

Gabe Spurgeon, South Baldwin Farms

apple orchard? Well, one would think a safe guess would be "apples." Today we'll meet a grower who indeed produces lots of apples and other tree fruit, but he is also developing innovative ideas about his production processes.

Gabe Spurgeon is manager of South Baldwin Farms near Baldwin City. A Missourian, he met his wife in honors college while they were attending Pittsburg State. He earned degrees in math and physics and worked

What grows in the for engineering firms in Joplin and Pittsburg before they moved to Baldwin City so as to be close to her family.

As a kid, Gabe worked in peach orchards during the summertime. After graduating from college, he found he didn't enjoy working inside at a desk.

His father-in-law had purchased a farm south of Baldwin City in 2000 and was having it but had always been interested in having a commercial orchard. They decided to devote part of the farm to the or-

EARLEY TRACTOR Cameron, M0 * 816-632-7277	Hours: MonFri. 8-5; Sat.: 8-12 www.earleytractor.com
Earle Tra	stablished 1968
2014 Case 7230, 2048E, 1385H \$210,000 2012 Case 5130 \$120,000 2011 MacDon FD70 40' \$44,500 2012 Case 2162 35' \$41,000 2015 MacDon FD75, 35' \$52,000 2009 MacDon FD70, 35' \$37,000 2017 MacDon FD75S, 35' \$59,500	TILLAGE/MISC. Case 3900\$18,500 2012 Case 330 34' Turbo\$36,000 Landoll 2227\$10,500 Case 330 Turbo\$36,000 Delta S3 36 Cart\$7,900
Earleytor restablished 1968 TRACTORS 2015 Case Steiger 420, track \$250,000 2019 Case Max 150, 214 hrs CALL 2015 NH Boomer 47, cab, ldr, 39hrs\$39,000 1936 Fordson N \$3,500 Massey 65\$3,900 1936 JH 756\$8,500 1953 IH W9\$2,500 1995 JD 8300\$44,000 COMBINES	Intraducing the Case IH overlibed Pre-Owned Program. Available of scher Case BH Mammin and Stegge Traders Auto Owner Scher Case BH Market Scher Case BH Mark

chard with Gabe doing the day-to-day management. The first apple trees were planted in 2015, with peach and apple trees and other products following.

Today, South Baldwin Farms has some 36,000 trees. Their farm produces apples, peaches, nectarines and blackberries, with cherry trees coming into production soon. South Baldwin Farms has an 11,000-squarefoot facility including a retail storefront, packing facility and 2,400 square feet of cold storage. The farm has a pumpkin patch and a seasonal U-pick operation as well.

Cider is homemade in the fall. "I like it being special," Gabe said. "We use our own apples so it can be fresher with higher quality."

This is not your grandfather's orchard. "The engineer side of my brain is always looking for a better way to do things," Gabe said. For example, he chose to grow dwarf trees which produce quality apples quicker. They are grown in high density, which saves land and labor. "In 2019, we got 500 bushels per acre on some threeyear-old trees," Gabe said. "We're quickly becoming the biggest tree-fruit producer in Kansas."

Gabe continues to innovate. "We went to Australia to learn about high density peaches," he said.

"We got a Kansas Department of Agriculture specialty crop block grant to do a field trial on using netting over our trees which is supposed to protect from hail, windburn, sunburn and bird damage," Gabe said. Through another project, they have found that reflective fabric on the ground can help develop the color of the fruit.

Their blackberries are grown on a rotating trellis, which allows easier harvest, more sun where needed, and protection when it is not needed. "Our sun scald used to be 5 to 10 percent," he said. "Now it's virtually zero."

K-State Research and Extension entomologist Raymond Cloyd has been helpful. "He's been fantastic," Gabe said. South Baldwin Farms is a member of the Kansas Department of Agriculture's From the Land of Kansas program.

Weather can be a

Grass & Grain, August 4, 2020 challenge. A freeze on

Good Friday of 2020 caused a 90% reduction in the peach crop. That is reminiscent of the Armistice Day freeze in the 1940s, when the temperature fell from 70 degrees to 15 degrees in 12 hours. According to the stories, it sounded like a minefield in the orchards, with sap freezing in the trees and the trees literally

exploding. Current apple varieties include Gala, Pink Lady, Honey Crisp, Autumn Crisp, Jonagold, Granny Smith, Winesap, and more. Through the Midwest Apple Improvement Association, more varieties are being explored.

"In our store, a customer might say, 'When

Page 13 were these picked and where did they come from?"" Gabe said. "I like to say, 'I picked them myself, two hours ago.' That's the shortest supply chain you can get."

It's located near the rural community of Baldwin City, population 4,691 people. Now, that's rural.

For more information, find South Baldwin Farms on Facebook.

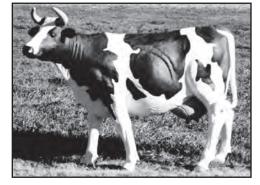
What grows in the apple orchard? In this case, new practices are growing along with the apples. We commend Gabe Spurgeon for making a difference with his innovative ideas, because those don't just grow on trees.

BQA certified by international animal welfare organization

The National Beef Quality Assurance (BQA) program has been recognized as an industry-leading animal welfare program. USDA reviewed and certified that the producer-led program complies with the International Organization for Standardization (ISO) Animal Welfare Management/General Requirements and Guidance for Organizations in the Food Supply Chain.

"USDA's affirmation that the program complies with ISO specifications is an important recognition of U.S. cattle producers' continued commitment to delivering a safe, high-quality beef supply while maintaining the highest animal welfare standards," said NCBA Beef Cattle Specialist Veterinarian Dr. Julia Herman.

FOR SALE: LIFESIZE ALUMINUM HOLSTEIN COW



DELIVERY POSSIBLE! \$1,500 • 785-488-5150



Greg Kretz, Salesman & Auctioneer: (785) 630-0701

Guest Auctioneer: Randy Reynolds, Abilene, KS, 785-263-5627

2-DAY AUCTION REMINDER

DAY 1: SATURDAY, AUGUST 8, 9:00 AM

Held at the air-cond. Herington Community Center located south of downtown at 810 S. Broadway in HERINGTON, KS ANTIQUE FURNITURE, ANTIQUES, COLLECTIBLES & GLASSWARE, JD 20 pedal tractor; pedal car; silk flowers, baskets; HOUSEHOLD & TOOLS DAY 2: SATURDAY, AUGUST 15, 9:00 AM Held at the house located at 120 E. Logan, HERINGTON, KS 1947 IH pickup, complete; concrete figurines; hay mow fork & trolley; Lots of old ornate iron yard fencing w/fancy posts & wire; Lawn & Garden, Antiques, Primitives & More! NOTE: Social distancing and masks are encouraged. LUNCH CLERK: Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432 **IRENE FINLEY ESTATE, SELLER** See last week's Grass & Grain for listings & go to kretzauctions.com or kansasauctions.net for pics & Info Auction conducted by: Kretz Auction Service

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

Buyers showed very good interest on all			Cedar Point	6 blk	489@156.00
classes of cattle for our sale Friday, July			Alma	8 blk	548@154.50
31. Light steer and heifer calves sold \$6 to			Alma	6 blk	517@151.00
spots \$8 higher especially on the weaned			Potter	7 Heref	337@149.00
		tle were selling \$3-	Alma	9 mix	531@147.50
\$5 higher espec	cially on th	he better kind. Cull	Potter	9 Heref	422@144.50
		higher prices with	Pomona	12 blk	500@142.00
the high yieldin	· · · · · · · · · · · · · · · · · · ·	• •	HEIFEI	RS — 550-8	350 LBS.
STEER C	ALVES —	400-550 LBS	Cedar Point	7 blk	561@150.50
Frankfort	14 blk	530@175.00	Alma	6 bwf	576@149.00
McFarland	4 blk	496@174.00	Council Grove	7 blk	578@147.00
Alma	6 blk	530@174.00	Alma	23 blk	652@144.25
Pomona	4 blk	413@170.00	Onaga	19 blk	652@143.50
Pomona	15 blk	526@165.00	Linn	6 blk	600@139.50
Potter	6 Heref	396@152.00	Frankfort	4 blk	635@137.00
STEEF	S — 550	-925 LBS.	Council Grove	5 blk	729@134.75
Council Grove	4 blk	567@172.00	Seneca	13 blk	698@132.50
Alma	15 blk	574@169.50	Berryton	14 blk	705@132.25
Alma	21 blk	590@164.00	Linn	29 blk	689@130.50
Cedar Point	13 blk	601@161.00	Linn	9 blk	775@128.00
Frankfort	20 blk	623@160.00	Alma	5 blk	605@126.00
Alma	8 blk	632@160.00	Berryton	11 blk	842@125.00
Onaga 15 blk 660@156.50		COWS & HEIFE	RETTES —	1,025-1,675 LBS.	
Pomona	7 blk	567@155.00	Wamego	1 bwf	1205@72.50
Alma	22 blk	664@153.00	Westmoreland	1 blk	1675@68.00
Council Grove	6 blk	690@152.00	St. George	1 blk	1490@67.75
Council Grove	15 blk	685@151.00	St. George	1 blk	1135@66.00
Alma	17 blk	733@150.25	Manhattan	1 blk	1040@62.00
Alma	54 blk	703@150.00	St. George	1 blk	1305@60.50
Alma	24 blk	744@148.00	Alma	1 blk	1095@60.00
White City	25 blk	653@147.00	Potter	1 Heref	1180@60.00
Alma	4 blk	732@147.00	Wheaton	1 blk	1140@53.50
White City	56 blk	755@145.50	BULLS	— 1,200-1,	850 LBS.
Alma	31 blk	731@145.25	Riley	1 blk	1660@101.00
Manhattan	8 blk	629@144.00	Riley	1 blk	1705@97.00
Onaga	8 blk	781@142.50	Riley	1 blk	1555@97.00
Council Grove	59 blk	840@141.85	Westmoreland	1 blk	1815@94.00
Berryton	15 blk	791@139.00	Manhattan	1 blk	1330@90.00
Manhattan	4 mix	678@138.50	Westmoreland	1 blk	1215@85.00
Alma	26 blk	831@135.50	Council Grove	1 blk	1840@67.50
Frankfort	10 blk	787@134.00	E	BABY CALVI	ES
Alma	10 blk	854@128.00	Baileyville	2 blk	@150.00
Berryton	16 blk	902@128.00	Baileyville	1	@235.00
HEIFER CA	ALVES —	325-550 LBS.	Wamego	2 blk	@230.00
Onaga	8 blk	536@156.50	Baileyville	2 blk	@225.00

EARLY CONSIGNMENTS FOR AUG. 7

RETIREMENT REGISTERED ANGUS FALL CALVING COMPLETE HERD DISPERSAL SELLING AT 11:30 AM CONSISTING OF

7 (3-4 yr olds) and 7 (2 yr olds). All are A-I bred and cleaned up with Registered Angus bulls for Sept thru Oct calving. ALSO SELLING 7 open yearling replacement hfrs. This herd comes from 33 years A-I breeding, have good dispositions, and all vaccinations

. 60 choice reputation blk strs & hfrs, 650-800 lbs.

- 43 blk & RWF strs & hfrs, long weaned, 2 rds shots, 550-650 lbs.
- 15 Red Ang OCV replacement hfrs, 3 rds shots, long weaned, 650-750 lbs.
- 25 blk, Red Angus X and Char X strs & hfrs, 3 rds shots, long weaned, 500-700 lbs.
- 2 Fall calving Ang cows, 3 yrs, bred Registered Angus bulls for late Aug. & Sept. calves.
- 72 choice reputation blk bwf strs & hfrs, 650-800 lbs.
- 83 choice Angus strs & hfrs, green, 2 rds shots, long weaned, 650-775 lbs.
- 110 choice reputation Angus strs. 675-825 lbs.
- 40 choice reputation Angus hfrs, 600-700 lbs.
- 15 blk strs & hfrs, long weaned, 2 rds shots, 550-600 lbs.
- 20 blk, bwf & rwf steers, 2 rds shots, 600-700 lbs.

EARLY CONSIGNMENTS FOR

- 486 blk, many bwf, few Red Angus cross strs off grass, 775-900 lbs.
- 38 blk bwf strs & hfrs, weaned 30 days, bunk broke, 2 rds shots, 725-750 lbs.
- 24 Cross strs & hfrs, weaned 30 days, bunk broke, 1 rd shots, 500-700 lbs.
- 22 bwf & Heref strs & hfrs, bunk broke, 2 rds shots, weaned 6 weeks, 500-600 lbs.
- 14 choice blk & bwf strs, weaned 3 wks, 2 rd shots, 600-700 lbs.
- 210 blk Red strs. long weaned, 2 rds shots, 725-875 lbs.
- 68 Char X strs & hfrs, 90 days weaned, 600-800 lbs.
- 30 blk & bwf strs & hfrs, long weaned, off grass, 650-800 lbs.

SELLING AT 11:00 AM

. 35 blk & Red Fall calving cows, 3-5 yrs old bred blk & Red bulls to start calving Sept. 1

EARLY CONSIGNMENT

- 40 blk strs & hfrsm all shots, 700-800 lbs.
- 25 blk strs & hfrs, off grass, long weaned, 700-850 lbs.
- 46 blk strs & hfrs, long weaned, 2 rds shots, 600-700 lbs.
- 6 Hols bred hfrs, 6-8 months.
- 6 Hols hfrs, 375-450 lbs.

TO SELL AT 11:00 AM

100% Registered Holstein Dairy Retirement Dispersal for Kieth and Donna Olson consisting of 22 holstein milking cows from 1st to 4th lactation, 5 dry springer cows, 3 bred hfrs, 10 breeding age hfrs, 7 hfrs 600-750 lbs, 4 hfrs 200-350 lbs, 2 baby hfr calves. Milk weights available after Aug. 11th. All home raised. All Al sired. 60 years Al breeding, 30 years with Select Sires. For more information please call Keith Olson 785-499-6862

SELLING AT 12:00 NOON

47 Choice (OCV) Montana origin Angus 2nd calf hfrs, bred to Vermillion Ranch & Stevenson Basin Angus bulls, due Sept. 1 for 50-day calving period

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

JOHN CLINE ONAGA 785-889-4775 Cell: 785-532-8381 SAM GRIFFIN BURNS 620-726-5877

BRENT MILLER ALMA 785-765-3467 Cell: 785-587-7824 ALAN HUBBARD OLSBURG 785-468-3552

FIELD REPRESENTATIVES MERVIN SEXTON

MANHATTAN Cell: 785-770-2622

BILL RAINE MAPLE HILL 785-256-4439 JEFF BROOKS BEATTIE 785-353-2263

TOM TAUL MANHATTAN 785-537-0036 Cell: 785-556-1422 DAN COATES BALDWIN 785-418-4524

BRYCE HECK LINN 785-348-5448 Cell: 785-447-0456 ANDREW SYLVESTER WAMEGO 785-456-4352

Page 14

2020 CLOUD COUNTY FAIR LIVESTOCK GRAND AND RESERVE CHAMPIONS





Jori Letourneau, Hopewell Corners 4-H Club, drove the reserve champion market swine.



Brynn Anderson, Hill & Dale 4-H Club, led the grand champion market goat.

The grand champion market swine at the Cloud County Fair was shown by Rachelle Anderson of the Hill & Dale 4-H Club.



Jori Letourneau, Hopewell Corners 4-H Club, exhibited the reserve champion market goat.

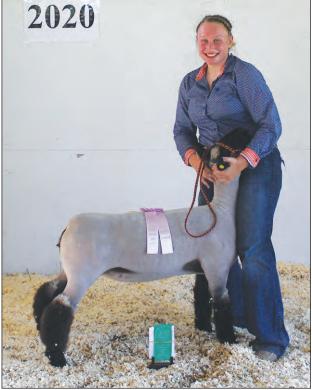


our local 4-H Youth!



Lee Lacy, Miltonvale Hustlers 4-H Club, received grand champion for his market lamb.

These area businesses extend their congratulations to all the Cloud County 4-H'ers



Republican Valley 4-H Club member Taley Murdock led the reserve champion market lamb.



for a successful 2020 Fair!

Rachelle Anderson, Hill & Dale 4-H Club, captured champion market beef with her entry at the Cloud County Fair.



Rachelle Anderson, Hill & Dale 4-H Club also showed the reserve champion market beef.

Blackwood Chiropractic Clinic PA







785-243-7663 1646 Rock Rd • Concordia, KS

Kansas Hay Market Report

Hay market trade slow and demand light. Abnormal dryness (D0) decreased to 31.5 pct, moderate drought (D1) decreased to 22 pct, severe drought (D2) increased to 8 pct, extreme drought (D3) increased to 3 pct. According to USDA/NASS, Kansas topsoil moisture rated short to very short was at 45%. Similarly, pasture and range conditions rated poor to very poor was 22% in Kansas. Join agriculture leaders from across the state for the VIRTUAL Kansas Governor's Summit on Agricultural Growth. Starting July 20, we will begin with our online breakout sessions using Zoom; make sure you register for the Feed and Forage sector breakout session on July 27th at 7:30 a.m. More information about the Summit, including a link to the registration site, can be found at https://agriculture.ks.gov/AgGrowthStrategy/ag-summit-2020. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grinding alfalfa and ground and delivered steady; movement slow. Alfalfa: horse, premium small squares 230.00-240.00. Dairy 1.00/point RFV, Supreme 185.00-226.00, Premium 170.00-195.00, Good 150.00-170.00. Stock or Dry Cow 155.00-165.00. Old crop, Fair/ Good grinding alfalfa, 110.00-125.00; new crop grinding alfalfa 125.00-135.00 delivered, with an instance at 140.00-150.00; Old crop, ground and delivered locally to feed lots and dairies, 145.00-155.00; new crop ground and delivered 150.00-160.00, with an instance at 170.00. Grass Hay: large squares 100.00-110.00. Sudan: none reported. Corn stalks: none reported. Wheat straw: none reported. The week of 7/12-7/18, 7,640T of grinding alfalfa and 884T of dairy alfalfa was reported bought/sold.

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, alfalfa pellets, steady; movement slow. Alfalfa: horse, small squares 255.00-275.00. Dairy, 1.00/point RFV, Su-

.S. cattle herd sees small uptick

All cattle and calves in the United States as of July 1, 2020 totaled 103 million head according to the USDA's National Agricultural Statistics Service.

All cows and heifers that had calved totaled 41.4 million head. Beef cows totaled 32.1 million head

Milk cows totaled 9.35 million head.

All heifers 500 pounds and over totaled 16.5 million head. Steers weighing 500 pounds and over totaled 15.0 million head. Bulls weighing 500 pounds and over totaled 2.10 million head. Calves under 500 pounds totaled 28.0

IVE & ONLINE AUCTION

SATURDAY, AUGUST 15, 2020 — 10:00 AM LOCATION: 2438 128th Road — SABETHA, KANSAS DIRECTIONS: From US 36 Hwy & Acorn Road (4 miles South of Sabetha on Old US 75 Hwy, Floyd's

Truck Repair) 3 miles South on Acorn Road to 128 Road, 1/2 mile West on 128. From Holton: North

We will begin broadcasting ONLINE at approx. 11:30 AM-12 Noon. ONLINE BIDDING WILL BE AVAIL-

million head.

65.00

All cattle on feed fed for the slaughter market in the United States for all feedlots totaled 13.6 million head.

reported bought/sold.

preme 185.00-225.00, Premium 170.00-195.00, Good 150.00-

178.00. Stock cow, 140.00-150.00. Old crop, fair/Good

grinding alfalfa, 85.00-100.00; New crop fair/good grind-

ing alfalfa 105.00-120.00 delivered, with an instance at 130.00 delivered. Old crop, ground and delivered locally

to feedlots 140.00-150.00; new crop ground and delivered 135.00-145.00, with an instance at 150.00-155.00. Alfalfa

pellets: Sun cured 15 pct protein 185.00-195.00 with an in-

stance at 200.00, 17 pct protein 195.00-210.00, Dehydrated

17 pct 300.00-310.00. Grass Hay: Bluestem, none reported.

Sudan: large rounds 55.00-65.00. Wheat Straw: none re-

ported. The week of 7/12-7/18, 5,039T of grinding alfalfa

Southeast Kansas

hay steady; movement slow. Alfalfa: horse or goat, 230.00-

240.00. Dairy 1.00/point RFV. Stock cow 145.00-155.00.

Fair/Good grinding alfalfa, 115.00-125.00. Ground and

delivered, none reported; Grass hay: Bluestem, small

squares 125.00-135.00, good, mid squares 105.00-120.00,

large squares, 90.00-110.00, large rounds 60.00-65.00.

Brome, good, small squares 125.00-150.00, old crop mid

Northwest Kansas

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass

and 750T of dairy alfalfa was reported bought/sold.

The 2020 calf crop is expected to be 35.8 million head. Calves born during the first half of the year are estimated at 26.1 million.

Grass & Grain, August 4, 2020

Page 15 hay: Bluestem, old crop, small squares 6.00-7.00/bale mid to large squares 80.00-90.00, large rounds 55.00-65.00 new crop no trades reported. Brome, small squares new crop 8.50/bale, large squares 90.00-100.00, large rounds Old crop 55.00-65.00, New crop 75.00-85.00; Sudan, large rounds 55.00-65.00. Wheat Straw: small squares 5.00-6.00/ bale delivered, mid to large squares 95.00-105.00, large rounds 40.00/bale. The week of 7/12-7/18, 782T of grinding alfalfa and 800T of dairy alfalfa was reported bought/ sold.

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



for a discount. Also

www.hitchpin.com benefits Grass & Grain

HERINGTON LIVESTOCK COMMISSION CO. CATTLE SALE EVERY WEDNESDAY:

Durham, 8 mix 1375@79.50 Cncl Grve, 54 blk 1290@78.50 Herington, 31 blk 1055@77.50 Hope, 5 red 1405@77.00 Wilsey, 8 blk 1450@76.50 Wilsey, 13 blk

Cncl Grve, 61 blk Wilsey, 5 blk Hope, 7 blk Cncl Grve, 5 Char Wilsey, 7 mix Tampa, 4 blk Burdick, 58 blk Lnclnvlle, 61 mix Herington, 18 red Herington, 62 mix Lnclnvlle, 56 mix Durham, 5 mix Herington, 6 red

HEIFERS Wilsey, 13 mix 603@145.50 534@145.00

545@157.00 Wilsey, 5 blk 661@151.00 Tampa, 4 blk 734@148.00 Marion, 11 blk 709@146.25 616@146.00 Marion, 17 blk 699@145.00 766@141.00 Wilsey, 7 mix 770@137.25 Tampa, 6 blk Wilsey, 10 blk 751@136.00 Hope, 3 red 670@135.00 921@134.10 864@133.25 Hope, 7 blk 808@132.25 928@131.00 Wilsey, 4 blk 943@127.00 896@127.00 Hope, 4 blk



TRACTORS & ACCESSORIES 2008 JD 6430 premium 2wd. cab H/A, 3 pt., dual hyd, power quad trans, 18.4x38 tires 1197 hrs one owner. slick tractor: 1986 JD 4650 2wd, cab H/A, 3 pt., triple hyd, quad range, 18.4x38 dual tires, complete overhaul at 7000 9447 hrs; 1977 JD 4430 hrs, 2wd, cab H/A, dual hyd, 18.4x38 tires. 7468 hrs: 18.4x38 duals & chains sold separate; pair of 18.4x38 tires, good; 1963 Oliver 1800 gas, NFE w/new front 365 hrs, runs good; tires, shows 2 1956 JD 420 gas, WFE, 713 hrs showing, 4 new tires, new battery, seat, steering wheel, muffler, paint, parade ready; 1956 AC WD45 gas, NFE, new 4x28 rear tires; 1961 Case 430, WFE, w/Kelly loader, 4' bucket, showing 467 hrs; 1954 Minneapolis Moline ZB, NFE, 3 new tires, overhauled; JD 720 loader. 7' guick attach bucket: JD 4 front weight brackets & 18 front weights; (10) Ford front weights; pair 16.9x34 duals, hook on; JD wheel fits JD 3010; home made quick attach bale spear. **TRUCKS & ATV** 2006 Ford F150 XLT, 4x4, ext cab, AT, 5.4 V8, 63,715 mi.; 1997 Ford 9000 Louisville 10 wheeler 3306c cat, 8LL trans, 16,000 lb front full locker rears, factory double frame, all new brakes, new 20' Scott bed w/ twin cyl. hoist & rollover tarp, 1100RX22.5 tires, 215,369 mi; 1977 Ford 800 single axle truck w/Parkhurst 16' steel bed & hoist, 9.00x20 tires, gas, 57,500 mi; 1988 Kawasaki 300 4 wheeler, 4 new tires in 2019.

ABLE @ Equipmentfacts.com. Please visit their website early to Register to Bid. There will be a 5% buyers premium for online purchases only. Watch our website for any updates. TRAILERS

8x14' 2 wheel trailer w/2" floor 8.25x20 tires; Barge box wagon, elec. gear w/hoist.

HAY EQUIPMENT

JD 346 sq. baler, wire tie, ext bale chute & hitch, works good; Viking 40' hav elevator, pto: Ford 3 pt. hay rake, good; 8x14 hay rack w/MM gears; 8x16 truck bed hay rack w/big bin gears; 8x16 truck bed hay rack w/Case gears; 8x14 truck bed hay rack w/Westendorf dears

MACHINERY

JD 8300 grain drill, 8x7 w/seeder; JD 54 manure spreader, new floor & beater; JD quick hitch, category 3; JD 643 6 row corn head; JD 7000 6 row planter w/new Dickey John monitor, good shape, ready to go; JD 7100 6-row mounted planter w/ JD monitor; JD 10' EZ Flow; JD 3-section harrow; JD 235 24' disk, wing fold; JD 230 21' disk, wing fold; JD 6 row rear mount Danish tine cultivator; Noble 6-row rear mount Danish tine cultivator; Burch 6 row real mount trip shank cultivator; (2) IHC 560 6x16 steerable plows; IHC 550 5x16 steerable plow; IHC 540 4x16 steerable plow, new mold boards; IHC 510 5x16 steerable plow; Dearborn 2x14 3pt plow; Case 2x14 3 pt plow; AC 3x16 plow. snap coupler: AC 3x16 plow, snap coupler; IHC 45 28' field cultivator w/harrow; IHC 45 21' field cultivator w/ harrow; Bush Hog 11' 9 shank soil saver, pull type; Glenco 11 12-shank chisel, pull type; MF 126 3 pt 11 shank chisel; Rhino 6' brush cutter, 3 pt; Servis 6

brush cutter PT w/cylinder excellent shape, spent \$540 putting in grease seals: Westfield 71' 10" grease seals; Westfield w/swing away auger; Mayrath 61' 10" w/swing away auger; 3 pt 12 row sprayer w/150 gal plastic tank; Harvest King 400 bu gravity wagon w/#47 Kewanee gears.

LIVESTOCK EQUIPMENT Filson portable squeeze chute; (3) calf feed bunks: misc. wooden gates; (9) 12' portable panels w/6' walk thru; 2 ton upright bulk feed bin: 425 electric fence posts/insulators, bundles of 25; 50 hedge posts, 7' & 8' lengths. SHOP & MISCELLANEOUS

110 gal. fuel tank, 12 v; several wheelbarrows; 31" hyd cylinder; Rockford drill press, table mod-el; (35) box bolt assortment; ½" & ¾" socket sets; 1100-gal plastic tank. Continental 30 ton press; cut off saw; Craftsman radial arm saw; (2) appliance carts; Stihl 024AV 16" chain saw; Sachs Dolmar 45M6 16" chain saw; Coates tire changer manual: Champ space heater 120, nodei 72A-1019 Portable ting torch w/regulators; (3 sets) box end & open-end wrenches 3/8 to 1 ¼", China; Poulan Pro 6.5 Hp push mower 22"; 400 gal diesel barrel w/elec. pump; 400 gal barrel w/stand; JD open end box end wrench set 3/8 to 1 1/4' JD open end box end wrench set metric 7-32; several used car truck & tractor tires; 120' 7/8" cable, like new; 30"x16' culvert; 2-110 gallon fiberglass saddle tanks; 2-150 gallon plastic saddle tanks.

11:30 AM LMA 7/29/20 SALE RESULTS **COWS & HEIFERETTES** Herington, 1 blk Hillsboro, 1 blk Hillsboro, 1 red Woodbine, 1 blk Ramona, 1 blk Hope, 1 blk 1525@75.50 1145@74.00 Hope, 1 Char Hope, 1 red 1250@71.50 Lst Sprngs, 2 blk 1400@71.20 Cncl Grve, 1 bwf 1040@69.00 1335@67.50 Wilsey, 1 blk 1305@66.50 Wilsey, 1 blk

Harder Ag Products

GSI

GRAIN BINS

ALL SIZES AVAILABLE

Hopper Bins Available FINANCING AVAILABLE

Harder AG PRODUCTS

West Highway 50 PEABODY, KANSAS 66866

Phone 620-983-2158

www.grainbinsusa.com

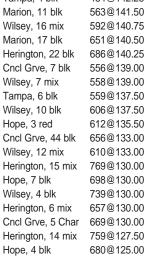
Hillsboro, 1 Hols 1425@65.50 BULLS Herington, 1 red 1530@98.50 Marion, 1 blk 1700@96.00 1670@89.50 Tampa, 1 blk Marion, 1 blk 1825@87.50

STEERS Hope, 4 red 576@162.00

Wilsey, 5 mix

538@158.00 Hope, 4 blk

758@144.00 692@137.00 923@120.00



View Pictures at Holtonlivestock.com * Online Bidding: Equipmentfacts.com SELLERS: HERMAN & JEAN RENYER Phone: Home 785-467-5065 Herman Cell 785-285-0770

HARRIS AUCTION SERVICE, Holton, Kansas Dan Harris, Auctioneer 785-364-7137 • Cody Askren, Auctioneer 785-364-7249 Holton Livestock Exchange, Inc. 785-364-4114 Clerk & Cashiers: Cindy Grollmes, Cara Robinson & Blake Harris Portable Restrooms Will Be Available • Lunch Served by St. Augustine Altar Society

"I put an implement on the free online ad site and got no calls. I put it in Grass & Grain and got eight calls the first couple of days... and sold it."

~ Russell Reichart, Holton ~



EARLY CONSIGNMENTS FOR AUGUST 5

120 mix strs, off grass, 875-900 lbs.

MORE CATTLE BY SALE TIME

WE ARE LOOKING FOR OFFICE HELP!

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

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

Manager: Tracy Ediger, 785-366-6645 Dave Bures - 402-766-3743 • Bob Kickhaefer, Cell - 785-258-4188 Tim Wildman, 785-366-6152



C	LA	SS	IFI	ED	S
CLASSIFIED AD D	EADLINE IS 10:00 A.M.	FRIDAY	RATES AND DISCOUNT		ASSIFICATIONS
your ad, we must have this Name:	address and phone number need s information for our records. Phone #: _City: State: Zip	RATE: 65¢ Number of Cost for on	words: @ 65¢ le week: e-week cost times number	each SWINE HORSES FERTILIZE of weeks you FEED & SI	R TRAILERS EED MACHINERY
WRITE YOUR AD	HERE	CLASSIFIC	Consecutive week CATION: week Cost for week OUNTS: (For PRE-PAID orde uct 10% if ad runs 2 or 3 week educt 25% if ad runs 4 week	s: REAL EST s: SERVICES ers only) IRRIGATIO reeks; HARVEST	ATE ANTIQUES PASTURE N WANTED
6			educt 25% if ad runs 4 wee Less discount TOTAL:	s: LIVESTOC	k other K equipment
		Card No. V-Code 3 digits (s on the bai the signal	PAY WITH (PLEASE CIRCLE ONE CK MASTERCARD VISA D Exp. (required) last (required) last aver sample: 567) located ck of your credit card on	BUILDING Discover BINS - DR' Date MOBILE H SPRAY EC	QUIPMENT S OPPORTUNITIES
GRASS & GRAIN	CALL: 877	Four Ways To 7-537-3816 TOLL PRESS, Box 100	ertion. UNDS! NE: Ads not accompare and discounts are not av Place Your Ac -FREE OR 785-	539-7558 ansas 66505	
CATTLE	CATTLE	CATTLE	CATTLE	POULTRY	LIVESTOCK EQUIPMEN
NGUS & SIMMENTAL- ANGUS BULLS	NICE RED ANGUS COWS bred to red bull, going to be 4- year-old in late fall, with three calves, one on the side. Vet worked. Pair \$2150. Manhat- tan, 785-456-3336. ANGUS & SIM-ANGUS 18-24 month old bulls available, easy fleshing, maternal focused, calving ease,	HEREFORD BULLS	ANGUS BULLS ANGUS BULLS Yearling to 2 year olds Performance Data Available Good Maternal Traits Fertility Tested Continuously raising Angus cattle for 71 years.	Poultry & Small Animal Auction Fairgrounds, Clay Center, KS August 15, 2020 SALES CASH ONLY 15% commission Check in begins at 8:00 am Auction begins at 12:00 pm Gate fee: \$1.00 per person	Clean Cut Truck Tire Sidewalls For Silos endurobrandlivestock.com 785-231-8397 OSTER CLIPMASTER cli pers, variable speed for larg animals. \$240. Serviced of 6/22/20. Call or text (620) 77 8527.
Excellent selection w/ volume discounts Performance data available Good maternal traits UNINGHAKE ANGUS Frankfort, KS Leo Huninghake Home: 785-292-4537 Cell: 785-556-2648	good disposition. TERRY OHLDE	Falun, KS GLENN CHUCK 785-668-2368 785-668-2454	Vering Angus Greg Vering Marysville, KS 785-562-7164 Cell 785-562-3988 Home	Fee for no sale over \$50 is commission on the bid. Bid is per animal in the cage. Cages sell with animals No boxes except for chicks. SOCIAL DISTANCING WILL BE REQUIRED. CHILDREN	HOLD 'EM FENCE Compar barbed wire, welded contin ous fence, pipe, custom tub gates, alleyways. Cell 785-31: 4552, http://www.holdemfence com
POLLED HEREFORD BULLS Bred for Complete	EXAMPLE	S M O K Y V A L L E Y Augus Yearling Registered Angus bulls, Al sired, performance tested, carcass ultrasound, generation enhoused EDDa	Home of the Round Barn FOR SALE PRIVATE TREATY	MUST BE WITH PARENTS AT ALL TIMES. 785-410-0054 or 785-485-2845 Facebook Feathers, Fluff & Stuff	WHEAT STRAW: n wrapped, \$30/bale or \$55/to loaded, 785-527-0200. NICE WEED-FREE BROM never rained on. Big bales, n wrapped, under cover, \$5 bale. 785-456-3336.
Performance Growth	Angus, Red Angus & Charolais Bulla For Solo	genomic enhanced EPD's, semen checked & guaranteed. Lindsborg, KS	Service-Age Bulls Calving Ease • Performance Efficient • Docile	LIVESTOCK EQUIPMENT	FEYH FARM SEED CO Alma, Kansas Native Grass Seed

• Muscle Maternal Disposition

Fertility Tested and Guaranteed

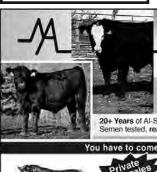
DETTKE FARMS Call: **BRIAN DETTKE** Marysville, KS 785-562-6257





- 🖈 Yearling & 18 Month Old Bulls
- ★ Calving Ease with Great Growth
- * Performance Data Available
- \star Good Maternal Traits & Great Disposition
- 🖈 Reasonable Prices
- ★ Bring this Ad Receive \$50 Discount

Randy Huninghake Frankfort, KS 785-556-0319 Cell 785-292-6019 Home



Bulls For Sale

Over 250 18 month old & Spring yearling bulls available Your Private Treaty Headquarters. Over 25 years experience in Private Treaty & Sight-Unseen Sales You won't be choosing from bulls that "didn't make the sale" or were "caught" in the auction.

· Our goal is to get the right bull to the right herd every time.

See our display ad in this issue

 Videos, data, and catalog available on our website Please check for updates throughout the Spring. · Genomic enhanced EPD's on every bull in all three breeds.

It's time to come home to ...

HARMS **PLAINVIEW** RANCH

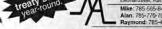
Mark & Kim Harms 2528 250th Street Lincolnville, KS 66858 Email: hprbulls@tctelco.net www.HARMSRANCH.com

> 620-924-5544 Mark Cell: 620-382-6388 Kim's Cell: 620-382-5373

Nelson Angus Farms We have a greater selection of Al-sired bulls than ever before Same Great Cows Now Offering. SimAngus & Angus Bulls

20+ Years of Al-Sired Genetics Semen tested, ready to go!

ve to come see these bulls!



785-227-5414 HOFMAN N Simmental FARMS Red & Black SIMMENTAL / SIMANGUS **BULLS FOR SALE** by private treaty Rodney & Kim Hofmann Clay Center, Kansas 785.944.3674 www.honestbulls.com hsfcows@gmail.com "Proof + Performance = Profit" OD ANGU SENECA, KS **Private Treaty** 18 Month Angus Bulls AI Sired Registered **Calving Ease Gentle Disposition** P.I. Negative David J. & Doris, Daren Ronnebaum 785-294-1511 Rinkes Cattle Co. For Sale Private Treaty: REGISTERED ANGUS BULLS 150K enhanced EPDs Performance Tested, **Fertility Tested. Free** Delivery, Guaranteed Sight **Unseen Purchases. Excellent Disposition.** Priced to sell!!

> HOLTON, KANSAS 785-845-5272 • 785-817-2328 www.rinkescattle.com

rinkescattle@gmail.com

Efficient • Docile **Dave Stump** 785-556-0124 Dan Schmidt 785-562-6685 Blue Rapids, KS 785-556-0124 Visit us at SpringhillHerefords.com A Gold TPR Breeder WOLF CREEK ANGUS RANCH **10 ANGUS BULLS** For Sale by Private Treaty 2 year olds and yearlings Featured Sires: Dually, Command, Hoover Dam, Capitalist, and Black Granite. Performance Tested Fertility Tested Fully Guaranteed Free Delivery in KS & NE. Volume Discounts See Performance Data & Price List at: www.WolfCreekAngus.com LURAY, KANSAS 785-698-2225 SWINE SWINE EQUIPMENT Buildings — Ventilation Flooring — Feeders Waterers — Heaters Nursery Equip. Crates K & N Swine Systems RICK HENRY 785-336-2130 SENECA, KANSAS

R&D PIPE & POST 3 1/2" OD, \$2.70/ft. 4 1/2" OD, \$3.65/ft. 2 3/8" and 2 7/8" OD also available. Sucker rod 3/4"x25', \$8.25 apiece. Delivery available. Wilsey, KS 620-767-2907

BE SMART WHEN INVESTING IN A HAY TRAILER

Do you bale 100 bales or 10,000? Do your bales weigh 500 lbs. or 2500 lbs.? Do you haul them 1 mile or

100 miles? From one to twenty-seven bales at once. GoBob has the **RIGHT** self-unloading hay trailer for your operation.

855-880-7964 GoBobKS.com



See us at www.lucoinc.com Or call toll free: 1-888-816-6707 **PO Box 385** Strong City, KS 66869

WANTED DAMAGED GRAIN We pay top dollar for damaged grain. Trucks and vac's available. Immediate response anywhere. Pruess Elevator, Inc 1-800-828-6642

Wildflowers

Smooth Brome Grass

Erosion Control Products

Cover Crop Seed

866-765-3415

Nativeseed@Kansas.net

www.FeyhFarmSeed.com

PASTURE

LOOKING FOR GRASS to lease/rent for the 2021 summer grazing season. 180-400 spring pairs. Based out of Scandia, Ks. 785 335-3202

AUTOMOTIVE



2007 IHC 7400 with new Kuhn Knight RC260 Several Daycabs available Feed Mixers and Manure Spreaders Kuhn Knight, new & used Belleville, KS 800-536-2293



grassandgrai place a classified ad renew a subscription

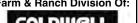
GRASS & GRAIN DIRECTORY



AUTOMOTIVE



REAL ESTATE





TRAILERS





Vermeer Sales & Leasing LEONARDVILLE, KS 66449 Vermeer VR-8, 10, 12 wheel rake USED EQUIPMENT

To view all of our New & Used Equipment, please check out our website: www.sloophook.com or





Page 17

MACHINERY

Kent 24-ft. field cultivator. 785-

LOOKING TO BUY John Deere 3960 or 3970 forage choppers with heads and New Holland pull type and self-propelled bale wagons. 785-336-

NEW TRACTORS Kubota M7-152 PS, MFD, ldr. Kubota M6-111 MFD w/ ldr. Kubota M5-111 MFD w/ ldr. **USED TRACTORS**

'08 Kubota L3400 HST, ldr.

18 Kubota MX5800 HST, ldr. MISCELLANEOUS 11 NH H7450 13' DMC 94 JD 535 baler w/ net wrap

Bush Hog SQ84T 3pt mower '87 Bush Hog 2615 flex wing



McConnell Machinery 1111 E. 23rd Lawrence, KS

785-979-2271 www.mcconnellmachineryco.com

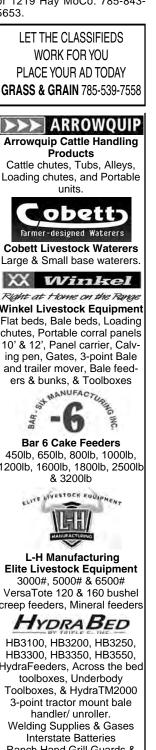
MACHINERY	MACHINERY	Γ
1016LT LANDOLL TILT-TOP trailer, excellent condition.	PLANTER SALVAGE	Guara
1010 JD Expo restored tractor; 2010 JD tractor, original. 785-	IH 800-900-950-955 Cyclo JD 494-1280, 7000-7300,	Tir (
427-6702.	plate and plateless White 5100	R 7
SALVAGING COMBINES N5, N7, L, L2, M, F, G, C, CII,	Koelzer Repair Onaga, KS 785-857-3257	20-
All, A&E, K Gleaner. 6620, 7720, 8820, 7700, 6600,	Tire Town Inc.	Majority
4400, 3300, 105, 95, 55, JD. 915, 1480, 1460, 1420, 815	20 8x38 New\$825 340/85 R28 New\$485	custon
IHC. 860, 760, 750, 510, 410, 300 Massey. Several black &	520 70R30 Buffed\$700 480 70R28 Buffed\$500	Duff
orange Gleaner corn heads.	420 85R34 Used 70%\$300 520/85R42 80%\$800	8
Jack Boyle Vermillion	7 184x38 10P New\$525 600/65 R28 New\$1,000	402
785-382-6848 785-564-0511	9 360/70R28 Buffed\$325 710/75 R42 Buffed\$1,600	l 98 Che
SALVAGE COMBINES ALLIS N7-6, L2, L, M, G, F2,	23 R30 overstock\$1,100 184x34 New\$480	Several
F, CII, AII; JD 8820, 7720, 7700, 6600, 4400, 3300, 105,	800/70 R38 Buffed\$2,600 380/90 R46 80.00\$750	ers John De
95, 55; MF 860, 760, 750, 510, 410; IH 1680, 1480, 1460, 915, 815, 715, 503,	800-444-7209 800-451-9864 913-441-4500 913-682-3201	front bl
403; NH TR70-85, 1400, 995, 985, 975.	Case & IH	Case IH ber, sh
SALVAGE TRACTORS ALLIS 7000-7080, 220, 210,	Tractor Salvage Case 300's thru 2096	C
190XT; D17-19; JD 84-8630, 7520, 6030, 5020, 4630,	IH 460's thru 5488 Over 1000 Tractors on shelf	WINC
4430, 4020, 3020, 720, 730; CASE 1470, 1370, 1270,	New & Rebuilt parts for all brands of tractors/ combines	F
1200, 1070, 930, 400; IH 1568, 1466, 1256, 1066, 1026, 806; FORD 4-5-6-8-	Want to buy	
9000; MF 2745, 1155, 1100, 90, 85; OLIVER 2150; MM	Case & IH salvage tractors	Glea '95 R62
G1000; WH2-150, 4-150.	Elmer's Repair CENTRALIA, KS	'81 L2 '81 M2
Mike's Equipment BUHLER, KANSAS 1-800-543-2535	785-857-3248 www.elmersrepair.com	(2) 825 LM 315
I		EZ Tr
 '18 Deere 316G, 105 hrs C/H/A '17 JCB 3TS-8T Teleskid, 500 hrs C/H/A 		Grain
 '16 Caterpillar 242D, C/H/A, 2-spd, 2041 hrs '17 New Holland C232, Track, C/H/A, 1800 	In Stock	Great
hrs Warranty		81 Fa
'15 Deere 310SL Backhoe, Extendahoe, 2100 hrsWarranty	STILLWELL	1-8
 New Renn 1020C Grain Bagger \$25,900 New Renn RMC30 PTO Roller Mill \$29,500 	Sales 785-738-0340 stillwellsales.com	ww
• '98 Travalong 20' stock trailer, excellent cond.	stillwellsales.com	TRAC 1973 ⊩
\$6,900		2013 J
	DANG	305 h 2004 JI
Firestone		ldr., R New C
Fireston	TIRE & SUPPLY	New C unit
IF 800/70R38 FST RA	AD DT \$3,442	New C unit HA New H
IF 800/70R38 FST RA 480/80R 42 FST RAD	AD DT \$3,442 DT \$1,519	New C unit HA
IF 800/70R38 FST RA	AD DT \$3,442 DT \$1,519 RAD RC \$1,933	New C unit HA New H High (
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are	AD DT\$3,442 DT\$1,519 RAD RC\$1,933 EVO\$934 e subject to change without notice.	New C unit HA New H High (Vermee w/net 1996 \ rake
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE	AD DT	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838	AD DT\$3,442 DT\$1,519 RAD RC\$1,933 EVO\$934 e subject to change without notice. <u>www.donstire.net</u> ABILENE, KS	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL	New C unit HA New H High (Vermee w/net 1996 \ rake MIS
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. www.donstire.net ABILENE, KS New Holland 195 manure	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwii (2) JD w/ 7. Hitch Hessto
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs\$69,000 2017 CIH 310 Magnum tractor 5102 hrs\$85,000	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. WWW.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow.	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hessto cultiva Gnuse
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs\$69,000 2017 CIH 310 Magnum tractor 5102 hrs\$85,000 JD 4240 tractor\$14,500 JD 4020 tractor propane. CALL	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. WWW.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. WWW.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$4,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet II ripper 7sh\$6,500	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD W/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 RAD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$4,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet II ripper 7sh\$6,500 Blu Jet Ripper 5sh\$4,000 VPS Ripper 7 shank\$5,000	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H inverta 1990 C
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 RAD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$4,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet II ripper 7sh\$6,500 Blu Jet Ripper 5sh\$4,000	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD DT\$1,519 RAD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow\$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet II ripper 7sh\$6,500 Blu Jet Ripper 5sh\$4,000 VPS Ripper 7 shank\$5,000 Besler 770 ripper 9 shnk \$6,500 Sunflower 3040 Fallowmaster 35'	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New W
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD DT\$1,519 RAD RC\$1,933 EVO\$934 e subject to change without notice. WWW.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow\$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 8 Ripper 7 shank\$5,000 Blu Jet 8 Ripper 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD DT\$1,519 AD RC\$1,933 EVO\$934 subject to change without notice. www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 8 ripper 7 shank\$5,000 VPS Ripper 7 shank \$5,000 Sunflower 3040 Fallowmaster 35'	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New W
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	Mee & Supply AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 subject to change without notice. www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow\$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hesston cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New W
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD DT\$1,519 RAD RC\$1,933 EVO\$934 e subject to change without notice. WWW.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 400 rotary hoe 15'\$900 JD 400 rotary hoe 15'\$900 Sunflower 7212 rolling harrow. 	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H invertu 1990 C head Landoll New W Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	New Holland 195 New Holland 195 Manuer State ABILENE, KS New Holland 195 Manuer State ABILENE, KS New Holland 195 Manuer State ABILENE, KS New Holland 195 Manuer State Spreader CALL JD 400 rotary hoe 15' JD 400 rotary hoe 15' JD 400 rotary hoe 15' JD 4600 plow \$5,000 Sunflower 7212 rolling harrow.	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hesstol cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New W Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD DT\$1,519 AD RC\$1,933 EVO\$1,933 EVO\$1,933 EVO\$934 e subject to change without notice. www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow\$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 Blu Jet 7 sh pull type spring trip shanks nice	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7 Hitch Hesstoi cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New V Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD RC\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$6,000 Sunflower 7212 rolling harrow.	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New W Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	New Holland 195 New Holland 195 Mail Barling State Abox State Abox <td< td=""><td>New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwir (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New V Box S</td></td<>	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwir (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New V Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	New Holland 195 New Holland 195 Main Billene, KS New Holland 195 Manure Speader Ability CALL JD 400 rotary hoe 15' JD 4600 plow \$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice shanks nice \$14,000 Blu Jet 7 sh pull type spring trip shanks nice Sholoo Sunflower 3040 Fallowmaster 35' \$8,000 Kent Series V Field Cultivator 44' \$8,500 22 ROW CULTIVATORS 6-8-12 RW IN STOCK 11 PLANTERS / SEVERAL DRILLS IN STOCK 12 RW IN STOCK 13 P	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H invertu 1990 C head Landoll New W Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 Blu Jet 7 sh pull type spring trip shanks nice	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New W Box S IN STC FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q. ride cor radio, f
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	New Holland 195 New Holland 195 Main Billene, KS New Holland 195 Manure Speader Ability CALL JD 400 rotary hoe 15' JD 4600 plow \$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice shanks nice \$14,000 Blu Jet 7 sh pull type spring trip shanks nice Sholo Sunflower 3040 Fallowmaster 35' \$8,000 Kent Series V Field Cultivator 44' \$8,500 22 ROW CULTIVATORS 6-8-12 RW IN STOCK JD 1890 Air Drill \$52,000 2008 White 8800 planter 16R30 \$50,000 <td>New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstoi cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New W Box S IN STO FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q. ride cor radio, fi</td>	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstoi cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New W Box S IN STO FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q. ride cor radio, fi
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD RC\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$6,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 Blu Jet 7 sh pull type spring trip shanks nice	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New W Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD RC\$1,519 AD RC\$1,933 EVO\$934 P subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$6,500 Sunflower 7212 rolling harrow.	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New V Box S New B sox S New H inverte 1990 C head Landoll New V Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 AD RC\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$6,500 Sunflower 7212 rolling harrow. \$44,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 Blu Jet 7 sh pull type spring trip shanks nice	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New W Box S New Box S New E Un Stor FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q, ride co radio, f
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$4,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 VPS Ripper 7 shank\$5,000 Bus Jet Ripper 5sh\$4,000 VPS Ripper 7 shank\$5,000 Busflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK 11 PLANTERS / SEVERAL DRILLSIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hesstol cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New W Box S IN STC FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q, ride cc radio, f
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet Ripper 5sh\$4,000 VPS Ripper 7 shank\$5,000 Besler 770 ripper 9 shnk \$6,500 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK 11 PLANTERS / SEVERAL DRILLSIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7. Hitch Hesstol cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New V Box S IN STC FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q, ride cor radio, f mesh & 2018 Do bed, si new
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 ITEMS FOR SALE 2006 MF 6495 tractor 3,300 hrs\$69,000 2017 CIH 310 Magnum tractor 5102 hrs\$85,000 JD 4240 tractor\$45,000 JD 4240 tractor propane. CALL 2016 JD 6145 M tractor 2,078 hrs\$71,000 '95 White 6124 tractorCALL IH 986 tractor\$8,500 Minneapolis Moline G955 tractor mechanic special \$6,000 2011 Case SV300 skid steer \$6,000 2011 Case SV300 skid steer	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 e subject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 7 sh pull type spring trip shanks nice\$4,000 VPS Ripper 7 shank\$5,000 Besler 770 ripper 9 shnk \$6,500 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,000 Kent Series V Field Cultivator 44'\$5,000 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK 11 PLANTERS / SEVERAL DRILLSIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD W/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New V Box S IN S S S S S S S S S S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 ITEMS FOR SALE 2006 MF 6495 tractor 3,300 hrs\$69,000 2017 CIH 310 Magnum tractor 5102 hrs\$85,000 JD 4240 tractor\$45,000 JD 4240 tractor propane. CALL 2016 JD 6145 M tractor 2,078 hrs\$71,000 '95 White 6124 tractorCALL IH 986 tractor\$8,500 Minneapolis Moline G955 tractor mechanic special \$6,000 2011 Case SV300 skid steer CALL Several JD 612 cornheads CALL Several JD 612 cornheads CALL Several JD 612 cornheads CALL Several JD 612 cornheads CALL Several G30 cornheads CALL JD 933 cornhead CALL Gleaner 3000 cornhead S CALL Gleaner 3000 cornhead 12rw Stock CALL D 930 flex head w/ carey air reel S5,250 CIH 1015 pick-up head\$4,500 E-Z trail 475 grain cart\$4,500 Kuhn 5156 mixer\$13,000 Patz V420 LP vert. mixer \$14,000 Roto Mix VXT 535\$13,000 JD 716A silage wagon\$7,000 2013 Case WD2303 Moco Swather rotary head 16' 1400	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 esubject to change without notice. Www.donstire.net ABILENE, KS ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet Ripper 7 shank\$5,000 Bu Jet Ripper 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,000 Kent Series V Field Cultivator 44'\$8,000 Kent Series V Field Cultivator 44'\$8,000 Z2 ROW CULTIVATORS 6-8- 12 RW	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New V Box S New B UN STO FER 2006 CA 2,222 I & air tracks bucket 2018 Do bed, si new 2014 MF mesh & 21.5L- sion ax guisher 2013 MF eng, h high s clean cultiva Son ax guisher 2013 MF eng, h high s clean at the start con ax guisher 2013 MF
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 esubject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 8, piper 7 shank\$5,000 Bu Jet 8, piper 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 6R36-38-40 \$6,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD w/ 7. Hitch Hesstol cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New W Box S IN ST FER 2006 CA 2,222 f & air tracks bucket 2018 AS closed air con Hyd Q, ride co radio, f
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs\$69,000 2017 CIH 310 Magnum tractor 5102 hrs\$85,000 JD 4240 tractor\$14,500 JD 4020 tractor propane. CALL 2016 JD 6145 M tractor 2,078 hrs\$71,000 '95 White 6124 tractor CALL IH 986 tractor\$8,500 Minneapolis Moline G955 tractor mechanic special	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 esubject to change without notice. Www.donstire.net ABILENE, KS ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 81 piper 7shank\$5,000 Bus Jet 81 piper 7shank\$5,000 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK 11 PLANTERS / SEVERAL DRILLSIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 6R36-38-40 	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7. Hitch Hesstoi cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New W Box S IN STC FER 2006 CA 2,222 I & air tracks bucket 2018 Do bed, si new 2018 Do bed, si new 2018 Do bed, si new 2013 MF eng. h high s clean ded r auto c disc ra Stk#74 JCB buc 1997 6 ries, Se
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer Prices and Product availability are TOLL FREE 866-888-7838 — ITEMS FOR SALE — 2006 MF 6495 tractor 3,300 hrs\$69,000 2017 CIH 310 Magnum tractor 5102 hrs\$85,000 JD 4240 tractor propane. CALL 2016 JD 6145 M tractor 2,078 hrs\$71,000 '95 White 6124 tractor CALL IH 986 tractor\$8,500 Minneapolis Moline G955 tractor mechanic special \$6,000 2011 Case SV300 skid steer \$6,000 2011 Case SV300 skid steer 	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 esubject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 8, piper 7 shank\$5,000 Bu Jet 8, piper 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 6R36-38-40 \$6,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7 Hitch Hesstoi cultiva Gnuse Vermee proce New H inverte 1990 C head Landoll New V Box S IN STC FER 2006 CA 2,222 I & air tracks bucket 2018 Do bed, si new 2018 Do bed, si new 2013 Mf eng. h high s clean ded r auto g disc ra Stk#74 JCB buc
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 ITEMS FOR SALE 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 esubject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 8, piper 7 shank\$5,000 Bu Jet 8, piper 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 6R36-38-40 \$6,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD W/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New V Box S IN STO FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q, ride con solutiva Box S IN STO FER 2006 CA 2,222 I & air tracks bucket 2018 AS closed air con Hyd Q, ride con solutiva Gnuse Vermee Proce New H inverta 1990 C head Landoll New V Box S
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 ITEMS FOR SALE 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 esubject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 8, piper 7 shank\$5,000 Bu Jet 8, piper 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 6R36-38-40 \$6,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 V rake MIS New Batwin (2) JD w/ 7. Hitch Hesstor cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New V Box S IN STO FER 2006 CA 2,222 I & air tracks bucket 2018 Do bed, si new 2018 Do bed, si new 2018 Do bed, si new 2018 Do bed, si new 2018 Do bed, si new 2018 Do bed, si new 2013 MH eng. h high s clean ded r auto g disc ra Stk#74 JCB buc 1987 6 c 2013 Wh er, 12 f liquid
IF 800/70R38 FST RA 480/80R 42 FST RAD VF 380/90R 46 FST F 460/85R38 Performer I Prices and Product availability are TOLL FREE 866-888-7838 ITEMS FOR SALE 2006 MF 6495 tractor 3,300 hrs	AD DT\$3,442 DT\$1,519 AD RC\$1,933 EVO\$934 esubject to change without notice. Www.donstire.net ABILENE, KS New Holland 195 manure spreaderCALL JD 400 rotary hoe 15'\$900 JD 4600 plow\$5,000 Sunflower 7212 rolling harrow. \$4,000 Blu Jet 7 sh pull type spring trip shanks nice\$14,000 Blu Jet 8, piper 7 shank\$5,000 Bu Jet 8, piper 7 shank\$5,000 Sunflower 3040 Fallowmaster 35'\$8,000 Kent Series V Field Cultivator 44'\$8,500 22 ROW CULTIVATORS 6-8- 12 RWIN STOCK JD 1890 Air Drill\$52,000 2008 White 8800 planter 16R30\$50,000 JD 7300 planter 8R36-38-40 \$6,000 JD 7300 planter 6R36-38-40 \$6,000 JD 7300 planter 8R36-38-40 	New C unit HA New H High (Vermee w/net 1996 \ rake MIS New Batwin (2) JD W/ 7 Hitch Hesstor cultiva Gnuse Vermee proce New H inverta 1990 C head Landoll New W Box S N IN STO FER 2006 CA 2,222 f & air tracks bucket 2018 AS closed air con Hyd Q. ride con 2018 Do bed, si new 2018 M f eng. h sign se closed air con Hyd Q. ride co 2013 M f eng. h sign se closed air con Hyd A. ride co 2013 M f eng. h sign se air con Hyd A. ride co 2013 M f eng. h sign se closed air con Hyd A. ride co 2013 M f eng. h sign se closed air con Hyd A. ride con

Page 18

Grass & Grain, August 4, 2020



WANTED - USABLE JD 1209 or 1219 Hay MoCo. 785-843-



creep feeders, Mineral feeders

Ranch Hand Grill Guards &

EMPLOYMENT

ATTENTION CDL DRIVERS Openings now available for pulling vans, grain hoppers and step-decks. Some local runs are home nightly. For more details, call 785-476-5076.

BUILDINGS / BLDG MTLS.

SMITH POSTYARD **Hedge Post Delivery Available JEFF SMITH** 620-496-8956

Metal Panels & Accessories

THE VALUE LEADER. WE WON'T BE UNDERSOLD CALL FOR CURRENT METAL PRICING DELIVERY AVAILABLE WESTERN METAL **Best Service** Louisburg, Kansas

1-800-489-4100

DIAMOND L SUPPLY
Dwight, KS
+ 1.888.608.7913 +
29 ga 40yr ptd \$69.89/sq 26 ga 40yr ptd \$86.36/sq 29 ga Galvalume \$55.68/sq * Metal Roofing & Siding *
Complete Bldg. Packages Doors, Insulation, Livestock Equipment, Scales, Waters, Bale Beds & Cake Feeders
Jobsite Delivery Available

(prices subject to change) www.diamondlsupply.com

PETS

GREAT PYRENEES puppies born 6/10/2020. Farm raised with sheep. 816-863-2965.

WANTED: A PUREBRED TRIcolor rat terrier, male. 785-643-3210.

WANTED

BOAT OUT DRIVE/STERN drive assembly for larger boat Would buy old boat for parts 302 Ford motor 1988-93. 816-387-6091.

WANT TO BUY OLD HATS -

Looking to buy old hats. Mostly wanting farm related hats -Seed and Implement dealers Prefer hats made in USA. Buying entire collections. Cash paid. Call/text: 620 521-1618

** WANT TO BUY ** Do you have an older car or pickup? Looking for classic 1930s to 1980s. Prefer original, not restored. *Cash paid* Call or text 620 521-1618

WANT TO BUY: Wood Wheel Farm Wagons, Anvils, Steel Wheels, Corn Shellers, Forges, Any Farm Primitives.

Cap rakes Vermeer R23, twin

Plains Tillage Tools arm Eq. Service rson KS 620-241-3100

300-357-3101 vw.81farm.com

CTORS/SKID LDRS

- H 966 JCB 300 skid steer nrs ID 240 series II skid ROPS, 700 hrs. Case IH P85 power
- H&S 5116 16 wheel er 605 N rd. baler

SCELLANEOUS

Rhino 3150 15' ing shredder 1590 15' grain drills .5" spacing Houck on 2240 21ft field /ator

L90 3pt. rear scoop er BPX 9010 bale essor

Holland 166 winrow ter

Case IH 1083 corn-

II 7530-29' VT Plus Nemhoff 10' & 12' Scraper

- - AY EQUIPMENT





TumbleWeed Auction Co. LLC 935 E HWY 36 Smith Center, KS 785-282-5419

www.TumbleweedAuctionKS.com

TumbleWeed Auction Co. LLC is taking consignments at anytime & has joined up with Jones Machinery, Inc., with 50 years knowledge in used farm equipment. Online auctions provided by AUCTIONTIME.com with absolute & reserve option available. Call or stop by today!

SHUCK MPLEMENT OCK- NEW MASSEY **RGUSON HESSTON** 2900 SERIES

AT 252B skid steer ldr. hrs, enclosed cab, heat cond., Grouser steel over tires, without et. Stk#8270\$22,500 SV RT75, 600 hrs, end all weather cab, heat, nd., premium hyd. PKG. QA, bucket positioning & ontrol, factory B.U. cam bucket. Stk#6397\$58,900 odge Ram 2500 pick up single axle, black, nearly\$2,200 F 2946 1,600 bales, auto & twine, C1000 monitor, -16.1 tires with suspenxle, bale ramp, fire extiner. Stk#5950.....\$27,900 IF WR9770/9195, 1,355 nrs, wide susp., cab w/ speed transport, verv well maintained shedmachine, system 150 guide MF 9195 rotary azor bar head, 16' wide.. 440/8094\$87,500 cket for JCB Telehandler 6' wide model #500 seer#547 36600 0.9M(3)\$2,500 /hite 8222 No-Till plantrow 30" flex frame fold, fert., 3 BU hoppers, 0SE monitor, Pneumatwn pressure, point row off 6 rows. Stk#1100\$38,900 0 336 small square baler, twine tie, clean, sitting in shed since 2004. Selling for an Estate. Stk#7976 consigned\$4.400

2014 MF 5611 w/ MF 941 ldr. 415 hrs, like new, very nice clean tractor. Air seat, 540/540E/1000 PTO, AM/FM/ WB digital stereo. 84" material bucket w/ Euro Quick Attach bale spear - Euro Attach MF/ Quicke 72556073M Stk#3094. Stk#2505/2506\$64,900

2019 Sunflower 6631-29 VT tool. 14" Hydraulic rolling basket finisher. Stk#6926New - In Stock

2019 Grouser AG 240i Dozer Blade. 4-way blade w/ Box End Plate Kit. Incl. FH-400 NH/Buhler Versatile Genesis Mount. Only used partial season, pushed around 3,500 tons. Stk#7612\$24,900 2015 MF 1734E, approx. 200 hrs.,4WD, 9x3 trans., w/ Grill Guard, eng. block heater, R1 Ag Tires Front 7-16 / Rear 11.2x24. Stk#3588\$12.900 Woods PHD65 post hole digger w/o bits. Includes 9" HD double flight auger (\$200 individually). Stk#7447 \$900 2002 Hesston 845 round baler, twine tie, wide pickup, Hyd. kicker, stk#7443. Promotional Financing\$6,900 2008 MF ZT29 Zero Turn, very clean, 60" Hyd. lift deck, 425 eng. hrs., 3 cyl. diesel, buil in deck lift jack for changing blades. Stk#1635 consigned. Reduced \$5.900 2008 Gravely 152Z Zero turn

lawnmower Kohler 23Hp 52" deck kept inside 425 hrs, stk#5767.....\$4,400 NH 616 rotary disc mower, very clean, kept serviced, 7'-8' swath. Stk#5301 consigned\$5.900

2011 MF 8200-25 flex head new SCH sickle, guards good, kept shedded. Stk#1943 Set up for Gleaner, can fit MFREDUCED \$18,900

Lawrence, KS 785-843-8093 800-654-5191 Fax: 785-843-1014



ase IH 900 8R30 front fold Case IH 900 planter 6R30 '97 Case IH 2166 2,700 engine hrs, 1,975 separator '98 Case IH 1020 15' flex '04 Case IH 2366 4WD 4,045 eng., 2,995 sep. '11 Case IH 7088 combine 11 Case IH 3406 corn head '10 Case IH 2020 flexhead '05 Case IH 1020 20' '89 Case IH 1020 25' '89 Case IH 1063 corn head 13 EZ-Trail 510 grain cart w/

1705 engine, 1,248 sep.

- w/ trailer
- 30' w/ air reel

- tarp
- (2) Parker 2600 gravity wagons JD 1418 rotary cutter, 14

Hesston BP25 bale processor Sitrex MK16 wheel rake '08 Case IH RB564 rd. baler (2) CIH 6500 Conser-til, 14 IH 45 EC 12 5 JD 980 FC 27 IH 370 14' disk Case IH 490 disc 25' '01 Case IH 3950 disk, 33' JD 915 V ripper 7 shank JD 714 disc chisel 9 shank JD FBB drill 16x8 GB 900 Hi-master Idr Speeco 3pt post hole diager BMB Estate 72 finish mower Land Pride HRL-3578 retract-

able shank box blade 6.5' 14 Cub Cadet LZ60 zero turn 145 hrs

NEW EQUIPMENT

Farmall 35C MFD loader Farmall 95A MFD cab Farmall 115A MFD Cab Magnum 280, 195 hrs Case IH 335 Turbo 28' CaseIH DC133 disc mower conditioner Several Bush Hog rotary mowers and tillers

Complete line Bush Hog zero turn mowers



ROSSVILLE Truck & Tractor ROSSVILLE, KANSAS 785-584-6195

785-488-5150

MISCELLANEOUS

SHOP RHV STORE in Abilene for all your hardware, appliance and gift needs.

LEGACY SOLUTIONS Insurance offers farm and ranch insurance coverage and Medicare supplement coverage Call 785-789-3441.



advertising for your buck!

Classified Liners: \$0.65 per word Prepaid: 10% discount 2-3 weeks, 25% discount 4+ weeks

Classified Display Ads: \$10 per column inch Add logos/photos for free!

No discounts for billed or display ads. Refunds not available for prepaid ads after 1st run.

Call today! 877-537-3816

K-State prof giving undergraduate students sneak peek at research

Cassie Jones knows that much of the learning that students will do in college happens outside a traditional classroom.

So it's no surprise that Jones, an associate professor in Kansas State University's Department of Animal Sciences and Industry, is deliberate about exposing undergraduate students to research – often for the first time in their young careers.

"This generation of students is going to have to solve some critical challenges, so we need them to be able to think critically and use science-based reasoning," Jones said. "We want them to be trained to evaluate good science and use science to make the best decisions."

"Agriculture," she adds, "is very science-based; we're a very progressive industry."

One class, Jones said, is particularly popular with students because they get hands-on experience with pigs.

"The project they are working on is really cool,"

uating alternatives for antimicrobials, which are designed to prevent the spread of bacteria, fungi and some viruses. We know that there is consumer demand for reducing the reliance of the swine industry on feedgrade antibiotics. So, as a class, these 20 students are in charge of 360 pigs for six weeks, and they're doing all of the chores, weighing the pigs and how much feed they're getting so that we can calculate their feed efficiency."

she said. "We are eval-

Jones is an accomplished researcher herself. In 2013, she was part of a K-State team that discovered that viruses and bacteria could be transmitted through feed and feed ingredients.

"Seven years ago, we had no scientific knowledge that a virus could survive in feed or an ingredient," she said. "Understanding that has helped us prevent the transmission of such diseases as African Swine Fever virus, which continues to circulate around



KSU associate professor Cassie Jones works hard to give undergraduate students opportunities to experience research first-hand.

our global trading partand feed ingredients, it's a ners but has yet to enter That work, she said, involves K-State faculty in

Those facilities, she adds, include the universitv's Cargill Feed Safety Research Center - the only biosafety level 2 facility in the country that has feed manufacturing facilities - and the Biosecurity Research Institute (BRI) – a level 3 research facility that is home to comprehensive infectious-disease research

addressing threats to agriculture and public health. Both facilities are located in Manhattan.

"In our case, we set up a feed mill inside the BRI and intentionally contaminate feed with African Swine Fever virus to learn how it may spread or be distributed in a feed mill environment," Jones said. "Then we can determine the things we can do to eradicate it in different

Jones, who also is coordinator of undergraduate research in her department, notes that students may not always get an opportunity to participate

in high containment research - "It takes about six months of training and approvals," she says - but they are routinely part of the buildup studies.

Page 19

"I didn't go to college to become a feed safety researcher; the field didn't even exist six or seven years ago," Jones said. "Allowing students to gain that skill set and exposing them to research in a safe environment allows them to feel research for the first time and find out if they're interested in it. And, it may help them apply some of these industry questions to their lives as they move on."



harvest – hay field evaluations After the

the United States."

veterinary medicine, ani-

mal science and grain sci-

ence, as well as students.

type of collaborative ef-

ria through animal feed

"It really takes that

By David G. Hallauer, **Meadowlark District** Extension agent, crops & soils/horticulture

With hay harvest winding down, it's easy to get bales hauled away and forget about fields until we return to apply fertilizer for next year. With some of the production issues we saw in 2020, time spent on some post-harvest monitoring may be something to consider this year.

Ample moisture across much of the area has seen cool season stands green up. That's good, particularly when it could have been slowed by recent temperatures (cool season grasses much prefer 75 degrees over 95 degrees...). Hay fields I've monitored for canopy cover have showed reduced growth as temperatures climbed,

but post-harvest greenup helped considerably.

The combination of good moisture and open canopy created by haying have also given weeds an opportunity to return. Now is a good time to monitor weed pressure to determine if control programs are necessary. The dogbane species have really taken off again this season. If this is the first

DO'S CIES

year you've had an issue. it may be a coincidence. If it's a multiple-year problem on the increase, it may be time to consider a control program. There are limited control products available for dogbane, with application to avoid damage to desired forages the key.

A lot can - and will happen in the hay stand from now until fall dor-

Preston Ammann

Performance Horses

COLT STARTER

HORSE TRAINER

ABILENE, KANSAS

(785) 488-7749

prestonammannhorses@outlook.com

mancy. Armyworm invasions. Early freezes. Weed pressure. Too little moisture. All can affect the 2021 crop. All deserve attention now to help keep next year's production up to par.

LEGAC

pion bred-and-owned female at the 2020 Kansas Junior Angus Association Preview Show, June 6-7 in Hutchinson. Alexandria Cozzitorto, Olathe, owns the November 2018 daughter of EXAR Blue Chip 1877B. She first won senior champion. Ryan Sweeney, Stillwater, Okla., evaluated the 96 entries.

Photo by Jeff Mafi, American Angus Association

Legacy Solutions Insurance

Clint Lowry, Independent Insurance Advisor for Legacy Solutions Insurance, makes it his mission to be a trusted Medicare advisor for solutions that protect your lifestyle and financial legacy.

With expertise on Medicare Supplements, he joined the Legacy team to help people with their insurance. Before joining in 2019, Lowry worked as an insurance agent in Norton, Kansas, and was vice president of Mid America Bank in Esbon, KS.

Lowry says, "Medicare is definitely a maze, but it's easier when you feel comfortable and you know where there is enough time to talk about your unique situation and get answers to all of your questions. Before you make a decision that could impact the rest of your life, get in touch with me. Don't trust a piece of mail or a telephone call from a stranger. I will get to know you and help you sort through the options until we find the plan for your specific needs."

Looking for someone to help you with Medicare or need to look into insurance options?

Visit Legacy's website at www.legacysolutionsks.com or contact Clint Lowry at clint@legacysolutionsks.com



fort to understand the complexity of an issue," Jones said. "As we continue to evaluate the potential routes and ways to minimize the transmission of viruses or bacte-

unique collaboration that is made possible because we have the facilities to work in that area."

feeds."

for all of your advertising meeds!

Donna Sullivan

Editor & Adv. Sales Rep gandgeditor@agpress.com Cell: 785-632-7001 Office: 785-539-7558 Fax: 785-539-2679



Shelby Mall

Advertising Sales Rep shelby@agpress.com Cell: 303-518-0327 Office: 785-539-7558 Fax: 785-539-2679



Kurtis Geisler Advertising & Printing Sales Rep kuntis@agpress.com Cell: 785-293-2221 **Office:** 785-539-7558 Fax: 785-539-2679

www.GrassAndGrain.com

Grass & Grain, August 4, 2020

Davidson joins Osborne Industries sales staff

Osborne Industries, Inc., is pleased to announce that Chevy Davidson has been named North America sales representative for livestock equipment. Along with Osborne's customer centric focus. Davidson will assist in the distribution of Osborne's pig management equipment in the Midwest United States. "Having worked in the industry all my life, I know the challenges facing the modern producer," stated Davidson. "In my new role, I hope to help producers discover the tools Osborne has that help improve efficiency at every stage of production."



Subscribe to Grass & Grain ONLINE at: grassandgrain.com



Davidson brings extensive experience and knowledge of the industry to Osborne. He has real-world past experience working with animals on a 3,200-head sow farm in southwest Iowa and as a technical service representative for a major pig equipment manufacturer and distributor in the late 2000s. Most recently, Davidson worked in both sales and purchasing at Ag Property Solutions of Emmetsburg, Iowa, (formerly Win-Win, LLC, of Camp Point, Illinois).

"We are very pleased to have Chevy join our team of employee owners at Osborne. He brings knowledge and experience in the industry that will help us to continue developing solutions which meet the challenges faced by pro-

Marysville Livestock Sales

ducers," said Amy Conrad, Osborne's Sales and Marketing Manager. "Being located in north central Missouri, Chevy is in the heart of premier hog production country in the U.S., and has a unique ability to communicate with actual producers to help them solve their most complicated production challenges."

Osborne Industries, Inc., is a diversified developer and manufacturer of livestock management equipment. Osborne products like Stanfield Heat Mats, Big Wheel Feeders, ACCU-ARM Scales, AGRI-AIDE Ventilation Equipment, and advanced automated feeding and weighing equipment like TEAM Electronic Sow Feeding (ESF) Systems, FIRE Pig Performance Testing Feeders, and the Weight Watcher Growth Management System are marketed and distributed worldwide. For more information about Osborne and their line of production equipment, visit www. osbornelivestockequipment.com or e-mail info@ osborne-ind.com.

KDA releases Custom Rates Survey

The Kansas Department of Agriculture in cooperation with the Kansas State University Land Use Survey Program has published the 2020 Custom Rates Survey, a summary of rates paid for custom work. The survey and report are released on a biennial basis.

The report details the average rates paid by Kansas farmers and ranchers for custom work performed on their operation in 2020. Rates reflect fair market value for custom services either rendered or hired and can be used by Kansas farmers and ranchers as they make decisions about rate charges.

"We view the Kansas Custom Rates Survey as a very valuable tool for farmers, ranchers and agribusinesses to access as they enter into new and negotiate existing contracts and agriculture service arrangements," said Secretary Mike Beam. "KDA works to provide support and assistance to help make Kansas agriculture more successful, and we are pleased to partner with K-State to publish this biennial survey."

Last published in 2018, the new report indicates average custom rates have increased; it also includes historical tables and graphs which show results from previous surveys. Prices in the report should not be regarded as official or established rates.

For more complete information and access to the report, please visit the KDA website at www.agriculture.ks.gov/AgStatistics or contact KDA economist Peter Oppelt at 785-564-6726 or Peter.Oppelt@ks.gov.

Wet brewers grain – a welcome by-product

By Wendie Powell, livestock production agent, Wildcat Extension District

While visiting his favorite bar, Cheers, Mr. Norm Peterson was quoted saying "Well, I never met a beer I didn't drink." Many Americans share the same feelings about the drink as Norm did. The website usbreweryguide.com listed 44 different breweries just in Kansas. No matter the size of the company, all of them use grains to produce their products and in doing so, produce by-products. The wet brewers grains (WBG), by-products cannot be used for human consumption, but could be used as a protein and energy source for livestock. These grains are usually barley, but occasionally corn or rice.

Wet brewers grains from large breweries have been used in livestock feed for vears and the nutrient content of those byproducts are well understood. The protein, fiber, and energy concentration of WBGs make them a suitable supplement in both ruminant and non-ruminant diets. However, because of the protein concentration and high fiber concentration, it may be more beneficial in a ruminant diet to support rumen function and animal production.

However, little is known about the WBG from microbreweries, which can normally be acquired at reduced or no cost. A case study done in Illinois

BENNINGTON GUN STORE

Schur Firearm Sales, LLC

looked at 26 WBG samples taken from just one microbrewery. These samples were spent grains from the production of multiple types of beers. The moisture content varied from 68 to 80 percent, the crude protein ranged from 15 to 23 percent, the acid detergent fiber ranged from 9 to 25 percent, and there was also a large variant of the calcium and phosphorus content.

This WBG was included in a finishing ration at 7.2 percent of the ration on a dry matter basis, which replaced some of the corn, corn silage, and dried distiller's grains with soluble that were contained in the control ration. The researchers concluded that small amounts of WBG added in the diet of finishing calves would support the desired growth and performance. However, the study showed a trend of these calves having decreased marbling scores and lower tenderness. The researchers noted the need for more information to find out why there were carcass quality differences.

Given the nutrient content of wet brewers grain, it can be utilized in many different ways to supply nutrients to livestock. There are a few concerns though. The moisture content could cause a storage issue; if not consumed in a certain amount of time, it will spoil faster in the summer and freeze solid during the winter. The variation in nutrient composition could cause an issue, so it is suggested to consistently test the WBG for its nutrient content, including minerals. It is also recommended to have a nutritionist review the nutrient analysis reports and provide recommendations based on your operation goals.

So the next time you walk into your favorite drinking establishment, a place where everybody knows your name, it might be worth asking what they do with their spent grains. If you need help with getting a sample analyzed or nutritional information, I can be reached at (620) 784-5337, wendiepowell@ ksu.edu.

For more information, please contact Wendie Powell, Livestock Production Agent, (620) 784-5337, wendiepowell@ksu.edu.

Kansas milk production up three percent

Milk production in Kansas during June 2020 totaled 322 million pounds, up 3% from June 2019, according to the USDA's National Agricultural Statistics Service. The average number of milk cows was 167,000 head, 5,000 head more than June 2019. Milk production per cow averaged 1,930 pounds.

Every mursuay at 12 Noon					
Bill Keesecker, Manager • 785-562-1015 1180 US Hwy. 77, P. O. Box 67, Marysville, KS 66508					
	• •				
			DETAILED MARKET REPORTS AND ES: www.marysvillelivestock.com		
STEERS/BULLS			Market Report for 7-30-2020.		
	BEEF	HOLSTEINS	300 HEAD SOLD		
300-400#	\$160.00-\$141.00	\$93.25-\$85.00			
400-500#	\$159.00-\$150.00	\$93.00-\$83.00	HFRETTES:		
500-600#	\$159.00-\$148.00	\$92.50-\$85.00	N/A		
600-700#	\$152.00-\$144.00	\$92.25-\$86.00	COWS-HIGH YIELDING		
700-800#	\$138.00-\$128.00	\$91.00-\$87.00	1700#-1100# \$95.00-\$68.00		
800-900#	\$128.00-\$112.00	\$90.00-\$79.00	1700#-1100# \$95.00-\$08.00		
900-1,000#	\$110.00-\$102.00	N/A	COWS-LGT WT & LOW YIELDING		
HEIFERS			1500#-880# \$67.00-\$45.00		
300-400#	\$163.00-\$150.00		DUIL O		
400-500#	\$151.00-\$148.00		BULLS:		
500-600#	\$149.50-\$144.00		2400#-1050# \$99.00-\$80.00		
600-700#	\$142.00-\$135.00				
700-800#	\$120.00-\$115.00	Custor	ner Appreciation Sale will be August 6		
800-900#	\$119.00-\$99.00	GUSION	ner Appreciation Sale will be August o		

	FIELDMEN					
Jim Dalinghaus Dave Bures, Auctioneer Jeff Cook Greg Anderson Trevor Lundberg	Taylor Schotte					
785-799-5643 402-239-9717 785-564-2173 785-747-8170 785-770-2271	785-268-0430					
Bailevville, KS Odell, Nebraska Hanover, KS Waterville, KS Frankfort, KS	Marvsville, KS					
Barn Phone • 785-562-1015 www.marysvillelivestock.com						



Home of the engine and oil changes for life!

Great selection of new and preowned vehicles.

You will receive the absolute best customer service.

Come to Clay Center KS where Glavan Ford is changing the way vehicles are being bought!

Shop us online @ GlavanFordofcc.com 1-800-794-4010 811 Fifth St • Clay Center, KS



JD Air Seeder Owners Exapta Demo Days

Aug. 4 - Lincoln, KS Aug. 5 - Palmer, KS

Schedule individual one on one appointment times to visit with an Exapta product specialist about UniForce hyd. down pressure Intelligent Ag blockage systems & other Exapta products.

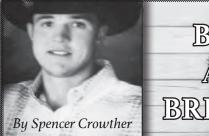
Attendees qualify for \$200 Exapta store credit & FREE iPad!

Call Dale 620-877-7289 or go to www.exapta.com to schedule

Yard & Garden Tips

By Gregg Eyestone





I have a riddle for you: what supports 121 pounds. goes 40 miles an hour, and is covered in a garland of flowers?

Hint #1- It has has only been achieved 13 times in 101 years, for a completion rate of 12.87%.

Hint #2- Around 20,000 are eligible each year, they can only compete at a specific age, and they must reach certain performance requirements before participating.

Hint #3- It is composed of three separate competitions, in three different states, and takes place in just five weeks.

Give up?

achievement This seems to be somewhat put aside in today's sports world, with the overwhelming popularity of the NFL, NBA, MLB, and NCAA. Nonetheless it is one of the greatest and toughest feats in sports history.

The Triple Crown is the pinnacle of what a equine athlete can accomplish. They are the Michael Jordan, Tom Brady, or Tiger Woods of their time. Our world has lost the appreciation for the brilliance of the thoroughbred, which is no less brilliant than that of a first-round draft pick.

The Triple Crown is composed of three separate races – The Kentucky Derby, The Preakness, and The Belmont Stakes. Start-



ing the first Saturday in May in Kentucky, moving to Maryland two weeks later for the Preakness, and the final leg in three more weeks with the Belmont Stakes in New York. All three contested at different distances. Any of these races would be a great achievement, but add them all together and you get a legendary conquest of the sport. To me, it is the equivalent of climbing Everest three times in five weeks. It can be done, but there is a 87.13% chance you will perish.

The features that make up the "13 Kings" are not much different than our own great sports icons. They are faster, quicker, and stronger than their mortal counterparts. The most important feature though is their mind. The aptitude and attitude they bring to the table. It takes no less ice water in you veins, or grit to hit the winning shot at the buzzer of Game 6, than for Affirmed to defeat Alydar, going eye to eye for 1 1/2 miles around the "Big Sandy."

There is a lot to be learned from those "13", even more than from our own sports heroes. Today we see them, hear them, read about them constantly. They tell us how great they are, but all the noise can be deafening. The horse can not speak; he

can't tell you how great he is. His owner, trainer, or jockey can, but the great ones could be trained, owned, and rode by anyone, they breathe different air and transcend circumstances and time. You can only believe it when you have seen it. Secretariat "moving like a tremendous machine," decimating his opponents by 31 lengths in the Belmont Stakes. Seattle Slew and Justify being the only undefeated Triple Crown winners, and Justify being able to do it not racing as a two-year-old. The 37-year drought was brought to an end with the downpour of brilliance that was American Pharaoh. If you have, you might have a different sports idol than your neighbor.

Even though this year is different, we still have a horse making his way towards that legendary monicker of Triple Crown winner. Hopefully if he is the 14th to be added to the list, we as people will open our eyes to the brilliance of these athletes and the sheer excellence unfolding in front of us. The poetry of motion can only be seen from one creature on this earth - the horse.

Bonus Questions

Who is the only horse to complete the "Grand Slam"? (Winning the Triple Crown and Breeders Cup Classic)

Name five out of the ten fillies that have won Triple Crown races.

Who was the first Triple Crown winner?

Out of the 13 Triple Crown winners, who has the fastest Kentucky Derby time?

Weekly free online gardening programs continue in August. These programs are live over the noon hour for participants to ask questions through the chat box. Recordings of the program are available soon upon completion. You can register and review the recordings at the K-State Horticulture Information Center webpage.

Wednesday, August 5th: Fall Vegetable Gardening with Tom Buller

Fall is the best time of the year to grow vegetables in Kansas, and it is not too late to start for the year. This presentation will cover tips and tricks of establishing and caring for a fall vegetable garden, as well as some pointers for fall season extension and putting your garden to rest at the end of the season.

Wednesday, August 12th: Hummingbirds in Kansas with Chuck Otte

Hummingbirds are fascinating and fun to watch for the entire family. Through a blend of landscaping and use of feeders you can enhance the opportunity to view and enjoy these tiny little flying jewels. Chuck Otte, Geary County Ag and Natural Resources Extension Agent, will discuss hummer-friendly plants, how to use feeders effectively, and how to deal with common problems with your hummingbird-friendly yard.

Wednesday, August 19th: Preserve it Fresh, Preserve it Safe with Karen Blakeslee

If your garden is overflowing with fresh produce, what will you do with it? Besides enjoying the fresh flavors or sharing with family and friends, preserving the produce for

later use is a great way to enjoy that taste of summer later in the year. Karen Blakeslee, Extension Associate in Food Science and Rapid Response Center Coordinator, will highlight some easy ways to safely preserve your food.

Wednesday, August 26th: Fall Lawn Care -Planting and Overseeding vour Tall Fescue Lawn with Matthew McKernan

Fall is undoubtedly the most important time of year to care for your Tall Fescue lawns. Whether you are starting a new lawn, or thickening up an existing lawn, there are many planting tips & tricks that you need to know. Mat-

August K-State Garden Hour Offerings thew will cover the best tips for soil preparation, seed selection, planting techniques, and planting time in order to help you have the best lawn on the block!

You can find out more information on gardening by going to Riley County's K-State Research and Extension website at www. riley.ksu.edu and you may contact Gregg Eyestone at the Riley County office of K-State Research and Extension by calling 537-6350 or stopping by 110 Courthouse Plaza in Manhattan or e-mail: geyeston@ksu. edu



AUCTION for DON CHEGWIDDEN ESTATE SATURDAY, AUGUST 15, 2020 — 9:00 AM

AUCTION LOCATION: 627 Market Street — PORTIS, KS ANTIQUES, PRIMITIVES, COLLECTIBLES inc: Pickle & coffee jars duck TV light; doll house w/doll furniture; banana box (Smith Center Min Max); Kelly's Famous flour bag; brass keys; Dewar's Finest Scotch Whis key mirror adv.; Camel adv.; CI griddle; bone dishes; well pulleys; jewelry box; Crosley radio (newer); metal milk carrier w/bottles; ammo boxes adv. yardsticks; CI hooks; Midget CI seeder; Jesus lamp; old speake brass pans: iron wheels: brass light: Delco metal cabinet: US Auto Clul sign; Stop Sign; Griswold CI waffle iron; wooden pulleys; large anchor B&D port. saw & cabinet; 2 nice large anvils (Trenton etc); small anvil Army spades; primitive cabinet; grinding wheels (1 lg.); CI kettles (some w/holders); CI wheels; Ig. sign brackets; galv. buckets; CI wagon whee oiler; Miller Brew Box; old locker cabinets; old galv. tin tray shelf w/draw ers; metal ice box; ornate hat racks; Weaver CI stand; milk cooler; ATSI RR jack; lg. CI brackets; US Post Office scales; old hardware holders & harness hooks; Delta mitre saw; cut off saw; meat saw; Exit sign: duck decoys; telephones; brass fire extinguisher; Phillips 66 tin. **TOOL**S etc: Craftsman multitool; B&D elec. screw driver w/access.; Craftsman 1/2" circular saw; carving set; steel & meat saws; vet syringes & needles acetylene torch set; jacks; 48" rigid pipe wrench; tool boxes w/misc. tools reamer; lots of cut off wheels; chain comealongs; vise; drill bits; dehorn ers; Proto distributor wrenches; carpenters chest w/old wrenches; say horses; organizers w/nuts, bolts, screws, etc.; spades, shovels, hoe barley fork; stone hammers; log chains; chain hoists; Handyman jacks hand tools; Newhouse trap; tool racks; Craftsman shaper; Craftsman 10 radial saw; Craftsman grinder on stand; Powercraft band saw; Kalamazo metal band saw; propane heater; painting supplies; Craftsman planes (Stanley #21 etc); wood clamps; 10" planer; branding irons; grinders; Schumacher battery charger 40 amp; lathe tools. MISC .: Hiawatha boys bicvcle: Christmas decor: small showcases; poker set; hammock; chicker waterers; metal & wood chicken nests; infared gas patio heater; unique mail box; chicken incubator; lots of items on this auction!

Please go to our website For Full Listing! www.woltersauctionandre.com ale Conducted by: WOLTERS AUCTION & REALTY 627 Market St., Box 68 • Portis, KS 67474 • 866-346-2071 Cols. Jim Wolters, Broker & Auctioneer Phone 785-346-2071; Cell 785-545-7097 Email: wauction@ruraltel.net • Website: www.woltersauctionandre.com

Marshall pushes for additional assistance for agriculture

U.S. Rep. Roger Marshall, M.D. recently sent a bipartisan, bicameral letter to Congressional leadership encouraging the inclusion of The Farming Support to States Act in the forthcoming COVID-19 aid package. The legislation would provide federal funds to states and other stakeholders to support America's agriculture industry and help it respond to disruptions in the food supply chain caused by COVID-19.

"More than 40 percent of the Kansas economy is tied to agriculture and earlier this year, we saw the impacts of COVID play out in southwest Kansas and in other food processing facilities across the state. I was on the front lines of that crisis and saw first-hand the disruptions COVID can create for producers as well as consumers," said Marshall. While the packing plants are back to near 100 percent production levels, the impact on our livestock owners, farmers, and other producers continues. The Farming Support to States Act would enable farmers and ranchers to be more nimble in their response to emerging issues so that our food supply remains as stable as possible in these challenging times."

The bipartisan Farming Support to States Act would increase the reliability of food access, stabilize food supply chains, address the challenges of keeping the workforce safe and on the job, respond to severe food supply disruptions, prevent and reduce catastrophic losses of livestock, milk, produce and other products, and stabilize rural economies by reducing the impact of agriculture market shocks and panicked herd and farm liquidation. The legislation is supported by the National Association of State Departments of Agriculture and the American Farm Bureau Federation.

FARM RETIREMENT AUCTION SATURDAY, AUGUST 22, 2020 — 9:00 AM AUCTION LOCATION: 16755 Cannonball Rd. — WAMEGO, KANSAS Sale Highlights: Kawasaki 4x4 Mule; Lone Star alum. flat bot

SELLERS: JOHN L. & JUANITA HABLUETZEL Look for Full Sale Bill List in Future Editions!

tom boat (12'); Gehl 2500 skid-steer/loader w/bucket; 1972 C50 farm truck (5 sp. & 2 sp.); 1997 Buick LeSabre; Landpride 15' bat wing mower; Stroberg loading chute; 4 wheel 8x16 hay wagon w/ steel stringers; 2 wheel 4x8 tilt trailer; 2009 John Deere EZ Trak zero turn riding mower; John Deere 525 48" riding mower; sev McCall's cabinets; 8310 John Deere pedal tractor; lots of shop tools, collectibles and antiques!



FARM AUCTION SATURDAY, AUGUST 15, 2020 - 9:00 AM Vinland Fairgrounds, 1736 N. 700 Rd. —BALDWIN CITY, KS 4 miles North of Baldwin City on Dg. 1055 (1700 Rd.) to 700 Rd. turn East 1/4 mile to Auction! WATCH FOR SIGNS! Due to the passing of JC & Mary Lou the following will be sold

to the highest bidder! TRAILERS, TRACTORS, EQUIPMENT & MISC.

Featherlite 7x24 GN Aluminum Livestock Trailer, 1 cut gate w/ slider Very Clean!; Ford 7710 Tractor dsl, factory cab & heat, 540-1000 pto w/GB M60 loader Will sell as complete unit!; IH Farmall 806 Tractor dsl, 540/1000 pto, ROUND FEND-ERS w/heat shield; Badger 205 manure spreader; IH 311, 3-18 fast hitch plow; IH 8' fast hitch hydraulic blade; IH hay/grain trailer w/sides; AC side delivery rake; Roorda 600 manure spreader 1000 pto (needs 1 apron chain); 12' pull-type chis-el; JD 5-18 semi-mount plow; Travalong 7x20 GN Livestock Trailer (needs floor bill of sale only!); 5.5x9 tilt factory trailer; factory 2-wheel car dolly trailer; shopmade 7x12 trailer; Hay Wagon w/Snow running gear; loader pallet forks: Filson cattle chute w/self-catching head gate on wheels; cattle load-

ing chute; Osborne Accu-Arm 500lb scales; Hog chute w/ head catch; 16' elec. hay elevator; 300 gallon fuel tank/stand; 18,4-34 duals/rims; wooden feed bunks; hanging hog feed-ers; Vintage Minneapolis Moline 1-Row Corn Picker (Rare!); JD 317 Lawn Tractor w/rear tiller; Wayne Letter Lighted Sign Board Trailer w/red & black let ters/numbers; Winpower 30/20 pto generator trailer; Hobart Powerweld 303 Pipeline welder; Millermatic 250 Wire Welder w/ bottle & cart; Lincoln Ideal Arc 250 welder; Large Acetylene/ Oxygen torch set w/dolly; 4x4 Welding Table w/Rigid pipe & bench vises; drill press; large A-Frame on wheels; Milwaukee portable bandsaw; Yale electric hoist; stamp set (letters); power & hands tools of all kinds!; Stanley #8 plane; milk cans; vintage oil fill cans; hardware/bolts/nuts; misc. metal/iron; numerous items too many to mention!

SELLER: J.C. & MARY LOU BROWN LIVING TRUST

Consigned By Neighbor: Pride Farm livestock waterer; 12 volt hydraulic bale spike for truck; round hay rings; 500 gal. pull-type sprayer w/40' booms & pto pump; 3 pt. post hole digger w/9" bit; hedge posts.

Concessions: Worden Church Ladies. Loader Tractor Day of Auction Only!

Due to Covid 19 we are taking precautions for the health and well-being of our Customers & Staff. Out of the abundance of caution and in accordance with local, state federal guidance/recommendations in place please follow social distancing while attending. We ask everyone to please do what is best for themselves & if in doubt, please stay home. Thanks for your patronage and cooperation in the New Normal of the Auction Industry!

AUCTIONEERS: Mark Elston & Jason Flory (785-218-7851) (785-979-2183) "Serving Your Auction Needs Since 1994" Please visit us online: www.KansasAuctions.net/elston & FlorvAndAssociates.com for 100+ Pictures!

Check us out on Facebook & Online for more info www.kscrossroads.com www.face ok.com/KScrossroadsauctions



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

UPCOMING AUCTIONS

HOFFMAN ESTATE AUCTION: SATURDAY, AUGUST 8 - 8 AM 1103 Sioux Road — LINDSBORG, KANSAS Contents & Bean house (to be taken down & removed from property)

REAL ESTATE & PERSONAL PROPERTY AUCTION: SATURDAY, AUGUST 22 - 8 AM (Real Estate sells at 8AM) 6640 S. Muir Road — LINDSBORG, KANSAS

APPROX. 130 HIGH-END GUNS, SCOPES + AMMO AUCTION SUNDAY, AUGUST 30 - 1 PM 601 S. Broadway, SALINA, KANSAS

REAL ESTATE & PERSONAL PROPERTY AUCTION: SATURDAY, SEPTEMBER 12 - 10 AM 329 N. PENN, SALINA, KANSAS

2-DAY SALE AMMO & RELOADING EQUIPMENT AUCTION: SATURDAY, SEPTEMBER 19 - 10 AM 601 S. Broadway, SALINA, KANSAS 2ND DAY GUN AUCTION: SUNDAY, SEPTEMBER 20 - 1 PM 601 S. Broadway, SALINA, KANSAS

CONSIGNMENT AUCTION: TO BE DETERMINED 601 S. Broadway, SALINA, KANSAS

CALL TO BOOK YOUR FARM, HOUSEHOLD, OR MACHINERY AUCTION!

LOCATED AT 601 S BROADWAY, SALINA, KS Warehouse space available in secured fenced lot -1500 sqft ground level, large overhead door, \$400/month electric & snow removal provided Plastic rain barrels - \$15 each

VOTED SALINA JOURNAL READERS' CHOICE AWARDS BEST OF THE BEST WINNER AUCTIONEER FIVE YEARS IN A ROW!

FOR LATEST UPDATES & PICTURES go to website www.soldbywilson.com



EUN BUA 1993, SHLAVA AS UTAL (1997) LONNIE WILSON - OWNER/BROKER/AUCTIONEER * (785) 826-7800 DAVE HUNT - SALES MANAGER * (785) 201-5257 CAROLYN HUTCHINS - OFFICE MANAGER * (785) 823-1177 Lonnie Wilson

Website & Contact Email Addresses: www.soldbywilson.com

Shop Tools, Antiques, Guns AUCTION

SATURDAY, AUGUST 15, 2020 — 9:30 AM OCATION: From SCOTT CITY, KS, 9 miles East on Hwy. 96 & 1 mile North.

SHOP TOOLS: Large welding table; Homier cut off saw; Stihl gas & electric chain saws; sm. electric hand tools; bench grinder; Oak wooden shop bench; hyd. mo-torcycle jack; Craftsman 6" jointer; Makita miter saw; Craftsman 10" radial arm saw; tool boxes; gas cans; LP bottles; log chains & boomers; hyd. jacks; 5000-watt generator; Troybilt pressure washer; Simpson contractor gas powered pressure washer; Campbell Hausfeld air compressor lo poly tool box; 12-volt post hole digger; "L" shaped pickup fuel tank, 12-volt pump; 150 gal. round pickup fuel tank, 12-volt pump; pump jack; one-way weights; Gallagher solar powered fence charger; Other items.

Lawn & Garden: Maverick Bad Boy ZTR mower, 60", Kohler 747cc motor, air ride seat; Craftsman 6400 ZTR mower, 54" deck Kohler 22 hp motor; IHC Cub Cadet tractor mower, w/Kubota diesel motor; Case 224 tractor riding mower, hydrostat w/ roto tiller, blade, mower deck; JD LX 188 tractor riding mower; Craftsman tractor mower, 42 deck, 17hp motor; Fimco 20 gal. yard sprayer trailer, 12-volt; sm. Homelite garden tiller, gas; JD self-propelled walk behind mower; MTD chipper/shredder, 5 hp; shovels, rakes & hoes; ATV tires, 25.10x12; wheel barrow; DR walk behind trimmer 190cc; Husqvarna walk behind trimmer, 6.25 hp; sm. 4x6 utility trailer; garden hose; Troybilt rear tine roto tiller; weed eater, trimmers; lawn chairs; Caterpillar lawn sprinkler; lots of ice coolers & jugs; Louisiana pellet grill; elec. transfer pump.

ANTIQUES & COLLECTIBLES: Large collection of cast iron bean pots, Dutch ovens, skillets, most Griswold & Wagner; cast iron seat & wheels; scythe; wooden nail kegs; kitchen utensils; walking plow; barn lanterns; crock water cooler; (3) open crocks; Miniature Radio Flyer wagon, tricycles, wheelbarrow; sm. curio cabinet: cast iron soap kettle: kitchen cabinet top; apple peelers; sm. wooden boxes; Case IH MX270 pedal tractor; JD Model A pedal tractor.

FURNITURE & APPLIANCES: (2) Whirlpool upright freezers; chest type deep freezer; GE side-by-side refrigerator; Ranch oak bunk beds: Ranch oak small table; Ranch oak loveseat; Ranch oak gun safe; Ranch oak round table & 6-chairs; Chrome Craft dining table w/6 chairs; roll top

desk; Grandfather clock. HOUSEHOLD ITEMS: Tup-perware; quilt rack; microwave ovens; Ig. roasters; pictures; butcher knives; dehydrators; NordicTrack exercise bike; lg. selection of canning jars; (2) 12 place settings of china.

GUNS: Taurus 357 cal. revolver, Brazil; Rohn 38 cal. Special re-volver; Glock 40 cal. hand gun, #23; Ruger MKIII Hunter 22 cal. hand gun; Ruger MKIV red label, hand gun; Winchester Model 180 rifle, 22 cal.; Browning Model 12 shot gun, 12 ga.; Winchester Model 1200 shotgun, 12 ga.; Remington 54 cal. black powder rifle; Remington 30-06 rifle w/ scope; Competition pellet rifle w/ scope; (3) BB guns; hunting & dog training books; gun cases; fishing poles.

Check us out on Facebook & at www.berningauction.com

JIM & JANELLE KREHBIEL, OWNERS TERMS: Cash or approved check day of sale. NO Credit Cards! Must have VALID ID to REGISTER. No Exceptions! Everything sold as is. No warranties expressed or implied. Not responsible for theft or accident. Announcements day of auction take precedence. No pets allowed in building. LUNCH served. NOTICE: Due to Covid-19, you are responsible for your own SAFETY and HEALTH. The auction company nor the seller will be held responsible. Social guidelines are in place, so please be respectful. We know auctions are a hard place to social distance, so we will have masks and hand sanitizer available. *Enjoy the auction!*

BERNING AUCTION, INC., 812 West M St., Leoti, KS 67861 620-375-4130

One of the most important decisions wheat growers make each vear is deciding what varieties to plant. Some have greater resistance to certain diseases than others. Some yield well despite pressure from some pests and diseases. So gathering information about how different varieties have performed under widely varying conditions across Kansas can be helpful in

those decisions.

To that end, the Wheat Variety Disease and Insect Ratings 2020 publication is now available online. The ratings are a compilation of varieties grown across the state in the most recent growing season with information about how they performed in multiple field and greenhouse tests by public and private researchers.

"These are the most up-

to-date ratings for how varieties stand up to disease pressure we have here in Kansas," said Kelsey Andersen Onofre, K-State Research and Extension plant pathologist and an author of the ratings guide.

"Fortunately, we did not see widespread losses to any one major disease this season, as we have in years past," Onofre said, adding that pockets of severe diseases such as stripe rust or wheat streak mosaic virus were apparent with some yield loss, but that much of Kansas was spared.

"We shouldn't let our guard down," Onofre said, however, despite the relative lack of significant wheat disease in the 2019-20 crop.

We have included a table that lists varieties that perform well against

the most common diseases found in either eastern or western Kansas, but you'll still want to take a look at the full set of disease ratings for any one variety once you have narrowed down your list," Onofre said, noting that it is particularly important to pay attention to ratings for diseases that may have been problematic on your farm

disease and insect ratings are complementary to data in the Winter Wheat Performance Tests. Together, they offer growers across the state valuable information when choosing varieties to plant this fall.

An interview with Onofre about the 2020 wheat disease and insect ratings is available on the Agriculture Today podcast website.

She noted that the new Finalists selected for 2020 Kansas Leopold conservation Award

Three finalists have been selected for the 2020 Kansas Leopold Conservation Award®.

Given in honor of renowned conservationist Aldo Leopold, the prestigious award recognizes landowners who inspire others with their dedication to land, water and wildlife resources in their

In Kansas the \$10,000 award is presented annually by Sand County Foundation, American Farmland Trust, Kansas Association of Conservation Districts and the Ranchland Trust of Kansas.

The finalists are:

Vance and Louise Ehmke of Healy in Lane County. The Ehmkes remain profitable while conserving soil and water, by experimenting with crops like triticale. This cross between wheat and rye is popular as cattle feed and produces enough crop residue to protect fields from soil erosion. With more than 50 playas on their land, the Ehmkes are involved in research, education and outreach on playas' contribution to recharging the Ogallala aquifer. They also have hundreds of acres for migratory bird and pollinator habitat.

Josh and Gwen Hoy of Cedar Point in Chase County. At Flying W Ranch, the Hoys rotationally graze their beef cattle to create grassland bird habitat. Unique partnerships with conservation groups and neighbors have improved the quality of the local watershed and prevented the development of the Flint Hills. The Hoys have hosted large events on their ranch to promote the ecological value of controlled burns, and the conservation of tallgrass prairie.

Dwane Roth of Manhattan in Riley County. Roth owns Big D Farms in Finney County. He uses cover crops to build soil health and combat wind erosion on sandy soils. As one of Kansas' first Water Technology Farmers, he is passionate about addressing declining water levels and extending the life of the Ogallala aquifer. His participation involves researching and testing new irrigation strategies and technologies that maintain crop production while reducing water usage.

The Kansas Leopold Conservation Award will be presented at the Kansas Association of Conservation Districts' 76th Annual Convention in Wichita in November. The award recipient will receive \$10,000 and a crystal award.

"Kansas Association of Conservation Districts is excited to recognize these

outstanding landowners who are committed to conservation on their land," said Dan Meyerhoff, KACD executive director. "We are proud to partner with Sand County Foundation and the Ranchland Trust of Kansas to give these families the recognition they deserve."

"The Ranchland Trust of Kansas congratulates the finalists for the Leopold Conservation Award. RTK is proud to be a supporter of this award showcasing and celebrating the achievements of landowners who invest and succeed in conservation efforts of private lands," said Chelsea Good, Ranchland Trust of Kansas vice chairman.

"Recipients of this award are real life examples of conservation-minded agriculture," said Kevin McAleese, Sand County Foundation president and chief executive officer. "These hard-working families are essential to our environment, food system and rural economy."

in years past.

"As the national sponsor for Sand County Foundation's Leopold Conservation Award, American Farmland Trust, celebrates the hard work and dedication of the Kansas award finalists," said John Piotti, AFT president and CEO. "At AFT we believe that conservation in agriculture requires a focus on the land, the practices and the people and this award recognizes the integral role of all three."

The first Kansas Leo pold Conservation Award recipient was named in 2015. The 2019 recipient was Ted Alexander of Sun City.

The Leopold Conservation Award in Kansas is made possible thanks to the generous support of American Farmland Trust, Kansas Association of Conservation Districts, Ranchland Trust of Kansas. Sand County Foundation, Evergy, Farm Credit Associations of Kansas, ITC Great Plains, Kansas Department of Agriculture (Division of Conservation). Kansas Department of Wildlife, Parks and Tourism; Kansas Forest Service, USDA Natural Resources Conservation Service of Kansas, McDonald's. The Nature Conservancy, and a Kansas Leopold Conservation Award recipient.

In his influential 1949 book, A Sand County Almanac. Leopold called for an ethical relationship between people and the land they own and manage, which he called "an evolutionary possibility and an ecological necessity."

Sand County Foundation presents the Leopold Conservation Award to private landowners in 21 states for extraordinary achievement in voluntary conservation. For more information, visit www.leopoldconservationaward

UPCOMING AUCTION SATURDAY, AUGUST 22, 2020 - 9:00 AM

Held at the farm located at 2993 Main Street, at the North edge of TALMAGE, KANSAS. Talmage is located Northwest of Abilene, just South of Highway 18.

TRACTORS, VEHICLES, TRAILERS, MACHINERY, ANTIQUE MACHINERY, LIVESTOCK EQUIPMENT. EQUIPMENT, TOOLS, ANTIQUES, COLLECTIBLES & MISC. NOTE: Please wear masks & adhere to social distancing guidelines. CLERK: Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432

TWILA (MRS. ROSALIE) HOLT, SELLER Watch next week's Grass & Grain for listings & go to

kretzauctions.com or kansasauctions.net for pics & Info Auction conducted by: Kretz Auction Service Greg Kretz, Salesman & Auctioneer: (785) 630-0701 Guest Auctioneer: Morgan Riat, 785-458-9259

Price discovery policy passed at cattle industry summer meeting

Cattle producers worked for more than six hours during the Cattle Industry Summer Business Meeting in Denver to identify a policy that would help resolve concerns about live cattle marketing issues and lead the indus-

try to more robust price discovery. NCBA's Live Cattle Marketing Committee considered several proposals, each aimed at encouraging greater volumes of cash cattle trade. After intense debate, the committee and the NCBA

Board of Directors unanimously passed a policy that supports voluntary efforts to improve cash fed cattle trade during the next 90 days with the potential for mandates in the future if robust regional cash trade numbers are not reached by the industry.

"The policy decisions we made this week truly show the grassroots policy process at work. We had tremendous turnout for this year's summer meeting, clearly demonstrating that cattle producers needed the opportunity to meet in person to hammer out solutions to these important issues," said NCBA president Marty Smith.

Smith noted the work of the Live Cattle Marketing committee caps months of working group efforts to find industry- and market-driven solutions to increase price discovery without government mandates.

"The policy we passed today is the result of every state cattlemen's association coming together to work through their differences and find solutions that meet the needs of their members, all of whom agree that our industry needs more robust price discovery. This policy provides all players in the industry the opportunity to achieve that goal without seeking government mandates," said Smith. "Everyone who took the time to participate in this process over the past several months and throughout this week's meetings is to be commended."

Creep feeding beef calves increases your profits!

Key 16 Calf Creep Pellet is recommended 30 to 60 days before weaning. The extra weight gain will produce \$25 to \$50 return per

calf over creep feed costs. Delivery in bulk or bags is available. Contact your local Key Feeds representative.



Fourth & Pomerov

CALL KEY FEEDS TODAY

PMDABIA

	-800-432-7423 OFFICE Clay Center, Kansas 67432 BYRON THORESON • 785-630-0161 inneapolis Location: JAMES CARR • 785-630-0491 Tipton Location: TIM WILES • 785-630-1049 ROD BOHN • 785-630-0846	EMPORIA LIVESTOCK SALE CO. Bonded & Insured SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM 620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741 Date: 7/29/20. Total Head Count: 1,980. COWS: \$63-\$73.00; \$52-\$62.75; \$51 and down.
JC LIVESTOCK SALES INC. Wednesday Sale, Hogs NOON • Cattle 12:30 PM	CLAY CENTER Livestock Sales Inc.	BULLS: \$98-\$107.00 HEIFERS 8 blk466@150.00 8 mix479@140.00 45 blk533@160.00 5 mix403@129.00 30 bkbwf606@164.00
Report from July 29, 2020 STEERS 15 334 212.00 7 367 186.50 30 422 190.00 22 421 172.25	Cattle sales Tuesday, 11:00 AM. Report from July 28, 2020	8 mix
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Light run due to heavy rains in the area. Light test but all cattle classes finding an active market.	7 mix
13 703 152.75 20 687 142.25 26 713 150.25 19 701 141.00 14 770 146.75 13 766 137.00 37 760 146.25 37 706 134.50 10 787 145.75 8 793 132.50 5 804 144.25 21 757 131.50	TOP BUTCHER COW: TOP BUTCHER BULL: \$75.00 @ 1,425 LBS. \$88.00 @ 1,530 LBS. BRED COWS: \$950	67 mix
22 801 143.35 12 845 123.50 70 805 142.35 TOP BUTCHER COW: 10 842 141.75 \$76.00 @ 1,475 lbs. 59 932 132.75 12 905 130.50 TOP BUTCHER BULL: 8 934 127.50 \$99.00 @ 1,985 lbs.	SPECIAL ANNIVERSARY SALE TUESDAY AUGUST 25 TH	46 bkbwf842@128.75 9 mix755@143.50 56 bkbwf850@127.50 5 mix706@142.50 182 mix
CONSIGNMENTS FOR AUGUST 5: 220 blkX hfrs weaned		11 blk
40 bik strs off cow		EARLY CONSIGNMENTS FOR AUG. 5 • 290 mix hfrs, 750-850 lbs. • 285 mix hfrs, 750-850 lbs. • 170 blk hfrs, 775-850 lbs. • 40 blk strs, 800-900 lbs. • 20 blk strs, 850-900 lbs.
Watch online with cattleusa.com (Tab J.C. Livestock Sales) Must register to bid. If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.	AFTER AND	 • 39 blk strs, 850-900 lbs. • 70 mix strs, 875-950 lbs. • 150 mostly blk strs, 900-950 lbs. PLUS MORE BY SALE TIME
Summer A	Clay Center, Ks • Barn Phone 785-632-5566 Clay Center Field Representatives: Tom Koch, 785-243-5124 Lance Lagasse, 785-262-1185	THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT! YOUR BUSINESS IS ALWAYS APPRECIATED! For Cattle Appraisals Call: BRODY PEAK, 620-343-5107 GLENN UNRUH, 620-341-0607
Radio Market Reports KFRM 550 Tues. & Wed. 8:00 am Cell: 785-499-2945 Cell: 785-7	KCLY-FM 100.9	LYLE WILLIAMS, Field Representative, 785-229-5457 WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri. To see more consignments go to: emporialivestock.com

Beef Industry Long Range Plan For 2021-2025 released

The Beef Industry Long Range Plan task force officially introduced its new five-year plan for 2021-2025 recently at the Cattle Industry Summer Business Meeting in Denver. The task force's mission is to ensure the long-term prosperity of the U.S. beef industry by sustainably producing the most trusted, highest quality and consistently satisfying protein for consumers around the world.

"We want beef to be the protein of choice, and we want the entire U.S. beef industry to be trusted and respected for its commitment to quality, safety, and sustainability," said Kim Brackett, leader of the task force and cow/calf rancher from Idaho. "The task force invested many hours, discussing the current state of the industry and what we need to accomplish over the next five years. We feel we've established some important priorities and strategies, as well as benchmarks for success that will help keep our industry on track through 2025 and beyond." The Beef Industry Long

Range Plan

Updated every five years, the Beef Industry Long Range Plan is a tool designed to help the beef industry establish a common set of objectives and priorities. It communicates the industry's strategic direction and provides insight on how the industry can serve its stakeholders by growing beef demand.

Since 1995, industry leaders have gathered to develop an aligned, comprehensive plan with the goal of increasing consumer demand for beef. These leaders are brought together to study and compile major areas of opportunity facing beef over the next five years.

The 2021-2025 Beef Industry Long Range Plan includes the following key priorities and core strategies:

Industry Objectives:

1. Grow global demand for U.S. beef by promoting beef's health and nutritional benefits, satisfying flavor and unparalleled safety.

Improve indus-2. try-wide profitability by expanding processing capacity and developing improved value-capture models.

3. Intensify efforts in researching, improving,

and communicating U.S. beef industry sustainability.

4. Make traceability a reality in the U.S. beef industry.

Core Strategies:

1. Drive growth in beef exports.

2. Grow consumer trust in beef production.

3. Develop and implement better business models to improve price discovery and value distribution across all segments.

4. Promote and capitalize on the multiple advantages of beef.

5. Improve the business and political climate for beef.

6. Safeguard and cultivate investment in beef industry research, marketing and innovation.

"We'll measure the plan's success by tracking key metrics for each Core Strategy," Brackett said. "For example, one of the measures for the Core Strategy to 'Drive growth in beef exports' will be to grow the value of U.S. beef exports as a percent of total beef value to 21% by 2025. Additionally, there are a number of other goals to help measure success specific to the other core strategies.'

How The Beef Industry Uses The Long Range Plan

The Long Range Plan Task Force encourages other beef industry businesses and organizations to utilize the plan as input for their own strategic decision-making processes.

For example, the Beef Checkoff, its committees, and contracting organizations, use pieces of the Long Range Plan as their guidebook. All funding decisions and focus areas of Checkoff projects and programs, by design, must follow the key areas outlined in the plan that align with Checkoff budget categories: promotion, research, consumer information, industry information, producer communication and foreign marketing. To ensure this focus, each year Checkoff committees continue to renew their alignment by identifying key plan initiatives as their priorities based on current industry needs. Checkoff contractors take this direction and develop Checkoff-funded programs that fall within the scope of the Beef Promotion and Research Act and Order and support the plan's priorities

The Beef Industry Long

Range Plan Task Force Members

The task force convened several times over the past year and considered all aspects of the industry from production trends, economic factors, foreign markets, consumer trends, and the competitive climate. The group evaluated the previous five-year plan and determined, based on industry trends and insights, where the industry should maintain and/or shift focus over the next five years.

In addition to Brackett, other members of the task force are also individuals representing key beef industry segments and devoted to ensuring the beef industry's long-term success:

Dr. Keith Belk, Department Head Animal Science, Colorado State University (Fort Collins, Co.)

Andy Bishop, Fairfield Farms, (Cox's Creek, Ky.) Tim Brady, director of risk management, Agri

Beef Co. (Boise, Idaho) Donnell Brown, owner/ manager, R.A. Brown Ranch (Throckmorton, Texas)

John Butler, CEO, the Beef Marketing Group, feeder (Manhattan, Ks.)

Paul Defoor, co-CEO at Cactus Feeders, Inc., feeder (Amarillo, Texas)

Joe Goggins, owner,

entral ivestock

www.centrallivestockks.com

Office: 620-662-3371

or Matt Hoffman (Owner): 620-727-0913

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., Aug. 11th - Calf/Yearling Special

Sat., Aug. 15th - Hog/Sheep/Goat Sale

Tues., Aug. 25th - Holstein Special

Sat., Sept. 5th - Horse & Tack Sale

Check website/ Facebook for

schedule changes!

auctioneer and field rep, Public Auction Yards, (Billings, Mont.)

Page 23

Ken Griner, president, Usher Land & Timber, Inc., cow/calf and seedstock (Chiefland, Fla.)

Mary Kraft, owner/operator, Quail Ridge Dairy (Fort Morgan, Co.)

Jon Lowe, head of Global Commercial Development, Livestock, Zoetis (Parsippany, N.J.)

Dean Meyer, farmer/ feeder (Rock Rapids, Iowa)

William Rishel, owner, Rishel Ranch, seedstock (Lincoln, Neb.)

Suzy Strassburger, pres., Strassburger Steaks, LLC, a specialty meat purveyor (Carlstadt, N.J.)

Jerry Wulf, partner/ advisor, Wulf Cattle (Hancock, Minn.)

"After helping to develop our previous Long Range Plan, I was encouraged with how it was embraced by the entire industry," said Brackett. "Over the past year, our task force researched and fashioned this new plan with just as much care, and we hope it will be received with even more enthusiasm."

To view the complete Beef Industry Long Range Plan, a plan summary or get more information, visit BeefLongRangePlan.com.

811 N. Main St.

South Hutchinson, Ks

Commercially available cell line rapidly detects African Swine Fever Virus

Scientists from the U.S. Department of Agriculture's (USDA) Agricultural Research Service (ARS) have identified a new way to detect the presence of live African Swine Fever Virus (ASFV) that minimizes the need for samples from live animals and provides easier access to veterinary labs that need to diagnose the virus

'We have identified a cell-line that can be used to isolate and detect the presence of the live virus,³ said ARS scientist Dr. Douglas Gladue. "This is a critical breakthrough and a tremendous step for African Swine Fever Virus diagnostics.

There are currently no available vaccines to prevent ASFV, and outbreak control has often relied on quarantining and removing infected or exposed animals. Until now, effectively detecting live ASFV required collecting blood cells from a live donor swine for every diagnostic test, because the cells could only be used once. The new cell line can be continuously replicated and frozen to create cells for future use, reducing the number of live donor animals needed.

The new cell line is also commercially available to veterinary diagnostic labs that traditionally did not have access to swine blood cells needed to test for live ASFV.

Recent outbreaks of ASFV outside the African continent started after a single introduction of ASFV in the Republic of Georgia in 2007. The disease has recently spread to China and south east Asian countries. The cur-rent "Georgia" outbreak strain is highly contagious and lethal in domestic pigs. Even though the virus is not currently present in the United States, the U.S. swine industry could suffer substantial economic losses should an outbreak occur.

This research, which is highlighted in a recent issue of Viruses, was funded through an interagency agreement with the Science and Technology Directorate of the U.S. Department of Homeland Security, U.S. Department of Energy and the U.S. Department of Agriculture. A provisional patent application for this research was filed in April 2020 and the technology is now avail-able for license. ARS scientists at the Plum Island Animal Disease Center in Plum Island, N.Y. will continue to perform research

and work towards finding tools to control the spread of ASFV in the nation.

Holton	Livestoc	k Exchang	je, Inc. 🗋
1/2 m	Nuction even	on, KS on 16 Higi r y Tuesday a	1way 1 12 NAAN
		E: 12:00 NO	
		R TUESDAY, JU	
	RECEIPTS:	405 CATTLE	-
		VISIT OUR WE Livestock.c	
STE		HEIF	
1 blk bull	200@200.00	2 blk bbf hfrs	220@173.00
5 mix strs	385@179.00	2 blk char hfrs 5 bwf blk hfrs	
2 blk bwf strs	447@173.00	5 DWT DIK NTRS 6 char hfrs	449@155.00 486@149.25
7 blk bwf strs	502@168.00	5 blk hfrs	400@149.23 508@149.00
4 blk strs	482@157.00	3 blk rwf hfrs	510@140.25
8 blk strs	629@155.00	2 blk hfrs	575@138.00
4 blk strs	645@151.50	2 blk hfrs	572@136.25
5 blk strs	681@149.75	3 blk hfrs	571@135.00
7 mix strs	656@148.50	6 blk hfrs	679@134.50
68 blk strs 12 mix strs	790@145.25 748@144.00	5 blk hfrs 8 blk hfrs	720@134.00 668@133.00
4 blk bwf strs	748@144.00	7 mix hfrs	717@132.00
	130@133.00	5 blk hfrs	575@130.00
HERMAN & JEA	AN RENYER FARM	AUCTION - Saturda	av. August 15.
Sabetha, KS	holtonlivestock	c.com See Page 15	this issue!
		& Owner • 785-3	
		. & Field Rep • 78	
		r, Field Rep. • 91	
		, Field Rep. • 78	
		Field Rep. • 785-	
		Field Rep. • 785	
		785-364-41	
		o ltonlivesto tonlivestock.co	
		10111100310011.00	

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



Eureka Livestock Sale P.O. Box 267 Eureka, KS 67045 620-583-5008 Office 620-583-7475

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

Like Us On Facebook! On Thursday July 30, we had 532 head of cattle on a much higher market. STEERS 12 blk 768@135.75 5 blk 642@133.00

4 blk	500@161.50	7 bkChr	859@132.75	11 mix	667@130.00
8 blk	656@154.50	9 blk	831@132.00	8 blk	738@125.50
9 blk	606@153.50	61 xbred	815@131.00	13 mix	780@124.25
5 blk	671@150.00	6 bkRd	887@128.25	15 bkRd	835@123.75
7 bkChr	535@149.00	HE	EIFERS	11 mix	863@123.00
28 mix	738@147.75	19 bkbwf	635@142.00	6 blk	852@117.00
9 bkChr	697@147.00	8 blk	533@141.00	12 bkbwf	1073@94.00
9 bkChr	656@141.50	8 bkChr	629@137.50		
5 blk	789@139.00	10 blk	743@133.50		
Butcher Cows: \$45-\$83.00, mostly \$70-\$80.00, \$3-\$5 higher,					
verv a	activo				-

Butcher Bulls: \$89-\$108.50, mostly \$95-\$106.00, \$3-\$5 higher, very active.

Preg Cows: \$825-\$1,060

BUTCHE	R COWS	3 wf	943@75.00
1 bwf	1505@83.00	BUT	CHER BULLS
1 blk	1590@82.00	1 blk	2105@108.50
1 blk	1120@81.00	1 blk	1990@108.00
1 Brang	1145@80.50	1 blk	2010@106.50
1 blk	1275@80.00	1 blk	1625@104.00
1 blk	1610@79.00	1 blk	1805@102.00
1 blk	1295@79.00	1 blk	1720@101.00
1 rbf	1425@79.00	1 blk	1715@99.00
3 Rd Ang	1143@77.50	1 blk	1625@95.50
2 bkbwf	1350@76.00		

EARLY CONSIGNMENTS FOR AUG. 6

- 240 mostly blk strs & hfrs, 650-850 lbs, H.R., weaned in April & vac., off the grass.
- 95 bkbwf hfrs, 700-850 lbs. H.R., long time weaned, off the grass. Hfrs preg check open.
- 200 mixed strs, 850-1,000 lbs, off the grass.
- 150 blk Char strs, 800-950 lbs, off the grass.
- 125 mostly blk strs & hfrs, 500-800 lbs, H.R. & vac., off the cow.
- 40 blk Char X calves, 150-350 lbs, coming off the cow. 40 blk Char X cows, packer cows

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

Market Report - Sale Date 7-30-20. 2,558 Head.

300-400 lb. steers & heifers, no test; 400-500 lb. steers, no test; heifers, \$117-\$144; 500-600 lb. steers, \$140-\$161; heifers, \$106-\$139; 600-700 lb. steers, \$126-\$153.50; heifers, \$126-\$142; 700-800 lb. steers, \$114-\$146; heifers, \$107-\$136; 800-900 lb. steers, \$107-\$140; heifers, \$103-\$131; 900-1,000 lb. steers, \$118-\$132.50. Trend on Calves: Very light test on calves under 650; 650-800 would be mostly steady. Trend on Feeder Cattle: Steady to \$3 lower. Butcher Cows: high dressing cows \$70-\$79.50, Avg. dressing cows \$62-\$69; low dressing cows \$42-\$55. Butcher Bulls: Avg. to high dressing bulls \$77-\$96. Trend on Cows & Bulls: \$8-\$9 higher w/high demand.

Some highlights include:

	HEIFERS	STEERS		
4 blk	579@139.00	7 mix	580@161.00	
7 blk	626@142.00	7 blk	603@153.50	
8 blk	662@131.00	4 red	683@151.50	
66 mix	681@137.50	62 blk	747@145.90	
71 blk	713@133.75	63 mix	763@141.75	
70 mix	735@133.00	59 mix	817@136.00	
128 blk	742@133.50	60 blk	835@140.00	
62 blk	790@129.60	61 mix	842@138.25	
115 blk	814@130.00	59 blk	854@139.00	
62 mix	877@123.60	52 blk	943@132.50	

SPECIAL CALF & FEEDER SALE THURSDAY, AUGUST 6, 2020 EXPECTING 2500-3000 HEAD

 43 mostly black steers & heifers, home raised, long weaned, 3 rounds of shots, 650-750lbs 10 mixed steers & heifers, home raised, long weaned, 600-800lbs

- 20 blk steers & heifers, home raised, long weaned, 500-700lbs
- 100 mostly Charlois cross steers & heifers, home raised, off cows, 650-700lbs
- 330 mixed steers, off grass, 750-800lbs
- 2 loads black heifers, off grass, 750lbs
- 1 load mixed heifers, off grass, 750lbs
- 2 loads mixed heifers, off grass, 700lbs
- 4 loads mixed heifers, off grass, 800lbs

CHECK OUR WEBSITE AS WELL AS FACEBOOK FOR UPDATED LISTINGS! **STAY TUNED FOR EARLY CONSIGNMENTS!**

We welcome your consignments!

If you have cattle to consign or would like additional information, please call the office at 316-320-3212

Check our website & Facebook for updated

consignments: www.eldoradolivestock.com

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

Josh Mueller	Steven Hamlin
Owner/Manager	(602) 402-6008 (H)
(316) 680-9680	(620) 222-1199 (M)
Chris Locke	Van Schmidt, Fieldman
(316) 320-1005 (H)	(620) 367-2331 (H)
(316) 322-0675 (M)	(620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

Page 24Grass & Grain, August 4, 2020Stop the spread of Wheat Streak Mosaic Virus by controlling volunteer wheat

There is an increased risk of Wheat Streak Mosaic Virus in next year's wheat crop, due to a number of factors. There is no treatment for WSMV, so the best way to stop the spread is by controlling volunteer wheat and grassy weeds.

Losses from WSMV were down in 2018 & 2019 from a high in 2017. However. 2019 saw a tremendous increase in wheat streak mosaic complex, likely due to above normal populations of volunteer wheat. The five-year average statewide loss is 1.74% of the Kansas wheat crop, but localized affected areas can have much more dramatic losses. In 2017, losses reached 5.6% or \$76.8 million in loss to Kansas wheat farmers.

Several factors lead to 2021 being another year of potentially devastating losses. First of all, agronomic wheat crop have a large effect on the amount of volunteer wheat that is emerging. Drought conditions last fall and this spring decreased kernel weight and likely increased harvest losses of grain. These smaller kernels might germinate into volunteer wheat, increasing the risk of severe wheat streak mosaic next year.

conditions during the 2020

Farmers also faced several other production challenges in 2020.

Freeze damage during stem elongation (which caused many delayed wheat heads to emerge)

Hailed out wheat. If volunteer has emerged and is still alive shortly after harvest in hailed-out wheat, wheat curl mites could easily build up rapidly and spread to other volunteer wheat that emerges later in the season. Some reports of head scab (Fusarium head blight)

Waterlogging conditions in parts of central Kansas

These can all increase the presence of volunteer wheat.

Secondly, some areas of the state have seen substantial rainfall over the past couple weeks. For example, areas in southwest Kansas have received three to four inches more precipitation than normal this July. While this moisture is certainly very welcomed in drought-stressed areas, wet weather through late summer often favors multiple flushes of volunteer wheat and also favors the growth of other grassy weeds that can also support moderate populations of the curl mites and virus. These weather patterns keep a lot more alternate host plants alive during

the critical period when mites and virus would not have plants to survive on.

Thirdly, the farm economy is in a decline right now, so farmers may not want to invest the money in controlling volunteer. Farmers are enduring a multivear slump in crop and livestock prices that is pushing many to the edge. With the COVID-19 crisis and loss of export markets, farmers are facing a plethora of challenges. According to "The Economic Impact of COVID-19 on U.S. Agriculture," the decline in global growth has impacted farmers and ranchers in three distinct ways. Decreased global trade

specifically Phase One of the U.S.-China trade deal.

Redirection of food supply. While businesses were closed, farmers lost markets to restaurants and schools.

Bottlenecks in food

supply chain, such as lack of agricultural workers available.

Despite these factors, farmers must control volunteer wheat now to stop the streak. The farm economy can't afford to leave another \$76.8 million in the field again next year.

Wheat Streak Mosaic Virus is carried by the wheat curl mite. Wheat curl mites will move off growing wheat as the green tissue dries down and dies. After moving off the existing wheat at or near harvest time, the mites need to find green tissue of a suitable host soon or they will die of desiccation.

If early-emerging volunteer is controlled shortly after harvest, that will help greatly in breaking the green bridge. However, if more volunteer emerges during the summer, follow-up control will still be

A second management practice to limit the spread of the virus is to avoid early planting. Plant wheat after the "hessian fly free date" for your area. In some areas in western Kansas where there is no Hessian fly-free date, farmers should choose to wait until late September or October to plant their wheat. Planting after these dates will reduce the risk for the new wheat crop and reduce wheat curl mites from moving to new

needed.

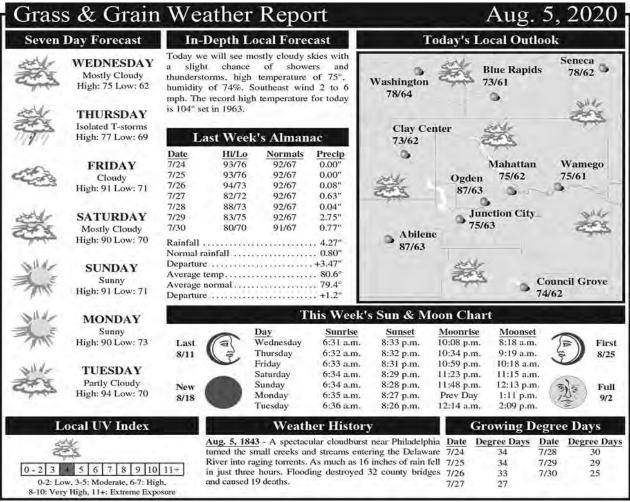
locations of wheat. Finally, farmers can choose varieties with genetic resistance to wheat streak mosaic virus or the wheat curl mite.

By following these management practices, we can stop the spread of wheat streak mosaic virus in next year's wheat crop.

Website assists Kansans coping with ag-related stress

Agriculture producers have faced significant challenges in recent years, including market uncertainties, natural disasters, ongoing trade wars and other setbacks. These stressful situations have led to heightened focus on mental health issues in the agricultural community. In response, the Kansas Department of Agriculture, along with several Kansas ag partners, have unveiled a website to provide resources and support to those dealing with ag-related stress. The website can be found at KansasAgStress.org.

"The increase in suicide rates among farmers and ranchers is alarming," Governor Laura Kelly said. "We must do everything in our power to curb this trend. The website provides additional resources and support to individuals and their loved ones. We must provide our farmers and ranchers alternatives to suicide. We must be there for them." The new website addresses the challenges that Kansas farmers, ranchers and their families face in today's ag industry. Recent natural disasters, depressed commodity prices and other issues weigh heavily on farm families and can take a toll that leads to mental and emotional dis-



tress, substance abuse, anxiety, depression and even suicide. Visitors to the website will be able to find local and national resources for those issues, as well as support in areas ranging from stress management to financial and legal challenges.

"This website is intended to be a collaborative effort to support the emotional and financial health challenges for Kansans, especially those involved in agriculture," Kansas Secretary of Agriculture Mike Beam said. "Many people were involved in the development of the website. Our hope is that it will be a positive resource for people struggling during difficult times."

KansasAgStress.org features resources and support for every member of the family, from teens to aging adults. Unique re-

Coca Cola ice chest, orig., 1939;

3 Antique stacking bookcases; 2

brass Stanchion Theatre stands;

6 rotating tray showcases; Whis-

key Pete 5-cent casino slot

machine; wooden sugar buck-

et; Sleepy Eye pitcher; brass

frame doll bed; Vintage clocks &

WISCHROPP AUCTIONS

AUC

SUNDAY, AUGUST 16, 2020 - 10:00 AM

Wischropp Auction Facility, 930 Laing St., OSAGE CITY, KS

NOTE: Auction loaded with Collectibles, Vintage, Antique items!

All have been in storage for several years. 40+ boxes not open at

listing. Please be mindful of social distancing. Thanks in advance. MRS. WILLIAM "PAM" LYNN, SELLER

sources are also available to assist our farmer veterans, who face the issues that come with farming, along with the possible challenges of being a military veteran.

"The purpose of this website is to help care for and assist Kansas farmers and ranchers in their well-being," Beam said. "As more tools are developed and come available, this website will be updated and serve as a hub of current information and resources."

The Kansas Department of Agriculture and the State of Kansas is committed to serving Kansas farmers, ranchers, agribusinesses and the customers they serve. Together with our partners, we have made it a priority to provide support and assistance to Kansans battling ag-related stress and mental health struggles.

shelves; large selection of pics &

frames, posters, game boards,

brass items, lamps, old signs

etc., etc.; very large assortment Glass, Cape Cod, Brown Hull

pottery, some Currier & Ives, etc., etc.; 2012 Jayco Swift SLX

14' Travel Trailer, good condition

τιοΝ

Pics & Full Listing:

www.wischroppauctions.com

785-828-4212



Buyers & sellers are welcome in the ring area with social distancing being practiced. You can watch the live auction at www.dvauction.com . If you need assistance with watching or bidding online contact DV Auction customer service at 402-316-5460. Thank you for your cooperation. If you would like approval to bid online from the safety of your home, please do the approval process on www.dvauction.com prior to Tuesday.

We sold 1869 for steer & he Feeder steers higher market	eifer calves t & heifers we	ere steady with	eady prices. h last week's	130 mix hfrs 6 blk hfrs 8 blk/red hfrs 7 blk hfrs 7 blk/bwf hfrs	781 @ 136.50 744 @ 133.00 839 @ 129.25 747 @ 128.50 631 @ 128.00	1 blk cow 1 bwf cow 1 blk cow 1 sim cow 1 blk cow	1265 @ 74.00 1425 @ 73.00 1290 @ 72.50 1240 @ 72.00 1245 @ 70.50	1 blk bull 1 char bull 1 blk bull	BULLS 1940 @ 99.00 1735 @ 97.00 2085 @ 94.50	1 sim bull 1 blk bull 1 blk bull 1 blk bull	1745 @ 93.50 1325 @ 68.00 1400 @ 65.00 1045 @ 64.00
2 bwf strs 3 blk/bwf strs 4 blk strs 5 blk strs 2 blk strs 5 blk strs 5 blk strs	418 @ 175.00 525 @ 168.00	30 blk/bwf strs 115 blk/char strs 61 blk/char strs 11 blk strs 63 mix strs 65 mix strs 65 mix strs 6 blk strs 10 blk/bwf strs		16 x-bred hfrs 50 blk/red hfrs 3 blk hfrs 4 blk/wf hfrs 18 blk/bwf hfrs 9 blk hfrs 4 blk/bwf hfrs	693 @ 125.00 836 @ 125.00 647 @ 123.00 713 @ 122.50 916 @ 121.75 925 @ 120.50 730 @ 120.00	1 blk cow 1 sim cow 1 blk cow 1 red cow 1 blk cow 1 blk cow 1 blk cow 1 red cow	1085 @ 70.00 1220 @ 69.50 1155 @ 69.00 1355 @ 68.50 1630 @ 68.00 1315 @ 67.50 1255 @ 66.50 1170 @ 65.50 1025 @ 65.00	 4 blk Angus 55 blk 60 blk 185 bl 	strs & hfrs, 500 strs & hfrs, 60 k Char steers,	000 lb., 7-8 0-600 lbs., 0-750 lbs., 775-800 ll	B mo., bred to weaned, vacc. vacc. ps., off grass
STOCKER & FEE 10 blk strs 5 blk strs 5 blk/bwf strs 33 blk/bwf strs 7 blk strs	EDER STEERS	12 blk/char strs 62 mix strs 7 blk strs 49 mix strs 59 x-bred strs 60 mix strs	735 @ 132.50 771 @ 131.25 914 @ 130.50 904 @ 127.75 906 @ 126.25 992 @ 122.00 1088 @ 110.50	1 blk cow 1 gelv cow 1 blk cow 1 blk cow 1 blk cow 1 blk cow	1330 @ 80.00 1750 @ 78.50 1435 @ 77.00 1300 @ 76.50 1160 @ 76.00 1250 @ 75.50	1 blk cow 1 bwf cow PAIRS & BR 1 char cow/cf 1 blk bred hfr	1180 @ 64.50 1430 @ 64.00 ED HEIFERS @ 1250.00 @ 900.00	Northe • 110 bl • 130 bl • 42 bla • 140 bl	lk Char steers, ern origin ack steers, 900 k Char steers, 8 ck heifers, 700 k Char heifers,	-950 lbs., 325-850 lb 750 lbs., c 725-750 ll	off grass s., off grass off grass
26 blk/bwf strs 64 blk strs	669 @ 145.25 785 @ 144.85 761 @ 144.60 799 @ 144.00	HEIFER (6 blk hfrs 2 blk hfrs 3 blk hfrs	CALVES 448 @ 143.50 418 @ 141.00 527 @ 136.00	BRAINARD • 232 Heref •79 Herefor	CATTLE CO ford steers, 7 rd heifers, 7	750-850 lbs.		• 61 blk	ck steers, 900-9 crossbred stee	rs, 950-97	
56 blk/bwf strs 4 blk strs 63 blk/red strs	670 @ 142.75 828 @ 142.75 641 @ 142.50 822 @ 140.50 809 @ 140.25	STOCKER & FE 12 blk/bwf hfrs 10 blk hfrs 5 blk hfrs	EDER HEIFERS 583 @ 148.00 594 @ 138.00 614 @ 138.00	WA	TCH OU	R AUCTIC Auctions.	ONS	• 80 blk	IGNMENTS strs & hfrs, 750 crossbred stee	-800 lbs.,	weaned, vacc.

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

FOR INFORMATION OR ESTIMATES:

 REZAC BARN
 ST. MARYS, 785-437-2785

 DENNIS REZAC
 ST. MARYS, 785-437-6349

 DENNIS' CELL PHONE
 785-456-4187

 KENNETH REZAC
 ST. MARYS 785-458-9071

 LELAND BAILEY
 TOPEKA, 785-608-4005

 LYNN REZAC
 ST. MARYS, 785-456-4943

 REX ARB
 MELVERN, 785-224-6765

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

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



Livestock Commission Company, Inc.

St. Marys, Ks.