	BULLS — 1,650-2,200 LBS		
STEERS	S — 625-825	5 LBS	Alma	1 blk	2005@72.50
Westmoreland	10 blk	626@162.00	Wamego	1	2085@71.50
Westmoreland	21 blk	692@156.75	Harveyville	1 Angus	2175@68.50
Havensville	15 blk	646@149.50	Wamego	1 Angus	1730@65.50
Goff	9 blk	703@148.00	Wamego	1 blk	1655@63.50
Manhattan	5 blk	632@146.50	Blue Rapids	1 blk	2190@63.00
Goff	4 blk	613@145.50	COWS & HEIFER	ETTES — 1,	,000-1,850 LBS
Wamego	9 blk	743@140.50	Westmoreland	7 blk	1020@134.25
Manhattan	7 blk	732@139.00	Westmoreland	7 blk	1022@134.00
Vermillion	3 blk	808@130.50	Westmoreland	7 blk	1092@133.75
HEIFER CA	LVES — 425	5-550 LBS	Westmoreland	16 blk	1140@133.00
Marion	4 blk	428@150.00	Randolph	3 blk	1095@125.00
Onaga	6 blk	461@148.50	Westmoreland	10 blk	1243@85.00
Wamego	3 blk	470@140.00	Westmoreland	23 blk	1323@80.00
Gypsum	3 blk	433@138.00	Westmoreland	1 blk	1635@71.00
Wamego	3 blk	505@137.00	Council Grove	1 blk	1740@70.50
Havensville	4 blk	515@136.00	Council Grove	1 blk	1590@69.50



SPECIAL STOCK COW & BRED HEIFER SALE

VED., NOV. 14 • STARTING 11:00 AM

- 250 Blk, BWF, Blk Angus, Red Angus & Herf 2nd calf to older cows with calves by side.
- 200 Blk, Red Angus, BWF, Herf & Gelv cows 2nd calf to older, some calving now, balance Jan.-Mar. calving.
- 100 Bred Herf & Angus 1st calf hfrs bred for Feb.-April calves.
- 50 Blk, few Red Angus 1st calf hfrs with calves by side.
- 34 choice blk cows, 3-5 yrs old bred blk Simm bulls for Feb.-March calves.
- 4 Angus, SimmAng & Angus Gelv Balancer bulls, 15 mo.-3 yrs.

For a complete listing visit our website at mcclivestock.com

Blue Rapids 1 blk 1440@50.50 EARLY CONSIGNMENTS FOR NOV. 16 23 fancy blk & F1 cross BWF strs & hfrs, weaned, bunk broke, 2 rds shots, 550-650 lbs. 28 blk Angus & red Angus strs & hfrs, weaned 40 days, 2 rds shots, 500-625 lbs. 25 homeraised blk strs, 2 rds shots, bunk broke, weaned 35 days, 500-550 lbs. • 65 homeraised blk strs, 2 rds shots, bunk broke, weaned 45 days, 600-650 lbs. 40 Angus & Simm Angus strs & hfrs, 400-600 lbs. 65 Angus & Blk Gelv cross strs & hfrs, weaned 21 days/ shots, 400-550 lbs.

- 55 Angus strs & hfrs, weaned 60 days/ spring shots, 500-800 lbs.
- 25 Angus strs & hfrs, Spring shots/ weaned 45 days, 450-600 lbs.
- 20 Blk strs & hfrs, weaned 7 weeks/ 2 rds shots/ bunk broke, 575-625 lbs.
- 17 Simm strs & hfrs, 2 rds spring shots/ weaned 30 days, 500-700 lbs.
- 19 blk strs & hfrs, not weaned, Vira Shield 6 & Bar Vac 7 early Nov., 550-650 lbs.
- 1 blk str. been on feed 100 days, 1,000 lbs.
- 18 choice blk bwf OCV replacement hfrs, 800-850 lbs.
- 7 blk OCV replacement hfrs, 775-825 lbs.
- 70 reputation Angus w/ a few red Angus strs & hfrs, complete rd shots in the Spring, 450-650 lbs.
- 35 blk & bwf strs & hfrs, weaned 30 days, 1 rd shots, 400-500 lbs.
- 50 SimmAngus cross strs & hfrs, weaned 30 days plus, 2 rds shots, 550-700 lbs.
- 50 blk & bwf strs & hfrs, Spring shots, 500-650 lbs.
- 19 blk strs & hfrs, Spring shots, 400-550 lbs.
- 30 blk mostly strs & hfrs, 1 rd shots, 525-650 lbs.
- 35 choice blk strs & hfrs, Spring shots, 550-650 lbs.

SIMMENTAL INFLUENCE CONSIGNMENTS

- 80 choice reputation SimmAngus strs & hfrs, Covexin 8/Enforce 3 in Spring.
- 140 choice reputation SimmAngus strs & replacement wuality hfrs, no implants, 550-700 lbs.
- 100 SimmAngus & Angus strs & hfrs, complete Spring shots, 500-700 lbs.

NO SALE NOVEMBER 23rd due to Thanksgiving. Please call if we can be of assitance in your cattle marketing needs!

EARLY CONSIGNMENTS FOR NOV. 30

200 Choice reputation Blk, BWF, & Red Baldy strs & hfrs, age & source verified, weaned 75 days, 2 complete rounds of Pfizer wean Vac program.

Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesday's starting at 11:00 AM

2018: November 14 • December 12 • 2019: January 16 • February 20 • March 20 • April 10 • May 1

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

FIELD REPRESENTATIVES

JOHN CLINE
ONAGA
785-889-4775
Cell: 785-532-8381

- SAM GRIFFIN BURNS ALMA 620-726-5877 Cell: 620-382-7502
- **BRENT MILLER** OLSBURG 785-765-3467 785-468-3552 Cell: 785-587-7824
 - ALAN HUBBARD Cell: 785-410-5011

MERVIN SEXTON MANHATTAN Cell: 785-770-2622 Home: 785-537-7295

BILL RAINE MAPLE HILL 785-256-4439

TOM TAUL MANHATTAN 785-537-0036 Cell: 785-633-4610 Cell: 785-556-1422 Cell: 785-562-6807

JEFF BROOKS BEATTIE 785-353-2263

BRYCE HECK LINN 785-348-5448 Cell: 785-447-0456

DAN COATES BALDWIN 785-418-4524

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Grass & Grain, November 13, 2018

Kansas Hay Market Report

Hay market trade activity is slow. Prices steady, demand light. Hay sales have slowed to a crawl with few inquiries. While it is never a good idea to wish away rain, this on-again, off- again moisture is playing havoc with final harvest. The push is on to finish cutting corn and beans and to get wheat planted in between cloudy, cool and damp weather systems. The precipitation has also made hay deliveries more difficult. Deliveries and pick-ups have slowed considerably due to the damp conditions. The old adage "make hay while the sun shines" was never as true as this year in Kansas. While the northeast region still has some lingering dry conditions, the rest of the state has had plenty of moisture. According to the U.S. Drought Monitor, conditions were unchanged during the past week. The abnormally dry (D0) category is at 7 pct., and moderate drought (D1) is at 1 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, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 280.00-300.00. Dairy, 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow alfalfa, 190.00-200.00. Fair/Good grinding alfalfa, 165.00-175.00. Ground and delivered locally to feedlots and dairies, 195.00-205.00 with an instance at 230.00-235.00. Sudan: large rounds 65.00-75.00; Cornstalks: Large rounds 65.00-75.00 delivered, Wheat straw, large rounds 65.00-70.00. The week of 10/28-11/03, 7.811T of grinding alfalfa and 688T of dairy alfalfa were delivered.

South Central Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered, alfalfa pellets steady, movement slow. Alfalfa: horse, small squares 190.00-200.00. Dairy, 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock cow alfalfa, 155.00-165.00 delivered. Fair/Good grinding alfalfa, 145.00-155.00. Ground and delivered locally to feedlots 175.00-185.00 with an instance at 200.00. Alfalfa pellets: Sun cured 15 pct protein 210.00-220.00, 17 pct protein 210.00-225.00, Dehydrated 17 pct 245.00-255.00. Grass hav: Bluestem small squares 8.00/bale, mid squares 110.00-120.00, large squares 130.00-140.00, Brome large squares 125.00-135.00. Sudan: large rounds 70.00-80.00; Straw: large rounds 65.00-75.00. The week of 10/28-11/03, 3,815T of grinding alfalfa and 325T of dairy alfalfa were delivered.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay, steady, movement slow. Alfalfa: horse or goat, 220.00-245.00. Dairy 1.00-1.05/point RFV. Stock cow alfalfa 170.00-180.00. Fair/Good grinding alfalfa, 160.00-170.00. Ground and delivered, none reported. Grass hay: bluestem, premium small squares 135.00-145.00. Good, mid squares 125.00-135.00, large squares 110.00-120.00, large rounds 100.00-110.00 with an instance at 120.00; Brome: Good, small squares 145.00-155.00, mid squares 140.00-150.00, large squares 120.00-130.00, large rounds 125.00-135.00. Sudan: large rounds 80.00-90.00; Oat hay, mid squares 150.00-160.00. Straw, mid and large squares 75.00-100.00. Mulch, large rounds 50.00-60.00. The week of 10/28-11/03, 1,036T of grass hay was delivered.

Northwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered

steady; movement slow. Alfalfa: Horse or goat, 220.00-230.00. Dairy, Premium/Supreme 1.00-1.05/point RFV. Stock cow, fair/good none reported, Fair/good grinding alfalfa, 135.00-145.00. Ground and delivered locally to feedlots and dairies, 150.00-165.00. Alfalfa/oat mix, large rounds 100.00-120.00.

North Central-Northeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa and ground delivered steady; movement slow. Alfalfa: horse, premium small squares 9.00-10.00/bale. Dairy 1.00-1.05/point RFV, Supreme 185.00-200.00, Premium 170.00-195.00. Good 160.00-170.00. Stock Cow, none reported. Fair/Good, grinding alfalfa, 145.00-155.00. Ground and delivered 170.00-180.00. Grass hay: bluestem, small squares 7.50 bale, large squares 110.00-120.00, large rounds 100.00-110.00; Brome: small squares 8.50/bale, mid to large squares 135.00-145.00, large rounds 110.00-120.00. Sudan: large rounds 80.00-90.00; Straw: small squares 6.00-7.00, bale, large squares 100.00-110.00, and large rounds 85.00-95.00.

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

*CWF Certified Weed Free

*RFV calculated using the Wis/Minn formula.

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

Source: Kansas Department of Agriculture - Manhattan, Kansas Kim Nettleton 785-564-6709

Posted to the Internet: www.ams.usda.gov/mnreports/ DC GR310.txt

grassandgrain.com **NCGA Consider Corn Challenge brings** attention to the untapped potential of corn **HEAUY SAVERS** The Growers From Wilgers Welding lottom Hay Saver ver Hay Feed Extra heavy bottom ring on feeders nbstone Style High strength one-piece construction with heavy gauge steel for long life and durability. SATURDAY, NOVEMBER 24, 2018 — 10:00 AM WILGERS WELDING Located: In SWANTON, NEBRASKA at the Swanton Community Building PALMER, KANSAS • 785-692-4289 GUNS & MISC. PEDAL TRACTORS, TOYS, 500+ NASCAR ITEMS **CONCORDIA TOWN & COUNTRY** Shamburg Feed **ANTIQUES, COLLECTIBLES, BEER LIGHTS & SIGNS** Beloit, KS, 785-738-5181 Concordia, KS, 785-243-7900 COINS including Morgan Dollars, Peace Dollars, Eisenhower, Bicentennial SUGAR CREEK SALES Dollars, Susan B. Anthony, Sacagawea, Nickels, Dimes, Quarters, Bills, Half **KEY FEEDS** Dollars, US Proof Sets; and many other coins. Partridge, KS, 620-200-4412 Clay Center, KS, 785-632-2141 DAVID KUJATH ESTATE 181 AG SUPPLY T&H FEEDS Sylvan Grove, KS, **785-420-7037** Tescott, KS, **785-526-7200** Marysville, KS, 785-268-0430 www.beatrice77.net Click on The Auctioneers THE AUCTIONEERS • www.beatrice77.net Click on Auctions **Rick Jurgens** 402-520-0350 SATURDAY, NOVEMBER 24, 2018 — 10:00 AM Ryan Sommerhalder, 402-335-7937 1245 N 550 Rd — BALDWIN CITY, KANSAS THE AUCTIONEERS FOR COMPLETE AUCTION SERVICE! Directions from Lawrence: (From N650 exit, 1 mile South) South on Hwy 59 to N 650 Rd, West briefly to E 1250 Rd, South to Auction Site. AUCTION

National Corn Association (NCGA) has announced the launch of the second Consider Corn Challenge contest. The goal of this global competition is to find new and innovative uses of field corn. NineSigma is serving as the facilitator of the competition.

In 2017. America's corn farmers produced 14.6 billion bushels of corn and are on pace to produce the second largest crop ever. One of NCGA's strategic plan goals is to partner with industry to establish three new uses. for a minimum of 75 million incremental bushels by 2020.

'There are many unex-

pected uses of corn, and there's a lot of untapped potential," said NCGA Feed Food and Industrial Action Team Chair and Nebraska farmer Dan Weselv. "Corn is an economical, abundant and environmentally friendly source which can be converted into a range of high-value uses including plastics, solvents and fibers. Right now, consumers are asking for products that are more environmentally friendly and corn has a role to play in that space.

Between three to six winners will be selected for a total prize pool of \$150,000. An informational webinar will be held in January and submissions are due March 20th. This year's winners will be announced in July.

"Finding new uses and increasing corn grind outside of our normal customer base is the primary driver for holding another contest," said NCGA Market Development director Sarah McKay. "With another large corn crop being produced by America's corn farmers, we need to find additional uses for corn, and we know there's a lot of great work already happening in this space.

We want to capitalize on that and help companies get their products to commercialization.

In 2018, the contest garnered 33 submissions from eight countries. The Consider Corn Challenge winners were: Annikki -Illinois: The Iowa Corn Promotion Board; Lygos -California: Sasva - Minnesota: South Dakota State University - South Dakota; and Vertimass - California.

For more information on the contest go to: https://9sig.co/UseCorn.

Shoppers still prefer to buy groceries in a store

Shoppers still prefer to buy groceries in a store, according to a new study from TABS Analytics. While online grocery shopping had solid gains, it is still a small player in the \$800 billion-dollar grocery industry, accounting for less than 5 percent of sales.

Despite a four-point year-over-year increase, the number of regular online food and beverage purchasers (defined in the

LONNIE WILSON'S CONSIGNMENT SALE 601 S Broadway, Salina Saturday, Nov 24 10 am Accepting consignments now for our next sale. Boats, campers, guns, trailers, farm equipment vehicles, motorcycles, mowers, tools & more Contact auction staff, consign early and benefit from \$\$\$\$ advertising in newspapers and web sites before the sale Wilson Realty & Auction Service Lonnie Wilson 785-826-7800

study as six or more purchases per year) is still only 1 percent. Only 38 percent of consumers shop in the format even once, and well under half of the shoppers (44 percent) are loyal to the format, the report noted.

Other key findings from the study include,

Millennials and households with kids are the heaviest buyers exceeding the average by two to three percentage points.

Traditional grocerv stores and Walmart are still the most favored places to shop for groceries, although both saw a two-percentage point yearover-year decline as small format stores like dollar stores and Aldi experienced gains.

Demand for trendy and organic diets wanes. Consumer preferences indicated that both organic and trendy diets are not likely to become anything greater than niche markets. Only 13 percent of consumers said they try to purchase organic.



TRACTORS, TRUCK & EQUIPMENT

JD820, dsl, 3pt, pto, 2053 hrs; JD1020, gas, 3pt, pto, single remote 1761 hrs; JD1520, gas, 3pt, pto, single remote; Farmall H; 1963 Ford COE 2 ton truck, V-8, 4spd/2spd, hoist, 25,471 miles; 1999 Polaris Sportsman 500 4x4; JD HX15 Flex-Wing Mower w/cushion axles, 1000 pto; 1983 Utility Flatbed Semi trailer, 45' (rough floor) JD 630 26' disc; JD 8250 Grain Drill; JD 825 6 row cul-tivator; Glen coe combo Ripper/Chisel Soil Saver; Glencoe 12' pull type Chisel JD 3-16 mounted plow; JD 4-16 Semi mounted plow; JD 5-16 Sem mounted plow; AC Roto Small Round baler, good belts, clean; 2 wheel Dump trailer (new floor); Flair box wag-on on tandem gear Homemade grain wagon; 2 wheel trailer; New Idea Hand Corn Sheller; 1500 gal tank; 110 & 250 chemical shuttle tanks; 3pt palle lift; miscellaneous power and hand tools, fenceposts, other miscel laneous farm items not listed.

CONSIGNED BY TRIPLE B FARMS, LAWRENCE, KS:

Farmall IH 560, wf, dsl, 540, mid & rear remote, fast hitch; JD RM 400 Rotary Hoe, 3 pt, 15'; IH 700 6-16 Plow; JD 4 sect, 3pt har-row w/frame; Ford 3pt 10' cultivator; IMCO 6' Rotary mower, fast hitch; JD LF-12 Ez Flo seeder; Ferguson Ditcher w/18" cutting head Hutchinson 40', 6" grain auger, pto driven; 24' grain auger w/elec motor; Continental 44 posthole digger, pto, fast hitch, 12" bit; IH #60 Flail Shredder, 15', 1000 pto; Homemade running gear header trailer; 2 wheel trailer homemade w/drop gate; Gilmore 5" end gate auger; 18' hay elevator w/elect motor; Chemical injector pump for in rigation; tractor weights; 18.4-38 Duals w/axle mount hubs off 1086 500 gal fuel tank on stand; A-Frame w/chain fall; Wayne mdl 10 gas pump; 2-Wayne mdl 10 gas pumps for parts; misc. used hog/cattle panels; used shuttle/chemical tanks

CONSIGNED BY NEIGHBORS:

2005 Ford Heavy Duty F250, V-8, gas, auto, 4x4, B&W GN hitch, 145,114 miles; 1999 Featherlite Weekender Horse Trailer, GN, 3 horse removable slants, dressing room; Winkle panel trailer w/ 30 10' panels and 2 - 10' walk-thru gates; 2011 Eagle 7x14 flatbed trailer, fold down tailgate, jacks & toolbox (shedded); 4 wheel hay trailer; Priefert Premier Horse Stalls, two 12' fronts w/feeders, two 12' & two 10' panels (new); Unverferth 230 gravity wagon w/hyd au-ger and tandem walking gear; Woodmaxx WM-8H Chipper, 3pt, pto Cosmo 500 3pt pto Seeder; Kuker Sprayer, 3pt, 55 gal, pto, B&W hyd bale spike for pickup; picnic tables; other miscellaneous items neighbors are bringing

AUCTIONEERS NOTE: Mike has decided to sell some of his trace tors he restored a few years back that he no longer has a need for. He is also adding some equipment no longer needed. We have accepted some consignments from neighbors who wanted to add some good clean items. Please join us, there is a little something for everyone! This is not a large auction, so please be on time. Concessions offered by Worden Church Ladies!

SELLER: MIKE & CHERYL FLORY



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SATURDAY, NOVEMBER 17, 2018 — 9:00 AM Offering for sale at Public Auction, located at 200 N. Poplar, **GOESSEL, KANSAS**

For a complete listing go to

402-239-8741

Clerks: Auction Staff

Dennis Henrichs Gale "Slim" Hardin

402-520-2911

GUNS, AMMO & SNAP-ON TOOLS - SELL AT 9:00 A.M. 2-Winchester 50 12 ga.; Stevens 67 12 ga.; Western Field XNH565B 12 ga.; Field Classic 12 ga.; Springfield 67E 12 ga.; Remington Wingmaster 870 12 ga.; Remington 10A; Winchester 300 20 ga.; Winchester 1200 20 ga.; Winchester 1911 S/L 12 ga.; Winchester 120 12 ga. pump; Glenfield 778 12 ga. pump; Marlin 783 .22, Powerline scope; Remington 12 pump; Winchester Buffalo Bill 30-30; Henry 22 LR .22, scope; Winchester 62 pump; Winchester 1906; Winchester 90-22 .22; Jing An 12 ga. over/under; Marlin 30 AW 30-30, lever action; Remington 510-X .22; Sears 3T .22; Trappers Special .22 SL/ LR; Daisy 1894 BB gun; Power Master 760 BB repeater; Marlin 81 .22 bolt action S/L; Winchester 120 12 ga.; Wards Western Field 60 20 ga. pump; Springfield 67E 12 ga. pump; Winchester 67A .22 SL/LR JC Higgins 60 12 ga.; Crosman Quest C1K77 177 cal. 4.5mm; ammo gun supplies; Lee reloader; Snap-on roll-away toolbox with top & side boxes; Snap-on tools including: sockets, specialty tools, bars, screw-drivers, torque wrench, timing light, tap & die sets, steering wheel puller, compression gauge set, diagnostic gauge set, bushing driver, pliers, impacts; numerous hand tools; Blue Point sheet metal cutter; 2 - large welding tables; 2 - Chev. 400 turbo transmissions; eng. stand; Milwaukee hammer drill; Ryobi table saw; Ig. shop fan; DeWalt grinder & sawzall; Blue Point pullers; Coleman 10 hp generator; vac. gauge; bits; Autel maxi video scope; hex keys; dolly cart; motorhome vehicle connector; Walker floor jack; Craftsman wrenches; rotozip; windshield vac lift; scissor lift; OTC 3 in 1 svc. set; fishing supplies; 6x7 camo blind & nets; Mac impact driver; cam bearing installer; clamps; Starrett squares, dial indicators, micrometers, center finder; Craftsman precision tools; Christmas village lighted houses; air mattress; table; Hesston toys; Cuckoo clock; playhouse; ladders.

TRACTORS, PICKUP, TRUCKS & FARM MACHINERY ⁷⁷⁹ JD 2440 tractor, 3 pt., pto, dual hyd., 4940 hrs., JD 146 loader, quick tach bucket & pallet forks; Bobcat 610 skidsteer loader; AC D15 tractor, loader, new clutch; '51 IHC M NF tractor; 2-Ford 8N tractors shop built HD 2 wheel trailer, ramps; Hesston 565A round baler, twine & net wrap, gathering wheels; 15' batwing mower; '50 IHC L-180 truck, 6 cyl, 50K, Hercules air comp., good condition; JD 8350 8-20 single disc dbl. run grain drill, 13 1/4" blades; IH pull disc; Big 12 400 bu. grain cart; car carrier; new 11L15 12 ply tires & rims, 6 bolt; 200' 1/2", 3/4", 5/8" rebar; rotary mower; blade; MF 124 sq. twine tie baler; '62 Chev. truck, 13' bed & hoist; JD 346 twine tie sq. baler; '94 DCTT 16' car trailer, tandem axle, ramps; 2008 Arctic Cat 700 4x4 side-by-side, needs eng. work; 60 gal. upright air compressor; gas powered air compressor; BF Goodrich 11R 24.5 tires; 200 gal. tert. saddle tanks; TSC 6' 3 pt. blade; 4' rotary mower; 85-sheets used tin; 7' pto pull behind rotary mower; 12" & 14" post hole bits; shop tables; 12' disc; cement mixer; tires; 5' Bush Hog; 16' car trailer; Stihl 362 chainsaw; log splitter; SELLING FOR PAUL & JOANNE KLASSEN: 2012 Dodg Pam 1500 Lever 5 7 liter 4 doar diver bull start 2013 Dodge Ram 1500 Hemi 5.7 liter 4 door 4x4 pickup, bull guard Firestone tires, fifth wheel ball, running boards, 36K; '83 JD 7720 Titan II combine, 24' header, RWA, Cyclone chaff spreader; JD 8350 8-20 drill; '97 Circle D 20' stock trailer; 10x24 tandem axle trailer; '76 Ford F-600 truck, 16' bed & hoist, wood floor; Kent 32' field cult., 3 row spike harrow, anhydrous; JD 9° 630 22' disc; Wilbeck 14' tandem disc; NH 202 manure spreader; JD 694 6 row planter; Kuker 500 gal. field sprayer; 2018 Kawasaki 4010 4x4 mule, power steering, elec., cab, 7.7 hrs.; combine bin trailer; JD 8-16 Van Brunt drill; JD 4-16 semi mt. plow; JD 6-16 semi mt. plow; 200 gal. field sprayer.

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Schmidt Clerks & Cashiers / Lunch provided by: K & B Catering **TERMS:** Cash day of sale. Statements made day of sale take precede over advertised statements. All items to be removed within 30 days.

GUNS ESTATE SALE 411 E Walnut St, Salina, KS Saturday, Nov 17, 2018 at 10 am Approx 85 guns, reloading equipment, lots of ammo.

See complete listing with pictures at website www.soldbywilson.com

Estate Sale with no FFL paperwork or sales tax

Hand guns - Smith & Wesson, ERMA, Waffenfabrik, Walther, H & R Arms, Merwin Halbert, Davis-Warner, Colt, C. Sharps, Allen Patent, Makaron

Long guns – Weatherby, Browning, Winchester, Remington, Savage, Stevens, Ruger, Marlin, Spenser, Benelli, Hamilton, US Springfield, Labanu Inc, Steven Arms, A Hundt, H. Pieper S, New England Firearms, Armalite, T Barker, G. Young, Sears, W Mocke, Navy Arms, Westpoint, J.H. Johnson, Hawthorne, W Moore, Parker Bros, Swiss Veterelli, Sharps, Spencer Repeating, Interarms, SKS, Roper Repeating Arms, Hopkins & Allen, Union, Daisy More information online at www.soldbywilson.com



Page 13

BIF plans Genetic Prediction Workshop

The Beef Improvement Federation (BIF) will host a Genetic Prediction Workshop in Kansas City, Missouri, Dec. 5-6, 2018, at the Holiday Inn KCI Airport and KCI Expo Center, 11728 NW Ambassador Drive.

The conference is designed to give academics, allied industry, breed association staff and cattle producers a forum to discuss the latest developments in beef cattle genetic evaluation strategies and plot the future course. The implementation of genomics technologies in national cattle evaluation systems will be the focus of discussion.

"Speakers will highlight their experiences, current status and challenges of genomics technology deployment at several major U.S. breed associations and genomic companies," explains Bob Weaber, K-State professor and beef extension specialist. "Researchers will discuss challenges faced in DNA marker panel selection, multiple trait genomic studies. Last, a section of the program will focus on selection index development."

The annual BIF Research Symposium and Conventionfocuses a large portion of the agenda to educational programming geared to enhance the skillsets of seedstock and commercial producers. The Genetic Prediction Workshop is designed to facilitate an in-depth and technical dialog among attendees to chart a course for the work to be undertaken over the coming five vears.

A USDA multi-state project (NCERA-225) focused on implementation and strategies for national beef cattle genetic evaluation will meet prior to the Genetic Prediction Workshop during the evening of Dec. 4. This meeting will feature brief station reports and a business meeting.

Registration for the **BIF Genetic Prediction** Workshop is \$160 and includes a buffet breakfast. lunch, dinner and breaks during the conference. For NCERA committee mem-

Initial notice of interest for water technology farms needed by December 1

Water Technology Farms are an action item of the Long-Term Vision for the Future of Water Supply in Kansas to help address Kansas water issues. The program began three years ago with three farms and currently there are ten farms on more than 30 fields.

The Kansas Water Office plans to add a limited number of new technology farms and is currently accepting initial notice of interest for the 2019 growing season. The deadline for initial interest is December 1.

These three-year pilot public-private partnerships demonstrate irrigation technology, research and management techniques. They have been valuable in expanding the conversation and education of producers and decision makers on water conservation in areas overlying the depleting Ogallala Aquifer and water quality protection in the Equus Beds Aquifer region.

Water Technology Farms are eligible statewide. Farms in a Water Conservation Area or a Local Enhanced Management Area as well as other documented conservation programs will be prioritized for consideration. Access to land as well as data records are required as part of this effort.

Those interested or wanting more information, please contact Armando Zarco at Armando.Zarco@kwo.ks.gov or 620-276-2901. To learn about the existing farms, visit www.kwo.ks.gov



bers, there is no additional charge, but registration is required. Attendees must pre-register for the events by Nov. 28, 2018. Online registration and full agenda is available at www.beefimprovement.organd http://www.ksubeef. orgin the 'Upcoming Beef Events' section.

A room block is available through Nov. 15, 2018, at the Holiday Inn KCI Airport. Conference attendees should call the hotel reservations department directly at 1-866-617-6369 and request the Beef Improvement Federation/ KSU block. Reservations made after Nov. 15 are accepted based on room type and group rate availability

For more information about the BIF Genetic Prediction Workshop or the NCERA-225 meeting. please contact Dr. Bob Weaber at 785-532-1460 or bweaber@k-state.eduor Lois Schreiner at 785-532-1267 or lschrein@ksu.edu. For more information about BIF, visit www.beefimprovement.org.

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In anticipation of calving season, the Kansas State University Department of Animal Sciences and Industry and K-State Research and Extension will be hosting a series of calving schools between November and January.

The program will outline the normal calving process as well as tips to handle difficult calving situations. A.J. Tarpoff, Extension beef veterinarian, said the purpose of the event is to increase knowledge and practical skills and increase the number of live calves born.

Experts will also share tips on when and how to intervene to assist the cow and how those times may be different when dealing with young heifers. Presenters will also demonstrate proper use of calving equipment on a life-size scale.

"Our goal is for producers to leave better prepared for calving season," Tarpoff said. "We will discuss timelines on when to examine cows for calving problems, and when to call for help if things are not going well. It's an excellent program regardless of experience level.'

He added that several of the meetings will cover such topics as proper bull/ heifer selection and EPDs; winter cow nutrition; and injection site management. The list of meetings include:

• Thursday, Nov. 15, 6 p.m., Sherman County 4-H Building, Goodland. RSVP to Sunflower Extension District Office at 785-332-3171, or email Toni Belshe at mabelshe@ksu.edu.

• Tuesday, Dec. 4, 6:30 p.m., Oskaloosa City Hall, Oskaloosa. RSVP to the Meadowlark Extension District Office.

• Tuesday, Dec. 11, evening, 4-H Community Building, Yates Center. RSVP to the Southwind Extension District Office

• Thursday, Dec. 13, morning, Kingman County Expo Center, Kingman. RSVP to the Kingman County Extension Office.

• Thursday, Dec. 13, evening, McPherson County 4-H Building, 710 W Woodside St., McPherson. RSVP by calling Terra at 620-241-1523.

• Wednesday, Jan. 9, Dole Specter Conference Center, Russell. RSVP to the Midway Extension District Office.

• Wednesday, Jan. 16, Hy Plains Education Center, Montezuma. RSVP to the Gray County Extension Office.

More information is available online at KSUBeef.org.

2018 KANSAS FARMERS UNION CONVENTION

NOVEMBER 29-30 | PRAIRIE BAND RESORT | MAYETTA AGENDA & REGISTRATION AT KANSASFARMERSUNION.COM

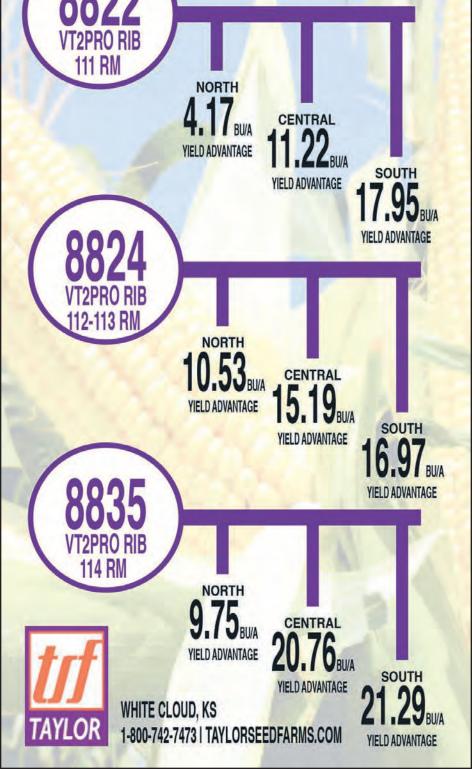
HERINGTON LIVESTOCK COMMISSION CO. CATTLE SALE EVERY WEDNESDAY: 11:30 AM

> SELL HOGS 1ST & 3RD WEDNESDAY OF EVERY MONTH

11/7/18 SALE RESULTS White City 1 red 1100@50.00 Herington, 9 red

winte only, i rea	1100 00.00	rionington, o rou	114@100.00
BULL	S	Hope, 31 blk	984@132.50
Manhattan, 2 blk	313@151.00	Herington, 2 blk	773@130.00
Tampa, 1 blk	2155@71.00	Hope, 2 mix	1130@110.00
Hope, 1 blk	2285@70.00	COW/CALF PAIR	RS - BY PAIR
Lincolnville, 1 blk	1875@67.00	Dwight, blk	\$1,000
Cncl Grve, 1 red	1590@67.00	BRED COWS - B	Y THE HEAD
Lincolnville, 1 red	1890@62.50	Blk, 5+yrs	\$700-\$800
STEEF	RS	HEIFE	RS
Wakefield, 2 Char	438@169.00	Wakefield, 2 Char	553@140.00
Wilsey, 5 blk	555@164.00	Tampa, 73 mix	622@140.00
Cedar Pnt, 29 blk	586@156.50	Tampa, 11 mix	471@140.00

714@136.85



	1200@00.00		301@130.03		000@100.00
Marion, 1 red	1705@60.50	Hope, 63 mix	878@146.00	Hillsboro, 4 blk	684@135.00
Newton, 1 blk	1015@60.50	Lincolnville, 60 mix	870@145.75	Hope, 2 blk	765@132.00
Marion, 1 red	1330@60.00	Lincolnville, 59 mix	872@145.00	Marion, 5 blk	662@132.00
Marion, 1 red	1475@60.00	Hope, 62 mix	877@145.00	Lincolnville, 2 blk	768@130.00
Marion, 1 red	1375@58.00	Herington, 35 blk	877@145.00	Cedar Pnt, 3 red	558@130.00
Marion, 1 red	1305@58.00	Herington, 59 blk	908@141.80	Manhattan, 2 blk	533@125.00
Hillsboro, 1 bwf	1620@58.00	Hope, 4 red	791@140.00	Cedar Pnt, 3 red	655@122.00
Hillsboro, 1 blk	1605@57.00	Cedar Pnt, 22 blk	721@140.00	CALVES - BY	THE HEAD
Woodbine, 1 blk	1490@55.00	Cedar Pnt, 6 blk	855@140.00	Marion, 1 red hfr	@240.00
Lincolnville, 1 blk	1315@52.00	Lincolnville, 58 mix	923@136.85		

CONSIGNMENTS FOR NOVEMBER 14

• 62 mostly blk strs, 875 lbs • 64 mostly blk strs, 875 lbs • 120 mostly blk strs, 850-875 lbs

LMA

Dwight, 1 blk

Marion, 1 red

Dwight, 1 rwf

Burdick, 1 blk

Marion, 1 Char

Marion. 1 red Herington, 1 blk

COWS

1050@72.00

1290@71.50

940@71.00

1265@70.00

1720@66.50

1905@65.50

1855@65.00

1865@64.50

1440@64.50

1555@64.00

1500@63.00

• 120 mostly blk strs, 875 lbs 60 mostly blk strs, 875 lbs

MORE CATTLE BY SALE TIME

RED SKY RANCH RELOCATION DISPERSAL SATURDAY, NOVEMBER 17TH @ 11:00 AM • 500 head

 150 1st calf hfrs bk bkwf scheduled to calve Feb 1 150 2nd calf hfrs blk bwf scheduled to calve April 1 150 medium frame cows, 4 yrs & older, to start calving April 1 Around 10 Charolais cows

All cows have been mouthed and preg checked

 35 breeding age bulls; Gardiner, Overmiller Red Angus, and Schutee polled Hereford, all semen and trich tested.

NO SALE THANKSGIVING WEEK

CONSIGNMENTS FOR SPECIAL CALF SALE DECEMBER 5

40 blk hfrs, homeraised, longtime weaned, all shots, 550 lbs.

MORE CATTLE BY SALE TIME

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C	LA	SS	IFI	E	S
	DEADLINE IS 10:00 A.M.		RATES AND DISCOUNT		ASSIFICATIONS
Although complete name, a your ad, we must have this Name:	address and phone number needs information for our records Phone #:City: State: Zip	not appear in FIGURE RATE: 65¢ Number of S Cost for o Multiply of want ad to Run ad Category: DISC def Category: DISC Card No. V-Code 3 digits on the b the sign the sign	E YOUR COST HERE a word. f words: @ 65¢ ne week: ne-week cost times number o run. consecutive week Cost for week Cost for week COUNTS: (For PRE-PAID orded duct 10% if ad runs 2 or 3 w deduct 25% if ad runs 4 week Less discount TOTAL: Pay with (PLEASE CIRCLE ONE ECK MASTERCARD VISA D (required) last (see sample: 567) located ack of your credit card on	CATTLE SWINE SWINE HORSES FERTILIZ of weeks you FEED & S FERTILIZ FEED & S FERTILIZ AUTOMO FEED & S FERTILIZ AUTOMO FEED & S FERTILIZ SERVICE IRRIGATI HARVES' LIVESTO BUILDING BINS - DI BUISINES WELDING	GOAT SHEEP POULTRY ER TRAILERS SEED MACHINERY TIVE EMPLOYMENT TATE ANTIQUES S PASTURE ON WANTED TING PETS CK OTHER CK EQUIPMENT SS-BUILDING MATERIALS RYERS - VACS HOMES QUIPMENT S OPPORTUNITIES
GRASS & GRAIN	<u>CALL:</u> 87 MAIL TO: AG	first ins NO REF BY PHC added, Four Ways To 7-537-3816 TOL PRESS, Box 100	notify us of any errors at ertion. FUNDS! DNE: Ads not accompar and discounts are not avain Place Your Ac L-FREE OR 785-4 09, Manhattan, Ka	nied by payment have ailable. 539-7558 ansas 66505	
CATTLE	<u>FAX:</u> 785-4 Cattle	539-2679 <u>on</u> Cattle	LINE: www.grassan CATTLE	dgrain.com CATTLE	HORSES
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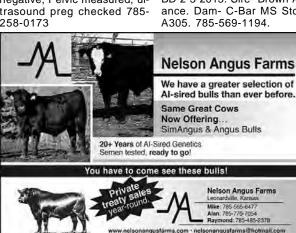
See Performance Data & Price List at: www.WolfCreekAngus.com LURAY, KANSAS 785-698-2225

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70 head bred Angus heifers, about 60% AI Sired out of Conneally Thunder and bred to sons of Fine Lancer. Will start calving March 1 for about 70 days. They are from a closed herd for 15 years and will be about 28 months old at calving. Their steer mates were 98.5% choice and prime and 73% C.A.B. Vienna, MO. Call 573-422-3086 or 573-578-3086

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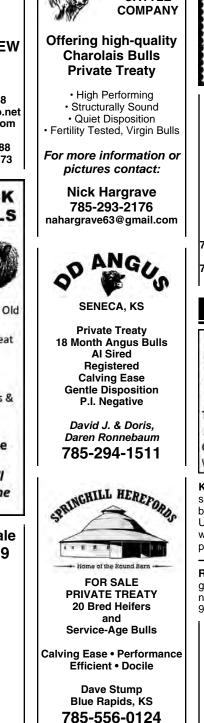
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2017 F-250 crew cab XLT. 4x4, loaded, nice, diesel auto. 29k mi.

2013 GMC 3500 crew cab Denali, 4x4, diesel, auto, loaded, nice, 70k mi,

2015 Ram 2500 Power Wagon, 4x4, 6.4 gas, auto, loaded, one of a kind, 32k mi.

2016 Ram 2500 crew cab SLT 4x4, 5.7 V-8 gas,

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147 ACRES FOR SALE north of Talmage. Great income bottom ground with exceptional hunting opportunities, Call or text Caleb Davis with Mossy Oak Properties with questions: 785-447-1694.

70.25 ACRES FOR SALE-Cultivated ground 3 miles east of Emmett. Ks. and one-mile south on "B" Road. \$270.000. Gravel road on west side of property. DEK Trust land. Call Bill Karnowski 1-785-456-9509 8am to noon.

75 ACRES FOR SALE north of Rossville, Ks. 8825 NW Davis Rd. \$225.000. Terraced with waterways. Currently enrolled in CRP program. Call Ed Matyak, 785-608-3200, Shawnee Co. Real Estate LLC.

80 ACRES PRIME FLINT Hills pasture land, close to Manhattan. Excellent grass with pond, good fences, wonderful location with beautiful views. Irvine Real Estate, 785-556-0662 or 785-539-9800.

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Ottawa Co.-with 122.87 Acres crop land balance wildlife habitat. East of Bennington. Chris 493-2476

Ottawa Co.- 158.2 Acres m/l with 127.49 acres cropland and 30.71 Acres native grass & waterways. South of Minneapolis. Chris 493-2476 Chase Co.- 529 Acres m/l near Cedar Point- Cropland pasture, meadows & wildlife habitat. Chris 493-2476 Ottawa Co.- 198 acres m/l 138 crop, balance timber. Chris 493-2476 Saline Co.- 119 Acres all cro-

pland. Eastern Saline County Chris 493-2476

Saline Co.- 78.5 Acres, 74 Acres Crop Land. Eastern Saline County. Chris 493-2476

Saline Co.- 170 Acres m/l. 165 Acres Crop Land, 5 Acres Timber/River Eastern Saline County. Chris 493-2476

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

Homes For Sale Saline Co.- 2.7 Acres m/l Southeast of Saline. 2 Story vintage restoration. 54x99 Morton Building. Chris 493-2476

Cloud Co.- 7+ Acres/ 2800 Sq. Ft. Home/ Country Oasis/ 5 Bdrm./ 4 1/2 Baths/ 28X60 Shop, \$250K, Chris 493-2476 Saline Co.- 9.7 Acres m/l. In the heart of Salina but privately located. Ranch Home. Large Attached workshop. Plus Outbuilding & Vineyard. Jessica 452-8952 Saline Co.- 12 Acres m/l Close to Lindsborg. Best Views of Coronado Heights. 4 Bdrms./2 Baths. Mari 452-5314

Farm & Ranch Division Of:



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FOR SALE 58.56 ACRES cultivated ground 1 mile south of Emmett on Mayland Road. Prime development land on an asphalt paved road. \$230,000. DEK Trust land. Call Bill Karnowski 1-785-456-9509 8am-noon.

Grass & Grain, November 13, 2018 **REAL ESTATE**

EQUESTRIAN CENTER Training, Boarding, Breeding

- All set up and ready to go! 2 barns, 16 stalls, some with runs. 150x300 fenced all
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- Completely remodeled Modular 3 bed, 2 baths home. · Full unfinished basement central air and heat, double
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REAL ESTATE FOR SALE

 130 acres, 2/3 native grass CRP, balance timber and old building site, excellent hunting 150 acres, 80 % terraced cropland, balance timber and creek.

160 acres. 75 % terraced upland, balance timber, grass, and excellent wildlife habitat.

All three located in east and southeast Washington County

· Five acres, north Washington County, with a large, older home and outbuildings; home has been substantially redone. Beautiful setting, near the Little Blue River.

 160 acres excellent pasture, good fences, good water, good roads, the SW¼ 31-14-8, Morris County, to be sold at public auction on December 1st at

Council Grove. BOTT REALTY & AUCTION. Washington, Kansas

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With the right amount of timber, flowing water, & native grass, this 60 acre property overlooking Davis Creek is a wildlife lovers paradise! The 3 BR 3 BA home was built in 1985 and has 1,613 square feet on each level with an additional 616 square foot garage. Some of the features include central heat and air, including the garage, rural water, a fireplace on each level, a formal dining area, a master bedroom with bath and walk in closet, and a beautiful deck and patio that overlook the creek and the Flint Hills. Just minutes away from Junction City and Ft. Riley, & convenient to Salina and Man-

hattan. Priced at \$399,000. Give Marty Wright at Bluestem Brokerage a call at 620-767-3258 http://bluestemrealty.com/

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Trailer Repair Brakes, lights, sand blast, paint weld

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USED TRAILERS Waterville Location: '04 Titan 24' GN Stock .\$5,000

02 Cohorst 5x8 BH utility .\$500 '06 Load Trail 20' BH Utility .\$3.900 04 Fastline 18' BH utility .\$3,800 '80 Homemade 16' GN stock .\$1,500 '02 Homemade 16 BH utility .\$1,500 550 Gal. fuel tank\$1,000 Fort Scott Location: '04 Homemade 28' GN stock\$2.500 **Blue Valley Trailers** 225 South East St. Waterville, Kansas 66548 785-363-2224 1-866-368-4826 æ HUSTLER DROP 'N LOCKS GOOSENECK HITCHES-Elite Aluminum Stock Trailers Titan — Sharp

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Mid-Plains

Equipment



Page 16

Grass & Grain, November 13, 2018

MACHINERY

- USED IMPLEMENT -EZ Trail 510 grain cart 2015 R190 Hegl skid loader 2002 8106 White planter 2014 V400 Gehl skid loader 2010 MF 2856A round baler R190 Gehl skid loader Gehl 4240 Skid loader Ford 900 tractor Gehl 1870 rd. baler 2014 Gleaner S77 combine 2012 Gleaner S-77 1998 Gleaner R72 Gleaner 8200 30' w/air reel Gleaner 800 30' flexhead Gleaner 400 30' rigid 2003 MF 9690 w/30' head Call us for your AGCO part needs!



Kuhlman Impl. LINN, KANSAS 785-348-5547

BALER FOR SALE: 2013 Massey Ferguson 2170XD square baler, 3x4, steerable tandem axle, roller bale chute, blower, plunger extension, cheese graters: \$56,500. Baler serviced by Griffin Baler Repairs: Bruce and Bill. Contact: Jim PH-620-242-8193.

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

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'13 Rhino 4155-3	\$12,500
'08 Woods 6'	\$1,950
'14 Kodiak 6'	\$4,500
'11 Rhino FR180	\$11,500
- COMBINE	s —
'16 JD S680	.\$287,500
'13 JD S680 4wd	.\$209,500
'16 JD 670	.\$219,500

MACHINERY	
CLAAS USED FORAGE HARVESTERS & HEADS '11 Claas 960Coming '10 Claas 980Coming '09 Claas 980 '05 Claas 900Call '04 Claas 900Call Claas RU600, 8 row head From \$30,000	
TRACTORS 2012 Case 315\$190,000 Agco Star 8360\$45,000 	
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 R75\$120,000 '99 Gleaner R72\$85,000 '99 Gleaner R72 '98 Gleaner R62\$67,500 (2) '97 Gleaner R62\$67,500 (2) '97 Gleaner R62\$67,500 '94 Gleaner R62\$55,000 '11 3000 12R30\$55,000	
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JD 4010D TRACTOR. RUNS good. Good transmission. GB Highlift loader. A little rough. \$4500. 620-386-0071. Moundridge.	
 '14 JD 8345 R\$229,500 '12 JD 8335 RT\$179,500 '11 JD 8335 MFWD .\$157,500 '00 JD8410 MFWD\$59,750 '11 JD 8285 MFWD .\$159,500 '96 JD 8200\$39,500 '83 JD 4450\$34,900 '15 JD 6155M\$97,500 '15 JD 2032R\$17,500 '14 JD 1025R\$14,950 '09 Kubota M7040\$40,065 '06 NH TG245\$79,500 	

MACHINERY MACHINERY **Gleaner Combines** Vermeer 95 R62 Cummins\$26,500 '04 R75 RWA.....\$59,500 '91 R60 RWA\$13,500 '82 & '80 L2S\$8,500 EZ Trail Gravity Wagons, Grain Carts, and Header Trailers. Great Plains Tillage Tools 81 Farm Eq. Service McPherson,KS 620-241-3100 1-800-357-3101 **Guaranteed Used Truck** Tires, most sizes. 1- VR1224 Also, can use LP22.5, 11R22.5, 11R24.5 Clean Low Grade Casings. GeeTire.com Rossville, KS. 785-231-8397 OUR 66th YEAR for sale **USED TRACTORS** 2017 JD 8370R 2014 JD 8335R ers 1998 JD 7810 2015 JD 6175R 1990 JD 4455 1990 JD 4255 1984 JD 4250 1982 JD 4240 COMBINES 2017 JD S660 USED EQUIPMENT 2014 JD 2510 H 2011 JD 568 baler 4123 '11 Bestway Field Pro sprayer **USED PLANTERS** 2015 JD 1775 NT 16R 504R Baler **NEW EQUIP. SPECIALS** 2018 JD 630 FD 2018 JD 946 MOCO 2017 JD HX15 SOLID - STABLE R2300 rake STILL JD MC 3700 TODD TRACTOR 605N COMPANY INC 555 XL 785-336-2138 Days 605M baler 785-548-5855 Nights Visit Us At toddtractor.com Seneca, Kansas 20- Gleaner heads Corn, Flex, Rigid. Majority reconditioned. Also, custom harvesting wanted. Corn, Milo, Soybeans. Duffek Implement & Harvesting Seward, NE 402-643-3290 Firestone DON'S 30.5L-32 SAT 14pr TL \$2,077 18.4-34 SATII 8pr TL \$657 650/65R38 Performer 65 157D \$1,266 460/85R38 Performer EVO \$876 460/85R34 Performer EVO \$871



MACHINERY **NEW TRACTORS** Kubota M6-111 MFD w/ ldr Kubota M5-111 MFD w/ ldr USED TRACTORS 2016 Kubota RTVX 1140, 4 2013 Kubota RTV 500 utility 604-605N net 2013 Kubota M9960 MFD R2300 & R2800 rakes TM800 Trail Mower 2014 Case IH Maxxum 115 VR-8, 10, 12 wheel rake 2000 Kubota L3000 DT, 4WD 605M net ramp floats 2008 Kubota L3540, HSTC, 665M twine ramp 505l baler, \$3,500 2003 Kubota B7800 HSD, JD 700 rake hyd fold \$5,500 CFR960 HL bale processor, Ford 1700 2WD diesel like new round & square hav 2016 Kubota BX 2370 4WD, grapple fork scales BP8000 w/ FinalCut MISCELLANEOUS BP8000 w/Scales 2014 Bush Hog 2815 15' cut-FA-550 Feed wagon 1988 Case IH 8330 Moco To view all of our New & Used Equipment, please Kubota check out our website: www.sloophook.com or **McConnell Machinery** give us a call: 785-828-4706 1111 E. 23rd Lawrence, KS Sloop Sales & 785-843-2676 Hook's Repair Inc. Evenings 785-979-2271 www.mcconnellmachineryco.com SALVAGE COMBINES ALLIS N7-6, L2, L, M, G, F2, F, CII, AII; JD 8820, 7720, 7700, 6600, 4400, 3300, 105, 95, 55; MF 860, 760, 750, 510, 410; IH 1680, 1480, 1460, 915, 815, 715, 503, 403; NH TR70-85, 1400, 995, AbileneMachine 985, 975. Ag Replacement Parts SALVAGE TRACTORS With 5 locations, ALLIS 7000-7080, 220, 210, Abilene Machine is one of 190XT; D17-19; JD 84-8630, the largest distributors of 7520, 6030, 5020, 4630, new. remanufactured and re 4430, 4020, 3020, 720, 730 cycled ag replacement parts in the United States. 800-255-0337 www.AbileneMachine.com **BRUNA IMPL. CO.** COMBINES: 2013 Case IH 7230, 1153 hrs \$179,500 (W) 2010 Case IH 7120, 1725 hrs\$142,500 (S) 2001 Case IH 2388, 2400 hrs\$50.000 (H) 2007 Case IH 2577, 1189 hrs\$108,500 (M)

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1996 Case IH 9330 4wd, 6347 hrs\$55,000 (C) 2004 Case IH MXM 120 w/ldr 2609 hrs\$49,500 (M) 1998 Case IH Maxxum 170 w/ Idr 10603 brs \$39,500 (C)

CASE 1470, 1370, 1270 1200, 1070, 930, 400; IH 1568, 1466, 1256, 1066, 1026, 806; FORD 4-5-6-8-9000; MF 2745, 1155, 1100, 90, 85; OLIVER 2150; MM G1000; WH2-150, 4-150. Mike's Equipment BUHLER, KANSAS 1-800-543-2535 2014 Case IH Magnum 340

MACHINERY

Vermeer

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'17 JD S670 4WD\$319,50	00
'14 JD 670\$189,50	00
12 JD 3670	50

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'13 JD 4730\$174,500
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'15 AGCO RG110 \$199,500
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CIH Titan Floater\$54,500
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1980 JD 401C loader, backhoe 2014 JCB205 skid loader 2015 JCB 280 skid loader, 105 hrs 2015 JD 323 E track skid loader, 140 hrs. 2013 JCB260 skid loader 2008 JCB 536-60 Agra telehandler 2,800 hrs

2013 JD 323D track skid loader, 560 hrs.

HAY EQUIPMENT

2018 Vermeer BPX, 9010X bale processor New H&S AR 12 wheel carted rake

COMBINES

1986 Case IH 1063 cornhead with corn reel 2004 Case IH 2366

AUGER & GRAIN CARTS New Parker 839 grain cart Parker 510 grain cart, cor-

ner auger Ficklin CA9600 grain cart, 500 bu.

MISCELLANEOUS

New Wemhoff 10' & 12' Box Scraper Patriot 37' header trailer JD 637 29' disc

00 · · · · 02 · 0 · · · · 0,000	
Ford TW10\$17,500	
— HAY —	
'08 JD 275\$7,950	
'13 JD 569 Baler\$30,000	
'10 JD 568 Baler\$26,500	
'01 Vermeer 605\$11,500	

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New Rhino 3150 15 Batwing rotary cutter JD 38 9' sickle mower Douglas Welding post puller for skid steer 2006 Case IH 1200 16 row 30 stacker planter 2008 Case IH 1200 16 row 30 stacker planter New Rhino TW 27 rotarycutters New Rhino 1540 10' Hyd. blade New Danuser Intimidator

skid steer tree puller Icon 1632 grader rear steer





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2004 Challenger MT425B cab PFA, 1,600 hrs, power shuttle, 16x16 power shift, 3 remotes, 1000 RPM PTO shaft incl., 18.4x30 rear tires. Clean, good cond. Stk#6582...... Coming In 2010 AGCO Hesston 9635. 2,035 eng. hrs, 1,400 header hrs. Trimble 750 auto steer, dbl. Windrow attach., very clean, well maintained. Stk#6950 AGCO Hesston 9190 Razor bar rotary disc header, Stk#6951 \$69,900 NH 616 Rotary disc mower. very clean, kept services, 7'-8" swath\$5,900 2015 MF 3710 spreader 175 bushel, lightly used. Stk#3480 consigned \$7,900 2015 MF 4608 platform 2WD tractor, 755 hrs, 2 remotes, power shuttle, very good cond., 67 PTO HP. Stk#6861\$25,400 Case IH 8460 round baler Hesston 560, new belts 3 yrs ago, good tires, kept inside. Stk#4777.....\$4,400 Farm King RS16FK 16 wheel Hy Capacity rake. Stk#2836\$10,900 1990 MF 8570, 5,445 eng. hrs w/ AG leader PF3000 yield monitor, very clean, well maintained, stk#2361 \$24,900 MF 9750 20' flex header Incl. w/8570 Stk#2987 MF 9483 8 row corn head Incl. w/8570 Stk#2988 ASV RT30 Compact Track Loader, eclosed cab & heat, 48" bucket. Stk#5918.....New In Stock Pick-up Bed from 2018 Dodge

Ram 2500, single axle, black, nearly new. Stk#Consigned.\$2,200 IH 800 Cyclo 6-row air plant-

er. Used last in 2014, with monitor, new tires & down pressure springs, corn, bean & milo drums, liquid fert. w/ Jon Blue pump. Stk#6448 Consigned.....\$2,900 MF TD1620 hay Tedder. Stk#4127.....New In Stock MF TD 1635 hay Tedder. Stk#4082.....New In Stock New Holland 678 Round Baler, Think 2000 yr model, setting in barn unused for a few years. 200 bales on belts that were new 6 yrs ago. Rebuilt pick-up & twine arms. Stk#6447 Consigned \$7,900 2012 MF 2856A round baler, 3.947 bales, twine & mesh. fuly auto cycle w/ On Board hydraulics, hyd. pickup, fire extinguisher, C1000 monitor, serviced and ready to go. Stk#1551 Promotional Financing......\$29,900 2010 MF 1839 small square baler, hyd bale tension, Hyd PU. 50k bales, fully recond. Harvest Tech Hay Boss preservative system. Stk#5159. 0% Promotional Financing\$19.900 Diamond side mount mower, 64" wide, Ser#2142 CALL

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USED TRACTORS 13 Case IH Magnum 315, 1455 hrs 11 Case IH Farmall 65A MFD ldr. 2413 hrs. '01 Case IH MX220 MFD, 6,060 hrs

MISCELLANEOUS 14 Case IH 5130 Combine, 4wd 775 engine hrs, 518

- sep. hrs 11 Case IH 3406 corn head w/ trailer
- 10 Case IH 2020 flexhead 30' w/ air reel
- 89 Case IH 1063 corn head 14 Case IH WD1203 SP windrower, 14' hd, 380 hrs

'09 Case IH RB564, 3,600 bales Vermeer 604M

'12 Case IH 1250 16x30 w/ liquid fertilizer 2- 2012 Case IH 1250 planter, 16x30 '06 Case IH 1200 PT 12/30 planter '02 Case IH 4300, FC 27' GP Turbo-Till 3000 JD 8' wheel disk

EMPLOYMENT

ATTENTION CDL DRIVERS: Openings now available with Salina based company. Box van or reefer. Benefits, competitive wages, per diem. Call 785-820-0094. Home most weekends.

K-State Research and Extension-Pottawatomie County, is accepting applications for a full time Office Professional Bookkeeping, interpersonal skills, & computer knowledge are required. Applicant must also be well organized and able to multi-task. Benefits include health insurance and retirement. Base salary is \$13 per hour but rate will be based on education and years of experience. Applications required, they may be obtained from the Pottawatomie County

Extension Office, at pottawatomie.ksu.edu or by calling (785) 457-3319. Resume accepted with application. Applications due to the Pottawatomie County Extension Office, 612 E. Campbell PO Box 127, Westmoreland, KS 66549 by 4:30 p.m. on November 30th, 2018.

Criminal background check required. K-State Research and Extension is an EOE.

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'Options for Feeding the Cow herd" and "Livestock Thefts in Kansas" will be the topics covered at a beef meeting scheduled for November 27th, 7:00 p.m. at the Overbrook Livestock Commission Company, 305 West 1st Street in Overbrook.

This summer's drought and the lateness of spring has left many producers short of hay for this winter's feeding period. The hay shortage coupled with droughty pasture conditions has led to more corn being cut for silage than any time in the recent past. Thus questions have arisen like,"What's the best way for me to feed my cows through the winter?" ; "Do I limit the time they can eat hay?"; "Can I put them on grain?"; and "How much silage should I feed?" Jaymelynn Farney, KSU Beef Systems specialist, will discuss these items and many more.

The second topic of

the evening will be "Live- crease or decrease with stock Theft in Kansas." Kendal Lothman, special agent with the Kansas Attorney General's Office assigned to the Livestock and Brands Investigation Unit, will be on hand to discuss his role in livestock theft investigations. He will explain how and when he becomes involved in an investigation. He will also described case trends such as when most thefts are reported and if the case loads in-

in just six months when

a major retailer called

for so much more in 2016

that the Tyson team first

wondered if it would take

two or three years, Gerber

consumers what they de-

mand is important to all

of us," he said, explain-

ing why five of six com-

pany plants turned away

from Holsteins, and bids

are down for Select grade

want Selects anymore,'

"Very few consumers

What they do want, the

whole world knows about

in short order these days,

thanks to technology, said

Kevin Hueser, Tyson vice

president of beef pricing.

controlled purchasing de-

product—what they knew

about it? Prior to 2010,

they transferred that in-

formation word-of-mouth

to a pretty small circle of

trolled the product, made

what we wanted and told

them what we wanted

them to know," he added. "Well, what's changed?

Our relationship: the bal-

ance of power shifted to-

buying decisions, but also

user-generated informa-

tion on platforms like

Snapchat, Facebook and

mation they generate,

whether they like it. don't

like it, the experience,

have they heard something

bad about it or something

good about it-and don't

forget most consumers are

at least two generations

removed from a farm.'

Hueser said. "They don't

know where food comes

from; they only know what

they see on TV, and what

they know is what they

labels, have demanded

some ingredients or addi-

Consumers do read

"The amount of infor-

They still control the

ward consumers."

Pinterest.

share."

"As the seller, we con-

friends," Hueser said.

Consumers have always

"Did they like the

"That ability to give

the cattle market. In addition, Lothman will give producers ideas of what they can do to reduce the risk of cattle theft. Time will be allotted at the end of the presentations for questions.

If you have questions or need more information about the meeting, please call Rod Schaub, Frontier District Extension Agent, at 785-828-4438 or by email to: rschaub@ksu.edu

Packer talks transparency, trust and demand drivers

said.

beef.

Gerber said.

cisions.

By Steve Suther

Beef packers bridge the gap between producers and consumers, but even "the largest packer in the world" is nothing without its suppliers, John Gerber said.

Stating the obvious to 200 cattlemen at the Certified Angus Beef® (CAB®) brand's Feeding Quality Forum this summer in Sioux City, Iowa, the longtime procurement head for Tyson Fresh Meats set the tone. Every link in the supply chain from ranch to consumer has a role to

"We do billions of dollars of business on a handshake-this is the only industry that can do thatand I hope that never changes," Gerber said.

The best way to ensure those traditional building blocks of trust and lovalty are continued communication and collaboration, with an even greater effort at transparency, he added: "We're going to be wideopen."

Relationships with suppliers met demand for "more CAB-type cattle"

REAL ESTATE AUCTION THURSDAY, DECEMBER 6, 2018 — 7:00 PM Auction to be held at the Catholic Parish Hall, 730 Court St., - CLAY CENTER, KANSAS

929.97 acres of Clay County Cropland & Pasture TRACT 1: All of Section 10-8-1, Clay County, Kansas. This tract is located in Five Creeks Township and consists of 614.99 acres according to FSA records. There are 484.86 cares classified as cropland which includes 455.08 tillable acres and 29.78 acres of waterway. There are 78.63 acres of grass to the southwest, 45.76 acres of trees, grass and other habitat and 5.74 acres with the old building site to the east. The building site includes 2 large grain bins which go with the property. Soil types on the cropland range from class 1 Muir (Mu) to class 4 Crete (Cx). The fields along the east road are primarily Class 4 Crete (Cx) with small areas of Class 2 and 3 soils. The fields at the center of the tract are primarily Class 2 Crete (Cs) with areas of Class 2 and 3 soils. The fields toward the west line are largely Class 1 Muir (Mu) with an area of Class 2 Crete (Cs) to the north. This is a nice farm which is well located with one mile of frontage along U.S. Highway 24. From the intersection of Highways 15 and 24 in Clay Center go 9 miles west on 24 to the northeast corner of the tract. 2017 taxes: \$9,319.40.

TRACT 2: The East Half (E/2) of Section 3-8-1. Clav County, Kan sas. This tract is located in Five Creeks Township and consists of 314.98 acres according to FSA records. There are 263.07 acres classified as cropland which include 190.23 acres currently under cultivation. 51.19 acres which were formerly farmed but are now in grass and 21.65 acres of waterway. There are 51.91 acres of pasture. The parcels of grass are contiguous and combine to form a 103.10 acre area of grassland at the north end of the tract. Soi types on the cropland are primarily Class 4 Crete (Cx) with a strip of Class 2 Crete (Cs) running down the middle of the tract. This farm is well located just across the highway north of the east half of Tract There is one half mile of frontage along U.S. Highway 24 on the south. 2017 taxes: \$4,109.30.

TERMS: Contracts to close on or before January 20th, 2019. The buyer is to pay 10% down day of sale with the balance due at closing. Title insurance and escrow fees are to be paid 1/2 each by the seller and the buyer. The seller will pay 2018 and all prior years property taxes. 2019 property taxes are to be paid by the buyer. Buyer(s) to receive posses-sion of the entire tract(s) at closing. All cropland will be open for spring planting. Allen Leidig is the tenant and these farms will be sold subject to his rights. The buyer will receive all mineral rights. The contract, deed and down payment will be escrowed at Clay County Abstract & Title Compaay, 509 Court, Clay Center, Kansas 67432. Announcements made sale day to take precedence over printed matter. The sellers and their agents are not responsible for accidents. This farm will sell to the highest bidder. The auction firm is working for the sellers

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Go to kretzauctions.com or kansasauctions.net for the listing, FSA maps and any additional information, updates or changes.

Auction conducted by: Clay County Real Estate Greg Kretz, Salesman & Auctioneer: (785) 630-0701

"They want to know hat's in the nroduct

tives be listed.

they're consuming," he said. "As sellers, we still control the product or service, but we're catering to a much different consumer."

In terms of premium products, Hueser said those definitions are changing in consumer eyes, too. Marbling in beef may have been the most important trait decades ago, and it may be still. But now, premium beef means marbling plus information.

"It's not just about fancy or expensive," he said. "What about the people who produce it, the people who sell it, what does it mean to me, what does it mean to them? How are the animals raised, is the environment being taken into consideration?'

That's why Tyson continues to launch consumer-facing initiatives to reduce the supply chains' impact on the environment and water and ensure humane animal care. Gerber and Hueser said. The company has pledged to reduce water usage 13% by 2020, and greenhouse gas emissions 30% by 2030.

By the first day of 2019, the Tyson supply chain will be 100% Beef Quality Assurance (BQA) certified, they noted. A very large customer's promise to its customers helped drive that initiative.

"We also need to do it because it is the right thing to do," Hueser said. "You've been in business a long time; you know mistreating animals is not profitable. Nor is it morally right. Tell the story.

"Not everyone out there wants to see cattle production be successful," he said. "Unless we're transparent, unless we talk about the good things we're doing and the way our product is raised, others will tell those stories and we're going to lose that battle."

In August, Tyson became the first packer licensed with Kansas-based Progressive Beef LLC, which operates a feedyard program focused on cattle care, food safety and sustainability, all USDA-audited. Hueser said the packer aims to purchase much of its beef through that channel as relationships grow. "It's not going to happen in six months, or maybe even three years, but we're going to get there." forward-look-That ing promise applies to the blockchain system of traceability and information sharing up and down the supply lines, too, he added. "We need traceability to inform consumers and to protect our livelihood," Hueser said. "We have to get there." For more information on the meeting proceedings, visit www.feedingqualitvforum.com.

Overbrook beef meeting to cover cattle feeding options, livestock theft

'96 Sunflower 1232-29 disk '07 Case IH 340 25' disk Case IH 730B Ecolo-Tiger

2- Case IH 6500 conser till, 14'

'89 Case IH 1020 25' IH 863 cornhead JD Frontier RC2084 rotarv cutter NH 1465 MoCo, 9'

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Simmental sires recognized by Integrity Beef Alliance

Simmental sires are now recognized by Integrity Beef Alliance (IBA) as part of their value-added program. IBA is a comprehensive beef production system, through which members can utilize standardized management practices, marketing outlets, data utilization, assistance procuring replacement cattle, and additional support. IBA's Terminal Calf Program provides members with the option of participating in a value-added calf sale and offers producers additional support such as data consultation. The Replacement Female Program offers producers the opportunity to market females to IBA Terminal Calf Program participants. IBA helps members produce a product that exceeds consumer expectations.

"Integrity Beef Alliance is pleased to announce the recent inclusion of the Simmental breed as an approved bull for use in the value-added program," said Robert Wells, Alliance executive director. "Simmental cows were already approved. We believe this will allow commercial producers utilizing Simmental genetics an additional opportunity to be recognized and receive premiums for all the value-added traits they build into their cattle. Integrity Beef Alliance has an 18-year track record of producing high-quality value-added calves for the industry and which consumers are demanding."

Chip Kemp, American Simmental Association director of commercial and industry operations, expressed ASA's enthusiasm about ASA's relationship with IBA. "The inclusion of SimGenetics into the Integrity Beef Alliance program is a win for all involved," said Kemp. "This allows those savvy, profit-focused commercial producers involved with IBA the freedom to incorporate today's Simmental influenced genetics to add serious value to their feeder calves and to add meaningful maternal merit as well. The evolution of SimGenetics, and the fact that this evolution is backed with fact-based science, makes for an ideal complement

to the predominant cow base in the south central U.S. The data is clear, the overwhelming majority of commercial operations can benefit from an infusion of Simmental genetics. We are pleased the IBA leadership team has welcomed SimGenetics into their progressive and highly regarded data-driven program."

To learn more about IBA, please visit www.integreitybeef.org.

invests \$40 million into the seven contractors Calls a win for an inter complement tegretrybeet.org.

The Cattlemen's Beef Promotion and Research Board will invest about \$40.5 million into programs of beef promotion, research, consumer information, industry informa-

necko

tion, foreign marketing and producer communications during fiscal 2019, subject to USDA approval. In action at the end of its Sept. 11-12 meeting in Denver, the Operat-



Pelvic measured ~ Vaccinated BVD-PI negative ~ Culled for Disposition Known & Trusted Genetics Al Bred, due starting Feb. 1, 2019 to Connealy Comrade (CED 17, BW -3.9) and Tehama Tahoe (CED 17, BW -1.7) Clean up bulls: calving ease/low birth weight Blythe registered Angus bulls

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ing Committee approved checkoff funding for a total of 14 "Authorization Requests" - or proposals — brought by seven contractors for the fiscal year beginning Oct. 1. 2018. The committee, which includes ten producers from the Cattlemen's Beef Board (CBB) and 10 producers from the Federation of State Beef Councils, also recommended full CBB approval of a budget amendment to reflect the split of funding between budget categories affected by their decisions.

The seven contractors had brought a total of \$45 million worth of funding requests to the Operating Committee, almost \$5 million more than what was available from the CBB budget.

"The members of the Operating Committee listened with open minds as contractors presented their requests for funding. The committee engaged in respectful debate as they went through the funding for each request, mindful of program committee comments from summer convention," said CBB



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CALL KEY FEEDS TODAY 1-800-432-7423 OFFICE chairman Joan Ruskamp, a feedlot owner from Nebraska.

"Trimming nearly 4.8 million dollars to meet the budget of \$40,521,900 was not an easy task, yet the committee remained focused on program funding that would best strengthen demand for beef," she said.

In the end, the Operating Committee approved proposals from seven national beef organizations for funding through the fiscal year (FY) 2019 CBB budget, as follows:

National Cattlemen's Beef Association (NCBA) five proposals for \$27.4 million;

U.S. Meat Export Federation (USMEF), a subcontractor to NCBA (one proposal for \$8.3 million); North American Meat

Institute (four proposals for \$1.9 million); CBB (one proposal for

\$1.7 million);

American Farm Bureau Foundation for Agriculture (one proposal for \$700,000);

Meat Import Council of America (one proposal for \$417,000); and

National Livestock Producers Association (one proposal for \$60,000).

Broken out by budget component, the FY 2019 Plan of Work for the CBB budget includes:

\$10.5 million for promotion programs, including continuation of the checkoff's consumer digital advertising program, as well as veal promotion

\$9.2 million for research programs, focusing on a variety of critical issues, including pre- and postharvest beef safety research, product quality research, human nutrition research and scientific affairs, market research, and beef and culinary innovations \$7.6 million for consum-

er information programs,

including a Northeast public relations initiative; national consumer public relations, including nutrition-influencer relations and work with primaryand secondary-school curriculum directors nationwide to get accurate information about the beef industry into classrooms of today's youth

\$3 million for industry information programs, comprising dissemination of accurate information about the beef industry to counter misinformation from anti-beef groups and others, as well as funding for checkoff participation in a fifth-annual national industry-wide symposium focused on discussion and dissemination of information about antibiotic use

\$8.3 million for foreign marketing and education in 80 countries in the following regions: Association of Southeast Asian Nations (ASEAN) region, Caribbean, Central America/Dominican Republic, China/Hong Kong, Europe, Japan, Korea, Mexico, Middle East, Russia/ Greater Russian Region, South America, Taiwan, and new markets

\$1.7 million for producer communications, which includes investor outreach using national communications and direct communications to producers and importers about checkoff results; as well as development and utilization of a publishing strategy and platform, and a state beef council content hub

The full fiscal 2019 budget is \$43.9 million. Separate from the authorization requests, other expenses funded include \$227,000 for evaluation; \$300,000 for program development; \$800,000 for USDA oversight/CBB legal; and about \$2 million for administration.

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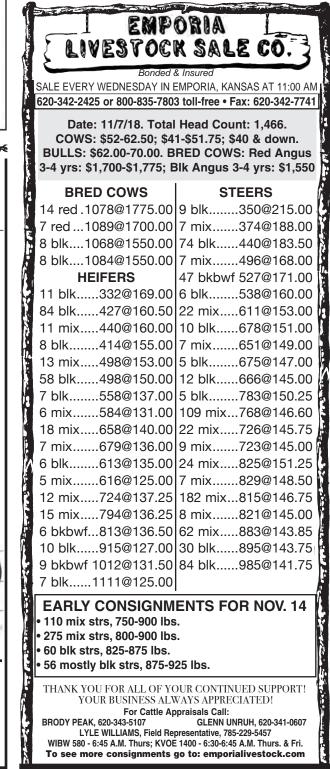
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Grass & Grain, November 13, 2018 Structural shifts in the dairy industry lead to a new era of price cycles

Dairy farms with more than 1,000 cows now comprise nearly 50 percent of the dairy industry, up from only 29 percent the decade prior, showing consolidation of dairy operations has increased significantly. These larger dairy operations have taken advantage of economies of scale to survive the price cycles the dairy industry has come to know. Now, the dominance of these larger dairies has led to a structural shift, which may mute the

price cycles in the years ahead and lead to longer periods of lower prices. according to a new report from CoBank's Knowledge Exchange Division.

Since the mid-1990s, the dairy industry has operated in fairly predictable three-year price cycles. Dairy producers generally expanded their operations after a profitable year during this cycle, while some struggling operations were sold or merged during the low points in the cycle. Beginning in 2015, a prolonged period of low milk prices has strained most smallscale dairy farms without the relief of the expected peak year of price recovery

"The new reality is a milk supply that is less responsive to short-term price shocks since that supply is coming mostly from large operations that can withstand lower prices," said Ben Laine, senior dairy economist with CoBank's Knowledge Exchange Division. "Smaller

dairy operations are finding it nearly impossible to compete in the commodity milk market against their larger counterparts, so they are forced to either leave the business or find a higher value niche market for their milk."

The consolidation effect is self-perpetuating, according to Laine. As consolidation happens, larger dairies are best positioned to keep producing milk, despite lower prices, which keeps prices low and puts pressure on

the smaller dairies.

This new reality in the industry comes with some new risks, according to Laine. "The largest risk with a densely concentrated milk supply is disease or natural disaster," said Laine. "A disease outbreak or natural disaster could quickly impact a much larger share of dairy production when it is concentrated in fewer farms."

Likewise, the new structure of the dairy industry is not completely

negative for smaller dairies. While large operations can produce a lot of milk for lower costs, smaller dairies can adapt much more quickly, said Laine.

Page 19

"Smaller dairies can position themselves to adapt to new market realities," said Laine. "They tend to be much closer to consumers and can more quickly respond to market opportunities like organic, grass-fed, local and other options marketed as premium dairy products."

udy finds that larger pigs stil tender pork ea]

In a consumer-driven business, the pork industry benefits from giving grocery shoppers what they're looking for.

So meat scientists' recent findings that consumers are routinely happy with larger cuts – and the resulting tenderness profiles – can be looked at as good news for pork producers.

"One of the results of increased genetics and improved nutrition is that the pork industry has been able to get pigs to heavier market weights a lot more efficiently," said Travis O'Quinn, a meat scientist with K-State Research and Extension

"When we harvest those animals at heavier weights, the resulting impact is that we end up with larger cuts that come off those animals, ultimately resulting in larger pork chops when consumers go to the grocery store."

In taste-test panels conducted recently at Kansas State University, consumers rated pork from larger animals as more tender, and they actually preferred thicker cuts of meat in side-by-side visual comparisons with thinner cuts. "We brought consum-

ers in and fed them the pork chops and didn't tell them anything about them other than that they were pork chops," O'Quinn said. "The consumers' (responses indicated) that the bigger the animal was, the more tender the product was. When we looked at flavor and juiciness and how much they liked their product overall, there was no difference. We were able to see in the heavier-weight pigs that we did have more tender products."

Consumers also responded to questions related to packaging of pork. O'Quinn noted that larger cuts could mean that retail packages are larger, meaning that even though the price per pound remains the same, the overall price for larger cuts is higher compared to the overall price for thinner cuts.

O'Quinn said consumers mistakenly thought the price per pound was too high, rather than realizing that the overall price was higher due to the higher weight of the chops in the package.

"To our surprise, when we had the case with no information. the consumers generally liked the bigger chops," said Emily Rice, a K-State graduate student who conducted the study under O'Quinn's supervision. "But when we put the prices on there, there became a limit to how big those chops could actually be for the consumers to say they were willing to actually purchase them.

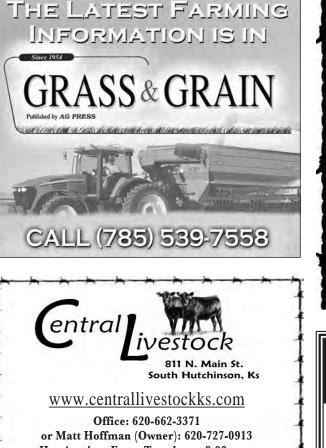
The study's results will be presented during the K-State Swine Day, scheduled for Thursday, Nov 15, at the K-State Alumn Center in Manhattan. The study was supported by the National Pork Board Minnesota-based and

Holden Farms.

"When we look at the results of this study, it really is a win-win situation." O'Quinn said. "Producers know they are producing a high-quality product. If all trends continue in the industry, and we continue to get larger pigs in the next ten to fifteen years, we don't have to worry about the quality being negatively impacted. If anything, we could improve the tenderness of the pork just by having these animals naturally get bigger as they will over time."

"Overall, He adds: that's good news for the consumer. They have the ability to know with confidence that the pork they are purchasing today will be just as tender, if not more tender, in the future as they continue going. So it really is a positive for consumers."

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Junction Hwys 36 & 81 Belleville, Kansas

Hay Auction- Every Tuesday at 9:00 a.m. Cattle Auction- Every Tuesday at 10:00 a.m. Hog/Sheep/Goat Auction- Every 3rd Saturday Horse/Tack Auction- Every 1st Saturday

Tues., Nov. 20th- Bred Cow/Pair Special Tues., Nov. 27th- Holstein Special Sat., Dec. 1st- Horse & Tack Sale Tues., Dec. 11th- Calf/Yearling Special

Holton Livestock Exchange, Inc.

1/2 mile East of Holton, KS on 16 Highway Livestock Auction every Tuesday at 12 NOON Serving the Midwest Livestock Industry for 67 Years! ****STARTING TIME: 12:00 NOON****

MARKET REPORT FOR TUESDAY, NOVEMBER 6, 2018 RECEIPTS: 860 CATTLE VIEW FULL RESULTS ON OUR WEBSITE

	LL NESULI	S UN UUR V	EDSITE.		
STEI	ERS	HEIFERS			
6 blk red strs	426@182.00	4 blk hfrs	312@175.00		
4 blk strs	461@177.00	3 blk hfrs	421@167.50		
7 blk strs	505@176.00	5 bwf rwf hfrs			
6 blk char strs	621@165.50	3 blk bwf hfrs			
14 blk bwf strs	619@164.50	11 red blk hfrs			
7 bwf rwf strs	635@161.50	6 blk hfrs			
10 bwf rwf strs	718@158.50	8 bwf rwf hfrs			
14 blk gry strs	577@158.00	5 bwf hfrs			
6 blk char male	s 575@150.00	5 blk red hfrs			
6 blk strs	700@143.00	11 blk char hfr			
6 bwf rwf strs	664@141.00	7 blk bwf hfrs 9 blk hfrs	551@140.50 683@139.50		
7 blk strs	894@140.50	7 blk red hfrs			
5 herf strs	702@139.00	6 blk hfrs			
3 blk x strs	783@114.00	4 blk hfrs	832@135.00		
5 blk hol x strs	916@108.00	7 blk bwf hfrs			
3 red hols strs	653@101.00	5 bwf rwf hfrs	859@129.50		
6 hols strs	615@79.50	3 blk hfrs	660@126.00		
5 hols strs	582@76.00	3 blk hfrs	1005@120.00		
9 hols strs	724@74.50	6 blk hfrs	1050@114.00		

SATURDAY, NOVEMBER 17: REAL ESTATE & FARM AUCTION FOR ROBERT & EVA BOWSER, EMMETT, KS

TUESDAY, DECEMBER 4: SPECIAL 67TH ANNIVERSARY CALF AND YEARLING AUCTION

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

View our auctions live at "Imaauctions.com"

2595 SE Highway 54, P.O. Box 622, El Dorado, KS 67042

Market Report - Sale Date 11-8-18. 1,830 Head.

300-400 lb. steers, \$125-\$174; heifers, \$120-\$162; 400-500 lb. steers, \$120-\$174; heifers, \$110-\$162; 500-600 lb. steers, \$120-\$169; heifers, \$100-\$145; 600-700 lb. steers, \$115-\$159; heifers, \$100-\$140; 700-800 lb. steers, \$115-\$152; heifers, \$100-\$135.00; 800-900 lb. steers, \$100-\$150.00. Trend on Calves: Choice Steer & Heifer Calves unweaned, steady to \$5 lower; Steer & Heifer Calves weaned longtime with shots, steady to \$5 higher. Trend on Feeder Cattle: Several loads of feeder strs sold very well, \$5 higher from last good test. Butcher Cows: High dressing cows: \$45-\$58; Avg. dressing cows: \$35-\$45; Low dressing cows: \$20-\$35. Butcher Bulls: Avg. to high dressing bulls: \$57.50-\$70.50. Trend on Cows & Bulls: Butcher Cows, steady to \$4 lower; Butcher Bulls, \$3-\$5 lower.

BRED COW SALE THURSDAY, NOVEMBER 15:

40 Fall pairs with 60 day old calves • 10 pairs, 3 in 1

- 10 Blk & rwf heavy bred cows, 3 to 6 yrs old
- 25 Pairs, started calving Aug. 27th
- 15 Blk heavy bred cows, 5 yrs old
- 15 Running age pairs
- 20 Spring calving cows
- 50 Red Angus/Hereford cross bred heifers, bred to Red Angus bulls to begin calving in January for 45 days
- 25 Mostly blk 3 to 6 yr old cows, few have already calved
- 10 Blk pairs, 5 yrs old and up, with 6 week old calves
- 7 Blk spring calving heifers, bred to Angus bull to calve in
- Feb/March
- 13 Blk 4 & 5 yr old cows, bred to Angus bulls to calve in Feb/ March
- 3 Blk 1st calf heifer prs, 1050 lbs., with black calves
- One 4 yr old Korte Angus bull
- 50 BlkAngus & Red Angus cows, 8 to 10 yrs old, bred to Reg. Angus bulls to calve in Feb/March
- 12 Pairs, been exposed to Char bull, 3-5 yrs old
- 25 Some pairs, rest heavy bred, 5-8 yrs old

We welcome your consignments! If you have cattle to consign or would like additional informa-tion, please call the office at 316-320-3212

Check our website for updated consignments: www.eldoradolivestock.com

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

Chris Locke	Steven Hamlin
(316) 320-1005 (H)	(602) 402-6008 (H)
(316) 322-0675 (M)	(620) 222-1199 (M)
Larry Womacks, Fieldman	Van Schmidt, Fieldman
(620) 394-3273 (H)	(620) 367-2331 (H)
(620) 229-0076 (M)	(620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

On Thursday, November 8, we had 687 head of cattle on a steady market. Packer cows & bulls \$3-\$5 lower but active.

620-583-5008 Office 620-583-7475

Sale Every Thursday at 11:30 a.m. Sharp

Like Us On Facebook!

ST	TEERS	26 bkbwf	795@143.50	4 blk	758@147.00
11 blk	449@172.00	6 bkSmX	643@142.00	8 limX	499@146.25
3 limX	475@159.00	4 blk	774@140.00	11 mix	803@143.00
8 limX	538@156.00	6 blk	749@139.75	12 blk	518@142.50
17 bkred	609@148.00	6 Bfmstr	643@137.00	3 bkbwf	793@141.00
7 bkbwf	628@148.00	HE	EIFERS	7 blk	559@135.00
12 bkred	679@147.00	15 bkred	444@158.00	9 bkbwf	602@134.25
5 bkbwf	587@146.00	2 bkbwf	420@156.00	4 Bfmstr	591@129.50
9 bkred	750@145.50	59 mix	688@152.10	3 Bfmstr	657@128.00
4 blk	770@145.50	6 blk	478@149.00		
8 LimX	610@145.00	5 blk	604@148.50		

Butcher Cows: \$25-\$61, mostly \$35-\$55, \$3-\$5 lower but active. Butcher Bulls: \$60-\$69, mostly \$64-\$68, \$3-\$5 lower but active. Large number of packer cows & bulls making the cows and bulls selling much lower.

BUTCHEI	R COWS	2 blk	1423@53.00
1 blk	1680@61.00	BUTCHE	R BULLS
1 blk	1585@61.00	1 blk	1610@69.00
1 blk	1685@60.00	1 blk	1935@68.00
1 blk	1115@59.00	1 blk	1605@66.00
1 bwf	1505@58.50	1 blk	1965@65.00
2 bkbwf	1495@58.00	1 blk	2035@64.00
2 bkChar	1723@56.50	BRED COWS	: \$450-\$1,260
3 bkbwf	932@54.00	10 blk 5-6yrs P3	1181@1260.00
3 blkred	1467@53.50	13 blk 5-6yrs P2	1058@1225.00

SPECIAL WEANED CALF or VAC. CALF & YEARLING SALE: NOVEMBER 15

- 130 mixed strs & hfrs, 800-950 lbs. 1 load 950# strs, 1 load 850# hfrs.
- 112 mostly blk strs, 850-900 lbs, off the grass, 2 loads.
- 70 mixed strs & hfrs, 750-900 lbs, off the grass.
- 80 Angus strs, 875-925 lbs, home raised & off the grass.
- 100 Angus strs & hfrs, 500-650 lbs, double vac off the cow.
- 67 Angus strs & hfrs, 450-650 lbs, double vac. off the cow.
- 40 blk red strs & hfrs, 400-600 lbs, double vac off the cow.
- 70 blk Char strs & hfrs, 500-750 lbs, double vac & weaned 40 days.
- 47 Angus strs & hfrs, 450-625 lbs, double vac & weaned 40 days.
- 40 blk red strs & hfrs, 450-700 lbs, double vac & weaned 40 davs.

NO SALE NOVEMBER 22

We appreciate your business!

Ron Ervin - Owner-Manager Home Phone - 620-583-5385 Mobile Cell 620-750-0123 Austin Evenson- Fieldman Mobile Cell 620-750-0222

If you have any cattle to be looked at call Ron or Austin

Farmer-driven EatWheat campaign reaches millions of consumers

The phrase heard around the agriculture world is "tell your story." Today most Americans are three generations removed from the farm so tales from the tractor are more important now than ever. Wheat farmers saw this need, and their conduit of conversation, Eat-Wheat.org, is celebrating its first year of operation.

EatWheat allows the wheat industry to speak with one voice in an effort to reclaim the national conversation on wheat and share one primary message among numerous influencers while we dismantle the false promises of wheatless diets.

When urban consumers

look down at their plate, many don't know how that food came from the farm to their table. While it may not be a topic of constant thought, many have begun to wonder about the farmers who produce the food they consume and the processes used to create such a bounty.

Grass & Grain, November 13, 2018

Kansas wheat farmers are the driving force behind the EatWheat.org campaign, which aims to create awareness of farm and production practices through the lens of food as identity. And the food that we think can connect best is, of course, wheat. It's simple. It's versatile. It's natural. And it doesn't matter if it's homemade for hours, or picked up at the grocery store ready to go – it's a simple and natural way to connect to others and yourself.

After a year of operation, the good news is that the conversation is working. EatWheat's Facebook follower count now ranks in the thousands and Instagram is ever-growing. Videos produced sharing the story of American agriculture have garnered tens of thousands of views. Fast-paced videos showing quick and easy wheat-based recipes have amassed more than 70,000 views on Facebook alone. But the real value in the social media world is the conversations that have

been had with consumers who simply want to know where their food comes from.

During wheat harvest, nine food bloggers visited a Kansas wheat farm, flour mill and the Kansas Wheat Innovation Center. They baked with fellow blogger and popular cookbook author Zoë François of Artisan Bread in Five Minutes a Day. These bloggers shared their experiences learning about wheat on their blogs and with their 5.4 million social media followers.

More than 120,000 visitors have made their way to EatWheat.org during its inaugural year. These viewers typically come to the website to grab some quick-and-easy recipes, but they stay to learn more about where their food comes from.

EatWheat's standout traffic performer this first year was Pinterest. The popular Pinterest account has garnered around 3 million views per month on the wheat-based ideas shared on our feed. This totals more than 30 million pairs of eyes on wheat recipes in the last ten months alone. While not every pin shared on the account comes from EatWheat.org, every pin is wheat related. Every carb-tastic idea seen means that fewer fad diet ideas are shown, which leads to consumers

rediscovering wheat in their family's diets.

Now is the time to have these conversations with consumers. Wheat food consumption is on the rise for the first time in several years. In 2017 wheat for food use rose 14 million bushels over the previous year and flour consumption rose slightly to 131.8 pounds from 131.7 pounds per capita.

If you're interested in learning more about the EatWheat project, please visit EatWheat.org and amplify these messages by sharing social media posts at facebook.com/eatwheat. org, instagram.com/eatwheat/ and pinterest.com/ eatwheatorg/.

November is best time for controlling winter annuals

By James Coover, Crop Production Agent, Wildcat Extension District

The best time to control winter annuals is when they are small in November. Two of our main winter annuals that are hard to control are henbit and marestail, but pennycrest, dandelions, wild pansies, downy brome, and many others can all be problematic winter annuals in the field. In pastures, November is a good time to control musk thistles as well.

With our adequate soil moisture and periodic rains, winter weeds are continuing to germinate. Waiting to spray during a mild stretch in very late fall, even into December, can be ideal. Trying to spray down marestail and henbit in the spring can be difficult, because they are very hard to kill once they have bolted. This can be especially problematic in no-till where herbicides are required for control rather than tillage before planting.

Some herbicide options provide residual control into the early spring. Atrazine is a cheap and effective, however it can only be used if the plan is to plant corn or sorghum in the spring. Some other restrictions with atrazine are to not sprav it around open water and only 2.5 lbs. of Atrazine can be applied per acre in a calendar year. Atrazine used in November should have enough carrvover to control some early germinated summer annuals such as kochia and lambsquarter. Atrazine can be mixed with 2-4D, Dicamba or Sharpen to provide a better control of marestail. Atrazine doesn't control brome of volunteer wheat once they have tillered and should therefore be

Authorized Independent Dealer

mixed with glyphosate and an AMS adjuvant.

For soybeans, fall herbicides include 2-4D, Dicamba, Sharpen, Valor XLT and others. And the addition of glyphosate can help control winter grasses.

Some weeds, especially marestail, can have herbicide resistances to glyphosate, atrazine, or acetolactate synthase (ALS) containing herbicides like Valor or Classic. It is important to use herbicides with different modes of action and to follow herbicide label instructions on rate of usage. Another issues are that residual herbicides eventually lose their effectiveness and won't control weeds into the summer months. Most residual herbicides, like Atrazine, last longer during winter months because cold temperatures reduce their breakdown rate but effectiveness is reduced when soil temperatures, biological activity, and soil moisture increase.

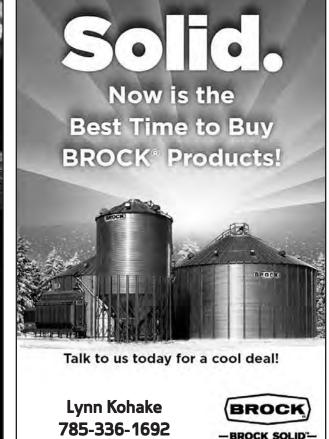
Here in southeast Kansas we have had our first light frost but nothing close to a hard freeze yet, so the winter annuals are growing quickly. Right now they are small but very numerous. All the rain and cool but not freezing weather has been perfect for them. Currently winter annuals are moving their carbohydrates into their roots preparing for winter. Spraying them now will cause the plant to move the herbicide into their roots as well, giving a much more effective kill. Much of the informa-

Much of the information in this article comes from K-State Extension's weed specialist, Dallas Peterson.

If you have any questions about controlling winter weeds in fields, please contact James Coover, Crop Production Agent, Wildcat Extension District, jcoover@ksu.edu, (620) 724-8233.



WESTFALL O'DELL TRUCK SALES





S	el	l	A	lt		Si	f	٨	1	n	1
	Sell Or Buy	Cat	ttle	By Auctio		STARTING 10:30 A		Tues	day	s	
We sold 1873	3 cattle Novemb	per 6. There wa	s good demand	STOCKER & FI	EDER HEIFERS	1 red cow	1565 @ 60.00	1 char cow	@ 900.00	4 blk/bwf cows/cv	s @ 1160.00
			to \$3.00 higher.	20 blk/red hfrs	645 @ 149.00	2 blk cows	1415 @ 57.50	10 blk/bwf cows	@ 885.00	4 blk/bwf cows/cv	
				27 blk/bwf hfrs	676 @ 148.50	1 bwf cow	1480 @ 57.00	9 blk/bwf cows	@ 850.00	BUI	
bulls were \$2.0		a y2.00 4.00 10		30 mix hfrs		1 blk cow	1575 @ 56.50	2 blk/bwf cows	@ 810.00	1 blk bull	1995 @ 72.50
-			_	26 blk hfrs	819 @ 140.00	1 blk cow	1440 @ 56.00	7 blk/bwf cows	@ 765.00	1 blk bull	1830 @ 71.75
STEER & BU		19 blk/bwf strs	740 @ 151.00	3 blk hfrs	562 @ 139.00		1470 @ 55.50	1 bwf cow	@ 760.00	1 blk bull	2140 @ 69.00
5 blk/bwf strs	405 @ 182.00	34 blk/bwf strs	643 @ 150.00	70 mix hfrs	837 @ 137.75	3 blk cows	1428 @ 55.00	2 blk cows	@ 735.00	1 blk bull	1880 @ 67.50
7 blk/char strs	444 @ 182.00	50 blk/char strs	821 @ 150.00	6 blk hfrs	580 @ 135.00		1470 @ 54.00	5 blk cows	@ 710.00	1 blk bull	1640 @ 65.50
9 blk/bwf strs	408 @ 181.00	62 blk/bwf strs	930 @ 148.75	5 blk/char hfrs	762 @ 135.00		1475 @ 53.00	2 blk cows	@ 700.00	1 blk bull	2160 @ 65.00
2 blk strs	478 @ 178.00	8 blk/red strs	643 @ 147.50	21 blk/bwf hfrs	835 @ 135.00	1 blk cow	1370 @ 52.50	6 blk/bwf cows	@ 685.00	1 blk bull	1400 @ 63.00
7 blk/bwf strs	497 @ 178.00	15 blk strs	750 @ 147.50	18 blk/bwf hfrs	574 @ 134.50		1345 @ 52.00	2 blk cows	@ 650.00	5 blk bulls	1237 @ 62.50
2 blk strs	465 @ 177.00	42 blk/red strs	783 @ 147.50	7 blk hfrs	591 @ 134.50		1375 @ 51.00	COW/CALF		2 blk bulls	1263 @ 62.50
2 blk/bwf strs	498 @ 177.00	9 blk/char strs	824 @ 147.50	27 blk/bwf hfrs	665 @ 132.75		1310 @ 50.00	3 blk/bwf cows/cvs	@ 1575.00	2 blk bulls	1195 @ 62.00
9 blk strs	537 @ 176.00	49 blk/bwf strs	894 @ 146.75	8 blk/char hfrs	666 @ 132.75		1380 @ 49.50	4 blk cows/cvs	@ 1285.00	1 blk bull	1755 @ 60.00
3 blk strs	408 @ 172.00	20 blk/bwf strs	948 @ 146.00				1315 @ 47.50	11 blk/bwf cows/cvs			1700 @ 00.00
5 blk strs	510 @ 172.00	57 mix strs	914 @ 145.50	19 blk/bwf hfrs	715 @ 132.50				@ 1225.00		
20 blk/bwf strs	549 @ 171.00	7 blk/bwf strs	686 @ 145.00	6 blk hfrs	882 @ 125.00		1310 @ 47.00	CONSIGN		OR NOVEM	IDED 19.
9 blk strs	481 @ 170.00	66 blk/bwf strs	778 @ 142.75		EIFERETTES	1 bwf cow	1380 @ 46.00				
21 mix strs	546 @ 166.00	61 mix strs	931 @ 142.75	2 blk hfrts	1143 @ 100.00		1205 @ 45.50	• 150 black	steers &	heifers, 55	0-750 lbs.,
1 blk bull	485 @ 165.00	6 blk/red strs	763 @ 142.50	1 blk hfrt	1125 @ 90.00		1320 @ 45.00	weaned, va	ccinated		
3 blk strs	528 @ 163.00	18 blk/bwf strs	860 @ 142.50	1 blk hfrt	1185 @ 85.00		1300 @ 43.50	• 200 blk str	s & hfrs 55	0-650 lbs., we	aned. vacc.
3 blk strs	495 @ 154.00	55 mix strs	877 @ 142.50	1 blk hfrt	1195 @ 80.00		1585 @ 42.50			0-700 lbs., we	
1 bwf bull	390 @ 152.00	21 blk/bwf strs	693 @ 140.00	1 blk hfrt	1260 @ 75.00	1 blk cow	1160 @ 42.00				
1 bwf bull	545 @ 145.00	8 blk/bwf strs	809 @ 137.50	1 blk hfrt	1125 @ 68.00	1 char cow	1235 @ 41.50			0-600 lbs., we	
STOCKER & FE		21 blk/bwf strs	1018 @ 132.50	1 blk hfrt	1115 @ 66.50	1 sim cow	1275 @ 41.00			0-600 weaned	
14 blk/bwf strs	557 @ 166.00		CALVES	1 bwf cow	1210 @ 65.50		1220 @ 40.00	• 80 blk strs	& hfrs 50	0-600 lbs., va	ccinated
3 bwf strs	583 @ 162.00	2 blk hfrs	450 @ 161.00	1 blk hfrt	875 @ 65.00	BRED	COWS	• 38 blk strs	& hfrs 50	0-600 lbs., va	ccinated
7 blk strs	604 @ 156.00	2 blk hfrs	403 @ 157.00	1 blk cow	1765 @ 63.00	2 blk cows	@ 1300.00	• 60 blk strs			
4 blk/bwf strs	604 @ 156.00 604 @ 156.00	22 blk/bwf hfrs	403 @ 157.00 489 @ 155.00	3 blk cows	1565 @ 62.00	1 blk cow	@ 960.00				
6 blk strs	607 @ 156.00	14 blk hfrs	464 @ 153.00	3 blk cows	1565 @ 61.75	3 blk/bwf cows	@ 925.00			lbs., norther	
			464 @ 153.00 447 @ 152.00	1 blk cow	1505 @ 61.50		@ 900.00	• 130 blk str	s 850-875	blbs., norther	n origin 🛛 🛛
6 blk strs	608 @ 155.00	3 blk/bwf hfrs					0 000.00	L			
61 blk/red strs	805 @ 155.00	3 bwf hfrs	442 @ 150.00					0.0110101			
168 blk/bwf strs	836 @ 155.00	19 blk/red hfrs	495 @ 145.00	WAICI	HOUR AU	CTIONS	LIVE ON			OR NOVEN	
15 blk strs	633 @ 154.00	17 mix hfrs	531 @ 141.00		DVAucti	ons.com		• 53 blk strs	& hfrs 55	0-650 lbs., we	aned, vacc.
9 blk/red strs	604 @ 153.50	2 blk hfrs	398 @ 141.00								
				NI 84			araccandar	ain com & logo	• • •		

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

Website: www.rezaclivestock.com AUCTIONEERS: DENNIS REZAC & REX ARB

