GRASS & GRAIN Young'uns

Bowdy, 3, on the left and Leighton, 2, help their grandpa Phillip Wilson tame their two-day-old donkey named Tracker.

Send photos of your Country Young'uns doing what they love to gandgeditor@agpress.com.
Entries will be printed as space allows.

• New Products and Innovations •

New cattle equipment provides a lower stress atmosphere while working your herd

By Leigh Johnson

Bob Studebaker, the owner of GoBob Pipe & Steel Sales, is a major advocate of low-stress cattle handling. Bob is excited to introduce to you a new addition to the Cattle Flow™ line of cattle working equipment. Cattle Flow ™ Elite Convertible squeeze chute is a re-imagined concept to the old-style chute, that helps to reduce the stress on your cattle. This article will help to identify the ways that this chute outweighs and outperforms the competition.

It is well known that the stress on your cattle affects your profit margins. By utilizing low-stress cattle handling techniques, you will find increased birth rates, lower mortality rates, better weaning weights, and overall healthier cattle. The Cattle Flow™ Elite line has implemented features that lower the stress on the animal. The added weight helps to soften the sound of the moving mechanisms. There are grease zerks throughout the units to help the connections to move easily and quietly. They have also added sound dampening pads to the door stops to quiet down the chutes' operation.

The Cattle Flow™ Elite Convertible has a parallel squeeze of 30" down to 6". Coming standard with the Elite is the heavy-duty head restraint and the head gate that can be operated anywhere alongside the squeeze chute. Each side of the unit consists of the neck injection doors, large branding doors that can be completely removed and reversed, built-in palpation cage with bump doors and escape doors with bottom access foot doors. It also includes the sliding rear gate which makes it safer for the handler while in the palpation cage. The easily removable breast bar can help keep the cattle from laying down and the ratchet rump bar helps to secure the cattle in a forward position. The Cattle Flow™ Elite Convertible weighs more at 2800 lbs. and has a lower price than the nearest competition that weighs in at 2000 lbs.

The Cattle Flow™ Limited standard squeeze chute weighs anywhere from 1650-1970 pounds, depending on selected options, which compares to the 1210 lbs. of the nearest competitor. The limited has a parallel squeeze of 30" to 6" and has an optional palpation cage available. Coming standard with this model is a manual chute with a manual catch gate but has an optional self-catching head gate. It has four large fully removable branding doors that can be reconfigured to open in either direction. Bottom access foot doors on both sides that swing out of the way and an escape door on one side are standard features on the Cattle Flow ™ Limited squeeze chute.

Last but not least is the Cattle Flow™ Elite Hydraulic

weighing in at 3400 pounds. This is essentially the same unit as the Cattle Flow™ Elite Convertible but with the hydraulic features. The hydraulic system is powered by your choice of a 13 HP Honda gas engine or 5 HP electric motor. Included with this unit are a pump, reservoir, and cart for the engine that will attach to the side of the chute while transporting to your work site. The unit comes with enough 1/2" hydraulic hose to pull the engine about 20' from the chute. The hydraulic controls will also rotate to either side of the chute for easy access.

All Cattle Flow™ squeeze chutes are sold wheel kit-ready and scale-ready. Wheels kits are available for a small additional charge. Mr. Studebaker is very confident that this product will meet and exceed every expectation when it comes to the wellbeing of any cattle herd and more importantly, the folks out there operating it.

In addition to the Cattle Flow™ line, GoBob also has a new line of Competitor chutes. The Competitor V-Squeeze and the V-Squeeze XL are made the GoBob way; heavy duty and made to last. Moderately priced, these chutes will stand up and compete with any chute on the market in its class. The competitor is made from heavy 3" square tubing and reinforced with gussets. Weighing in at around 1900 lbs. this chute is sure to hold up to the roughest cattle.

The standard V-Squeeze features an automatic headgate although you can get a manual if you prefer for no additional charge. The V-Squeeze XL is six inches taller than the standard and it is the only portable model for the Competitor series. The XL also comes with a very unique feature of panel racks on all four corners of the chute. This feature allows the operator to haul their portable corral panels along with the chute in one trip.

The Cattle Flow Squeeze chute and Competitor lines are featured GoBob products. For those who are interested in the Cattle Flow™ Elite Convertible, Hydraulic, Limited, or Competitor V-Squeeze and the low-stress handling concept, check out the GoBob Pipe website at www.gobobpipe.com or contact a GoBob Pipe and Steel Representative at 1-844-304-4780.

Leigh Johnson is a freelance writer specializing in the review and evaluation of cattle management equipment. Leigh can be contacted at leighjohnson029@gmail.com

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LAND AUCTION

167.6 Acres LYON COUNTY

CROPLAND • GRASS • WILDLIFE • BUILDING SITE

TUESDAY, AUGUST 13, 2019 — 6:00 PM

AUCTION LOCATION: Chicken House, 8 E. Hwy. 99 — OLPE, KS

SELLERS: SCOTT & JERRILYN SAMBERG

LOCATION: From Olpe, KS on Hwy 99, 1/8 mile to Rd 70 on the north side of the property. Hwy 99 is on the west side of the property for 1/2 mile.

DESCRIPTION: A diverse property of 167.6 Acres of which 66.89 acres Dryland, with 40 acres being tilled at present time. The balance is 100.73 acres of tame, native, grasses with Eagle Creek & timber. The native grass pasture has been hayed, there is fence on the east and south sides. If you enjoy *Wildlife habitat- look at this! Eagle Creek meanders through the property. On the back side of the property is isolated in beautiful Flint Hills. Close to Olpe, Ks but in the private tranquility of the hills.*

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A very active to stronger market on the cattle offered for our sale Friday, July 12, with quality and condition being a deciding factor. Cull cows and bulls sold steady.

STEER CALVES — 425-450 LBS

Pomona	8	426@172.00

STEERS — 550-900 LBS

Onaga	18 blk	635@160.00
Pomona	6 blk	564@152.00
Emporia	16 blk	637@150.50
Onaga	14 blk	748@146.50
Emporia	39 blk	769@145.25
Auburn	9 blk	759@144.50
Alma	5 blk	870@136.50
Emporia	11 blk	899@131.00
Randolph	5 blk	797@111.00

HEIFERS — 575-800 LBS

Onaga	10 blk	584@149.50
Onaga	12 blk	675@149.00
Herington	8 mix	687@145.50
Alma	8 blk	709@145.50
Emporia	20 blk	629@144.00
Herington	5 mix	763@137.50
Emporia	40 blk	752@134.00
Auburn	9 blk	691@134.00
Council Grove	4 blk	791@125.50

BULLS —1,050-2,000

Spring Hill	1 blk	1785@84.50
Onaga	1 blk	1855@84.00
Onaga	1 blk	1670@83.00
Bern	1 blk	1835@82.00
Olsburg	1 blk	1995@81.50
Bern	2 blk	1057@78.00
Bern	1 blk	1105@75.00
Wamego	1 xbred	1215@73.50
Wheaton	1 blk	1950@70.00

COWS & HEIFERETTES — 750-1,775 LBS

Wamego	1 blk	780@126.00
Wamego	1 xbred	770@120.00
Olsburg	2 blk	822@119.00
Wamego	1 blk	925@109.00
Emporia	1 blk	930@88.00
Wamego	1 blk	1180@83.50
Ottawa	1 blk	1665@69.00
Lincolnville	1 blk	1765@62.00
Auburn	1 xbred	1555@61.00
Onaga	1 blk	1205@61.00
Manhattan	1 blk	1270@58.00
Emporia	1 xbred	1170@57.00
Westmoreland	1 blk	1385@57.00
Frankfort	1 xbred	1505@55.00
Olsburg	1 blk	1290@54.50
Emporia	1 blk	1135@54.00
Emporia	1 bwf	1250@54.00
Emporia	1 blk	1175@52.00
Frankfort	1 xbred	1320@52.00
Blaine	1 blk	1360@50.00

BABY CALVES $100-$310

EARLY CONSIGNMENTS FOR JULY 19

SPECIAL BRED COW & PAIR CONSIGNMENTS TO SELL AT 11 AM
- COMPLETE DISPERSAL: 30 blk & Red Baldy Fall calving cows bred SimmAngus bulls to start calving Aug. 15 for 60 day calving period. 24 are 3-4 yrs, bal SS.
- 10 blk, red & bwf cows, 6 to 10 years, bred to Moser bulls for Fall calves
- 20 blk fall calving cows, 3-5 yrs old, bred to Angus bulls, heavy springers
- 32 Red Angus cows, 6 years to older, 20 with Red Angus calves, from babies to 400 lbs., balance will be springers

- 75 Angus & Angus Char cross bulls, long weaned, green, 650-750 lbs.
- 30 blk bwf strs & hfrs, ID tags, 1 rd pre-wean shots, 600-700 lbs.
- 52 blk strs & hfrs, 2 rds shots, long weaned, 600-800 lbs.
- 75 blk & Char cross heifers, green, long weaned, 600-700 lbs.
- 70 Choice blk steers, off grass, 750-800 lbs.
- 45 Fancy Reputation bwf, few rwf steers, wormed, poured, weaned 30 days, 2 rds shots, Covexin 8 & Triangle 5, 700-800 lbs.

EARLY CONSIGNMENTS FOR JULY 26

SPECIAL BRED COW & PAIR CONSIGNMENTS TO SELL AT 11 AM
- 65 blk Angus & 45 Red Angus Cows, 3-5 years old & 30 blk, red & Hereford cows, 5-8 years old; the black cows are bred to NextGen Charolais bulls, all the red ones are bred to Ludvigson Red Angus bulls, due to start calving August 10

- 27 Hereford & Hereford-X steers, all shots, 975-1,000 lbs.

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KSU faculty members earn American Society of Science awards

Drs. Robert Goodband, Cassie Jones and K.C. Olson, Kansas State University Department of Animal Sciences and Industry (ASI) professors, were presented awards by the American Society of Animal Science (ASAS) on July 9 at the 2019 ASAS Annual Meeting in Austin, Texas.

Dr. Bob Goodband received the 2019 AFIA Award in Nonruminant Nutrition Research, which recognizes an individual who has contributed to and published outstanding work in the last ten years in the field of nonruminant nutrition.

Originally from Walpole, Massachusetts, Goodband graduated from The Pennsylvania State University in 1984. He obtained his master's and doctorate in swine nutrition at K-State, and joined the faculty in 1989. Goodband and his co-workers have played an important role in developing an intensive on-farm research program that has conducted numerous on-farm trials across the U.S. His work has resulted in 310 refereed journal papers, six book chapters, more than 1,000 research reports and Extension publications, eight patents, and $13.9 million in grants and gifts to K-State.

Goodband also teaches Swine Science and Swine Nutrition courses and serves as academic advisor to more than 35 undergraduate students each year. Goodband has served as the major professor for 22 master's and doctorate students and on committees of an additional 113 students.

Dr. Cassie Jones received the 2019 ASAS Early Career Achievement Award, which recognizes an individual who has shown outstanding achievement as a young scholar and is working toward the mission of ASAS.

An associate professor, Jones earned her bachelor's and master's from K-State and her doctorate in swine nutrition from Iowa State University in 2012. As the department's Undergraduate Research coordinator, Jones oversees more than 100 undergraduates conducting research annually. She teaches more than 250 students in seven different classes and advises approximately 60 students. Outside of teaching, Jones is an accomplished researcher in the area of animal feed safety, with more than 40 peer-reviewed publications, 100 abstracts, and $6.5 million in awarded grants, gifts and contracts during her seven-year career. Jones and her husband, Spencer, raise Angus cattle near Wamego, and have three young children — Ty, Hayden and Hadley.

Dr. K.C. Olson received the 2019 ASAS Animal Management Award, which recognizes an individual who has contributed to excellent research in the biological or production management of livestock.

Olson's graduate training at North Dakota State and Kansas State Universities preceded his eight-year appointment in Extension and research at the University of Missouri. In 2006, he joined the K-State faculty and is now a professor of animal science in a research and teaching role. In 2011, he was awarded the W.M. and F.A. Lewis Distinguished Chair in Animal Sciences & Industry. His research has attracted collaboration with more than 40 KSU scientists and 25 scientists from other academic institutions. These projects supported degree requirements for 17 master's, eight doctorate and seven undergraduate students under his mentorship. Over the last decade, Olson has published 62 peer-reviewed journal articles, five book chapters, 48 proceedings papers and more than 100 abstracts. He has delivered numerous presentations around the globe. Olson's previous honors include K-State Advisor of the Year, Excellence in Graduate Teaching and Excellence in Extension.

Including beef in healthy diets is a smart approach to healthy lifestyles

The National Cattlemen's Beef Association (NCBA), a contractor to the Beef Checkoff, told members of the Dietary Guidelines Advisory Committee (DGAC) in oral comments that an overwhelming body of scientific evidence shows that healthy diets including red meat, like beef, support optimal health and well-being.

"Beef is a high-quality protein powerhouse providing a unique combination of bioavailable iron, zinc and B vitamins essential to building and maintaining strength from infancy through our later years," said Shalene McNeill, Ph.D., RD, NCBA executive director of Nutrition Research.

NCBA also emphasized to the committee that beef is rich in nostalgia and nutrients and has been enjoyed for centuries and continues to be part of most Americans' diets, traditions and celebrations. Beef nourishes bodies and minds and optimizes health at every stage of life. As more Americans are overweight, it is important to make every calorie count. Calorie for calorie, no other protein food delivers the same package of ten essential nutrients. Today's beef is leaner than ever before and Americans' consumption of calories and fat from beef have declined.

"As a registered dietitian, nutrition scientist and advocate for healthy eating, it's important for people who include beef as a source of nourishment and satisfaction in a healthy diet to know that the best science available today continues to reinforce this is a smart approach for a healthy lifestyle," McNeill said.

Jointly updated every five years by the U.S. Department of Health and Human Services (HHS) and the U.S. Department of Agriculture (USDA), the DGAs serve as the cornerstone of federal nutrition policy. During this process, a group of experts in the fields of nutrition and health are appointed to the DGAC. These individuals are tasked with reviewing the latest nutrition research to make science-based recommendations to HHS and USDA on the food and beverages that promote a healthy, balanced diet.

Providing oral comment is an important part of the DGA process. On behalf of beef farmers and ranchers, NCBA, a contractor to the to the Beef Checkoff, an industry research and promotion program that utilized scientific evidence as the basis for its information, urges the DGAC to systematically review the totality of scientific evidence, using best practices that are thorough, transparent and relevant when making decisions that will ultimately result in nutritional policies that can measurably improve the health of Americans.

Learn more about beef's nutrient-rich profile and find ways to incorporate the mouth-watering, high-quality protein into your healthy lifestyle at Beef. It's What's for Dinner.

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LONNIE WILSON'S CONSIGNMENT AUCTION

SATURDAY, JULY 20, 2019 — 10:00 AM

601 South Broadway, SALINA, KANSAS

ACCEPTING CONSIGNMENTS until Thursday, July 18, 2019!

Sellers include: KDOWPT * Great Plains * Frisbie Construction * Speer Building & Landscaping

MOTORHOMES, CAMPERS: 2004 36' Holiday Rambler Class A mod. Neptune motor home 300 hp Cummins diesel pusher, Allison 5-speed transmission, 55k miles, 5500 Onan generator, 19' patio awning & awnings over all doors & windows, 4-door refrigerator, flat screen TVs, loaded.
CLASSIC CARS: 1976 Ford LTD Landau, 87k miles, new tires, battery, brakes, AC works, runs & drives.
TRUCKS, TRAILERS: Tandem axle trailer w/23' x 8' truck box, has breakaway electric brake system (door issues) * 2006 Pride of the Prairie 5th wheel tandem axle duals all around 14 round bale trailer w/dump * Omaha service body trailer w/Tommy Gate lift * 2-compartment tandem axle job site trailer wired for electrical inside.
TRACTORS, IMPLEMENTS: 1952 Allis Chalmers WD w/loader, 30 hp, spin-out wheels, 3pt & PTO * 1940 McCormick Farmall H, 20 hp, w/PTO * Minneapolis Moline U mod. 4-1/4 x 5 383A 4 w/PTO & wheel weights (doesn't run) * 360 DTC Land Trac Long Agribusiness tractor w/front wheel assist, turf tires, 3-pt & PTO 425 hrs has Long Agribusiness mod.5140 front loader w/6' bucket & Long Agribusiness mod.4008 back hoe w/chassis mount * 2006 Pride of the Prairie 5th wheel 14 round bale trailer w/dump * Cosmo S-400 PTO drive poly fertilizer spreader.
SADDLES: Western saddle w/worked leather, silver rosettes & trim * English saddle.
FARM EQUIPMENT: Swather engine * rolling driveway gates * farm gates * T-posts * electric fence posts * fuel tanks * pick-up bed side boxes * tri-fold ramp * Kane nursery feeder * 150 gal poly tank * fuel barrel w/stand.
CARS, PICKUPS: 2016 RAM 2500 HD 4-door crew cab short bed pickup w/Cummins 6-cyl 6.7L Turbo Diesel 18,055 miles * 1986 Chevrolet pickup 4wd 2-door reg cab V8 7.4L engine needs carb work, includes extra parts TSL Bogger Super Swamper 19.5/44-16.5LT tires * 1985 GMC pickup 4wd V8 5.0L engine w/Meyer snowblade & lights needs carb work, includes extra parts Hankook DynaPro MT 35-12.50R15LT tires * 2007 Chevrolet Uplander LT SUV 3.9L V6 SFI engine (bank repo) * 2007 Ford Focus 4-door L4 2.0L engine * 1999 Oldsmobile Aurora 4-door sedan 93.5k miles, always garaged * 1991 Cadillac Sedan DeVille V8 4.9 engine.
BATTERIES, TIRES, RIMS, SEATS, PARTS: ***BATTERIES:*** (35) batteries (batteries El Dorado pulled from new vehicles and upgraded); ***TIRES & RIMS:*** Set/5 Michelin XZA3 275/80R22.5 * set/4 Mastercraft Courser LT265/70R17 * set/4 Cooper Discover A/T3 LT265/75R16 * set/4 Dunlop Grandtrek ATZ3 265/70R18 * set/4 Cooper Discover S/T LT265/70R17 * set/4 Michelin LTX A/T LT265/70R18 * set/4 Cooper Discoverer STT Pro 35x12.50R20LT * set/4 Roman All Counter A/T LT265/70R17 * set/4 Firestone Transforce HT LT265/70R18 * set/4 Hercules Terra Track AT2 LT265/70R17 * set/4 Michelin LTX A/T3 LT275/70R18 * set/4 Cooper Discoverer A/T3 LT275/70R17 * set/4 Cooper Discoverer A/T3 LT275/65R20 * set/4 Michelin LTX M/S P255/70R16 * lots of other tires – sets/3, pairs, singles. ***PARTS:*** Asstd Ranch Hand bumpers & grills * Ford pickup front & rear bumper sets * Reese 5th wheel hitch.
BOATS, JET SKIs: 1999 21' Voyager pontoon boat w/90 hp Johnson outboard (brand new lower end), Lowrance Elite 4 DSI fish finder, pedestal chairs front & back, bimini top & trailer * 2000 Bombardier Ski Doo jet ski w/Yacht Club trailer (KDOWPT) * 12' flat bottom boat * Minn Kota 35 trolling motor.
MOTORCYCLES: Honda motor scooter no engine * Yamaha motor cycle * 50cc? motor scooter * Venice QS-50QT-5 motor scooter.
ATVs, DUNE BUGGY: Crossfire 150R dune buggy w/automatic CVT transmission.
MOWERS, YARD EQUIPMENT: Craftsman 5 hp chipper/shredder * Craftsman 6.5 hp push lawn mower * pallets of landscape rock * chain link gates * fence slats & lumber * chain link & poly fence fabric * stainless steel fire bowl & spark screen NIB * Husqvarna 125BT gas powered blower * asstd chain saws * gas powered hedge clippers * Huskee HD lawn sweeper * Stihl MS250 & 023 chain saws.
HUNTING EQUIPMENT: Solar powered feeder on tri-stand * (3) electric feeders.
INDUSTRIAL & CONSTRUCTION EQUIPMENT: (2) Miller Delta-Fab CV-DC welding power source w/ Miller 24A wire feeders * Large job box on steel wheels * propane trailer heater.
BUILDING SUPPLIES: Generator housing 66" x 200" x 80" complete w/roof panels * ceiling fans, light fixtures NIB.
TOOLS: Centurion by Generac Power Systems 5000w generator low hrs * M-T-M 4000 PSI power washer * Generac 2500 PSI power washer * Campbell Hausfeld airless paint sprayer * B&S 5 hp water pump * Craftsman 10" radial arm saw * (6) EIP commercial dehumidifiers mod.10245RW * (2) Tornado 2-speed dryers * (4) mod. WT35PD air movers * shop vac HD vacuum * B&S Intek I/C engine 7hp power washer * asstd shop vacs & vacuums * 15kv Generac generator * press frame w/8-ton bottle jack * horizontal band saw with 1/2hp Dayton motor * Pittsburgh folding engine hoist Snap-On rolling tool box * Industrial Machinery 4.5" vertical/horizontal band saw * Delta 4" belt/6" disk sander * Snap-On valve refacer * NEW Bostitch mod.BT200 18ga brad nailer in case * NEW Hitachi C75B2 corded circular saw * NEW Hitachi G12SR2 disk grinder * NEW Kawasaki 840128 19.2v cordless drill kit * NEW Hitachi mod.P20SB planer in tool box * like new Hitachi mod.C7SB2 circular saw in case * NEW Hitachi mod.D13VF 1/2s" drill in case * Hitachi mod.M12VC router NIB * Hitachi mod.SB-75LB belt sander NIB * Chicago 1500w heat gun NIB * Hitachi 12v drill/light kit in case * Hitachi drill bit & driver bit set in case * B&D Wizard rotary tool kit in case * (4) NEW Hitachi D10 VH 3/8" drills in case * Diehard 10/2/60 battery charger/starter * NEW Wagner Paint Eater stripper Hitachi CC14SF 14" chop saw * Hitachi C12FCH compound miter saw * Central Machinery 12.5" planer * Chicago Electric 2.5hp 10" tile saw w/PVC tray complete w/stand both NIB * Central Machinery ½" 5-speed bench top drill press NIB DeWalt DC970 ½" 18v cordless drill kit in case * DeWalt DW980 ½" 12v cordless drill kit in case * Hitachi DS180VF3 ½" 18v cordless drill/light kit in case * TUS/GS laser level w/tripod in case * NEW Delco radio * Bosch charger/battery bay * Cobra DC-AC converter 2500w/5000w peak * Makita job site radio * Scott AirPak complete w/harness * Hitachi 18v cordless circular & recip saws kit in bag * Roto Zip Rebel tool kit like new * Hitachi N3804AB2 1-1/2" pneumatic stapler new in case * Bostitch pneumatic nail gun/stapler/brad nailer kit new in tool bag * Skilsaw mod.5150 2-1/4 hp circular saw * B&D 500 amp jump starter * Schumacher 50/10/2 amp starter/charger * Hitachi CR13V 5" recip saw like new in case * asstd ball mounts & hitch balls * Craftsman Professional 6.5 amp recip saw in case * Chicago Electric ¼" trimmer router NIB * MVP 6" buffer/polisher * Chicago Electric 10" compound slide miter saw * Porter Cable pneumatic framing nailer * floats & trowels * Reddy Heater 60,000 BTU space heater * Central Machinery 10" table saw * Craftsman direct drive 8" table saw * Craftsman 5" bench grinder * Craftsman 4" x 36" belt / 6" disk sander * Reddy Heater HD15G propane heater NIB * asstd power tools * Spray Tech mod.1720 paint sprayer NIB * Chicago Electric dual MIG welder on cart * Chicago Electric 40 amp / 230v inverter plasma cutter * (2) NEW Chicago Electric 3500 generators * 90 amp flux wire welder w/cart like new * Shop Vac contractor 20 gal 6.5 hp shop vac * Chicago Electric jack hammer w/cart & carry case * 28' alum extension ladder * 6' Werner fiberglass step ladder * (2) 8' alum stepladders * 10' long light table * Central Pneumatic pancake compressor, 3 gal compressor, twin tank compressor * Duracraft 14" bench band saw w/stand * Chicago Electric 14" portable gas powered cutoff saw * hundreds of yard tools – shovels, rakes, brooms, etc * Shop Vacs - 14 gal 5.5 hp & 16 gal 5.75 hp * Masterforce universal folding miter saw stand w/ wheels * ***and much, much more – Speer Building & Landscaping has over 30 tables of power & hand tools, parts & supplies – too much to list, something for everyone.***
RESTAURANT EQUIPMENT: (3) 6' folding/rolling cafeteria tables.
HOUSEHOLD APPLIANCES: Whirlpool 25 cu ft 2-door refrigerator w/freezer drawer black (ice maker doesn't work) * Whirlpool Quiet Partner III dishwasher black * Whirlpool smooth top kitchen range black * Whirlpool space saver microwave oven black * Kenmore upright freezer * Soleus Air 10,000 BTU portable evaporative air conditioner * Kenmore chest freezer * Soleus Air 110v air conditioner.
ELECTRONICS: Shure Vocal master controller & (2) speakers * (2) Shure mod.VA305-HF high frequency speakers * lighting control box * (2) light boxes on stands * pr Welton USA Pro Studio Mach II speakers 150w * pr MTX Audio AAL212B speakers 300 RMS/600W total * pr Pioneer CS-722A speakers * Kenwood monitor speaker MV-9D * Roland DAC-15 speaker * Sharp speaker * pr Bose 402-W speakers * Yamaha YPT-400 electronic keyboard * pr Crate PS-115HP speakers 125w.
EXERCISE & SPORTS EQUIPMENT: Weider Pro 6900 stacked weight system * (8) cabinets/10 bowling lockers * weight & boxing equipment * Huffy 18-speed Trail Runner mountain bike w/child carrier * hitch mount bike carrier.
COLLECTIBLES: Antique engines – Clinton, Briggs & Stratton, Maytag, Power Products by Lawson * Maytag motor on homemade push mower * knives collection * Gulf gas pump * Golden Nugget Gambling Hall 25¢ slot machine * Mills 10¢ slot machine * Play It Again video game w/seat * Coca-Cola advertising * Marilyn Monroe & James Dean cardboard cutouts * James Dean, Coca-Cola, Diner advertising * picture clock, Pittsburg Steelers clock * James Dean, Marilyn Monroe, Humphrey Bogart picture * Antique Apparatus stereo jukebox.
FURNITURE, MISC.: 72" x 28" x 19" showcase on wheels * claw foot oak dresser w/mirror * serpentine front oak dresser w/mirror * oak secretary/bookcase w/gingerbread top & beveled mirror * oak china cabinet * oak dresser w/mirror & side box * barnwood shelves * high top table w/black glass top & 3 chairs * claw foot cherry table, leaf, 4 chairs * Henderson Player Piano (without player mechanism) & bench * pr wingback chairs * large piano picture 44" square * 92" round carpet * 88" x 94" carpet * kitchen cabinet * antique table w/5 heavy carved legs * antique gate leg parlor table * asstd office chairs * classroom chairs – 24 grey, 48 blue * rolling shelves * displays * diner booths – 3-section and single * red/white/chrome dinette set w/4 chairs * white cabinets w/onyx top & sink * (3) black & chrome ice cream table sets w/4 chairs * (4) maroon & chrome swivel stools.

AND MUCH, MUCH MORE NOT LISTED! ***There is a 10% Buyer's Premium on this sale.***

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AUCTIONEER'S NOTE: Owners are tired of this property being vacant and ready to sell or lease. They are willing to consider any serious proposal. Property is available with or without the remaining equipment, furniture & decor inside.
Commercial & Industrial property classified as Restaurant-type activity. Building size 9,834 sqft on 2.7 acres originally built 1984 with major renovation 1996. Stud-brick veneer 50% on public side and 50% concrete block on back side. This property is located .5 miles from I-135 and Crawford Street exit considered one of the main entry points to the city of Salina and in the midst of a hotel/motel/restaurant row with high traffic counts. 2018 taxes were $13,834.24. Auctioneer is the agent for the seller. ***Please call Lonnie Wilson at 785-826-7800 to arrange viewing.***

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Day of the Cowboy to be celebrated at Pioneer Bluffs

Courage, optimism, and a strong work ethic are in the heart of a cowhand. Their work is demanding, with long days in all kinds of weather. The cowhand is indispensable, especially in the Flint Hills where there are more cattle than people.

A community celebration at a historic Flint Hills ranch will honor the cowhands of yesterday and today.

The National Day of the Cowboy will be celebrated Saturday, July 27, 2:00 to 7:00 p.m., at Pioneer Bluffs near Matfield Green.

National Day of the Cowboy is dedicated to preserving America's cowboy culture and pioneer heritage. At Pioneer Bluffs, the more inclusive term "cowhand" is preferred.

"This will be a fun, fascinating day for both visitors and ranch families," said Lynn Smith, Executive Director. "Visitors can talk to working cowhands and watch ranch activities such as branding and roping. We will be capturing stories to share with future visitors, and ask ranch families to bring their branding iron and share their story in the video project, 'Voices of the Tallgrass Prairie.'"

Brands will be burned on 100-year-old wood in the branding demonstration. Families are encouraged to bring their branding iron, or a sketch of their brand. "A brand is important on the ranch," said rancher Dennis Hague, Cedar Point. "We are proud of our brands, they represent who we are. This project will create a display of brands used in the Flint Hills." Hague will lead the branding demonstration.

The story of the Bailey/Titus/Stout family will be shared.

"Voices of the Tallgrass Prairie" will record ranch memories, preserving stories from the past. Dave Leiker, Emporia, will video the stories. Those interested in sharing a story may schedule an interview time in advance or that day.

A "Heritage Roundup" will highlight local ranch families, who will be on hand to talk with visitors about their heritage and ranching today. Included in the Heritage Roundup are: Wayne and Marcia Bailey sharing the Bailey/Titus/Stout story; Dr. Milton Claassen, Newton, telling the Abraham Claassen story; members of the Mercer family, founders of Matfield Green; Rich Porter of Porter Cattle Co., Reading; and family from the Sauble Ranch, Cedar Point.

Throughout the afternoon, Jerry Hedrick of Loch Lloyd, Missouri, will demonstrate trick roping. Children can try their hand at roping and throwing cowpie discs.

At 2:00 p.m., author and historian Greg Hoots, Kansas City, will present local cowboy history in photos, video, and story.

Cowboy/singer/songwriter Jeff Davidson, Eureka, will perform music and poetry at 3:00 p.m.

Hear cowboy poetry at 4:00 p.m. by "Poet Lariat" Ron Wilson, director of the Huck Boyd National Institute for Rural Development at Kansas State University.

From 5:00 to 7:00 p.m., cowboy movies will be shown in the barn, Jeff Davidson and Ron Wilson will lead a campfire singalong, and a wiener roast will be offered.

Donations accepted for this community event. Reservations requested, but not required. For reservations, to schedule a recorded interview to share stories, or for additional information, contact Lynn Smith at lynn@pioneerbluffs.org or (620) 753-3484. Details can be found at pioneerbluffs.org or on the Pioneer Bluffs Facebook event page.

This vintage photo depicts the Mercer family, founders of Matfield Green.

Courtesy photos

Brandings such as the one shown in this old photo will be explained and celebrated, as people are encouraged to bring their brands, which will be burned on 100-year-old wood.

The mission of Pioneer Bluffs is to preserve the ranching heritage of the Flint Hills. A National Register Historic District, Pioneer Bluffs is on Flint Hills National Scenic Byway K-177, 14 miles south of Cottonwood Falls or 1 mile north of Matfield Green.

Soybean farmers strategically invest in key link in supply chain

As U.S. soybean farmers continue to encounter challenges with both growing a crop and marketing a crop, it remains essential to maintain and enhance the transportation system established to transport that crop. U.S. soybean farmers are not only increasing the time and effort devoted to improving the competitiveness of their transportation network, they are also strategically investing resources to do so.

The 256-mile stretch of the Mississippi River from Baton Rouge, Louisiana, to the Gulf of Mexico accounts for 60% of U.S. soybean exports, along with 59% of corn exports – by far the leading export region for both commodities. There is a growing effort among Mississippi River stakeholders, including agriculture, to promote the dredging of the lower river shipping channel from 45 ft. to 50 ft. in depth.

The United Soybean Board (USB) recently announced a $2 million allocation to help offset the planning, design, and research costs of deepening the lower Mississippi River from 45 ft. to 50 ft. The 73 USB farmer-directors are responsible for investing soybean checkoff funds to enhance the value and preference for U.S. soy.

"During this challenging period, soybean farmers are being aggressive in trying to increase our competitiveness," says Mike Bellar, a soybean farmer from Howard, and chairman of the Soy Transportation Coalition (STC). "The $2 million in funding from our national checkoff organization, the United Soybean Board, will help improve our number one export region of U.S. soybeans. It will remain critical for the Soy Transportation Coalition, the American Soybean Association, and the individual state soybean associations to continue to promote this project at the federal and state level."

The overall project is estimated to cost $245 million and would occur in three phases. Two of the phases will be cost-shared between the federal government (75%) and non-federal sources (25%). The State of Louisiana has been designated as the obligated non-federal entity.

Dredging from Venice, Louisiana (approximately Mile 10 Above Head of Passes [AHP]) to the Gulf of Mexico. Removing this bottleneck would provide a 50-ft. deep channel to approximately Mile 154 [AHP] of the river. A substantial number of soybean and grain export terminals are located within this portion of the river. The estimated cost of this phase is $100 million. Given a 75% federal and a 25% non-federal cost share, the federal obligation would be $75 million, and the non-federal obligation would be $25 million.

Dredging from Mile 154 AHP to Baton Rouge, Louisiana (Mile 232 AHP). The remaining soybean and grain export terminals would be included in the 50-ft. shipping channel upon completion of this phase. The estimated cost of this phase is $65 million. Given a 75% federal and a 25% non-federal cost share, the federal obligation would be $48.75 million, and the non-federal obligation would be $16.25 million.

The relocation of pipelines buried under the northern portion of the shipping channel. The estimated $80 million cost of doing so would be split evenly between the State of Louisiana and the pipeline owners.

USB is allocating the $2 million to help offset planning, design, and research costs, combined with approximately $21 million in federal funding and $7.5 million in funding from the State of Louisiana to initiate the first year's work of the project (i.e. commencing the deepening of the river from Venice, Louisiana, to the Gulf of Mexico). While the State of Louisiana has provided its initial $7.5 million allocation of matching funds, the federal government has yet to approve its approximately $21 million in initial funding.

Recent research conducted by the Soy Transportation Coalition concludes that shipping costs for soybeans from Mississippi Gulf export terminals would decline 13 cents per bushel ($5 per metric ton) if the lower Mississippi River is dredged to 50 ft. A deeper river will allow both larger ships to be utilized and current ships being utilized to be loaded with more revenue-producing freight.

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White City, 1 red	1435@58.00	Alta Vista, 1 blk	1335@54.00	STEERS	
Burdick, 3 mix	1297@57.00	Burdick, 2 brown	1160@53.50	Herington, 48 blk	779@136.00
Burdick, 1 red	1240@57.00	White City, 2 Hol	1675@49.50	Hope, 113 blk	880@135.00
Herington, 1 bwf	1080@57.00	BULLS		Lnclnvlle, 56 mix	897@133.00
Herington, 1 bwf	1165@56.00	Lnclnvlle, 1 bwf	985@104.00	Peabody, 16 blk	859@133.00
Durham, 1 blk	1710@56.00	Tampa, 1 red	1700@84.00	HEIFERS	
Burdick, 1 char	1230@55.00	Burdick, 2 red	1828@83.00	Hope, 65 mix	813@124.00
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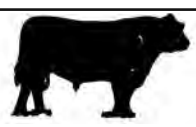

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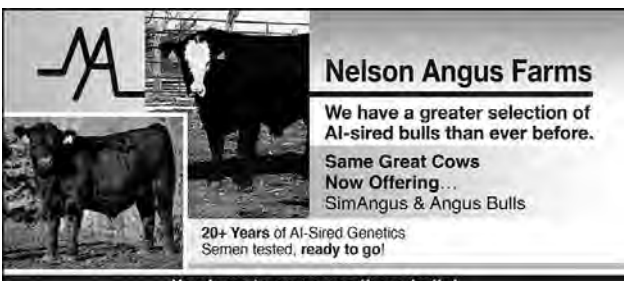

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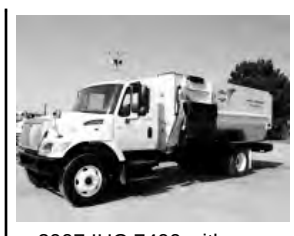

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Grants available for farm and ranch stress assistance

USDA's National Institute of Food and Agriculture (NIFA) has opened the Request for Applications for the new Farm and Ranch Stress Assistance Network Competitive Grants Program. The purpose of the Farm and Ranch Stress Assistance Network (FRSAN) Program is to establish a network that connects individuals who are engaged in farming, ranching, and other agriculture-related occupations to stress assistance programs. The establishment of a network that assists farmers and ranchers in time of stress can offer a conduit to improving behavioral health awareness, literacy, and outcomes for agricultural producers, workers and their families.

See the NIFA Funding Opportunity page for more information about the program and to apply for the grant. The grant application closing date is Thursday, July 25, 2019.

Applications may only be submitted by a collaborative state, tribal, local or regionally based network, or partnership of qualified public and/or private entities, as determined by the Secretary. These collaborations may include the following entities: Indian tribes (as defined in section 4 of the Indian Self-Determination and Education Assistance Act [25 U.S.C. 5304]); State departments of agriculture, State cooperative Extension services; and nongovernmental organizations (NGOs).

Kansas-Oklahoma Arkansas River Commission meeting slated for July 25

The 55th annual meeting of the Kansas–Oklahoma Arkansas River Commission will be held at the Hilton Garden Inn, 205 SW Frank Phillips Blvd, Bartlesville, Oklahoma, on Thursday, July 25, 2019, at 9:30 a.m. Optional tours of regional interest will be available on Wednesday, July 24. Anyone interested in water-related activities within the Arkansas River Basin in Kansas and Oklahoma is encouraged to attend.

Kansas and Oklahoma entered the Arkansas River Compact in 1965. The purpose of the compact is to promote interstate comity, to equitably divide and promote the orderly development of the waters of the Lower Arkansas River Basin, to provide an agency for administering the waters of the basin, and to encourage an active pollution abatement program in each state.

The Commission is composed of three commissioners appointed by the governor of Kansas, three commissioners appointed by the governor of Oklahoma, and two commissioners appointed by the President of the United States.

Questions about the meeting, lodging options, and optional tours can be addressed to Chris Beightel, program manager for water management services at Kansas Department of Agriculture–Division of Water Resources, at 785-564-6659 or Chris.Beightel@ks.gov. Additional information about the Kansas–Oklahoma Arkansas River Compact and the annual meeting can be found on the KDA website at www.agriculture.ks.gov/KOARC.

USDA now making payments for new Dairy Margin Coverage program

The U.S. Department of Agriculture's Farm Service Agency (FSA) opened enrollment for the Dairy Margin Coverage (DMC) program on June 17 and has started issuing payments to producers who purchased coverage. Producers can enroll through Sept. 20, 2019.

"Times have been especially tough for dairy farmers, and while we hope producers' margins will increase, the Dairy Margin Coverage program is providing support at a critical time for many in the industry," said Bill Northey, USDA undersecretary for Farm Production and Conservation. "With lower premiums and higher levels of assistance than previous programs, DMC is already proving to be a good option for a lot of dairy producers across the country. USDA is committed to efficiently implementing the safety net programs in the 2018 Farm Bill and helping producers deal with the challenges of the ever-changing farm economy."

Authorized by the 2018 Farm Bill, DMC replaces the Margin Protection Program for Dairy (MPP-Dairy). The program offers protection to dairy producers when the difference between the all-milk price and the average feed cost (the margin) falls below a certain dollar amount selected by the producer. To date, nearly 10,000 operations have signed up for the new program, and FSA has begun paying approximately $100 million to producers for January through May.

May Margin Payment

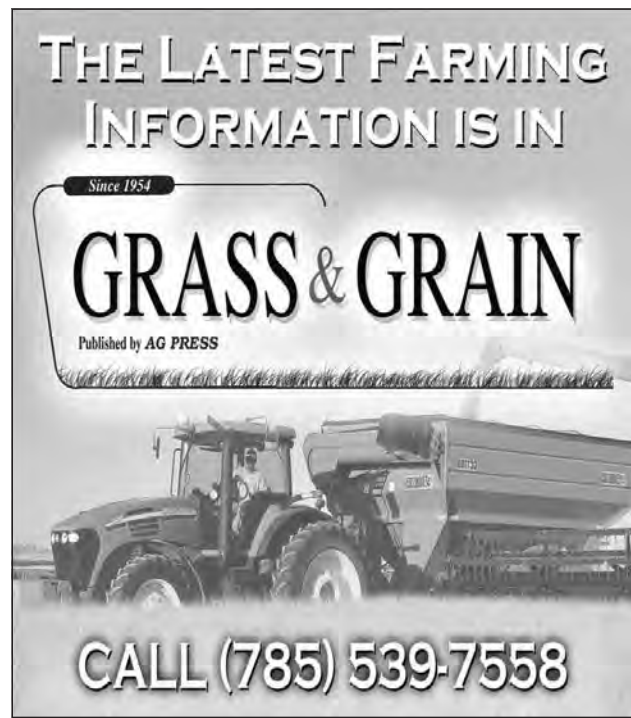
DMC provides coverage retroactive to January 1, 2019, with applicable payments following soon after enrollment.

The May 2019 income over feed cost margin was $9.00 per hundredweight (cwt.), triggering the fifth payment for eligible dairy producers who purchase the $9.50 level of coverage under DMC. Payments for January, February, March and April also were triggered.

With the 50 percent hay blend, FSA's revised April 2019 income over feed cost margin is $8.82 per cwt. The revised margins for January, February and March are, respectively, $7.71, $7.91 and $8.66.

Coverage Levels and MPP Reimbursements

Dairy producers can choose coverage levels from $4 up to $9.50 at the time of signup. More than 98 percent of the producers currently enrolled have elected $9.50 coverage on up to 95 percent of their production history.



American Angus Auxiliary nominations open

The American Angus Auxiliary is committed to serving the Business Breed through a number of capacities each year. Youth scholarships and awards, educational events such as the All-American Certified Angus Beef® Cook-off, Women Connected Conference, scholarship workshops and supporting state Auxiliaries are just a few of the ways the volunteer organization gives back to the Angus business — efforts are made possible thanks to a dedicated group of leaders.

If you feel strongly about the future of the Angus breed and the Auxiliary's mission, serving on the national level is a wonderful way to contribute, says Leslie Mindemann, Auxiliary advisor and past president.

"All it takes is a love for the breed and our kids to become involved at this level," Mindemann said. "The achievements, experiences and friendships made possible by serving in a leadership position have been so rewarding."

The American Angus Auxiliary is now accepting nominations for the following positions: the 2019-2020 secretary/treasurer and directors for Regions 4, 5 and 6 (Midwest, South and Northeast). Regional directors are elected by member vote within their respective regions. Officer positions are elected at the annual meeting in November.

Explore late-harvest considerations after delayed planting

Late planting is only one factor that affects final yield. In a season dominated by uncontrollable weather, there are other considerations to help farmers get the most out of remaining yield potential.

A late spring stacks up stress for the rest of the season. It will be a race against the clock to obtain enough growing degree units (GDUs) before harvest.

"We really need heat and sunshine," said Melissa Bell, Illinois Mycogen Seeds commercial agronomist. "We had a lot of cloudy and cool days in June, which is bad for a late-planted crop. Many farmers in this region are already starting preparations for drying corn in the event of a wet harvest."

Here are three considerations to help farmers get the most out of their crops this fall.

Don't skimp on your inputs plan. With a late spring, weeds got the upper hand. It's been a tough season, but it'll only get worse if crops are left competing with weeds for sunshine, water and nutrients.

"We can't control the weather, but we can still manage our crops to protect remaining yield," said Ryan Bell, Mycogen Seeds commercial agronomist in South Dakota. "We should be the best stewards we can be by fertilizing the crop and continuing to apply full rates and multiple modes of action to control weeds. Be mindful of pesticide labels, specifically calendar dates to stay within or growth stages that late planting may impact. If you weren't able to plant a row crop, you'll find cover crops are the best option to keep prevented plant acres from growing into weeds."

Watch stalk quality. Stalk quality correlates with nitrogen and other disease factors. With excessive rainfall, some nitrogen may have been lost to leaching and denitrification from the soil, which may result in stalk quality issues. Depending on application timing, soil type and how much rain you've received, losses could be significant. Scouting for deficiency symptoms is key.

Keeping foliar disease at bay will also keep stalk strength up. Look for diseases such as gray leaf spot, southern rust and tar spot. Use a foliar fungicide application to keep corn plants healthy.

Be prepared for a premature frost before drydown. Temperatures need to be at or below 32 F for a few hours to cause frost damage. The closer corn is to maturity at the time of a frost, the less damage there will be. A premature frost could have a severe impact on quality and test weights.

"If your crop matures in August and you get some sunny, windy days, you can lose around 1 point of moisture per day," Melissa Bell said. "But as you get into late September, that can slow to 0.5 point per day. By October, drying usually declines from 0.5 to 0.25%, and we don't tend to see any drydown in November."

Yield-boosting stay-green gene identified from 118-year-old experiment in corn

A corn gene identified from a 118-year-old experiment at the University of Illinois could boost yields of today's elite hybrids with no added inputs. The gene, identified in a recent Plant Biotechnology Journal study, controls a critical piece of senescence, or seasonal dieback, in corn. When the gene is turned off, field-grown elite hybrids yielded 4.6 bushels more per acre on average than standard plants.

Dating back to 1896, the Illinois experiment was designed to test whether corn grain composition could be changed through artificial selection, a relatively new concept introduced by Charles Darwin just 37 years earlier. Repeated selection of high- and low-protein corn lines had the intended effect within about ten generations. As selection for the traits continued, however, additional changes were noticeable.

"One of the things that was noted as early as the 1930s was that the low-protein line stays greener longer than the high-protein line. It's really obvious," says Stephen Moose, professor in the Department of Crop Sciences at Illinois and co-author of the study.

Staying green longer into the season can mean more yield. The plant continues photosynthesizing and putting energy toward developing grain. But, until now, no one knew the specific gene responsible for the stay-green trait in corn.

"The stay-green trait is like a 'fountain of youth' for plants because it prolongs photosynthesis and improves yield," says Anne Sylvester, a program director at the National Science Foundation, which funded this research. "This is a great basic discovery with practical impact."

The discovery of the gene was made possible through a decade-long public-private partnership between Illinois and Corteva Agriscience. Moose and Illinois collaborators initially gave Corteva scientists access to a population derived from the long-term corn protein experiment with differences in the stay-green trait. Corteva scientists mapped the stay-green trait to a particular gene, NAC7, and developed corn plants with low expression for the trait. Like the low-protein parent, these plants stayed green longer. They tested these plants in greenhouses and fields across the country over two field seasons.

Not only did corn grow just fine without NAC7, yield increased by almost 5 bushels per acre compared to conventional hybrids. Notably, the field results came without added nitrogen fertilizer beyond what farmers typically use.

"Collaborating with the University of Illinois gives us the opportunity to apply leading-edge technology to one of the longest-running studies in plant genetics," says Jun Zhang, research scientist at Corteva Agriscience and co-author of the study. "The insights we derive from this relationship can result in more bushels without an increase in input costs, potentially increasing both profitability and productivity for farmers."

Moose's team then sequenced the NAC7 gene in the high- and low-protein corn lines and were able to figure out just how the gene facilitates senescence and why it stopped working in the low-protein corn.

"We could see exactly what the mutation was. It seems to have happened sometime in the last 100 years of this experiment, and fortunately has been preserved so that we can benefit from it now," Moose says.

He can't say for sure when the mutation occurred, because in the 1920s crop sciences faculty threw out the original seed from 1896.

"They had no way of knowing then that we could one day identify genes controlling these unique traits. But we have looked in other corn and we don't find this mutation," Moose says.

Future potential for this innovation could include commercialized seed with no or reduced expression of NAC7, giving farmers the option for more yield without additional fertilizer inputs.

Moose emphasizes the advancement couldn't have happened without both partners coming to the table.

"There's value to the seed industry and society in doing these long-term experiments. People ask me why university scientists bother doing corn research when companies are doing it," he says. "Well, yeah they are, and they can do things on a larger and faster scale, but they don't often invest in studies where the payoffs may take decades."

Kansas NRCS announces funding to plant cover crops on flooded cropland acreage

USDA's Natural Resources Conservation Service (NRCS) is offering a special Environmental Quality Incentives Program (EQIP) sign-up for farmers in governor-declared counties in Kansas who could not plant their crops because of flooded or wet fields. This sign-up provides technical and financial assistance to help farmers plant cover crops, an alternative to letting fields go fallow and uncovered. The deadline to apply is July 26, 2019.

Excessive moisture and flooding in 2019 have prevented or delayed planting on many farms across the country. Many producers are unable to plant crops by a final planting date or have experienced significant delays in planting.

Fields that are saturated for an extended period can lose important soil organisms. Cover crop roots add organic matter and create pathways for air and water to move through the soil, which is key to restoring its health.

"Cover crops help farmers to manage soil erosion, weeds, and pests and to improve soil health," said Karen A. Woodrich , NRCS state conservationist in Kansas. "They can also help your soil health recover after a flood or a long period of remaining wet."

To apply for this special EQIP funding, contact your local NRCS office.

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AUCTION

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TERMS: $1,000.00 down day of sale with balance due at closing in certified funds with delivery of marketable title, on or before Sept 12, 2019, unless additional time is needed to perfect title. Title insurance and closing fees will be split 50/50 between Buyer and Seller.
TAXES: Present Taxes $418.68. Seller pays 2018 and all prior taxes. 2019 taxes will be prorated to date of closing. **POSSESSION:** Upon closing and delivery of marketable title.

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PERSONAL PROPERTY — Antiques: Wardrobe * Wooden Ice Chest * Dyno boxes *Hoosier type cabinet * Bentwood high chair. **Yard & Shop Items:** Lawn and garden supplies * Small dog house * Perfection space heater

PIX & info: http://strohsrealestateandauction.com/html/522_s_bell.html

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LIQUIDATION AUCTION

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124 North Walnut — PEABODY, KS 66866

Mark and Ginger Whitney are closing the Peabody Hardware and lumber store after it has provided years of service in downtown Peabody. This is a complete liquidation of all items in the store!! The sale will be held in the cool of the air conditioned building!! Plan to be there July 27th.

REAL ESTATE (SELLS FIRST AT 9:00 AM)
Hardware Store/Business building in Historic Downtown Peabody
1879 Limestone row front retail store with 4,500 sq. ft. on main level (mostly retail floor space with office and 2 bathrooms) Unfinished up stair level has 4000 sq. ft. of storage. Full unfinished basement is also storage. The building has central heat and air conditioning, Main street frontage and rear alley access. This is an excellent opportunity to own a quality, well maintained building with lots of available space, possibilities and uses!! ***CALL FOR YOUR PRIVATE SHOWING AND TOUR OF THE PROPERTY.***

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Mark has a hobby of collecting and restoring pedal tractors/cars, Tonkas as well as furniture and other items. The following list is from that collection.
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USMEF seeking nominations for distinguished service award

Since 1991, USMEF has recognized selected individuals for their outstanding service to the organization through the Distinguished Service Award. The award recognizes an individual for his or her leadership and lifetime contributions toward the achievement of USMEF's mission to enhance demand for U.S. red meat exports. This year, the Distinguished Service Award will be presented at USMEF's Strategic Planning Conference, Nov. 6-8, in Tucson, Arizona.

Your nominations are needed to ensure that we identify and honor a deserving individual whose leadership and involvement in USMEF and its activities have made a significant impact on our work in international markets.

Guidelines for eligibility:

Nominees from all industry sectors and segments are eligible: livestock, feedgrain and oilseed production; farm industry; agribusiness (supply and service); research and technology; packing and processing; purveying and trading; and government affairs and trade.

Nominees do not have to be current or former USMEF members.

Nominees may not be a current employee of USMEF or a current member of the USMEF Executive Committee.

Nominees may be from the government sector.

The individual may be honored posthumously.

The individual must be nominated by a current dues-paying USMEF member.

To submit a nomination, download a copy of the nomination form. Send completed nominations to Jackie Boubin, USMEF director of meeting services, at jboubin@usmef.org or fax to 303-623-0297 by Wednesday, July 31.

If you have questions about the award or the nominating process, please email Jackie Boubin in the USMEF Denver office or call her at 303-623-6328.

Central Kansas Free Fair barn quilt entries now open

A popular attraction at the CKF Fair in Abilene is the Open Class Barn Quilt division. Displayed on the north wall of the interior of Sterl Hall, fair visitors can vote for their favorite on Facebook.

CKFF is open to all of Kansas and folks are encouraged to bring their entry for check-in on Weds., July 24th from 3 to 7 p.m. at Sterl Hall on the fairgrounds.

People's Choice voting begins July 25th and goes through August 1st. A large rosette ribbon and a free pass to a painting class is sponsored by Kanza Barn Quilts, Chapman, for the winner. Second & third runners-up also receive awards.

Earlier entries can be received at the CKFF office at Sterl Hall or to Lori. Call her at 785-313-6565.

Class requirements are: 2'x2'-foot barn quilt. They will be hung square.

No advertising logos. Must reflect the art of fabric quilting patterns. Entry release time is Sunday, August 4th at 3 p.m.

The People's Choice voting is sponsored by the Abilene Convention & Visitors Bureau. Vote at: www.facebook.com/visitabilene from July 25-Aug. 1.

Also, visit: CKFF.net for premium book information.

How to take control of pinkeye

Pinkeye is more than an inconvenience in cattle herds. It's a highly contagious disease that's painful for animals, can significantly reduce calf growth rates, and can even lead to blindness, if left untreated.

The good news is there are several management practices most cattlemen can implement to reduce the occurrence and minimize the impact of this common disease.

Prevent injury and infection

"Pinkeye is the general term for inflammation or infection of the eye, and its primary cause is the pathogen Moraxella bovis (M. bovis). The disease may result from conditions that irritate the eye, and is often spread by face flies," explained D.L. Step, DVM, Boehringer Ingelheim. "Protecting cattle from the most common causes of eye irritations and injuries is the best way to minimize the chance of infection."

To do that, Dr. Step suggests implementing these management practices:

Control weeds and/or tall grasses. Brushing against tall, rough grass or prickly weeds in pastures is a common source of eye irritation or injury in cattle. Mowing or spraying weeds and brush before they get too tall eliminates the threat.

Provide shade for animals. Being in constant bright sunlight can cause eyes to tear up, which often attracts flies that can carry bacteria.

Minimize dusty conditions, where possible. Airborne dirt and dust can cause eye irritation. When pen or pasture conditions are extremely dry, spraying water reduces the dirt and dust animals can kick up.

Reduce spreading risk

"When pinkeye does develop, it's important to detect it early to administer appropriate treatment and limit disease spread," noted Dr. Step. "It's good to check for pinkeye daily, or at least every other day during fly season. Look for cattle exhibiting clinical signs including excessive eye tearing, drainage, blinking or squinting."

Dr. Step pointed to the following practices to help reduce the risk of spread:

Separate and treat infected animals. Remove infected animals from the rest of the herd, and treat them as soon as possible in order to interrupt the disease cycle. One face fly could spread pinkeye to several animals in a day. Work with your veterinarian and follow label instructions to provide efficient and effective treatment. Applying a patch over the infected eye can aid healing and prevent disease spread in some instances.

Control flies. Whether you use fly tags, pour-ons, sprays, dust bags or back rubbers, it's important to implement some form of fly control.

Vaccinate early. "The ideal time to vaccinate for pinkeye is 30 days prior to the beginning of fly season in order to allow a good level of immunity to develop," asserted Dr. Step. "A single-dose pinkeye vaccine offers convenience and efficacy."

Dr. Step said that M. bovis is not the only pathogen that can cause pinkeye, but it is the most common one. "That's why vaccination is not guaranteed to work 100 percent of the time; however, it can significantly reduce the clinical signs and severity of the disease if an outbreak occurs."

Handle vaccines properly.

"A more common reason vaccines don't work is that they are not handled or administered according to label directions," added Dr. Step. "The product might need to be refrigerated until use, and kept out of direct sunlight. A clean, sterile syringe should always be used so no cross-contamination occurs with other products or with a disinfectant. And the correct dose should be given in the right manner.

"I remind ranchers that, with a vaccine, you're paying for a technology. To get the most out of it you need to follow label directions," he concluded.

National Day of the Cowboy celebration to be held July 27

Join the Flint Hills Discovery Center (FHDC) on Saturday, July 27 from 10:00 a.m.-5:00 p.m. for National Day of the Cowboy. Wrangle up the family for a day filled with activities embracing the spirit of the Wild West!

Celebrate the history and culture of the American West. Learn more about the people who played a role in shaping Kansas history. Experience a variety of hands-on learning activities as guests are invited to brush up on their skills of roping, branding, bison chip tossing, sling shooting, rope- making and more. Check out the cowboy tools of the trade such as saddles, blankets, chaps, gloves, spurs, hats and ropes. Wagon rides will be available between 11:00 a.m.-2:00 p.m.

Regular admission rates apply. Tickets can be purchased at the door. Admission is $9 for adults (18-64 years old), $7 for military, students, educators, or seniors (65+ years old), $4 for youth (2-17 years old), free for children under two years old. FHDC members are always free and we honor ASTC reciprocal benefits.

During National Day of the Cowboy, guests will also receive admission to the exhibitions inside the FHDC. This includes our newest exhibits, Dream with Da Vinci created by the Curious Kids' Museum and Food First created by AIB International!

To learn more about National Day of the Cowboy at the Flint Hills Discovery Center, visit www.flinthills-discovery.org/cowboy, call 785-587-2726 or visit 315 S. 3rd St. in Manhattan.

Marysville Livestock Sales

Every Thursday at 12 Noon

Bill Keesecker, Manager • 785-562-1015
1180 US Hwy. 77, P. O. Box 67, Marysville, KS 66508

PLEASE VISIT OUR WEB SITE TO SEE OUR LATEST DETAILED MARKET REPORTS AND UPCOMING CONSIGNMENTS AND SPECIAL SALES: www.marysvillelivestock.com

NO SALE NEXT WEEK JULY 18!

Market Report for 7-11-2019.
301 HEAD SOLD

STEERS/BULLS	BEEF
300-400#	$194.00-$176.00
400-500#	$171.00-$161.00
500-600#	$161.00-$153.00
600-700#	$160.00-$148.00
700-800#	$155.00-$124.00
800-900#	N/A
900-1,000#	$96.00-$91.00
HEIFERS	
300-400#	$192.00-$172.00
400-500#	$195.00-$160.00
500-600#	$155.00-$153.50
600-700#	$144.00-$130.00
700-800#	$130.00-$125.25
800-900#	$120.25-$116.00

HFRETTES: 1765#-820# $113.00-$73.00

COWS-HIGH YIELDING
1835#-1045# $78.00-$61.00

COWS-LGT WT & LOW YIELDING
1620#-810# $61.50-$38.00

BULLS: 2275#-1200# $89.50-$65.00

SUMMER SCHEDULE: NO SALE: July 25!

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
Baileyville, KS	Odell, Nebraska	Hanover, KS	Waterville, KS	Frankfort, KS	Marysville, KS

Barn Phone • 785-562-1015 www.marysvillelivestock.com

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.

FEED KEY FEEDS

Fourth & Pomeroy Associates, Inc.

Joseph Ebert, VP/GM

CALL KEY FEEDS TODAY
1-800-432-7423 OFFICE
Clay Center, Kansas 67432
BYRON THORESON • 785-630-0161
Minneapolis Location: JAMES CARR • 785-630-0491
Tipton Location: TIM WILES • 785-630-1049
ROD BOHN • 785-630-0846

JC Livestock Sales Inc.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from July 10, 2019

	STEERS				
1	335	167.00	6	614	138.50
1	460	165.00	71	712	137.00
3	638	155.00	2	538	135.50
6	653	148.00	1	800	115.50
35	755	147.25			
20	824	143.00			
60	927	137.85			
	HEIFERS				
1	345	145.00			

TOP BUTCHER COW: $66.00 @ 1,373 lbs.

TOP BUTCHER BULL: $83.50 @ 1,605 lbs.

UPCOMING SPECIAL SALES

FALL CALF SALE
WEDNESDAY, AUGUST 7 • 12:30 PM
41 B/BWF Steers, 800-900 lbs. ..... Weaned
120 Blk-X Steers/Heifers, 600-800 lbs. ..... Off Cow
140 Blk-X Steers, 650-900 lbs. ..... Off Cow
PLUS MORE BY SALE DAY!

WEDNESDAY, AUGUST 14:
147 mix Steers .....900-925 lbs.
PLUS MORE BY SALE DAY!

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

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

Radio Market Reports KFRM 550 Tues. & Wed. 8:00 am

KARL LANGVARDT Cell: 785-499-2945
MITCH LANGVARDT Cell: 785-761-5814
LYNN LANGVARDT Cell: 785-761-5813

Clay Center Livestock Sales Inc.

Cattle sales Tuesday, 11:00 AM.

Report from July 9, 2019

Very light run.
Not enough to test market.

BACK TO REGULAR SALE SCHEDULE!

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

Radio Market Reports KCLY-Fm 100.9 Tues. 6:45 a.m.

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: 7/10/19. Total: 323.
COWS: $67-$78.00; $56-$66.50; $55 & down.
BULLS: $84.50-$92.00

BULLCALVES			
2 blk	573@139.00	3 blk	488@162.00
2 blk	805@116.00	6 mix	478@161.00
		5 blk	575@145.00
HEIFERS		4 blk	590@144.00
2 mix	353@144.00	4 blk/bwf	573@143.00
7 mix	515@140.00	2 blk	588@142.00
6 blk	553@134.50	4 blk	615@150.00
15 Char	578@133.50	8 blk	644@140.50
5 blk/bwf	622@135.00	13 Char	645@140.50
6 mix	624@133.00	6 blk	668@140.50
3 blk	645@132.00	8 blk	618@140.00
9 blk/bwf	652@132.00	7 blk	689@138.50
6 Char	631@129.50	5 blk/bwf	716@142.00
3 blk	648@128.00	9 mix	723@137.00
STEERS		2 blk	718@135.00
3 mix	352@162.00	5 blk	735@135.00

CONSIGNMENTS FOR JULY 17
- 70 blk strs, off grass & weaned, 600-700 lbs.
- 50 blk & red strs & hfrs, off grass & weaned, 650-750 lbs.
- 90 blk strs & hfrs, off grass & weaned, 650-750 lbs.
- 230 mix heifers, 775-900 lbs.
- 102 mix strs, 800-850 lbs.
- 60 mix steers, 850-925 lbs.

CONSIGNMENTS FOR JULY 24
- 230 mix heifers, 750-850 lbs.
- 285 mix hfrs, 775-850 lbs.
- 320 blk & Char hfrs, 800-875 lbs.
- 250 mix steers, 825-950 lbs.
- 285 blk strs, 850-925 lbs.

CONSIGNMENTS FOR JULY 31
- 250 mix heifers, 750-825 lbs.
- 355 mix heifers, 750-825 lbs.
- 54 blk & red heifers, 775-825 lbs.
- 200 mix heifers, 775-900 lbs.

CONSIGNMENTS FOR AUG. 7
- 315 blk steers, 800-875 lbs.

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
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

Equine deworming: staying current with the experts' recommendations

Parasites present a pesky problem for horses and their owners alike. A year-round rotation of dewormers that alternated every other month was once considered enough to keep your horses protected. However, there is an increasing trend of drug resistance among parasites, making them harder to manage through traditional strategies. Your horse's parasites are changing; your deworming protocols need to keep up.

Thanks to parasite control guidelines from the American Association of Equine Practitioners (AAEP) and a growing amount of independent research, we know individualized, age-appropriate and seasonal treatment plans are the most successful. Rather than frequent, calendar-based deworming treatments, effective and properly timed treatments are best for keeping your horse and your wallet happy.

Effective Active Ingredients

For effective treatment, it is vital horse owners know which parasite(s) their horse is infected with and which deworming product effectively treats the parasite. Your veterinarian is the best person to provide this information.

The key parasites in adult horses, small strongyles, are universally present in all grazing horses. The primary concern with small strongyles occurs during the encysted stage of their life cycle, when the parasite burrows into the walls of the lower intestines. Inflammation results when the parasite emerges from this cyst stage.

"Moxidectin is the only deworming active ingredient that has been shown to be effective in treating encysted small strongyles, which are strongyles in the larval stage, in a single dose," says Kenton Morgan, DVM, Equine Technical Services, Zoetis.

There is a five consecutive days dosing regimen that claims to be effective against encysted small strongyles, but recent data indicates there is growing small strongyle resistance to fenbendazole.

It is also important to keep in mind that, while the available deworming products may all look different, many brands contain the same active, parasite-killing ingredient. So, even though the products have different names, you may be using the same active ingredient, and overexposure to the same active ingredient could be leading to parasite resistance. That's why it's important to read the packaging and look for the active ingredient, often found in parenthesis below the brand name.

Parasite Seasonality

Deworming treatments must also be properly timed during the year, corresponding with your horse's parasite burden and the parasites' cycles of transmission, typically spring and fall.

Ascarids, also known as roundworms, are hardy parasites resistant to environmental influences. They are the key parasite of concern in young horses, as older horses develop an immunity to them. However, in foals, ascarids can cause poor growth, airway inflammation and small intestinal impactions.

"There are three products that perform best when targeting ascarids," Dr. Morgan says. "The active ingredients to look for are pyrantel pamoate, oxibendazole or fenbendazole."

Engage Your Veterinarian

The most important tool in your parasite arsenal is your veterinarian. Veterinarians can perform a fecal egg count test to determine which horses in your herd need treatment and which don't. Once you have a baseline established, they can work with you to develop an Individualized Deworming™ program.

"All horses do not carry the same parasite burden. Usually, in a herd, 80% of the parasite burden is hosted by 20% to 30% of the horses," Dr. Morgan says. "High strongyle egg shedders are responsible for the majority of parasite transmission."

Your veterinarian can also test your horse or herd to see if the dewormer you used was effective. A fecal egg count reduction test will show if your horses have parasites that have become resistant to a specific active ingredient. This test is done after your horse or herd has been treated. Your veterinarian can then help you select additional treatment options, if necessary.

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism. Visit QuestHorse.com to learn more about Individualized Deworming treatment plans for your horse.

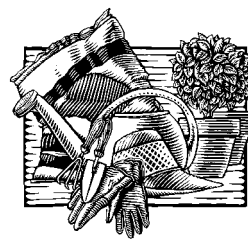
Superior Livestock Auction holds Big Sky Roundup

Superior Livestock Auction hosted their fourth annual Big Sky Roundup from the Northern Hotel in Billings, Montana on June 26th and from their Superior Livestock Studio in the historic Fort Worth Stockyards on June 27th. Cattle producers offered 47,100 head of calves, yearlings and breeding stock from 22 states for this auction. The bulk of trade occurred in the North Central region, mainly Montana with cattle selling on contracts to deliver immediately through the end of November. The Big Sky Roundup was broadcast live on SLA-TV Dish Channel 997 and streamed on Superior Livestock Auction's Click To Bid website. Superior Livestock's strong buyer base once again showed up in Billings and Fort Worth to rewarded program cattle, producing another upwardly trending market report.

Wednesday morning opened with standing-room-only auction floor; featuring Region 1 & 2 feeder steers and heifers which were received with great representation from buyers on the auction floor as well as internet buyers. Prices settled in at fully steady to $5 higher with the most advance on heavier weights. The weaned calves from regions 1 & 2 were offered to a very aggressive buyer base selling fully steady and again as much as $20 premium on program cattle. The fall calves on cows that were offered with value added programs were met with very aggressive bidding selling as much as $10 higher than last test of northern origin calves.

Day 2 in Fort Worth Texas saw steady market prices on yearling as well as calves.

In order to better serve Superior's growing customer base, Superior is excited to announce the evolution of SLA-TV in 2019. Superior is the largest livestock auction in the United State and markets well over one million head of cattle annually. With over 400 representatives located throughout the United States, Superior provides a complete national marketing network that serves both buyers and sellers



Yard & Garden Tips
By Gregg Eyestone

Landscape for Life

One of the highlights for me while in Washington D.C. was visiting the United States Botanical Garden. It was a hot day but I was encouraged by all the other like-minded people taking in the surroundings. I came to discover that much of the Mall is landscaped with plants used to enhance the environment. Function and beauty is common from today's planned landscape.

Join me on Saturday, July 20 as I present on fragrant shrubs for the planned landscape. Blueville Nursery at 4539 Anderson Avenue will be the host site. The program begins at 10 a.m.

Plants will enhance the environment's ability to clean air and water, reduce flooding, combat climate change and provide all the other natural benefits that support life on earth. Selecting which ones to use can be based on color, texture, form and fragrance. Roses are a good example of plants selected for two or more like color and fragrance.

Nothing really compares to the spring smell of Viburnum and lilac. There are still a few shrubs that have something to offer in summer and fall. My Caroline Allspice shrub has been blooming for quite a while. It has maroon colored flowers on an eight-by-eight-foot shrub. Blooms appear on last year's and new growth.

Perhaps the most common summer flowering shrubs with delightful fragrance are the Butterfly Bushes. There are numerous cultivars to choose from. I have tried many of them. My best success has been with the older proven cultivars. They come in many colors and sizes.

Selecting and installing plants that are adapted to site conditions, climate and garden design require fewer resources and less maintenance to thrive. As wilderness shrinks and suburban acreage increases, what we plant in our home gardens is increasingly important. You may check out more on landscape for life at https://landscapeforlife.org/.

If you would like additional information on a horticulture topic, please contact Gregg Eyestone at the Riley County office of K-State Research and Extension. Gregg may be contacted by calling 537-6350 or stopping by 110 Courthouse Plaza in Manhattan or e-mail: geyeston@ksu.edu and see the blog at www.riley.ksu.edu

Subscribe to GRASS & GRAIN ONLINE at: grassandgrain.com

VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.

THURSDAY, JULY 18, 2019

Special Fall Bred and Regular Sale

S.T. 10:00 on weigh-ups; 2:00 on bred females

Pairs:

210 Angus (120@2-5 yrs; 1250-1500#) w/March-April cfs at side. Most homeraised, calves not worked, almost exclusive Hall Angus genes, past 5 yrs steer calves in October wt. 550#, exposed to Ang bulls turned out June 20 (cf 3-25). Complete Dispersion.....Tyler Morgan & Katie Jo Morgan (Tyler@402-376-4384 Katie@402-389-1404)

20 ..Corriente-x (10 pairs, mixed ages). Horns & color .....Tyler Morgan & Katie Jo Morgan

70 ..Angus (short term; 1450#) w/June born Angus cfs at side .....Pending

Listings:

70 ..Hereford (2 ½ yrs; 1200#) bred blk Ang; cf 8-1, 50 days. Starting to show, like the look!.....Turner Ranch LLC (Lawrence @ 402-376-5248)

120 Rd Ang (47 @ 3-4 yrs; bal. 5-9 yrs) bred Rd Ang (X-Diamond & Beckton); cf 8-20 for 30 days. Outstanding genes.....Paxton Rn (John Warren @ 308-650-9000)

35 ..Rd Ang (3 & 4 yrs) bred LBW Rd Ang (Beckton, Calvo, Hueftle); cf 8-15, 45 days. HR, broodyJohn & Lynn and Joe & Katie Mundorf (John@402-322-3241)

180 blk & Ang & Rd Angus (25 hd) (3-7 yrs; 1200-1350#) rd bred Rd Ang; blk bred blk Ang (Schelskie); cf 9-1 for 45 days. Complete dispersion of a true fall calving herd .....Swenson Farms (Todd Swenson) (Sheridan @ 605-354-2127)

62 ..blk, bwf (1 rwf) (6 yrs+; 1400-1500#) bred Angus (AK); cf 8-15 for 62 days. HR. Complete Dispersion Fall Herd AK Angus (Richard Keller@402-322-0796)

45 ..bwf (F-1) (3-8 yrs) bred Ang (Sitz); cf 8-10 for 30 days. Long sided.....Dusty Paxton (308-530-1518)

39 ..Angus (3-5 yrs) bred Angus (Slagle, Ostrand); cf 9-1 for 40 days. Always good HR.....Mart McNutt (308-520-7535)

24 ..blk, few bwf (8-14 yrs; 1300-1450#) bred blk Ang; cf 9-1 for 60 days HR .....Beel Bros. (Frank @ 402-382-8641)

80 ..blk, Angus (ST; 1150-1225#) exposed Angus; cf 3-10 (not pregged, buy as weigh-up).....Dean Marshall

Plus More From: Tetherow (11 rd), Hall/Pokorny (24 rd), N Simmons (30), Bestol & Masek (23), Schelske (23), Dockweiler (10)

View our special sales online @ cattleusa.com

Office: 1-800-682-4874 or 402-376-3611

Greg Arendt, Mgr., C: 402-376-4701 Greg Nielsen, Fieldman, C: 402-389-0833
Jake Hopwood, Fieldman, C: 308-627-4828

For complete listing visit our website: www.valentinelivestock.net

Central Livestock

811 N. Main St.
South Hutchinson, Ks

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

Sat., July 20th - Hog/Sheep/Goat Sale
Tues., July 23rd - Holstein Special
Sat., August 3rd - Horse & Tack Sale

SPECIAL DRAFT HORSE & MULE SALE

Central Livestock
811 N. Main
South Hutchinson, KS 67505

Friday, August 2nd, 2019

9:00 A.M. – Tack & Equipment

5:00 P.M. – Draft & Driving Horses
Mules & Donkeys

Horse Commission 8% + $25 Booking Fee

Saturday, August 3rd, 2019

Monthly Horse Sales 1st Saturday of Every Month
Tack at 9:00 a.m. • Horses at 1:00 p.m.

CALL TODAY TO CONSIGN YOUR HORSES!

Randy Smith	Earnie Schenker	Sale Barn Office
620.200.7971	417.309.9352	620.662.3371

www.CentralLivestockKS.com

LIKE US ON FACEBOOK - Central Livestock - Horse Sale
(Send us pictures & videos to advertise in advance)

EL DORADO LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159

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

Market Report - Sale Date 7-11-19. 1,149 Head.

300-400 lb. steers, $151-$153; heifers, $138-$145; 400-500 lb. steers, $151-$155; heifers, $114-$142; 500-600 lb. steers, $137-$158.50; heifers, $130-$138.50; 600-700 lb. steers, $149-$152; heifers, $131-$138; 700-800 lb. steers, $135-$149; heifers, $121-$131; 800-900 lb. steers, $121-$135; heifers, $123.75-$132.25; 900-1,000 lb. steers, $124.50-$142. **Trend on Calves:** $4-$6 lower, light test. **Trend on Feeder Cattle:** $3-$5 higher on strong demand. **Butcher Cows:** High dressing cows: $61-$68.50; Avg. dressing cows: $54-$61; Low dressing cows: $41-$54. **Butcher Bulls:** Avg. to high dressing bulls: $76.50-$86.50.

HIGHLIGHTS

HEIFERS			
60 blk	853@132.25	185 blk	914@142.00
60 blk	851@132.00	100 mix	993@128.75
		157 blk	994@133.00
STEERS			
65 mix	781@144.00		

EARLY CONSIGNMENTS FOR THURSDAY, JULY 18:

EXPECTING 2,000-2,500 HEAD

- **150 steers & heifers**
- **100-120 mostly blk steers & heifers, fall calves off cows, shots, 600-700 lbs.**
- **4 loads mix steers, 750-900 lbs.**
- **70 load mix heifers, 750-800 lbs.**
- **400 mix steers, 800-850 lbs.**
- **100 mix steers & heifer calves, 600-800 lbs.**
- **47 blk nose Char heifer calves, 700-750 lbs.**
- **100 Angus cross heifer calves, 600-700 lbs.**
- **120 blk & red steer calves, 675-725 lbs.**
- **25 Red Angus steer & heifers, 650-750 lbs.**

We will have a Great Feeder Run on the 18th as well as a Great Consignment of Fall Calves.

IF YOU HAVE SOME FALL CALVES TO SELL, NEXT WEEK WOULD BE A GREAT WEEK TO CONSIGN THEM!

GIVE US A CALL TODAY!

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

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

Cattle Sale Every Thursday 11:00 AM

Holton Livestock Exchange, Inc.

1/2 mile East of Holton, KS on 16 Highway

Livestock Auction every Tuesday at 12 NOON

Serving the Midwest Livestock Industry for 67 Years!

******STARTING TIME: 12:00 NOON******

MARKET REPORT FOR TUESDAY, JULY 9, 2019
RECEIPTS: 850 CATTLE
VIEW FULL RESULTS ON OUR WEBSITE.

STEERS & BULLS		HEIFERS	
3 blk bulls	331@190.00	2 blk hfrs	365@154.00
1 rwf str	360@175.00	3 blk bwf hfrs	446@153.00
5 blk red bulls	379@172.50	3 blk hfrs	360@152.00
2 blk strs	447@170.00	4 blk hfrs	480@147.00
50 blk strs	638@161.00	2 char hfrs	545@145.00
10 blk strs	628@159.00	9 blk bwf hfrs	583@140.00
29 blk strs	653@155.50	5 blk hfrs	673@137.00
19 blk strs	705@152.50	11 blk hfrs	639@136.00
16 blk bwf strs	724@150.50	7 blk hfrs	670@135.50
68 blk strs	733@149.00	7 blk char hfrs	643@135.00
8 blk bwf strs	692@146.00	14 blk bwf hfrs	755@133.00
41 blk strs	826@141.25	8 blk hfrs	594@132.00
59 mix strs	891@140.60	4 bwf red hfrs	627@131.00
4 blk strs	782@137.50	3 rwf bwf hfrs	613@130.00
2 char strs	752@136.00	8 rwf bwf hfrs	625@130.00
12 rwf bwf strs	654@135.00	3 blk hfrs	685@127.00
3 blk strs	725@134.50	7 red blk hfrs	785@124.50
		4 blk hfrs	863@123.00
		3 bwf char hfrs	980@115.00

SATURDAY, JULY 20 STARTING at 10 AM, MORRILL, KS
Tractors • Harvesting • Semi & Grain Trailer • Machinery • ATV • Trailers • Miscellaneous
FOR LARRY & JUDY STOVER

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

View our auctions live at "Imaauctions.com"

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 11 we had 650 head of cattle on an active market.

STEERS					
3 blk	498@152.00	3 Beefmstr	677@135.75	50 bk red	874@130.75
4 bk bwf	569@152.00	11 bk bwf	912@134.25	9 Beefmstr	577@129.50
3 bk	657@147.50	57 mix	951@129.50	5 Beefmstr	663@127.50
8 bk char	752@145.00	4 Brngs	779@128.25	**BULLS**	
		HEIFERS		3 bk	478@135.00
5 mix	706@143.00	75 bk bwf	763@139.90	**HEIFERETTES**	
5 Brngs	662@139.00	9 bk char	661@137.00	3 bk	1293@105.00
5 bk	769@138.00	66 bk bwf	860@133.75	2 bk	1093@103.00
4 Beefmstr	633@137.00	9 Beefmstr	516@133.50		

Butcher Cows: $36-$78, mostly $60-$70, steady to higher.
Butcher Bulls: $65-$89.50, mostly $80-$87, steady to higher.
Packer Cows & Bulls selling very active. Preg Cows: $700-$1,125

BUTCHER COWS		BUTCHER BULLS	
1 blk	1515@78.00	1 blk	1805@89.00
1 yellow	1485@77.50	1 blk	1680@89.50
1 blk	1490@76.50	1 wf	1965@88.50
1 blk	1595@75.50	1 blk	1940@88.50
1 bwf	1440@75.00	1 blk	2045@87.50
1 char	1270@74.50	1 blk	2250@86.50
1 Brngs	1505@74.00	1 blk	1945@86.00
2 Char	1550@73.00		

EARLY CONSIGNMENTS FOR JULY 18

- **100 fancy blk strs & hfrs, 600-800 lbs., fall calves off the cow**
- **110 blk bwf strs & hfrs, 500-700 lbs., fall calves weaned 60 days**
- **450 blk bwf red strs & hfrs, 775-1,000 lbs., off the Grass**

EARLY CONSIGNMENTS FOR JULY 25

- **550 blk red Char heifers, 700-900 lbs., off the Grass**
- **140 blk red Char heifers, 700-850 lbs., off the Grass**
- **80 bk red Char steers, 800-950 lbs., off the Grass**

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

Kansas Rural Center to host regional town hall in Garden City

Kansans are invited to attend the upcoming "Kansas Future of Farming & Food" Town Hall on Tuesday, July 30, at the St. Dominic Catholic Church Parish Hall at 615 J C Street in Garden City from 5:30 p.m. to 8 p.m. The Town Hall, hosted by the Kansas Rural Center (KRC), will feature a panel of experts on our food system and farming, climate and energy, and rural/urban community needs and ways we come together to address these needs.

Following the panel discussion, attendees will have time to respond, ask questions, and share their experiences or opinions about the issues addressed to help identify what is needed to advance opportunities in their communities and/or the region.

A complimentary dinner featuring locally sourced ingredients from Dale Family Farms will be available starting at 5:30 p.m. with the program starting at 6 p.m. Registration is required in order to ensure an accurate count for dinner. Please register no later than Friday, July 26th at https://kansasruralcenter.org/2019townhalls. Contact Caryl Hale, KRC field coordinator, if you have questions, at chale@kansasruralcenter.org or call 866-579-5469.

The Town Hall will offer an opportunity to share information and enable community dialogue on the vision for the future we want and how we get there. Discussion will include issues critical to Kansans ranging from the impacts of weather extremes and a changing climate on our food system and farming, population loss in Kansas communities (especially of young people) and how to bring people back, and present and future economic and community opportunities.

This is the third of five "Future of Farming and Food" Town Halls across the state. A fourth Town Hall will also be held in St. Francis on July 31th and their final Town Hall of 2019 will be held in Kansas City in August. Town Halls were held in Emporia and Wichita earlier this month.

Partial support for this project is provided through the Kansas Town Hall program, a partnership between Humanities Kansas and the Eisenhower Presidential Library & Museum that encourages citizens to discuss public policy issues facing Kansas today.

These Town Halls are part of KRC's "Community Food Solutions for a Healthier Kansas" initiative and Integrated Voter Engagement project, which aims to improve the economy, community, environment, and health in Kansas by strengthening civic engagement and public policy support that better incorporate Kansas farms and communities into the state's healthy food supply chain.

KUHN releases New Optidisc® Elite cutterbar

Kuhn North America is excited to announce the introduction of the new KUHN Optidisc® Elite cutterbar.

Farmers strive to produce the best forage possible for their animals. The new Optidisc Elite cutterbar design has an even lower profile, while retaining the performance and reliability features of the original Optidisc cutterbar. Developed in partnership with farmers through testing in fields around the world, the Optidisc Elite cutterbar has the performance to meet today's demands for high-quality hay.

The Optidisc Elite's low profile cutterbar creates a smooth, clean cut with minimal ash incorporation due to a very flat cutterbar angle even at low cutting heights. Additionally, differential disc spacing utilizes narrower spacing at the diverging discs for extra knife overlap to create a clean cut even when the grass is short or light. Wider spacing of the converging discs provides more space for the crop to pass from the cutting area; improving the cut quality. Free-rotating Fast-Fit® knives also help enhance cutting quality and provide longer knife life.

KUHN's patented Protect-adrive® disc bearing stations are designed to shear outside the gear case upon striking a major obstacle, protecting the gears inside the cutterbar. The equal-sized gears in the cutterbar allow maximum power transfer with even torque loads across the full cutting width. Maintenance and downtime are minimized with a lubed-for-life design requiring no routine oil changes.

The Optidisc Elite cutterbar is now available on select KUHN GMD mowers and FC mower conditioners.

Kuhn North America, Inc., of Brodhead, Wisconsin, is a leading innovator in agricultural and industrial equipment, specializing in spreaders, mixers, hay tools, and tillage tools. KUHN, KUHN Knight, and KUHN Krause products are sold by farm equipment dealers throughout the United States, Canada, and many other countries.

Are we headed for a meatless future?

By Kasey Brown,
Associate Editor,
Angus Beef Bulletin

Is imitation really the sincerest form of flattery? Is that the case with "fake meat?"

Brad Morgan, senior director of protein at Performance Food Group, says production platforms for alternative proteins can be separated into four main categories based on their inputs and methods: animal cell culture; non-animal cell culture; recombinant proteins; plant-based proteins.

Morgan says many companies that are manufacturing these types of products are marketing them with the goal to replace animal-based meat. So, it may be imitation, but it's not sincere, nor is it flattery.

The dairy industry has already had to deal with this issue, competing against nut "milks," and now Motif Ingredients has raised $90 million to make plant-based dairy products with plant-based fermentation and emulsification.

Morgan says many companies that are manufacturing these types of products are marketing them with the goal to replace animal-based meat. So, it may be imitation, but it's not sincere, nor is it flattery.

Morgan explains that companies making alternative meat are financially sound at this point, and they have shown an 80% increase in this area. Granted, the resources used toward alternative meat are still a small percent of the business, but they are growing.

The Impossible Burger is commercially available now. It contains textured wheat protein, coconut oil, potato protein and heme from plants. The heme iron gives the "burger" the red juice to try to replicate the flavor of a juicy, grilled burger. A taste tester said it doesn't really taste like a burger, but it's not a bad alternative. However, if they want a burger, they'll just order a burger.

Morgan says progress is being made in the quality of these alternative-protein products, but that's mostly from a lab standpoint, not a commercial standpoint yet.

"Do we need to be defensive about these products? I think we need to be aggressive," Morgan says.

While he doesn't think these cell-based "meat" products will go away — their existence has been growing since 2013 — he is concerned about how they are labeled and marketed. One of the biggest issues is the fear marketing used, saying it's "clean," sustainable meat. They are claiming it improves animal welfare, public and human health because of antibiotic resistance, and environmental health.

Luckily, he says the term "clean" meat isn't legally allowed on packages, but that doesn't mean the term isn't still bandied around. He highlighted that only one company so far with alternate meat products — Memphis Meats —uses positive language. It's marketed as an alternative for vegetarians instead of demonizing the livestock industry.

There's a lot of hype around these alternative proteins, so much that Bill Gates has invested in it, and so have companies like Cargill and Tyson. Morgan says his contacts at those companies say they are doing so because they want a seat at the table so they know what is going on.

A large concern was the regulatory overview, but now it has been finalized that both the USDA and the U.S. Food and Drug Administration (FDA) will share jurisdiction. Morgan emphasizes that USDA's Food Safety Inspection Services (FSIS) inspections are more frequent and more rigorous than FDA's inspections, so he's pleased with the joint jurisdiction.

The livestock industry faces challenges of perception, so it's important to keep getting the word out about sustainable practices and judicial use of antibiotics, he urges. However, alternative-meat proteins face consumer acceptance issues, high product pricing and novel food-safety issues. These products have short shelf lives, so they can't be marketed in the meat case.

Morgan emphasizes that these products are gaining some momentum, though they do face challenges. He urges the livestock industry to keep a seat at the table.

Grass & Grain Weather Report — July 17, 2019

Seven Day Forecast

WEDNESDAY Partly Cloudy High: 94 Low: 77

THURSDAY Partly Cloudy High: 96 Low: 79

FRIDAY Sunny High: 98 Low: 81

SATURDAY Sunny High: 96 Low: 83

SUNDAY Sunny High: 94 Low: 86

MONDAY Sunny High: 97 Low: 89

TUESDAY Sunny High: 95 Low: 87

In-Depth Local Forecast

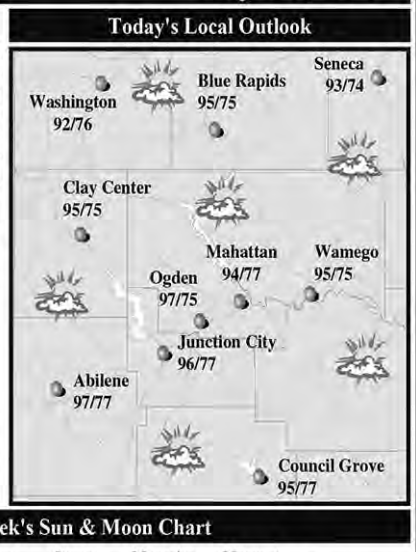
Today we will see partly cloudy skies, high temperature of 94°, humidity of 46%. South wind 3 to 8 mph. The heat index for today could reach up to 99°. The record high temperature for today is 105° set in 2006. Expect partly cloudy skies tonight, overnight low of 77°.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
7/5	85/71	90/66	0.15"
7/6	85/73	90/67	0.07"
7/7	89/71	91/67	0.00"
7/8	90/74	91/67	0.00"
7/9	93/70	91/67	0.47"
7/10	86/68	91/67	0.28"
7/11	86/65	91/67	0.00"

Rainfall	0.97"
Normal rainfall	0.97"
Departure	0.00"
Average temp	79.0°
Average normal	78.8°
Departure	+0.2°

Today's Local Outlook



This Week's Sun & Moon Chart

Last 7/24 — New 7/31 — First 8/7 — Full 8/15

Day	Sunrise	Sunset	Moonrise	Moonset
Wednesday	6:14 a.m.	8:50 p.m.	9:40 p.m.	6:48 a.m.
Thursday	6:15 a.m.	8:50 p.m.	10:16 p.m.	7:45 a.m.
Friday	6:16 a.m.	8:49 p.m.	10:49 p.m.	8:43 a.m.
Saturday	6:16 a.m.	8:48 p.m.	11:18 p.m.	9:40 a.m.
Sunday	6:17 a.m.	8:48 p.m.	11:45 p.m.	10:37 a.m.
Monday	6:18 a.m.	8:47 p.m.	Prev Day	11:34 a.m.
Tuesday	6:19 a.m.	8:46 p.m.	12:11 a.m.	12:31 p.m.

Local UV Index

0-2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11+

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

Weather History

July 17, 1934 - One of the worst heat waves in the history of the nation commenced. During the last two weeks of the month, extreme heat claimed 679 lives in Michigan, including 300 in Detroit alone.

Growing Degree Days

Date	Degree Days	Date	Degree Days
7/5	28	7/9	31
7/6	29	7/10	27
7/7	30	7/11	25
7/8	32		

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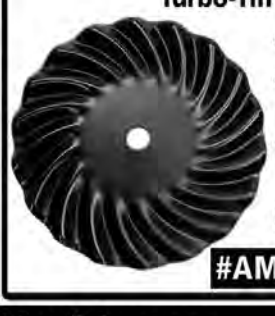

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Sell At St. Marys

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

We sold 748 cattle July 9. Steer and heifer calves sold $3.00-5.00 higher than two weeks ago. Feeder steers and heifers were $4.00-6.00 higher. Cows and bulls sold steady to $2.00 higher.

STEER CALVES
1 blk str 520 @ 164.00
2 blk strs 435 @ 160.00
1 bwf str 450 @ 160.00
1 blk str 350 @ 155.00
3 blk bulls 408 @ 154.00
4 blk bulls 463 @ 152.00
4 blk bulls 514 @ 151.00
2 red strs 375 @ 149.00
1 blk str 510 @ 149.00
9 blk/red strs 529 @ 146.00
3 red strs 528 @ 145.00
2 red bulls 520 @ 145.00
5 blk bulls 473 @ 142.00

STOCKER & FEEDER STEERS
3 blk strs 563 @ 160.00
27 blk/bwf strs 683 @ 158.00
1 bwf str 555 @ 151.00
6 blk/char strs 676 @ 151.00
1 blk str 630 @ 148.00
5 red strs 644 @ 147.50
2 blk strs 625 @ 145.00
2 blk strs 655 @ 143.50
57 blk/bwf strs 925 @ 143.25
3 blk strs 742 @ 143.00
2 blk/sim strs 860 @ 137.50
21 blk/bwf strs 890 @ 136.75
57 blk/char strs 947 @ 135.25
15 mix strs 913 @ 128.75
3 blk strs 750 @ 127.50
60 mix strs 996 @ 127.00

HEIFER CALVES
1 blk hfr 395 @ 150.00
4 blk hfrs 448 @ 148.00
10 blk hfrs 503 @ 148.00
11 blk hfrs 498 @ 147.75
1 blk hfr 275 @ 147.00
2 red hfrs 338 @ 146.00
1 blk hfr 505 @ 138.00
1 x-bred hfr 515 @ 138.00
1 red hfr 400 @ 137.50

STOCKER & FEEDER HEIFERS
19 blk/red hfrs 597 @ 145.00
2 blk hfrs 675 @ 141.00
5 blk/sim hfrs 582 @ 139.50
1 blk hfr 580 @ 139.00
2 blk hfrs 648 @ 135.00
63 mix hfrs 731 @ 133.75
4 blk hfrs 703 @ 131.50
65 mix hfrs 772 @ 129.85
58 mix hfrs 844 @ 127.10
62 blk/bwf hfrs 830 @ 125.00

COWS
1 blk cow 1595 @ 79.00
1 bwf cow 1750 @ 78.50
1 blk cow 1470 @ 76.50
1 char cow 1555 @ 75.00
2 blk cows 1363 @ 68.50
1 blk cow 1020 @ 65.50
1 red cow 1070 @ 63.00
1 blk cow 1335 @ 62.00
1 bwf cow 1160 @ 61.00
1 wf cow 1030 @ 60.50
1 blk cow 1195 @ 60.00
1 blk cow 1285 @ 59.50
1 red cow 1180 @ 59.00
1 char cow 1215 @ 58.50
1 red cow 1170 @ 58.00
1 blk cow 1290 @ 58.00
1 blk cow 1275 @ 57.00
1 bwf cow 1010 @ 56.50
1 blk cow 1260 @ 56.00
1 blk cow 985 @ 55.50
1 blk cow 1510 @ 55.00
1 blk cow 1225 @ 54.50
1 blk cow 865 @ 54.00
1 blk cow 1180 @ 53.50
1 blk cow 1275 @ 52.50
1 blk cow 930 @ 51.50
1 bwf cow 1020 @ 50.00

PAIRS & BRED COWS
1 blk cow/cf @ 900.00
1 x-bred cow/cf @ 830.00
1 blk bred cow @ 650.00

BULLS
1 blk bull 1970 @ 88.00
1 blk bull 1335 @ 84.50
1 char bull 1560 @ 83.00
1 blk bull 2020 @ 80.50
1 blk bull 1350 @ 77.00
1 jers bull 1365 @ 72.50
1 blk bull 2015 @ 72.00

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR JULY 16:
• 35 blk Sim strs & hfrs, 550-650 lbs., vacc.
• 45 black steers, 825-850 lbs., off brome
• 75 black heifers, 650-675 lbs.
• 240 black steers, 800-900 lbs., off brome
• 220 blk red Angus strs, 850-875 lbs., off grass
• 120 blk bwf strs, 900-925 lbs., Northern origin
• 61 black crossbred steers, 925-950 lbs.

CONSIGNMENTS FOR JULY 23:
• 45 Angus strs & hfrs, 600-700 lbs., vacc.
• 130 blk heifers, 750-800 lbs., off grass

CONSIGNMENTS FOR JULY 30:
• 325 blk/Red Angus/Char steers, 825-875 lbs., off grass

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

FOR INFORMATION OR ESTIMATES:
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Website: www.rezaclivestock.com
AUCTIONEERS: DENNIS REZAC & REX ARB

Rezac Livestock Commission Company, Inc.
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