AFBF president Zippy Duvall stresses engagement in visit to Kansas and fail. There's value in

sas last week Zippy Duvall, president of the American Farm Bureau Federation (AFBF), told Farm Bureau members of Kansas they must remain engaged at every level to succeed.

"I want everyone to know Farm Bureau is a three-legged stool," Duvall says. "County, state and national. Without one of those legs, we'll fall over

connected to the reality of what members face on their farms and ranches every day.

Due to the

Memorial Day

holiday, delivery of

the June 1 issue of

Grass & Grain will be

delayed.

every level."

"I think for me to really represent the members, I've got to come out and listen to them, talk to them, see what they're

Duvall says his visit to

Kansas, like trips to other

states, is how he stays

concerned about so I can better represent them in Washington," Duvall says.

Duvall started his visit Wednesday holding a discussion with Kansas Farm Bureau (KFB) staff in Manhattan. He also received briefings from officials at Kansas State University's Biosecurity Research Institute and the National Bio- and Agro-Defense Facility and spoke with members of the Kansas Ag Alliance in addition to spending time with board members of the Chase County Farm Bureau.

In the afternoon Duvall and KFB President Rich Felts toured Morris County rancher Kevin Gant's Flint Hills property on horseback, and had candid discussions about taxes, climate policy, infrastructure and livestock marketing, among other items.



American Farm Bureau president Zippy Duvall stressed the importance of staying engaged at every level for the organization to be successful. Courtesy photo

Felts says Duvall's visit, including his conversations with KFB's board of directors, shows the connection rural Kansas has to the organization's leadership in Washington, D.C.

"It's so important for the president to see what's going on at the grassroots level so he can take those communications to our elected officials and others," Felts says.

Duvall says the only way agriculture will resolve the issues facing it is by looking forward.

"In regard to how you feel with what happened

with the election or who's serving in Congress, the challenges are in front of agriculture, and they were going to be there anyway," he says. "The only way we can be sure they turn out in a positive way is to be

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New study contributes to false narrative around animal agriculture

A new study claims air pollution from farms leads to over 17,000 deaths per year. According to research published in the Proceedings of the National Academy of Sciences, animal agriculture is the worst emitter, responsible for 80% of deaths from pollution related to food pro- ${\it duction}, {\it Drovers} \ {\it reports}.$

"The misleading nature of this study contributed to the false narrative around animal agriculture. Overall, the study — based on non-peer reviewed modeling and estimates — attempts to cultivate a misleading narrative that ammonia emissions from farms are responsible for thousands of deaths,' Ethan Lane, NCBA vice president of government affairs, said in a statement.

The study, led by researchers at the University of Minnesota, Carnegie Mellon University, Oxford University, the University of Washington and the University of Illinois, said that damages driven by ammonia are mainly from livestock waste and fertilizer application. Primary fine particulate matter was also cited as a major contributor, largely from tillage, livestock dust, field

burning and fuel combustion in agricultural equipment use.

"There are currently no federal emissions estimating methodologies for agriculture, which draws into serious question the accuracy of this study, one that plays fast and loose with the idea of cause and effect," Jim Monroe, National Pork Producers Council vice president of communications, said. "This is a highly suspect study that irresponsibly draws conclusions based on nonpeer reviewed modeling and estimates.'



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We had a light run of cattle for our sale held Friday, May 21st, with not enough cattle of any class to fully test the market. A good run of weigh cows and bulls sold from steady to \$2 higher on the kind offered.

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Hoyt 7 Cross 510@170.00 Olsburg 540@158.00 6 blk Westmoreland 2 Cross 500@152.00 Pamona 2 Heref 540@131.00 STEERS — 650-700 LBS. Olsburg 8 blk 675@136.00 HEIFER CALVES — 350-550 LBS.

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1 blk

1 blk

1 blk

Westmoreland 1 blk 1255@60.50 Axtell 1 heref 1015@59.00 Westmoreland 1 blk 1325@57.00 Clay Center 1085@56.50 1 bwf St. George 1 bwf 1350@52.00

BULLS — 1,675-2,400 LBS. Leavenworth 1 Cross 1885@97.00 1685@96.00 Westmoreland 1 blk Alma 1 blk 2090@94.00 2395@93.00 1 blk Leonardville Desoto Frankfort 1 Cross 1120@51.00 1 blk 2185@89.50 Wheaton 1 blk 1260@42.00 Leavenworth 1 blk 1895@85.00

EARLY CONSIGNMENTS FOR MAY 28



SELLING AT 11:00 A.M.

 4 Holstein cows, 3, 4, & 5 years old, bred Holstein for Aug. 24 - October 24 calving period. All making 50# per day.

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 70 big blk bwf cows, 4-6 yrs w/ Angus sired late March & April calves, sold in lots to suit buyers needs. Calves have had 7 Way and banded. • 46 Gentle Northern origin blk cows, 25 with Angus & Char sired 2-3 week old calves, balance are heavy Springers and bred the same way.

- 21 choice reputation blk SimmAngus strs, weaned 60 days, 2 rds shots, 450-600 lbs.
- 62 choice reputation blk bwf feeder strs, 1 rd shots/ long weaned, 750-850 lbs.

SUMMER SCHEDULE:

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East Kansas Agri-Energy hosts plant tour for Governor Laura Kelly

East Kansas Agri-Energy (EKAE) hosted an hour-long tour and biofuels discussion with Kansas Governor Laura Kelly and members of her administration in Garnett on Wednesday, May 19, 2021.

Renew Kansas Biofuels Association chairman and EKAE CEO/president Bill Pracht and vice president of Operations Doug Sommer facilitated the tour.

"It was an honor to walk Governor Kelly and Kansas Secretary of Agriculture Mike Beam through our plant explaining our process for producing biofuels and showing them first-hand our impact on

Garnett and the surrounding community," Pracht said. "As an industry, we've only ever requested a seat at the table with our decision-makers, but it means much more when they make an effort to put on a hard hat, walk around our facilities and speak directly to the people who work there."

Kelly, who has previously publicly acknowledged her administration's commitment to strengthen the biofuels industry in Kansas due to its environmental and economic benefits, relayed her admiration for the industry's resilience throughout the tour.

ergy is on the cutting-edge of clean fuel production,' Kelly said. "We will continue to partner with EKAE and additional stakeholders to make Kansas a national leader in ethanol and renewable diesel production."

EKAE converts more than 16 million bushels of corn a year into more than 45 million gallons of fuel grade ethanol. Along the way, the plant produces more than 200,000 tons of distillers grains, in both wet and dry form, for livestock producers every

Producing more than



Governor Kelly recently toured East Kansas Agri-Energy LCC's ethanol and renewable diesel plant in Garnett, Kansas. East Kansas Agri-Energy LCC was the first ethanol plant in the world to add a renewable diesel plant. Currently, there are 12 ethanol plants in Kansas, which produce 610 million gallons of ethanol fuel annually. Accompanying the governor were Secretary Mike Beam, Kansas Department of Agriculture; Bill Pracht, President and CEO of East Kansas Agri-Energy; Ron Seeber, President and CEO of Renew Kansas Biofuels Association; Greg Krissek, CEO of Kansas Corn Growers Association; Doug Sommer, Vice President of Operations at East Kansas Agri-Energy; Jacob Debolt, Ethanol and Renewable Diesel Plant Manager at East Kansas Agri-Energy; Josh Roe, Vice President of Market Development and Policy at Kansas Corn.

just ethanol, the tour also included a behind-thescenes look at EKAE's newest innovation, a renewable diesel plant churning out renewable diesel from the corn distillers oil al-

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ready produced from the ethanol-making process.

"We are always thrilled when our elected officials, especially the governor, are supportive of our members and their busi-

HitchPin

nesses," said Ron Seeber, Renew Kansas Biofuels Association president and CEO. "Our enthusiasm goes to another level when they take the time to actually go visit a plant and ask detailed questions about how their policies are af-

fecting our members." **EPA** administrator won't go back to Obama

WOTUS rule EPA administrator Michael Regan said he does not intend to revert to the Obama-era Waters of the United States (WOTUS) rule, Feedstuffs reports. However, Regan did say that changes to the new rule developed under the Trump administration are warranted, but he remains committed to engaging with the agricultural communi-

"We are going to set up a structured stakeholder engagement where we actually sit and listen to those who are impacted by regulations," Regan said.

New premium pork line available at **Target**

The Chairman's Reserve premium pork product line from Tyson Foods can now be found in 49 Super Target locations in seven states, including Kansas. The four new products include a tomahawk chop, tenderloin medallions, ribeye chops and New York chops. Product labels include proper nomenclature and the 145 F cooking temperature rec-

ommendation. This is the first time the tomahawk chop will be offered at such a large scale by a major retailer. The smaller package sizes align with market research findings shared by the National Pork Board (NPB) that consumers are looking for unique items and inspiration at the grocery store. NPB shared these insights with Tyson Foods last year.

Target will promote these new premium pork products via digital ads directing consumers to an online product page where they can use the "Find in Store" feature, as well as influencer marketing. NPB will support the launch later this summer.



Get your ads for Grass & Grain in on time!

Finalized ads must be received before: 1st Section ads: 12:00 p.m. Wednesday Classified Liner & Display ads 10 a.m. Friday

All other Display ads:

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SUNDAY, JUNE 6, 2021 – - 9:30 AM

Auction will be held in Kenwood Hall at the Saline Co. Expo, 900 Greeley, SALINA, KS **FURNITURE, ANTIQUES** curio cabinet; wall curio cabinet;

& COLLECTIBLES Pine step back cupboard; pine wash stand: love seat: walnut curio cabinet w/marble top; drawer oak commode; oak 3 drawer commode; walnut commode; 4 section oak stack bookcase: 20's bookcase; oak parlor table; 5 drawer pine chest; poster bed w/highboy; 20's walnut desk; vanity dress-

er; oak pattern rocker; corner

ladies desk; sofa table; end table; floor safe; 3 drawer watch cabinet: iron single bed w/box springs & mattress; Hundreds of pieces of glass: Jadite; Fire King: Tulip; Blue; Green Depression; Red Ruby; White; Clear; Moon Stone; Lamp collection many miniature; Clock collection, mantel, wall, alarm, other; pocket watches; carousel collection; cat collection; wooden

churn; wooden coffee grinder toy cast iron stove; dolls; Crown water cooler; black powder rifle & pistol; pellet guns; newer electric trains; coin books; assortment sewing items; large assortment Christmas; cook books; popcorn machine; exercise bike; grill; extension ladder; aluminum step ladder; yard cart; John Deere snow blower; assortment hand tools; very large amount of other items.

Note: The Olson's collected glass for many years. This is a very large auction. Check our web site for pictures at www.thummelauction.com **JERRY OLSON ESTATE & KANDIE OLSON**

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REAL ESTATE & PERSONAL PROPERTY AUCTION

THURSDAY, MAY 27, 2021 — 9:30 AM

LOCATION: 502 S. Shepherd St. - SYLVIA, KANSAS 67581



VEHICLES: 1948 (Stubby) 5700 Chevrolet Truck w/ 60k miles (ok); 2008 Toyota Corolla (engine-as is). BUILDINGS: 20' x 22' All Metal Carport; 10' x 12' All Metal Garden Shed.

TRACTOR, 3-PT EQUIPMENT AND MISC. FARM ITEMS: M Farmall w/ Loader; 6' Tiller; 8' Box Blade; 6' Box Blade w/ Rippers; 7' Whirlcut Mower; 6' Blade; 2 Row Planter; 7' Springtooth; 7' Disc; 3 Blade Sweep Plow; 7' Field Cultivator; 3 Bt Pull Type Plow; 1 Bt Sulky Plow; 1 Bt Walking Plow; Cement Mixer; Trailer Winch; 3 Pickup Bed Trailers; T Posts; Pump Jacks; Old Implement Seats; Wheelbarrows

on Steel; Misc Tires; Floor Jack; Large Quantity of

LAWN & GARDEN: 6' x 10' Lawn Mower Trailer: Small Lawn Trailer; Craftsman 6 Speed 42" Riding Mower; Garden Cultivators; Fishing Supplies; Firewood; Misc Lawn and Garden Hand Tools; Pet Carriers; Patio Furniture; Steel Lawn Art; Old Iron

HOUSEHOLD AND COLLECTIBLES: Kenmore Elite Washer and Dryer (like new); 2 Kenmore Upright Freezers; Galorie Refrigerator; Kenmore Sidex-Side w/ Door Dispenser; Dining Table w/ 6 Chairs; 2 LazBoy Recliners; Glider Rocker; 4 pc Queen Bedroom Suite (nice); 3 pc Bedroom Suite; Piano; Elna Quilting Machine; Large Selection of Material and Quilt Blocks; Misc Chairs; Entertainment Center; V1Z10-ECO 108P Flatscreen; Bookshelves; Knee Hole Desk; Sofa; File Cabinets; Lamps; Card Table and Chairs; Lots of Books; Silverware; Pots and Pans; Crocks; Cookware; Misc Glassware; China Sets; Pyrex Dishes; Office and Cleaning Supplies plus many more items not listed.

NOTE: Everything sells from wall to wall, plus a very nice split level home & extra city lots. For more info on the Real Estate go to rigginhomes.com or call Morris Yoder Auctions for a private showing. SELLERS: NAOMI HALL - HENRY HALL ESTATE For photos go to auctionzip.com

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self-leveling ldr. w/joystick control, newer rear tires, cab heat, air, 16 spd. power quad trans. ready to go to work; JD 4650 FWA duals full. front weights, 8000 hr, 16 spd. powershift w/hitch, runs great; CIH Diesel 495, 3PT wide front canopy, low hr tractor w/dual hyd remote AC D17 series 4, dual hyd, wide front; AC D17 wide front; 2 ACWU 45 runs & looks glood; 15 620 3PT. TRUCKS / TRAILERS /BOATS/ UTV ATV: '13 JD 825 Gator, 4x4, electric dump; '91 Chevy 8500 single axle, auto., 10' rock bed & snow plow; '98 GMC 1500 ext. cab, 4x4; '00 Ford F 250 4x4 w/Besler arm bed, 148K, V8, 5 spd., AC runs great; '97 Ford 4x4 short bed, 160K, no rust, runs great; '02 Dodge Ram 1500 4x4 runs great bas girst 16 CN strock fur ready. 4x4, runs great, has rust; 16' GN stock trlr., ready to use; '00 Bee 4 Horse GN show trail & ride trlr wiliving qtrs, roof air, & collapsible rear tack; Used GN 7 bale in line Rhino hay trlr.; New 7 bale GN Flipper in-line hay trlr.; 2 shop built HD GN hay trirs.; GN 22" flat deck trlr.; Nice steel motorcycle trlr. w/ramp gate, low pro; Knapahide skirted flatbed w/toolboxes for dual whl pick up; Nice 150 GR flust trl. w/cymps 2002 leveder best Shiled halded wyburnby. 90's Invader boat & trit. w/inboard V6 motor, always shedded, runs/looks great w/paperwork; 95 Ford Mustang fox body; Pop-up camper w/roof mount ac; 55 Chevy pick up bed stepside trlr.; '02 Ford Ranger Chevy pick up bed stepside trir; t2V Ford Hanger reg cab, auto, 4 cyl, new tires, 1 owner just upgraded, 125k; Arctic cat ATV 2wd runs great new tires; '14 Schwartz's 6.5x 15' UTV tandem axle trir., w/ramp gate. EQUIPMENT: JD 946 MOCO 13.5' center pivot disc mower flail cond., new bar 2 seasons ago; JD 535 big nd. baler w/net & twine; JD 285 3PT, 9, disc mower; 2-JD 260 3PT disc mower; JD 1219 MOCO; JD 3PT tab bay tzek: MIJ 409 12' MOCO opport. 6'Ill 1100 pto hay rake; NH 499 12' MOCO good; ClH 1100 PT 9' sicklebar mower; 2-IHC 35 Hyd drive hay PT 9' sicklebar mower; 2-IHC 35 Hyd drive hay rakes; Claas Rollant 66 big rd. baler net & twine, low bale ct., shedded vg; IHC 3450 rd. baler; 8x30 Feterl grain auger ptio or gas eng.; JD 350 manure spreader ready to work; NH 516 manure spreader, DB 8300 double disk drill 10' specing 13 shank NH 3PT app cold flow good; NH 352 9' 3PT sicklebar mower; NH pt Sicklebar mower; IHC 490 25' disc good; New 10' box blade hyd lift; Keewanee hyd fold disks; 350 Bushel grain cart; Parker gravity box w/HD JD running gear; Under car conveyor stainless steel w/3 phase Under car conveyor stainless steel w/3 phase motor; Several 3 PH liquid pumps & motors; Ac 9 pull type disks; 3PT disks; 3PT forklift mass & forks; 2-7 3PT Brush cutters JD & Rhino; Land Pride 3PT finish mower vg: House 3PT PTO 12 phase 3PT PTO Pride 3P1 Intils mower vg; House 3P1 PT0
Rotary tiller vg; AC 7' snap coupler rear blade; AC
2 bitm plow, AC 2rw planter, Big ox 3PT blade;
Hyd 3PT blade hd; JD 510 baler; NH851 chain
baler; IHC #47 baler w/Farmhand 8 bale accumulator & bale fork; JD 7000 planter 4rw no till;
AC Snap coupler to 3PT adapter, Speedco 3PT
post hole digger 12"; 3PT 7 shank Pasture renovator; 400 Bushel grain cart; Prefert 3PT 6' box

LIVESTOCK EQUIPMENT: 2-WH liquid feed tanks; Hog & cattle panels; 40+ pipe post; Various lengths stick pipe & sizes; COX creep fdr.; 20' Heavy duty free standing panels som w/gates; Portable loading chute; 3PT bale un roller: 4-10x20 steel livestock shelters: 3-20' a Toller, 4-1022 see investors steller, 2021 Several 10 gates & feed bunks; Pick up stock racks; 3 Ton red portable feed wagon tandem axle. SKID STEER ATTACHMENTS: Low 750 Skidsteer post hole digger 12" bit; Walk-through 5250 LB Skidsteer pallet forks; 5500 LB Skidsteer Pallet; 72" & 84" Tooth skidsteer LD Skrusted Pallet, 72 & 64 10011 Skrusted blockets; USA heavy duty rock & brust papples; Skidsteer 2 spike heavy duty bale spike; Shop built heavy duty tree & post puller. MISC.: 390-616 24x5; Several sheets of used galvanized tin 8; New tin; Other dimensional lumber; SA 200 Lincoln pipeline welder on thri; Wheel wghts, front weights; Fire pit rings; AC three-point snap coupler adapter; Excavator bucket; Fuel tank 110; Floatation tires, c turf tires & rims; Under bed toolboxes; 110 & 220 window AC units; 8x14 Garden shed need some repair; Niagara 35KW-20 KW PTO generator; New three phase 2 hp elc motors; New 1.33 hp elc motors; 802x4 8'; 16 2x6 8'; 15 Sheets 3/8 plywood; New Predator 8750 generator; New Predator 708 mL gas eng. 22 hp lawnmower replacement motor. TOOLS & FARM RELATED ITEMS FROM THE KENNY CATTRELL ESTATE: Farmall C tractor w/ldr. & Belly mount mower; Many hand-tools from the small eng. repair shop; Livestock equip. & small farm items; Several primitives milk cans & other; Vincent Gast will be selling 21 Tractors, plows disk cultivators, & lots of JD parts at this auction-mini tractors have been stored in the shed. Various conditions, some plows, pull type mounted & 3PT; JD Cultivators & spring tooth all sizes; JD-2rw planter pt; IHC Carpy lander pt; Brillion culpacker; Hay Conveyor; 3PT lister. JD 38 mower, flair box wagon; Hc wheat drill & more. LAWN AND GÂRDEN: Country clippers ZTM; Convertible zero turn walk behind; Commercial mower, Kubota G2160 diesel Jeun. Teater resource. Conschoore ZTM. diesel lawn tractor mower: Grasshopper ZTN Dines ZTM; Craftsman mower; Cub Cadet ZTM; Simplicity ZTM.

stored in the shed. various conditions, some running, some would run w/a little work, some need tires, & some have new tires: 4-JD Hs; 4-JD As; 2-JD As-unsettled; 4-JD Bs; 2-JD Ds; 2-Farmall Regulars on steel; Farmall H; Lots of JD parts, heads, blocks, & more; Rebuilt mags; 3-sets of JD steal whils; EZ flow seeder; 2-HD plow disk, 2 disk & larger; Farris whil bale ldr.; New & used tires; Several JD plows 1234 bitm playes, pull hype mounted & 3PT: ID Cultivators

Many more items expected & accepted until Friday, June 4, 5 pm! Will be running 2 rings most of day - Lunch available!

TERMS: Cash or approved check, ID required to register. Bidding will be by number. Statements made sale day take precedence over printed material. Not responsible for accidents or theft.

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Tillage **Farrier Services** Cattle Gathering Spraying Livestock Hay Equipment ..And More! Download the free Use code iPhone app! For Android GRASSGRAIN or desktop, use for a discount. Also www.hitchpin.com benefits Grass & Grain SATURDAY, JUNE 5, 2021 — 9:30 AM **6587 US HIGHWAY 159, EFFINGHAM, KS 66023** 2 miles East of EFFINGHAM, KS on US Hwy. 159 TRACTORS: JD 6400 FWA 7K hrs 640 JD blade; King cutter 5' 3PT mower; NH 451 3 point blade, Nilly Cutlet 3 SPT Hower, Nin 431 3 John Sicklebar mower; 8' Walden dozer blade; Universal mounts, was on a line tractor; AC post hole digger snap Cupler; AC carryall AC 2 bitm plow; AC small rd. baler; JD 400 grind/mix; NH 847 Chain Baler; GB 110 QT Idr. for NH 8630 tractor.

African Swine Fever Virus vaccine candidate now produced in a cell line

The U.S. Department of Agriculture's Agricultural Research Service (ARS) announced earlier this month that an African Swine Fever Virus vaccine candidate has been adapted to grow in a cell line, which means that those involved in vaccine production will no longer have to rely on live pigs and their fresh cells for vaccine production.

"This opens the door for large-scale vaccine production, which is a valuable tool for the possible eradication of the virus." said senior ARS scientist Dr. Manuel

African Swine Fever is known to cause virulent, deadly outbreaks in wild and domestic swine, causing widespread and lethal outbreaks in various countries in Eastern Europe and throughout Asia.

African Swine Fever is not a threat to humans and cannot be transmitted from pigs to humans. However, outbreaks have led to significant economic losses and pork shortages on local and global scales.

No commercial vaccines are currently available to prevent the virus from spreading. There have not been any outbreaks in the United States, but it's estimated that a national outbreak could cost at least \$14 billion over two years, and \$50 billion over ten years.

This discovery, highlighted in the Journal of Virology, overcomes one of the major challengVirus vaccine. The newly developed vaccine, grown in a continuous cell line - which means immortalized cells that divide continuously or otherwise indefinitely—has the same characteristics as the original vaccine produced with fresh swine cells.

"Traditionally we used freshly isolated swine cells to produce vaccine candidates and this constitutes a significant limitation for large-scale production" said senior ARS scientist Dr. Douglas

Gladue. "But now we can between the U.S. Departretain the vaccine characteristics while simultaneously replicating the vaccine in lab-grown cell cultures. We no longer have to rely on gathering fresh cells from live swine."

The continuous cell line vaccine candidate was tested in a commercial breed of pigs and determined to be safe, protecting pigs against the virus. No negative effects were observed.

This research was supported in part by an interagency agreement

ment of Homeland Security and the U.S. Department of Agriculture. Some of the scientific personnel were part of the Plum Island Animal Disease Center Research Participation Program, administered by the Oak Ridge Institute for Science and Education. All animal studies were performed at the Plum Island Animal Disease Center, following a protocol approved by the Institutional Animal Care and Use Committee.

Wheat Foods Council tackles questions from consumers in new video series

do consumers want to know about wheat? The Wheat Foods Council is answering common questions in a new series of short videos featuring wheat expert Brett Carver, Ph.D.

Carver is the wheat genetics chair in agriculture at Oklahoma State University. During the video series, he will discuss how wheat has changed over the last 100 years, the difference between wheat breeding and GMOs, gut health and more.

The first episode now available at https://www.youtube. com/watch?v=48ad1GdenSE&t=8s — answers the question: If you stop eating bread to cut carbs, what else do you lose?

"There's a lot of good stuff in that kernel of wheat beside the starch," Carver explained in the video. "Starch is energy of course, but when we think about cutting out that wheat, we're cutting out a very important source of protein.

The primary source of protein in the wheat kernel comes from the endosperm — the middle layer. The endosperm also contains carbohydrates and small amounts of B vita-

When ground during the milling process, the endosperm yields what we in our heads envision as flour — the fine white powder added into our baking recipes. As a result, this protein benefit comes in both enriched and whole wheat products.

"Plant-based protein provides protein to the world," Carver explained. "Another is the fiber the fiber that resides in those outer layers of the kernel and the bran lay



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ers, which we would then pick up through a wholewheat product. And that's a very important part of our diet.'

Whole wheat products are made using the entire kernel of wheat, not just the endosperm. The bran, which is the outer layer, contains the most fiber. With this added fiber, having whole wheat products in the diet protects against diabetes, helps prevent coronary heart disease and improves gut health.

But the dietary benefits of wheat foods do not stop

"Then there are phytochemicals," Carver said. "They are health compounds basically that reside naturally in the wheat kernel. There are antioxidants so we have therefore some protection of our cardiovascular

"There are other compounds that are cholesterol-lowering like sterols. There are about half a dozen classes of vital chemicals that exist in that kernel of wheat that you can pick up through a whole wheat product that is very healthy."

Many of these compounds are found in the innermost part of the wheat kernel — the germ - which is a rich source of trace minerals, unsaturated fats, B vitamins, antioxidants and phytonutrients.

Between protein, dietary fiber and this host of other nutrients, wheat foods make up an essential part of the diet.

"We might be helping ourselves health-wise to cut on the calories on the start," Carver concluded, "but we might be hurting ourselves on the other side of that equation."

Stay tuned for answers to more consumer questions through the Wheat Foods Council, a leading source of science-based information on wheat and grain foods nutrition. Kansas Wheat is a member, along with grain producers, millers, baking suppliers, life science companies and cereal manufacturers.

Want to know more in the meantime or just hungry? Check out Eat-Wheat.org for information on wheat foods nutrition, recipes, farming practices and more.

Kansas farmers will harvest bountiful wheat crop

(AP) - Kansas farmers are expected to harvest a bountiful winter wheat crop this season, according to a government forecast.

The National Agricultural Statistics Service estimated that the Kansas wheat crop will come in at 331 million bushels, up 18% from last year's crop.

It forecast average yields in the state of 48 bushels per acre, an increase of 3 bushels from last year.

The agency also estimated that 6.9 million acres will be harvested in Kansas. That is 650,000 more acres of wheat than a year ago.

Its projections are based on May 1 crop conditions.

TUESDAY, JUNE 8, 2021 — 4:00 PM 112 Cloud Street in SCANDIA, KANSAS

4 WHEELER, BOATS, GOLF **CART, MOWERS & TRAILER** 2018 Polaris Ranger 570EFI 4x4 side by side, 1947 miles; 2012 Yamaha gas golf cart very good; Lund 16' boat w/50 hp Yamaha motor w/trailer; Bass Hound 10.2 2 man boat w/live well, Minnkota trolling motor w/trailer; foot control trolling motor; Tandem axle shop built heavy duty 6' x 10' trailer; Toro Timec'Jiter 55-4235 front deck mower; John Deere LX 279 riding lawn mower; Wheel Horse Electro 12 riding mower don't run; Snapper riding lawn mower.

MOUNTS, FISHING, **RELOADING EQUIP., AMMO** 6 deer mounts; 4 MEC reloaders; reloading dies; power loads; powder, shot, reloading equipment; Excalibur compound bow; several other bows; 4 deer blinds; 35+ fishing poles; split bamboo fly rod: reels: lures: jig making equipment; Large amount of ammo inc: 410, 12, 16 & 20 ga shells; 22, 22-250, 243, 357, 30-06, 45 ACP, 7mm, other ammo; knives; meat saws assortment traps; coolers; Red Ryder BB gun; deer horns; lanterns; ice auger; 2 dog training collars; assortment of other fishing, hunting items.

Powermate 6500 8125 generator; Stihl 034 AV chain saw; Hita-

TOOLS & OTHER

chi miter saw; Delta 4" belt 6" disc sander; Delta table saw; bench grinder: Craftsman stacking toolbox; DeWalt cordless drills; combination wrenches; sockets; large assortment of hand tools bolt cutters; C clamps; step ladder; winch; yard tools; Milwaukee weed eater; pickup tool boxes; wheels; tires; Golf clubs & balls; Wooden golf clubs; 5 gal Red Wing crock; records; ice cream freezer; cream can; cast iron pot; glass water bottles; pictures; camera's inc: Nikon; kitchen appliances; asst. of other items.

DEAN MILNER ESTATE

Note: This is a large auction. Dean had a large amount of fishing and ammo; He made golf clubs. His items are in good condition. Check our website for pictures www.thummelauction.com Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

Tuesday, June 8 @ 7:00pm Where: Brigitte's Cafe, 101 N. Broadway, Woodbine, KS

Directions: Take Rain Road south from Chapman to 1800 Ave., then east 2 miles to Trail Rd or 1 mi. west of Woodbine and 3 miles north @ Trail Rd/1700 Ave

Tract 1: The NW/4 and the N/2 SW/4 of 10-14S-4E, Dickinson County, less tracts. 164 Ac+/- of productive tillable on Carry Creek, 13 Ac +/- hay meadow, 8 Ac+/- in waterways. Tract 2: 1750 Trail Rd. to include 36 acres of timber/creek and meadow, Great HUNTING! Raise a family, retire, or make it your hunting lodge!

Open Houses May 16 and May 30 1:00-2:30PM Great farm in a great location on Carry Creek, this property would make an excellent addition to your operation or even a potential building site.

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Ray Swearingen - Broker

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ANTIQUES, PRIMITIVES, HOUSEHOLD & MORE AUCTION SATURDAY, JUNE 5, 2021 — 10:00 AM

LOCATION: 1805 2nd Street — WAMEGO, KANSAS 66547 * LUNCH! DIRECTIONS: Turn South off Hwy. 24 onto Columbian Rd & proceed approx. 1.0 mile to 4th St. then cross 4th St. onto 2nd St. Auction will be on the south side of 2nd St.



FURNITURE: Dressing table w/mirror, pair of smaller white clad coolers, wooden rocking chair, wooden topped dressing table, jewelry chest, footed sofa, secretaries desk wooden chair, wicker rocking chair, dresser, end table, nightstands, antique rocking chair, recliner, chest of drawers, white dresser, bookshelves, antique headboard and bed, antique nightstand, wicker bottomed chair, small dropleaf table, corner cabinet, vanity w/mirror, Ž drawered nightstand, distressed shelving unit, coffee table, pie cabinet Possum belly cabinet (very very clean), glass fronted display case, Very nice kitcher table, office desk, Chatauqua ice chest, tea cart, *many more items!* PRIMITIVES, HOUSEHOLD & ANTIQUES: Table lamp, antique pharmaceutical box

humpback chest, oil lamp, bird cage, graniteware, cardinal clock, braided rug, severa prints & pictures, antique hanging mirror, wall hanging décor items, VIZIO flatscreen TV. SANYO flatscreen TV, globe table lamp, stained glass fireplace screen, decorative picture frames, very old glass bottles, hall tree, lock & key décor, antique cookbooks, barn tin hall table, small milk cannister, Larabee's Sun fed Seeds pig, misc. knick knacks, rolling pins, egg tin, sadirons, Rescent miniature stove, reproduction rotary phone, match dispenser cast iron chicken door stop, marbles, candles, jars, windchimes, Happitime Cash Register Universal stove & oven, ladle collection, Western Stoneware 5 gal. crock, shelving units goose decoys, cement bird bath, whiskey barrel flower planter, Wheeling wash stand, milk cans, park bench, very nice set of dishes, gumball machine, much much more!

Carla had lots and lots of greenery and decorative flowers that will be offered

for sale as well. Multiple Quilts will be sold. More items are yet to be unboxed!

Terms of Sale: All items to be sold to the highest bidder except in the case of a reserve price set on the item by the seller. Auctioneer has no obligations to disclose reserve prices. All items are sold as is where is with absolutely NO implied warranties. Buyers are responsible for their property when Auctioneer says "sold". Buyers must have their own government issued ID at time of registration. All announcements on the day of sale take precedence over

advertising. Foundation Realty Represents the seller. **Terms of Payment**: All payments to be made before items are removed from the premises. Payments will be made in cash or with valid check. Any and all titles will be mailed out no sooner than 10 business days after the auction UNLESS buyer pays in full in cash the day of the auction. Any and all returned checks shall result in an additional service fee of \$50.00. **Presuming regulations allow we will be conducting this auction as planned.** If you are feeling sick, please stay home and get well. As much as we appreciate your support during this time we are much more concerned about your health! Social distancing will be practiced as best as possible at all Foundation Realty Auctions until Covid-19 ulations and guidelines are released.

AUCTIONEER'S NOTES: A very neat & clean selection of furniture, primitives, antiques & more brought to you on behalf of Larry Bolyard & his late wife Carla. Carla had a passion for antiques & primitives that was very strong & through the years amassed a large collection that we're proud to offer to you!

For questions call: MORGAN RIAT, REALTOR®/AUCTIONEER 785-458-9259

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SELLER: LARRY BOLYARD

morgan@foundationks.com Visit us at www.foundationks.com for more details & pictures!



SATURDAY, MAY 29, 2021 — 10:00 AM Morris County 4-H Building, 612 US Hwy. 56 • COUNCIL GROVE, KANSAS DIRECTIONS: 1 mile East of Council Grove on US Hwy. 56. WATCH FOR SIGNS

PICKUP & MOWER 1997 Ford Ranger XLT auto 4 cyl., 173,316 miles, runs good; MTD LT 1442 riding lawn mower. **GUNS**

Stevens Md. 820B 12 ga shotgun, pump; Crossman Pump Master

pellet rifle; several BB guns.

ANTIQUES & COLLECTIBLES Coins, Peace Dollars, Kennedy silver half dollars, silver quarters, Mercury dimes; wheat pennies & more: Cowboy boot lamps: painted buzz saw blade; kerosene lamps; SW decorations; Perfection heaters; 2 cap pistols: Fiesta & Frankoma pcs; several pottery pcs.; misc. glassware; George Strait collection; Nascar collection; metal dancing toy; metal Planters Peanut set; crock jug & jars; 33 records; Holstein cows collection; Coca Cola items: Gunsmoke billfold: Marlboro money clip; Donkey party game; guitar radio; child's

frigerator dishes; cowboy boots; quilts & fancywork; pitcher basin dresser lamps; SW coyotes; CI skillets; wire egg basket; CI chicken boot cleaner; crock brown bread bowl; ice tongs; iron floor lamps; vintage bride doll; glass washboard; small windmill; Chiefs football; kids' books; play station; JD toy tractors; grinder mixer, dump trucks & dozers; JD bale round baler, discs, wagons, skid loader; Atair game; Minnesota Viking football helmet; Star Trek Barbie & Ken; Roy Rogers puzzles; Kit Carson binoculars & other toys from 50s & 60s: basketball game; doll clothes; vintage x-mas decorations; baby stroller & chair; metal pink refrigerator & kitchen items toy, 50s; kerosene can; vintage stock saddle; horse collar; wood barrels; 4' windmill; pitcher pump; red wagon; milk cans; baseball gloves; 1950s girls bike; tubs; wooden ladders; steel wheels.

FURNITURE Walnut occasional tables; Gone with the Wind table lamps, electric; plant stand; tea cart; oak table & 8 chairs: oak bdr set. full size bed, chest of drawers, night stand & dresser with mirror oak occasional chair; Mission oak rocker: new lawver book case; wooden barrel table with 4 chairs; single bed; coffee table; end tables: metal cabinet: maple child's rocker; small roll top desk sewing machine in cabinet; child's wicker rockers. TOOLS & MISC. Hands tools of all kinds; Stihl

009L chain saw; welding table; log chains; MTD LT 1442 riding lawn mower; Craftsman 10" band saw; Craftsman 7" grinder; Duracraft bench grinder: Yard Machine 6½ hp self-propel mower: various power tools; hand tools of all kinds; fishing poles & tackle; various household items.

tea set, blue & white; Pyrex re-AUCTIONEER'S NOTE: This will be a large auction with several generations of items being offered. We ask that you wear masks and social distance so everyone can stay safe. Thank You. KARYL OSBOURN

Terms: Cash or Good Check. Not Responsible for Accidents. Statements made day of

auction take precedence over printed material.

Lunch Available

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Ramona, 13 Red

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Wilsey, 1 blk

Ramona, 1 Yellow

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1420@70.00

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1240@69.50

1325@69.50

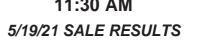
1304@68.70

1231@67.90

1382@67.30

1300@67.00

CATTLE SALE EVERY WEDNESDAY: 11:30 AM



1298@65.50



Herington, 1 blk 1450@66.50 Cncl Grve, 2 blk 1220@66.50

Herington, 1 bwf 1595@64.50 Hope, 1 blk 1295@63.50 Woodbine, 1 bwf 1170@62.50 BULLS

Tampa, 11 blk

Ramona, 1 blk 2140@96.00 Ramona, 1 Red 2250@77.00 **STEERS**

Ramona, 3 blk 687@140.50 Lnclnvlle, 60 mix 874@128.75 LncInvIIe, 57 blk 935@126.25 918@124.50 Lnclnvlle, 60 blk Tampa, 25 mix 934@123.00 **PAIRS**

Ramona, 3 943@1150.00

HEIFERS 778@126.50 Tampa, 66 blk

CALVES BY THE HEAD Cncl Grve, 1 blk 170@375.00

1165@66.50 EARLY CONSIGNMENTS FOR MAY 26

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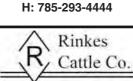
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K-State experts ask, 'What does health mean to you?

simple for each of us to determine what living a healthy life means. Maybe our first inclination is to choose a salad instead of a cheeseburger.

complex than that. They've recently rebooted a blog, called Health Means, to help people from all walks of life figure out the best way to live more healthfully – and in turn, improve the health of their families and communities.

"Simply put, we believe

Health Means is available online for free. Two new posts by K-State specialists are available each

Kiss notes that the effort involves several educators and researchers at Kansas State University with experience in many areas, including: Family life.

Child development. Youth development.

Family finances.

health policy.

policy basis, or an effect on policy or practices to come," said Sandy Procter, a K-State Research and Extension nutrition specialist. One example, Procter

noted, is making a decision on whether to be vaccinated or not, and the effect that decision may have on one's family or community. "Our goal might be to

Kiss said such topics as family finances and child**WANTED**

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ø emember GRASS

care cross over into health "We can think of the products and services that

It might initially seem

But a group of Kansas State University specialists believes it's a bit more

"When we started the Health Means blog, our goal was to start a conversation about health, including what health means to us and what health means to you. That's still our goal," said Elizabeth Kiss, a family resource management specialist with K-State Research and Extension.

that health is more than the absence of disease or illness."

Adult development and aging.

Healthy eating and active living. Community health and

"Some of the issues we are blogging about have a

talk about further-reach-

ing considerations and how important that can be to the people around you," she said.

we include in our spending plan that are related to health, such as insurance, prescription medications and going to the doctor. Those are all expenses that we have," she said.

"But there are also other choices we might make with our resources that can impact our health in other ways. Some of that is risk management. which could include wearing seatbelts, foods that we choose to eat and more. All of these things are resources that we have. Health is a type of human capital that we can invest in as individuals, families and as a society."

In her own blog posting recently, Procter noted that health means having access to quality food, and options for care and exercise, "including such aspects as healthy food or health care or resources like parks and the ability to have outside exercise

and safe walkways." Other factors playing into healthy living include access to affordable and safe child care, establishing a financial plan while young, mental health, and exposing children to healthy lifestyles when they're very young.

"All of these factors interplay and none can be taken away without affecting the whole as we're building health," Procter said. Kiss added: "While we

as Americans revere this idea of rugged individualism, sometimes we cannot act as rugged individuals. That's not enough. We have to act as members of a community.

"One of the things we do when we introduce our (blog) contributors is we ask them, 'What does health mean to you, in one word.' It means something different to all of us. When we think about setting goals and achieving them, they often start with dreams or visions for the future. So if we can get clear for ourselves what our individual vision of health is, all the different facets of that, and if we then talk about it. I think we can start to achieve that for ourselves."

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Keeping Things Lively General Sheridan's taken possession of Brad

General Sheridan's Winter Campaign against the Plains Indians during the winter of 1868-69 was hailed as a grand success, but taking all those soldiers on campaign had a devastating effect on Hays City businesses. The campaign just happened to coincide with the loss of the railroad business as frontier entrepreneurs moved on to the "end of the track" at Sheridan as fast as they could.

Hays City's government collapsed in late 1868. Ellis County Sheriff Isaac Thayer suddenly left his job, presumably because he wasn't being paid. He wasn't alone. Several county officers abandoned the bankrupt county. For reasons not fully understood. the governor refused to appoint a new county sheriff. Instead, the citizens of Ellis County would have to wait until November elections to select a new county sheriff.

With only one city officer the citizens of Hays City relied upon a vigilance committee to control the "...thieves, robbers and pickpockets." In May Charles T. Brady was captured by vigilantes after trying to appropriate money that was not his own. He had earlier been mustered out of service in the 19th Kansas Cavalry. He had deserted from the Seventh Cavalry after he shot another soldier. While serving in the 19th Kansas his previous desertion was unknown. After mustering out of the 19th he shot another man, was arrested, and escaped. The vigilantes were known to have taken possession of Brady, but that was all that was known until his body was found in a railroad freight car at the end of the line in western Kansas.

In that atmosphere Wild Bill was "elected" on the authority of the vigilance committee in August. Known outlaws were told to leave town. Joseph Weiss, a former deputy U. S. Marshal, was one of those running with a rough crowd that the vigilantes hoped to "clean out." A tough character by the name of Sam Strawhun was one of his best friends. Both Weiss and Strawhun were ordered to leave town by vigilante leader, postmaster Alonzo Webster.

Weiss and Stawhun entered the Post Office to confront Webster over the subject of their injured reputation. When a pistol cleared leather Webster raised his own six-shooter from under the counter. Weiss was shot "...through the bowels." Strawhun ran for his life.

Strawhun raised a gang of friends to take revenge on Webster. When the crowd reached the post office Wild Bill was waiting and announced that "The boy done right..." The mob dispersed.

But the "toughs" on the frontier weren't about to go away. On the evening of August 22, 1869, a character by the name of Bill Mulvey pulled his pistol and began shooting it wildly, even chasing several people around a Hays City dance hall. Wild Bill stepped into the dance hall and without hesita-

tion Mulvey put his pistol to Hickok's head. Wild Bill coolly looked behind Mulvey's shoulder and announced, "Don't hit him. He's only fooling." In the instant that Mulvey turned his head Wild Bill pulled his pistols and fired without hesitation. Mulvey never knew what hit him

out hesitation. Mulvey never knew what hit him.

Mulvey, like so many of his kind, was known to associate with horse thieves. Outlaws with the "long rope" were operating heavily near Fort Hays and all the military posts in Kansas. Several men were noted to be the ringleaders of a number of bands of thieves. Deputy U. S. Marshals were constantly on the trail of one outlaw or another.

Sam Strawhun, the survivor of the Weiss killing was suspected of being a horse thief and by all appearances ran with those whose reputation was not in doubt.

On September 27, 1869, Strawhun and a crowd of men entered a Hays City bar known as the Leavenworth Beer Saloon. The "hurrah" escalated with threats of vengeance against the Hays City Vigilance Committee. Hickok was called. Several versions are told of what happened next. Whether it was a face-to-face fight or a shot to the back of the head. Sam Strawhun didn't live to see the sun rise.

November finally rolled around and elections were held in Ellis County. Wild Bill lost his bid for county sheriff to another frontier tough by the name of "Rattlesnake" Pete Lanahan. By the following spring soldiers were returning to Havs City and the local economy began to rebound. John W. Conner. Ellis County Treasurer declared that, "Hays City will be lively this season..." And keeping things lively was just what a frontier town needed to keep the money flowing on The Way

"The Cowboy," Jim Gray is author of the book Desperate Seed: Ellsworth Kansas on the Violent Frontier, Ellsworth, KS. Contact Kansas Cowboy, 220 21st RD Geneseo, KS. Phone 785-531-2058 or kansascowboy@kans.com.

Boron: the forgotten (but important) micronutrient Page 19

a normal soil test, in fact, it's not part of an expanded soil test. Logically then, most farmers have no idea how much boron is in their soil, or even that's a nutrient of any concern. Boron is vital for a plant's cell wall and can affect many plant processes. Boron is necessary for canola and cotton production (not that we have much of either around here) and important for other dicots like alfalfa and soybeans. High production crops like corn and milo have a need for boron as well. However, here's the thing, of the small number of soil samples I've seen tested for boron, not one has come back sufficient. Southeast Kansas and eastern Missouri do not have a natural background of high boron. In this article, we'll cover the chemistry of boron in the soil, fertilization of boron, and what boron deficien-

Boron – it's not part of

cies look like in crops. Before too much alarm, it should be caveated that boron has not been well-studied in Kansas. It is hard to say just how much boron is needed in the soil for high-yielding crops and it seems that different state Extensions have different target ranges. Not to mention that research has a hard time showing yield response to corn and sovbean boron fertilization; however, soybeans are very sensitive to boron toxicity. Yield response to alfalfa has been easier to find. Boron is vital for crops, yet they only need a small amount, and too much is toxic. You can see why recommendations for boron are hard to pin down.

Boron in the Soil

To understand how to fertilize with boron, it is important to know how it works in the soil. First, boron is uniquely a non-ionic molecule (boric acid) in the soil and can move freely in the soil. Fortunately, it still adsorbs onto aluminum and

iron oxides, clays minerals, and organic matter. Most plant available boron comes from the breakdown of organic matter. Oddly, soils in southeast Kansas are deficient in boron vet have relatively high organic matter and clay content. Many areas across the country with high amounts of leeching are boron deficient. Because boron moves with water and largely comes from decomposition, drought can decrease availability of boron to plants.

Fertilization of Boron Fertilization of boron is mainly a concern of alfalfa, to a lesser degree in soybeans, and to some limited extent in corn. It is also more important in canola and cotton, if these less-common crops are grown. Research from Minnesota and Nebraska has shown that alfalfa has a better yield response to boron fertilization then a number of other crops. This is likely because of its cool season growth before organic matter breakdown has started to supply boron and certain other plant growth reasons. In soybeans, research is all over the place. A study in Nebraska shows that boron only helped yields in sandy soils. In Missouri, very little yield response. but in Arkansas, boron increased soybean yields in three of the four tested locations. Kansas research has also shown variable response to boron. In corn. some research has found positive yield benefits but

most show little response.
Putting it all together,
these boron fertilizer recommendations are agreed
upon:

- Fields below 0.5 to 1.0 ppm of boron are deficient
- Application rates are, at maximum, 2 lbs. boron per acre. Most research shows 1 lb. boron per acre is plenty. Any more than 2 lbs. and boron could become toxic.
- Boron is NOT to be banded. Do not plant any

grass crops (corn, milo, fescue, etc.) immediately after a boron application. Incorporation after application is best but can work in no-till.

• A 1 to 2 lbs. application rate will be plenty in our clay soils for a number of years and it should only be reapplied in future years after a soil test.

Boron fertilizer comes in both liquid and granular. Granular is easiest to get a hold of and is best mixed with DAP or potash for a more even application. The dry boron fertilizer might actually be borax; the same stuff people use to clean clothes or kill ants.

Deficiency symptoms

Visually boron deficient soybeans are rare. It is more likely to occur in sandy and low organic matter soils and in drought years. Deficient soybeans will have yellow, leathery, and cupped leaves on the new growth and growing points will be stunted or dead. There can however be hidden minor deficiencies. The symptoms in alfalfa are stunted yellow newer leaves, and the terminal buds can be discolored or dead (Figure 1). While more likely in alfalfa, in any crop, visual boron deficiency is unlikely and looks like a number of other nutrient issues.

We know that boron is important for crop growth and we know that many soils are deficient in this nutrient. However, yield response in some crops is unlikely, but could be a benefit in alfalfa and possibly soybeans. In any case, a pound or two of boron per acre is going to be a pretty cheap fertilizer in comparison, as long as care is taken in its application. Please give me a call or email if there are any questions over boron or soil fertility.

For more information, please contact James Coover, Crop Production Agent, jcoover@ksu.edu or (620) 724-8233.

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New Drought Center Dashboard steps ranchers through key questions

When faced with developing drought, ranchers often have questions. How severe is this drought? How long could it last? Is this as bad as the last drought we experienced, or is it the worst one? What are the chances it rains enough to produce normal forage over the coming weeks or months, and how much rain would be needed for a "normal" grazing year?

These are questions frequently asked by ranchers who have taken part in drought management workshops with the National Drought Mitigation Center and partner agencies, said NDMC rural sociologist Tonya Haigh. While many resources can help answer those questions, Haigh said they could be challenging to track down and sift through. Now, ranchers have a resource on the NDMC website that addresses a number of common drought condition questions on one map, in one place, including some map layers and management information specific to the Great Plains and southwest U.S.

The Ranch Drought Monitoring Dashboard aims to provide information that will help ranchers reduce risk ahead of time, Haigh said. The dashboard features the latest data on drought and precipitation conditions, outlooks, on-

the-ground reports, vegetative stress, forage productivity and more, organized around the key questions. A user who clicks on the question about drought severity, and how it compares to past droughts, is led to an interactive display that presents current U.S. Drought Monitor conditions and allows for historical comparisons. Other common questions lead users to other vital resources that can be displayed on a U.S. map, and used together, the map's layers provide a clear picture of current drought conditions and expecta-

"There's a lot of information out there, and sometimes it's challenging to figure out what you are supposed to do with all of it," Haigh said. "So that's why we organized this the way we did, to see if we can make the process easier by trying to tailor information that addresses specific drought monitoring questions that ranchers often ask. We worked with Extension offices, USDA Climate Hubs and other advisors in the field to select a set of key questions that specifically speak to range management issues that a rancher would use the U.S. Drought Monitor, Grass-Cast, VegDRI or another resource to answer."

Grass-Cast forecasts forage productivity in the upcoming growing season under below-normal. near-normal, and above-normal precipitation scenarios, based on nearly 40 years of data. The Vegetation Drought Response Index, or Veg-DRI, offers a weekly depiction of drought-related vegetation stress across the contiguous U.S. Along with those resources, the dashboard also incorporates monthly and seasonal precipitation outlooks. citizen science observations, and a collection of case studies for ranchers looking for drought management plan options.

Haigh said that, while many ranchers now have developed drought plans

for their land, one of the biggest challenges is determining when to put the plan in action. With these tools in one place, ranchers will have key information readily available for decision-making.

The Ranch Drought Monitoring Dashboard was developed by the National **Drought Mitigation Center** (NDMC) in collaboration with the USDA Northern Plains and Southwest Climate Hubs, with input by Extension and NRCS range experts in the regions, and funding support by the USDA Office of the Chief Economist. It was released to the public in April, at https://drought.unl.edu/ ranchplan/monitor.aspx.

43% of growers have medium to high corn nematode pressure in their fields, poll shows With corn planting nearly complete and commodity really start affecting yields. It's definitely a problem that responded had checked their fields for nematodes be

prices historically strong, growers' attention has shifted to closely monitoring emergence. Thin stands or uneven plant heights signal trouble, and according to the results from a recent grower poll by Pioneer, a potential cause could be corn nematode pressure.

In late April 2021, Pioneer surveyed U.S. corn growers, asking: "What is the corn nematode pressure level in your fields?" The responses from 448 growers across the country saw 32% answer "low pressure," 31% answer "moderate pressure," 12% answer "high pressure" and 25% answer "I don't know."

"More and more farmers are becoming aware of this problem and understand the need for knowing levels in their fields," said Mary Gumz, Pioneer agronomy science manager. "When I look at what they said about their nematode pressure, 43% have either medium or high nematode pressure — the level of pressure that can really start affecting yields. It's definitely a problem that responded had checked their fields for nematodes beneeds to be addressed."

Corn nematodes are parasitic worms that cause significant yield loss by damaging roots, impairing water and nutrient uptake and creating entry points for pathogens. The dry soils many farmers are experiencing only worsens the impact. For those growers with nematode pressure, Gumz shared three tips to help mitigate:

- 1) Control weeds. Many weeds can act as an alternate host for corn nematodes.
- 2) Rotate crops. Pioneer has found that in rotated fields, farmers were less likely to have high corn nema-
- 3) Use a premium seed treatment. Gumz recommends Lumialza™ nematicide seed treatment, which not only shield roots from nematodes, but also helps improve water and nutrient absorption.

Gumz says she is encouraged that 75% of growers who

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Due to death we will sell the following items at the Clay Centel Armory located at 12th & Bridge St., CLAY CENTER, KANSAS

FURNITURE & APPLIANCES (sell after antiques): Refrigerator

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Sleeper sofa; Other upholstered furniture; Contemporary bedroom

set; Lots of other BR furniture; Waterfall dresser; Lane cedar chest;

Lots of office furniture & supplies; DR table & chairs; Parlour table;

Various small tables & stands; Child's wooden rocker; Lg. Panason ic plasma TV; Toshiba LCD TV; Expanded metal patio set.

HOUSEHOLD GOODS & MISC. (sell first): Wall clocks; Pictures;

Lamps; Kitchenaid mixer; Lots of other nice quality kitchen appliances

& supplies; Books; Luggage; Lots of bedding; Quilts; Doilies; Towels;

Canning supplies; Ladders & yard items; Christmas decor; Lg. variety

GLASSWARE (sells last, maybe 2:00): Several nice Hull vases;

Sm. yellow Fiesta pitcher; Nice Candlewick pieces; American Fosto

ria; Correlle ware; Corning ware; French White; Frankoma; Fransis

can stoneware; Noritake; Lg. variety of other collectible glassware.
ANTIQUES, COLLECTIBLES & OLD TOYS, COINS (sell at 11:00)

Oliver 88 cast alum pedal tractor and 2 wheel cart; Tricycles, plastic

Big Shot truck, shoots darts; Variety of other 50s & early 60s boy's

toys; Old Higgins; Sears & Strato Chief bicycles; Nice walking culti-

vator; Rock collection; Lots of costume jewelry, some gold jewelry;

Watches; Silver dollars and other coins; Cast iron; Albums; Record

players; Emerson radio; TVs; Coleman camping supplies; Tubs;

fore but was still concerned about those who answered that they didn't know the pressure levels in their fields, especially in light of a recent field study she completed.

'My advice for them would be to take those soil samples for nematode pressure and get their soils tested," said Gumz. "Last year in southern Illinois, we did a large corn nematode survey, and found that 93% of fields had corn nematodes. So, farmers might be surprised at how much nematode pressure they already have in their

Growers can contact their local Pioneer agronomist to help accurately measure nematode pressure levels in their fields using soil sampling. More information on premium seed treatments for corn, such as Lumialz \mathbf{a}^{TM} nematicide seed treatment, can be found on Pioneer.com or by contacting their local Pioneer sales representative.

Build your own cages to protect tomatoes, says K-State expert Retail stores mean well, horticulture expert Ward reinforcing mesh, or wire. "Cages can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of storage can be made in one cage that is two feet up a great deal of sto

but most tomato cages sold for home gardeners are often too 'wimpy' for Kansas conditions, said Kansas State University

Fortunately, he adds, you can make much more sturdy tomato cages on your own, using concrete

Upham said concrete reinforcing mesh is nor-

mally five feet high, with the mesh forming six-inch squares. "The shortest rolls are usually 50 feet long, but some lumberyards will cut off just the amount you need," he said.

different sizes, but I like a two-foot diameter cage so I can space my tomatoes at two feet, and then use a T post between each pair to stabilize them in the wind," Upham said.

It will take about 6 1/2 feet of mesh to complete

one cage that is two feet up a great deal of storage in diameter, according to Upham.

"You will need to cut the mesh in order to make the cages; small bolt cutters work well for this," he said. "Be careful when cutting because the mesh comes in rolls that will spring back into a cylinder as the last cut is made."

The steps for making sturdy tomato cage include:

Count off 13 squares, then cut each horizontal wire at the end of the 13th square, leaving 12 complete squares horizontally with prongs on the 13th square.

Use the prongs to make cylinder by bending them over the vertical wire on the first square.

Cut the bottom horizontal wire to leave prongs that can be pushed into the ground. Drive a T-post into the ground and tie the cage to the post to help with stability.

"These posts will last for years, but they do take space when not in use,' Upham said. "If you don't have room for storage, there are heavy-duty tomato cages (available online) that will either fold flat or disassemble to make storage easier, such as Texas Tomato Cages, Titan Tomato Cage and various

"Regardless of what you use, tomato cages need to be staked if your garden is in a windy location."

Upham and his colleagues in K-State's Department of Horticulture and Natural Resources produce a weekly Horticulture Newsletter with tips for gardening and maintaining home landscapes. The newsletter is available to view online or can be delivered by email each week.

Interested persons can also send their garden- and yard-related questions to Upham at wupham@ksu. edu, or contact your local K-State Research and Extension office.



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Osborne introduces new Flow Pro feed bin agita tions per minute (RPM)

Inc., a leading manufacturer and distributor of livestock management equipment, is pleased to introduce its new product designed to solve the ever-present problems of feed bridging in bulk bins at livestock facilities and farms. Flow Pro, an automatic feed agitation system, uses a gently rotating agitator inside a bulk bin's boot to promote first in, first out, mass-flow of feed. The new product will be on display at the 2021 World Pork Expo,

June 9-11, at the Iowa State Fairgrounds in Des Moines, Iowa.

Unlike other feed bridging solutions commercially available. Osborne's Flow Pro system uses neither high-frequency vibration nor blunt impact to bin boots or collars to ensure continuous feed flow. Instead, Flow Pro's rotating agitator provides gentle agitation inside the bin boot as automatic feed delivery systems operate. The rugged auger making about 100 revolu-

- ensures continuous flow without compromising feed quality. Though the system provides steady and gentle agitation, clumps and compacted feed from high humiditv or moisture are easily destroyed before they reach feed lines, preventing plugging issues. Flow Pro also eliminates bin wear-and-tear caused by vibrating systems or impacting hammers and mallets. Independent product testing confirms first in, first out flow of a variety of feedstuffs, with no adverse effects on bins or performance of automatic feed lines.

Flow Pro is now available for bins of various sizes with both straight 30-degree boots. Simple system controls and sensors operate at 120/240 VAC and activate automatically and simultaneously with feed delivery systems. The Flow Pro system can be installed even with a bin full of feed, and system demonstrations of its op-

eration will be shown at

avoid planting red cedars in close association with apples, and vice-versa. When selecting cultivars to plant, choose those that are resistant to rust," Armbrust said.

A helpful publication, called Flowering Crabapples from Jason Griffin. director of the K-State John C. Pair Horticulture Center, lists many varieties of crabapple that show resistance to rust. Armbrust suggests choosing wisely to reduce the need to spray to control this disOsborne's booth V451 at World Pork Expo.

Osborne Industries. Inc., is a 100% employee-owned manufacturer and distributor of livestock feeding and weighing equipment. Products like the company's Stanfield heating mats, Big Wheel pig feeders, and ACCU-ARM portable livestock scales are recognized for their ease of use, quality, and longevity in the field. RFID-driven, advanced automated feeding and weighing systems, including TEAM electronic sow feeding

(ESF) systems, FIRE pig

ers, and Weight Watcher automatic growing and sorting systems for large pen finishing are used by leading production and genetics companies across the world.

For more information on Osborne products, including the Flow Pro automatic bulk bin agitator. please contact Osborne at sales@osborne-ind.com or visit www.osbornelivestockequipment.com. Flow Pro is covered by one or more patents (PAT //osborne-ind.com/ip) and is a licensed product of Fat Lump Buster, LLC.

Fungus takes aim at eastern red cedar trees in late spring

In late spring, especially after a rainstorm, the careful observer may notice alien-like orange, gelatinous objects attached to the branches of their eastern red cedar trees. A Kansas Forest Service official assures it's not the fruit of a mutant cedar - or Jell-O from Mars - but the spore-producing body of cedar-apple rust fungus.

"While a bit unusual looking, the fungus will not damage the red cedars," said Ryan Armbrust, forest health coordinator with the Kansas Forest Service. "However, when the spores land on a susceptible leaf or fruit on an apple, crabapple or hawthorn tree, the rust fungus infects the host. orange-brown

spots. The infection can lead to early defoliation, stressing the tree, and can sometimes damage the fruit."

If there is significant or repeated damage to the apples, crabapples or hawthorns, Armbrust recommends treating the trees with a fungicide in the spring when the fungus is producing spores on the red cedars.

He urges landowners to keep in mind that a product labeled for use on an ornamental crabapple may not be labeled for use on an edible-fruit-bearing apple tree.

Armbrust noted that it may be tempting to prune the red cedar branches that contain these spore-producing masses,

but that's not an effective way to control this disease. Extensive pruning can stress the tree, reduce the aesthetic value of the red cedar, and decrease its density and function as a windbreak. And even with significant pruning, cedar-apple rust galls will likely still persist throughout the tree.

Removing cedar trees in close proximity to apples and hawthorns may disrupt the lifecycle of the fungus, but be warned. According to Armbrust, the fungal spores can travel several miles from the original host tree, so removing cedars in the immediate area may not be adequate to protect the trees.

"The best bet is to

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'Keeping Groceries Alive' recordings now available online

ical businesses in rural communities, so what happens when a grocer is ready to retire or move on? Who takes over?

Put another way, how can rural communities ensure their grocery stores continue operating and providing essential ser-

vices long-term? These questions and more were answered in an eight-part webinar series, "Keeping Groceries Alive: Successful Ownership Transitions for Rural Grocery Stores," which ended in March. All recordings are now available to the public for free at www.ruralgrocery.org.

The webinar series was hosted by the Rural Grocery Initiative, a program supported by K-State Research and Extension to provide resources and help sustain independently owned rural grocery

"This webinar series ached more than 30 states across the country, including grocers, prospective grocers, economic developers, and community members who care about food access and the vibrancy of their towns," said Rial Carver, a program manager with the Rural Grocery Initiative. "This shows how relevant this topic is to so many people from different backgrounds and different

The series covered a range of topics related to grocery business transition planning, from market assessments to community-supported ownership models, with a goal of helping grocers and community members plan ahead so that they aren't faced with sudden grocery store closures.

Erica Blair, a program manager with the Rural Grocery Initiative, said that reopening a grocery store can be a major uphill battle. "Developing a business transition plan is a proactive step that prevents store closures in the first place, which is better for everyone involved,' she said. "Grocers benefit through greater financial stability, and communities benefit by maintaining a source of healthy food.'

The recordings now available online include:

Grocery Business Transition Planning Overview. **Understanding Grocery** Ownership Models.

Preparing for Business

Transition. Assessing Markets &

Community Needs. Planning your Business. Funding the Transition.

Recruiting Store Man-Mastering

Store Nuts and Bolts. Blair said a second phase of the project is

under way. Participants ing goals, and developing from seven rural Kansas communities have been accepted into the Grocery Business Transition Mentorship Program, which provides customized technical assistance related to grocery business transition planning. Program participants have been paired with mentors who will provide support by

identifying needs, clarify-

action steps.

The project is present-

ed in partnership with NetWork Kansas, the Kansas Rural Center, the Kansas Center for Business Transition, the Food Co-Op Initiative, and K-State Research and Extension. It is sponsored by the Ewing Marion Kauffman Foundation through the Heartland Challenge

LARGE ESTATE GUN AUCTION

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DORIS Mc BRIDE AUCTION

SATURDAY, JUNE 5, 2021 — 10:00 AM 1480 U.S. Hwy 75, BURLINGTON, KS 66839 * Food by Big B's BBQ ANTIQUE GAS PUMP: Gilbert Barker 176 Visible Glass Gasoline Pump (shedded). FARM EQUIP.: Bear Cat 1250 grinder mixer, hyd. driven (good shape, shedded); NH 1100 hydrostat 14' swather, 4 cyl Perkins mtr, runs & drives good; JD Model R ground drive manure spreader (good shape, shedded); JD grain drill FBB 17 hole, SD, (good shape, shedded); JD 224 WS wire tie baler (good shape, shedded), also 1 identical parts baler; sm. Sears 2 whl PTO auger wagon, (100 bu, shedded) used bale spears; JD flail mower 3 pt 6'; Bush Hog pop up bale load. er; JD wagon running gear w/hoist (needs repair); pull type dbl roller Brillion cultipacker; 8' Bush Hog hvy chisel plow (pull type); 2 harrows; 12' springtooth harrow; 9' 3 pt tandem disk; 12' IHC whl disk; 12' IHC vibrashank; 3 pt. calf mover; 3 pt Ferguson chisel 7 shank; 3 pt Dear born 2 btm plow; 3 pt JD 3 btm plow; 0ld Allis side delivery rake; old Int. basket rake; GT port. PTO grain auger 5"x36"; MF loader, hyd bkt, off 65 Massey tractor. **TRAILERS & TRUCK:** 50s 2 whl Ford pickup bed trailer (shedded); 5x12 sgl axle utility trailer w/fold down ramp; sm. 30"x4' utility box trailer on lawnmower tires; shopbuilt 4x6 utility trailer on lawnmowe ires; 78 Chevy pickup 350 4 spd, 2WD, salvage (bill of sale). HARNESS & HORSE EQUIP: #9 IHC horse drawn mower (shedded); 2 shovel wall behind horse cult.; 1 shovel walk behind horse cult.; 2 antique wooder spring wagon seats; harness; horse collars; hames; double trees, single trees, neck yokes; buggy shaft & parts; wooden wagon & impl. tongues lots of used horse shoes; tack, halters & ropes; 2 metal saddle racks; fly nets; hay nets; set of good eveners, enough for up to 12 horse hitch; sev. gals. Pure Neatsfoot oil. **FARM MISC.:** 50 bu. gravity feed bin on metal stand; sm. grain augers w/motors 10, 12 & 20'; grain dryer tube & motor 8'; factory squeeze chute w/Priefert head gate; 2 sm. 1 sided calf creep feeders; Good 8' port. metal cattle feeder on whis; 11x16 hvy iron frame w/gate for calf pen; 6 chain link horse stall panels; 1 lot used steel posts 4' panel gates; (7) 10' port. corral panels; (16) 12' port. corral panels w/2 whl moving cart; #8 Pride of the Farm pig feeder 10 bu; Ig. 6' oblong hog feeder; (3) 12' Prairie Products hvy metal feed bunks; (2) 11' Politron feed bunks; (13) 12' concrete U bunks; sev. bale rings & hay feeders; Turned Tractor tire feeders; 18 long pipe frame for flatbed trailer to hau lg. rnd. bales; 3 old style tall propane bottles; 55 gal. barrels w/hand pumps; other old tanks & barrels; 4 tier chicken cage; sev. wire chicker cages 4'x7'; wood framed chicken cage 3'x4 1/2'; misc. used lumber (some 4x4s); some very old walnut timbers & boards; lg. iron rack; misc. iron, misc. pipe, misc. beams; misc. scrap iron; port. loading chute w metal ramp (needs repair); tin culvert pipes 12"x20, 16"x20, 19"x20; sev smaller hvy metal culvert pipes; J.H. Day Co. hvy. iron vats on rollers metal frame for a swing set; 12' wooden ladder; tire chains; shopbuilt 3 p adapter; 5 Broyhill propane stock tank heaters; sev, old kerosene stock tank heaters; used 750-16 tires; fiberglass dog house; New Chicago elec. generator Model 90300, 9hp, elec. start; misc. tools & shop items elec. well pump; 8 hvy metal tomato towers; walk behind garden planter Garden Way trimmer on whls; MTD tiller 5 hp frt. tine; other misc. items ANTIQUES & COLLECTIBLES: iron wheels; milk & cream cans (some w/names); green milk can w/yellow impl. seat & JD decal; metal washtubs; galv. bucket; 2 tall galv. rnd. chicken feeders; wood egg crate; wood carpenter tool chest; wood boxes; Howe Scale Co platform scale; Fair banks platform scale; header knife for box wagon; rope block & tackles old barn pulleys; scythes; old hay knife; Louden's Whiffle Tree (paten Oct 1, 1890); push garden cult.; buzz saw blade; shoe last; old sleds lg. tongs; old miner's pick; 4 meat hooks; cattle hoof trimmer; collection of different old corn shucking hooks; Mobil metal grease bucket; metal traps #1, #2; rolls for player piano; Bartlett Mfg. Co sm. hand saw w old leather holster (for carrying on saddle); other misc. items. INCUBA TOR: GQF circulated air incubator, mdl 1202, cabinet type, 15 1/2"x3' 1/2"x31" long. Some Household & Misc. - see website for list! NOTE In case of rain, some household may not be put out; please call if interested in certain items if it is raining before driving to auction.

DORIS Mc BRIDE, OWNER Complete Sale Bill & More: www.kansasauctions.net/kurtz



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www.VOGTAUCTIONS.net **Jarrell & Mary Jones Antique** Personal Property & Home Auction

Memorial Day! Monday, May 31st 608 E. 1st Street Newton, Ks • 10:00am

One Day live on site Auction. Starts 10am. Guns & Ammo Sell at 12 Noon. Real Estate to be auctioned at 1pm.

GUNS: Remington 700 Collection: 243, 300 Savage, 25-06, 270, 22-250 and Smith & Wesson 44 Magnum

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Guns to be sold at 12 noon then ammo. Guns will be held till payment is received and release signed. Armed guard present. Guns will not be on site till day of auction.

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Ranch Dog Health – veterinarian covers key health risks dogs are up against He went to open the to the gate, the rattlesnake health risks." have some great, easy-toingested during a pet's weight loss, poor hair coat,

gate toward another pasture on the family's South Texas ranch, and his dog Hilda, an Australian shepherd, wouldn't let him take another step — soon, he learned why. Underneath a tumbleweed-like shrub known as Barba De Chivo was a rattlesnake. "Hilda kept me there long enough that when I made my way

was gone. She was protecting me," recalled president of Valley Vet Supply, Omar Hinojosa. "She was always with me and was my second set of eyes, watching over me - we had some very protective mama cows. Our dogs are always there for us, and we owe it to them to shield them from any potential

For key dog health advice, we turned to Paul DeMars, DVM, DABVP, clinical associate professor at Oklahoma State University's College of Veterinary Medicine, who said especially for our ranch dogs, "The biggest risks are parasites and tickborne illnesses, in which most are preventable. We use and cost-effective preventatives for heartworm, flea and tick control, and parasites."

Risk No. 1: Heartworm disease

Transmitted by mosquitoes, heartworm disease is a serious and potentially fatal disease affecting a number of mammals. Dr. DeMars warns, "With heartworms being spread by mosquitoes, dogs that spend more time outdoors will get more mosquito bites." Heartworm risk remains throughout the year, as mosquitoes will shelter from the colder months indoors or other protected

Dr. DeMars said, "Every dog should be on a yearround heartworm preventative." Heartworm preventatives can cost an average of \$10 per month, compared to heartworm treatment, which can cost more than \$1,000 or the priceless cost of a dog's life. Make sure dogs never miss an annual heartworm test, and keep them on a heartworm preventative to protect against the risk.

Unlike other worms that are detected in a fecal sample, heartworms are detected through a blood test in a yearly, scheduled veterinary exam. Ensure heartworm testing is included in your pet's annual exam with your veterinarian, as the earlier heartworm disease is detected, the better the chances for survival, should your dog test positive for heartworms

Early on, most pets do not demonstrate symptoms, but as heartworm disease progresses, infected dogs may develop a persistent cough, fatigue, decreased appetite and weight loss. Dogs with increased numbers of heartworms are at risk for cardiovascular collapse, as the worms suddenly block blood flow within the heart

Risk No. 2: Fleas and ticks

Fleas can transmit harmful bacterial pathoself-grooming. Fleas also cause anemia and intense itching in pets. Some dogs may also develop flea allergy dermatitis, which results from an allergic reaction to flea saliva.

Like fleas, ticks also transmit harmful bacterial pathogens. One of the most dangerous and common tick-borne infectious diseases in dogs includes Ehrlichia Infection, which can cause lameness, eye issues such as blindness, neurological problems, weight loss and swollen limbs. "The most commonly recognized sign is low blood platelets (colorless blood cells that help blood clot), which then cause bleeding if the platelets are low enough," warned Dr. DeMars. Among other diseases, ticks also transmit Rocky Mountain spotted fever and Lyme disease.

It could take as long as 21 days for a pet to show signs of disease. In the case of Lyme disease, it can take as many as five months before signs become recognizable. Watch pets closely for changes in behavior or appetite, if there is any concern they have been bitten by a tick.

Common tick- or fleaborne disease symptoms:

Weakness: Lethargy; Fever; Enlarged spleen or lymph nodes; Weight loss; Gum discoloration; Joint pain; Swelling or stiffness of joints

There are several types of flea and tick control products, including oral or topical medications, powders and sprays, collars, or shampoos and dips. "While older topical products exist, newer products are even more effective," said Dr. DeMars.

Risk No. 3: Intestinal parasites

There are many different types of worms in the environment that can affect our dogs. Regularly deworming with a wormer that is specifically developed for dogs is the safest option to relieve their parasite burden. Learn about the four most common worms in dogs, below.

attach Hookworms themselves to a dog's intestines and generate thousands of eggs within days. Your dog can come in contact with them walking through contaminated grass and soil. Signs can include diarrhea, weight loss, poor coat, slow growth and dehydration.

Roundworms thrive in contaminated soil and feces and are often found in young puppies, as well as adults. Signs include diarrhea, blood in stools.

vomiting, lethargy, swollen stomachs and even colic.

Whipworms reside in infected soil and especially present risks when dogs dig in the dirt. Signs can include severe diarrhea, weight loss, bloody or mucus-covered stools, blood loss, dehydration, anemia, or worse.

Tapeworms can be seen caught in a dog's fur around their rear. Often, they are transmitted through fleas, as the flea ingests the worm larvae and then the dog ingests the flea; they're also transmitted through infected soil. Signs can include diarrhea or bloody stool, change in appetite, poor coat and weight loss, abdominal pain and scooting (less common).

Dr. DeMars also shared the importance of arthritis acknowledgment and prevention. Watch for signs of arthritis, like limping, abnormal posture, reduced activity or mobility, decreased muscle mass or abnormal grooming, as arthritic pets often lick, bite or chew on painful areas.

"The older pets get, the more likely they are to have arthritis problems; however, arthritis can occur earlier in life and happen at any age," said Dr. DeMars. Do not wait until your dog has a serious arthritis problem to discuss the issue with your veterinarian, urges Dr. De-

"Sometimes, people have a misunderstanding they have to wait, but if an animal is no longer moving or rising as well as they once were, there are effective medications their vet can prescribe to help with mobility issues. Even if they think it's just normal behavior from aging, like a change of attitude, appetite or mobility - bring it up with your veterinarian. It never hurts to say, 'What do you think about this, Doc?"

Special joint mobility diets, prescription medications and supplements also can support aging, arthritic dogs. "We're lucky to have many more tools available today than when I was growing up, so we can give our dogs the best in preventative health care," said Hinojosa. "We can take steps to keep them healthy and happy so they can live out as many days as possible alongside us on the ranch. They are part of the family.'

veterinari-Visit an-founded ValleyVet.com for more information and to support the health of your pets, livestock and

SATURDAY, JUNE 5, 2021 -

Auction will be held at the home at 215 E. Stimmel Road, SALINA, KANSAS

Grizzly G9972Z metal lathe; lathe equipment; 150-9001 model RE31 mill machine; assortment milling ment; Lincoln Ideal ARC Tig-300/300 AC DC Arc welder; Miller Millermatic 210 mig welder w/bottles; cutting torch w/bottles; 14" drill press; shop built forge w/blower; shop built 2" belt sander; Delta table saw; Delta chop saw; 2 metal band saws; Craftsman stacking tool box; Walker bumper iack: forge tools; metal rolling

shop table w/vice; air bubble;

TOOLS & EQUIPMENT

hand press; battery chargers; bench grinders; large assortment hand tools; pullers; wrenches; bars; files; hatchets; precision tools; assortment electric tools; clamps; rolls sander belts; R-L-Tine rear tine tiller; large assortment lead; forge coal; bricks; 4"x 4"x 8'; 2"x 4"x 8' lumber; assortment iron; wooden ladders; wood parts bins; metal parts bins; post vice; boomers; hand shear; aluminum step & extension ladders; bolts, nuts, washer: assortment of other parts and equipment.

COLLECTIBLES, **KNIVES & RELOADING**

Assortment knives; BB gun; pellet gun: 3 RCBS reloaders: many dies; powder scale; assortment of reloading equipment; 24" flat screen TV; fishing poles; motorcycle seat; saddle bags; jackets; other motorcycle items; Southwestern bag & other items; buzz saw blades: chicken nest: newer metal signs; ammo boxes; cherry pitter; 4 qt. churn; traps; deer horns; turkey cooker; large assortment of other items.

JESSE HUGHES ESTATE

NOTE: Check our web site for pictures at www.thummelauction.com. There are many items, this will be a large auction. Jesse had many tools. Be safe, if you are not feeling well please call in your bids to 785-738-0067.

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

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		BEEF
300-400#		\$170.00-\$160.00
400-500#		\$160.00-\$151.00
500-600#		\$155.00-\$145.00
600-700#		\$145.00-\$141.00
700-800#		\$142.00-\$140.00
800-900#		n/a
900-1,000#		n/a
,	HEIFERS	
200 400#		\$168 00-\$157 00

400-500#

500-600#

600-700#

700-800#

800-900#

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Baileyville, KS

FEED

\$157.00-\$150.00 \$144.00-\$130.00 \$135.00-\$124.00

\$125.00-\$120.00

\$115.00-\$106.00

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Jeff Cook

July 1, 2021 - No Sale • July 8, 2021 - Regular Sale July 15, 2021 - No Sale • July 22, 2021 - Regular Sale **FIELDMEN** Greg Anderson 785-747-8170 785-564-2173

July 29, 2021 - TBD Trevor Lundberg Taylor Schotte Bill Keesecker 785-770-2271 785-268-0430 785-410-6117 Odell, Nebraska Hanover, KS Waterville, KS Frankfort, KS Marysville, I Barn Phone • 785-562-1015 www.marysvillelivestock.com Washington, KS

544 Head Sold.

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SUMMER SCHEDULE:

May 27, 2021 - Dairy Influence Sale

June 3, 2021 - No Sale • June 10, 2021 - Regular Sale

June 17, 2021 - No Sale • June 24, 2021 - Regular Sale

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Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Joseph Ebert, VP

Report from May 19, 2021

	•		•	•	
	STEERS		16	694	124.50
1	395	178.00	11	763	122.75
11	440	167.50	6	864	119.75
5	502	164.50	20	808	119.00
10	575	155.25			
16	583	153.00	TC	P BUTCHER	COW:
9	602	147.50	\$7	71.50 @ 1,700) LBS.
8	660	136.00			
66	868	133.60	TO	P BUTCHER	BULL:
61	929	129.85	\$8	37.00 @ 2,27	5 LBS.
	HEIFERS				
1	375	149.00		BRED COW	IS:
1	530	135.00		\$725 - \$97	' 5
3	633	133.00			
60	691	131.50		PAIRS:	
65	731	125.00		\$1,140 - \$1,3	210

SUMMER SCHEDULE:

- June 2nd Sale
- June 9th No Sale
- ' June 16th Sale
- ' June 23rd No Sale
- June 30th Sale (Pending Harvest)
- * July 7th No Sale

8:00 am

July 14th - Back to Regular Sale Schedule

Watch online with cattleusa.com (Tab J.C. Livestock Sales) Must register to bid.

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

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

KARL LANGVARDT

Cell: 785-499-2945

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from May 18, 2021 **STEERS** 440 173.50

125.00 561 154.00 749 123.00 11 558 151.00 774 121.25 604 147.00 911 118.50 10 725 139.00 **TOP BUTCHER COW:** 138.00 715 \$75.00 @ 1,810 LBS. 134.00 748 TOP BUTCHER BULL: 10 869 128.50 \$99.00 @ 2,340 LBS. 10 959 124.00 892 123.50 **BRED COWS:** 988 122.25

SUMMER SCHEDULE:

PAIRS:

\$830-\$1,270

\$875-\$1,260

June 1st - No Sale

HEIFERS

446

June 5th - Sheep & Goat Sale

140.50

140.00

June 8th - Sale

June 15th - No Sale

June 22nd - Sale

June 29th - No Sale July 3rd - No Sheep & Goat Sale

(due to the 4th)

July 6th - Sale (Pending Harvest)

July 10th - Sheep & Goat Sale July 13th - 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



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Date: 5/19/21. Light run due to weather. COWS: \$45-\$75. BULLS: \$85-\$95

HEIFERS	7 blk1414@64.00
1 blk 310@161.00	6 blk 1426@63.00
1 red 410@151.00	2 wf 1468@63.00
3 red 452@150.00	2 brf 1573@64.00
3 blk 482@137.00	BULLS
2 blk 468@128.00	1 blk 1380@81.00
2 blk 548@141.00	1 wf 1370@78.00
1 red 515@123.00	1 blk 1570@91.50
1 Char 525@120.00	1 blk 1675@87.00
2 blk 620@137.00	1 blk 1745@93.50
1 blk780@115.00	1 blk 1700@91.50
3 blk 822@116.50	1 blk 1705@86.50
13 blk 1041@89.00	1 wf 1875@91.50
STEERS	1 blk 1860@88.00
1 blk535@150.00	1 blk 1860@88.00 1 blk 1930@90.00
0	
1 blk535@150.00	1 blk1930@90.00
1 blk535@150.00	1 blk
1 blk535@150.00 COWS 1 blk865@72.00 1 Char860@61.00	1 blk
1 blk535@150.00 COWS 1 blk865@72.00 1 Char860@61.00 1 blk895@53.50	1 blk
1 blk535@150.00 COWS 1 blk865@72.00 1 Char860@61.00 1 blk895@53.50 1 blk825@44.50	1 blk
1 blk535@150.00 COWS 1 blk865@72.00 1 Char860@61.00 1 blk895@53.50 1 blk825@44.50 1 blk/brf865@39.00	1 blk
1 blk535@150.00 COWS 1 blk865@72.00 1 Char860@61.00 1 blk895@53.50 1 blk825@44.50 1 blk/brf865@39.00 1 blk865@38.00	1 blk
1 blk535@150.00 COWS 1 blk865@72.00 1 Char860@61.00 1 blk895@53.50 1 blk865@39.00 1 blk865@38.00 1 wf920@70.00	1 blk
1 blk535@150.00 COWS 1 blk865@72.00 1 Char860@61.00 1 blk895@53.50 1 blk865@39.00 1 blk865@38.00 1 wf920@70.00 1 blk945@65.00	1 blk

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Don't let the light go out on the beef indust

By Troy Marshall, American Angus Association

I'm not a cynic. In fact, I pride myself in being a full-blown optimist. My mom used to tell us that the pessimists were usually right, but it is the optimists that end up changing the world. So, it is against my nature to share the following statement: It is increasingly difficult to succeed in the cattle busi-

When I'm talking about success. I am not talking about strictly profits or providing well for one's family, even though those are pretty darn important. I'm talking about living with a purpose, being treated fairly in the marketplace, providing a great product, building a sense of accomplishment, and maintaining one's independence. These things, at least at some level, are I believe we can rectify the possible for everyone in the cattle industry.

It is more than just a little bit disturbing that if you gather a group of yeterans of the cattle industry (grizzly veterans), and get them to answer honestly. most of them will say that they think it is more difficult to succeed in this business than it has ever been; that the lights of the industry are growing dim-

This frustration has led to a degree of lost hope. In part I think this has been fueled by a widening gap between the haves and have-nots. This gap has always existed, but never, ever, on this level. The gap is widening at a pace we have not experienced before. The coronavirus pandemic has accelerated these trends even more. I'm not so naïve that situation by attempting to legislate our way back to the good old days. Rather, I believe that we can return optimism by better understanding how our marketplace works and providing the product that it is rewarding.

There is no group of people who work harder than cattlemen, and those efforts should be rewarded with independence and sustainability.

What excites me is that the solution is not being issued by some powerful wave of innovation and disruption. Rather, it's simply about capturing the value that you have already created. There are subtle changes that have been occurring just under the surface that promise to transform our industry.

The economic drivers are not that difficult to fig-

ure out. The market demands quality; it rewards efficiency and growth in pounds. It expects us to raise our product in a way that the consumer can identify with and support. The difference is that the market is asking for objective and verifiable information on genetics and management. The AngusLink Genetic Merit Scorecard® is designed to document the genetic merit of a pen of calves so that buyers can have confidence in what they are buying. AngusLink's Process Verified Program (PVP) claims provide documentation and validity to certain marketing claims that give producers increased market access and market flexibility.

I am also a natural skeptic. I have always been one of those who say, "Prove it to me. Then I will do it." In 2019 producers enrolled in AngusLink generated more than \$2 million in premiums. In 2020 that went to more than \$4 million. In those two years alone, we saw premiums returned to producers total \$6,664,291. These numbers game-changers for those who participated.

Documenting and validating the genetic merit of a set of calves through the Genetic Merit Scorecard will always have value. In the foreseeable future. we only see the premiums for cattle enrolled in the Angus Verified, all-natural and Global Animal Partnership (GAP) programs growing. In the future, I could foresee there being other programs that help producers differentiate their product as consumer demands evolve. I'm sure fare and environmental concerns will continue to be elevated in the buying decisions of consumers.

The market wants superior genetics and management (nutrition, health and animal handling); they want market access and market flexibility; and they want the opportunity to create additional premiums. The big change is simply in how they want that information communicated. In the past, we only had "reputation" and sincere promises. Today that information needs to verified, documented and presented in an objective manner.

Give us a call or visit us at anguslink.com to discuss how AngusLink can help to put the spotlight on your program and calves.

sustainability, animal welh the commi armers ers: con

By Wade Reh, River Valley **Extension District** director/community vitality agent

With May being Mental Health Awareness Month, I wanted to encourage our farmers and ranchers to engage with their communities. Mental health has a wide scope and includes stress, mental exhaustion, and depression.

As a farmer or rancher, you have unique working hours starting before many have risen out of bed and often going late into the night. Further, you often work in isolation, with the pressures of your livelihood. This isolation has only been exacerbated during the pandemic. These long and inconsistent hours make it difficult to stay involved in your local community.

Community provides many elements that are critical to mental health, but here are three of the most beneficial aspects. Belonging - If you have ever felt like you do not fit in, you know it can be a lonely experience. Community provides a sense of belonging to a group you identify as being a part of. Support - Who do you turn to when you need something? Knowing there are

people who support you can help you feel cared for and safe and can benefit your outlook on life. Purpose - Having a purpose, and helping others, helps give meaning to life.

Community should be at the heart of farming and ranching. Building a strong foundation within your local community will help you stay connected. Here are some ideas to help you get more in-

Youth organizations - Groups like 4-H and FFA encourage hands-on learning for youth. Getting involved in these organizations allows you to use your agricultural knowledge to help educate kids in your community and promote working in agriculture. There is an opportunity to present on topics you have a lot of passion about including livestock, farm safety, new farm technology, and

Agricultural boards and organizations - No matter what you produce as a farmer or rancher there is a board and an organization for you. Your Church, Co-Ops, Farm Bureau, Conservation Districts, and of course Extension are just a few of many organizations that are always looking for engaged board members.

County fairs - From the exhibits to the presentations, county fairs are known for promoting agriculture and reminding the public of the important role that it plays in the community. Getting involved in the local county fair is a good way to not only connect with the community but also promote agriculture.

Field days - Is your local Extension office, crop consultant, seed dealer, or feed dealer having a field day or informational meeting? Get out there and see what

they have to say. And while you're at it, see your neighbors and your friends. Connect with the community you love.

PERSONAL PROPERTY & REAL ESTATE

SATURDAY, JUNE 12, 2021 -– 10:00 AM LOCATED AT 2158 2300 RD - CHAPMAN KS DIRECTIONS: From Chapman head 3 Miles South On Rain RD to 2300 RD, Then East 1.5 Miles. WATCH FOR SALE SIGN **REAL ESTATE SELLS AT 1 P.M.**



House: 3 bedroom, 2 story, 1.5 bath, living room, dining room, kitchen, w/partial finished basement well water, septic tank & lateral field, on 5+/- acres Legal Description: A tract of land in the Northwest Quarter of the Northeast Quarter of section Sixteer (16), Township Thirteen (13) South, Range Four (4)

East of the 6th P.M., Dickinson County, KS, described as follows: Beginning at the Northwest Corner of the Northeast Quarter of said section 16, Thence South along the said quarter section line a distance of 383 feet: thence East a distance of 554 feet, thence North a distance of 383 feet, thence West along the North line of said quarter section a distance of 554 feet to the point of beginning, containing 4.87 acres, more or less Taxes: Taxes for 2020 & all prior years will be paid by the seller, 2021 Taxes will be prorated to date of possession. Closing will be on or before July 12, 2021. Terms: 10% DOWN SAY OF SALE. Balance due when merchantable Title and Warranty Deed are delivered. Property sells in As-Is condition. All buyer inspections must be done before day of Auction including Lead Base Paint. Sale is not contingent on the buyers obtaining finance. Escrow Fee will be divided equally en the seller and the buyer. For information or viewing contact Jay E Brown (785) 223-7555. Announcements & Statements made day of sale take precedence over all printed material. Broker & Auctioneer represent the seller.

VEHICLES, TRAILERS & YARD EQUIP.: 1965 Chevy 1/2 ton 2WD pickup, auto V8, restored; 2002 Lincoln Continental, 4-dr sedan; Dodge Sportsman Van w/camper, boat w/trailer (needs work); 2 boat trailers converted into lawn mower trailers, 3 horse drawn buggys, wooden wheeled, (used for yard art); many lawn mowers & mowe parts. FURNITURE & APPLIANCES: Kenmore refrig; Kenmore gas range; Sharp microwave; single bed; sev. dressers; living room lamps sev. boxes of Household Items to Be Unpacked. TOOLS & MISC.: Wer ner fiberglass 6' stepladder: Craftsman wet/drv vac: 6 metal shelves Makita miter saw; Ryobi battery powered sawsall; B&D cordless drill; Duracraft bench grinder: 2 bench vises: Speed Air port, air compressor 110; Air Product 230 amp welder; band saw; Craftsman table saw 10" 5-drawer McCalls cabinet; sev. battery chargers; 2 metal work benches; lawn mover lift; sev. belt sanders; bench top wood lathe; box of Dewalt cordless drill & sawsall w/batteries & chargers; sm. Craftsman air com pressor; sev. ext. cords; hand tools; misc. lumber & MORE

ART FLAAEN & THERESA JAIME ESTATES

Terms: Cash or Check ONLY nch by White City Christian Church JAY E. BROWN, Auctioneer, 785-762-2266 • C: 785-223-7555 GREG HALLGREN, 785-499-5376 KansasAuctions.net • E-mail: jbrown@ksbroadband.net

BROWN

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

Tues., June 1st - NO CATTLE OR HAY SALE Sat., June 5th - Horse & Tack Sale Tues., June 8th - Cattle & Hay Sale

<u> Holton Livestock Exchange, Inc.</u> 1/2 mile East of Holton, KS on 16 Highway **Livestock Auction every Tuesday at 12 NOON** ****STARTING TIME: 12:00 NOON****

MARKET REPORT FOR TUESDAY, MAY 18, 2021 RECEIPTS: 794 CATTLE FOR FULL RESULTS, VISIT OUR WEBSITE: WWW.HOLTONLIVESTOCK.COM

STEERS		7 blk bwf strs	927@125.00
2 red strs	420@170.00	9 blk strs	982@115.75
4 blk bulls	291@169.00		
3 blk bulls	380@168.00	HEIF	ERS
3 blk strs	435@168.00	6 blk hfrs	409@156.50
4 blk strs	518@163.00	4 blk bwf hfrs	362@154.00
4 blk red strs	503@162.00	15 bwf rwf hfrs	526@146.00
6 blk strs	558@161.00	6 blk red hfrs	442@145.50
9 bwf rwf strs	504@160.00	9 blk hfrs	581@137.00
6 blk red strs	629@154.00	5 red hfrs	589@132.00
14 blk bwf strs	588@152.00	9 blk hfrs	648@130.00
4 blk strs	600@149.00	8 blk bwf hfrs	757@125.00
11 blk strs	668@144.00	3 blk hfrs	763@124.00
7 blk red strs	759@136.00	2 blk hfrs	717@122.75
10 blk etre	776@133.50	20 blk bwf bfre	850@110.25

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

LIVESTOCK AUCTION, INC.

316-320-3212 Fax: 316-320-7159

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

Market Report - Sale Date 5-20-21. 364 Head.

heifers, \$138; 400-500 lb. steers, \$106-\$177; heifers, \$121-\$148; 500-600 lb. steers, \$130-\$155; heifers, \$119-\$141; 600-700 lb. steers, \$115-\$143; heifers, \$119.50-\$127.50; 700-800 lb. steers, \$134-\$138; heifers, \$116-\$122; 800-900 lb. steers, \$110-\$129; heifers, \$105-119.50;900-1,000 lb. steers, \$120.50; 1,000-1,100 lb. steers, \$117.50-\$119. Trend on Calves: Mostly steady but not enough for a good test on any one class. Trend on Feeder Cattle: Mostly \$3-\$4 higher on a light run. Butcher Cows: high dressing cows \$65-\$75; Avg. dressing cows \$55 \$65; low dressing cows \$43-\$54. Butcher Bulls: Avg. to high dressing bulls \$77-\$92.50. Trend on Cows & Bulls: Steady-\$2

Some highlights include:

	HEIFERS	6 mix	473@151.00	
2 mix	450@141.00	2 blk	508@155.00	
2 mix	510@141.00	2 blk	683@139.00	
3 mix	612@127.50	4 mix	761@134.00	
2 blk	745@122.00	25 mix	970@120.25	
18 blk	828@119.50	51 mix	1038@119.00	
2 blk	878@116.00	52 mix	1050@117.75	
	STEERS	50 mix	1051@117.50	
3 blk	450@177.00			

THURSDAY, MAY 27, 2021, 11 AM

OUR NEW WEBSITE IS UP & RUNNING! UPDATED DAILY WITH NEW CONSIGNMENTS! WWW.ELDORADOLIVESTOCK.COM

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

Check our website & Facebook for updated consignments: www.eldoradolivestock.com To stay up to date on our latest announcements you

can "Like" us on Facebook Josh Mueller Steven Hamlin (602) 402-6008 (H) Owner/Manager (316) 680-9680 (620) 222-1199 (M) **Chris Locke** Van Schmidt, Fieldman

(620) 367-2331 (H)

(316) 322-0675 (M) (620) 345-6879 (M) Cattle Sale Every Thursday 11:00 AM

(316) 320-1005 (H)

ESTATE & PERSONAL PROPERTY AUCTION **TUESDAY, JUNE 15, 2021**

Real Estate Sells at 6:00 PM (Personal Property to follow)

AUCTION HELD ONSITE: 18306 Cottonwood Rd., MAPLE HILL, KS

OPEN HOUSE: SUNDAY, JUNE 6 * 1-3 PM



DESCRIPTION TRACT 1: (Home w/10 +/- acres). This wonderful property is the type that is hard to find. At just under 1300 sq. ft on the main

floor with a 3 bed/2bath layout and having a full unfinished basement there is tons of space for the new owner(s) to enjoy. Or the outside there will be plenty of room to play as well. The acreage and the outbuild ngs which consist of 40x40 shop w/con crete floor, 40x60 enclosed building and another 40x52 open sided pole barn. TRACT 2: (80 +/- acres). Here is a mixed

use acreage that will allow the new own er a variety of options. As it sets it has approximately 50 acres of crop ground

around 20 acres of hay meadow and waterways. The remainder comes in the form of timber and a pond which provides some unique recreational potential as well.

TRACT 3: Tract 1 + Tract 2

REAL ESTATE TERMS: Property sells AS IS, WHERE IS. 5% nonrefundable down payment is required day of sale by check. Buyer must be able to close on or before July 30, 2021. Buyer needs bank letter of loan approval or funds verification. Cost of Owners Title Policy to be split equally between Buyer and Seller. Buyers are responsible for understandng all regulations and zoning prior to the auction. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

*Personal Property Highlights: 2020 Case IH 100C w/loader and 2084 Landpride mower (both are like new with few hours!)

SELLERS: BILL & DOROTHY EATON

Check us out on Facebook & Online for more info www.kscrossroads.com www.fa

Crossroads

BILL DISBERGER, Listing Agent, 620-921-5642 Real Estate TERRI HOLLENBECK, Broker/Owner, 785-223-2947 **ANDREW SYLVESTER, Auctioneer, 785-456-4352**

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, May 20th, we had 319 head of cattle on a higher market.

STEERS		Н	HEIFERS		608@125.00
3 blk	547@159.00	2 blk	518@145.00	3 blk	753@124.00
8 blk	623@158.00	4 blk	511@145.00	3 bkRd	828@120.00
7 bkbwf	681@146.00	3 blk	497@142.00	E	BULLS
3 Char	587@141.00	6 blk	751@126.75	3 blk	520@155.00
3 blk	692@140.00	6 blk	609@125.50	2 bkbwf	603@140.00

Butcher Cows: \$34-\$77.50, mostly \$64-74.00, very active. Butcher Bulls: \$77-\$103.00, mostly \$94-\$99.00, very active. Preg Cows: \$750-\$1,000.00.

BUTCHE	R COWS	4 blk	1251@66.00
2 blk bwf	1143@77.50	1 rbf	1410@64.50
1 blk	1530@76.50		
2 blk	1120@76.50	BUTCH	ER BULLS
1 blk	1640@76.00	1 blk Simm	2185@103.00
1 Gelv	1615@75.00	1 blk Simm	2025@102.00
1 blk	1725@74.50	1 Angus	2270@100.00
1 bwf	1490@74.50	1 blk	2170@99.00
1 bwf	1735@74.00	1 Char	2280@98.00
2 blk	1380@72.00	1 blk	1915@97.50
2 bkRd	1468@69.50	1 blk	1770@97.00
2 blk	1285@69.50	1 blk Simm	1950@96.00
2 bkbwf	1248@67.00	1 blk	2265@95.00
2 Beefmaster	1203@67.00	1 blk	2335@95.00

EARLY CONSIGNMENTS FOR MAY 27

75 packer cows from 2 ranches.

12 blk Red heavy Springers or pairs, 4-8 yrs old, bred to Angus bull. 26 blk Red strs & hfrs, 400-650 lbs.

EARLY CONSIGNMENTS FOR JUNE 24 300 mostly blk strs & hfrs, 650-950 lbs., off the grass.

NO SALES on June 3rd & 17th and July 1st!

We WILL have sales June 10th & 24th.

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 swine producers urged to participate in national survey formation gleaned from

A Kansas State University livestock specialist is encouraging the state's swine producers to take the time to fill out a survey that they may be receiving in the next few weeks from the U.S. Department of Agriculture.

Joel DeRouchey, a swine specialist with K-State Research and Extension, said the USDA's National Agricultural Statistics Service is conducting a national study of large and small swine operations in the United

Producers from across the country are selected at random and asked to participate.

"Producers will be asked about health, production management practices, marketing and other hog farm topics specific to their operation," DeRouchey said. "The in-

these studies helps to combat misinformation, such as housing types, the use of medication and other topics.' All of the information

provided by producers is confidential and used only in the aggregate, DeRouchey said.

NASS reported that approximately 5,000 swine operations from 38 states have been asked to participate in the study on small swine operations, or those fewer than 1,000 pigs. These states account for 95% of U.S. swine operations with fewer than 1,000 pigs.

For the study on large swine operations - or those with more than 1,000 pigs - NASS has randomly selected nearly 2,700 operations from 13 of the nation's top swine-producing states. They represent about 90% of the large swine operations in the

country. This is the third time that NASS has conducted a study on small operations, and sixth time on large operations. Similar surveys have been conducted in the United States for more than 30 years.

"Data from the 2021 survey will be compared to data collected in 2007 and 2012 to provide information on industry trends in animal health, management practices, marketing and other topics dealing with practical aspects of a hog farm," DeRouchey said.

He added that it is advantageous for Kansas producers to participate in these types of surveys.

"One main reason is that their operations will be reflected in national estimates of management or

productivity, which then reflects on what is done throughout the entire U.S. swine herd," DeRouchey said. "These estimates are useful in trade negotiations and educating policy makers.

Kansas producers who were selected to participate may already have been contacted about the survey. Officials with NASS indicate that the survey should reach the state's producers during the week of June 15.

Persons interested in more information about the upcoming surveys can contact their local K-State Research and Extension office.





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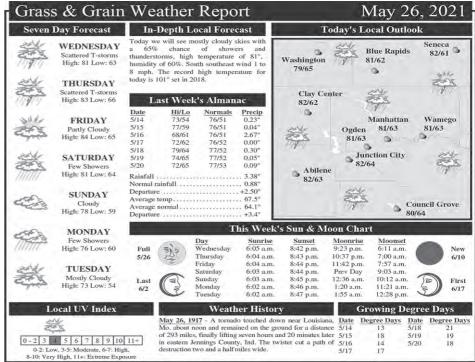
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WAMEGO 18035 US-24 (785) 456-2041







Cattle Auction

10:30 AM

2 blk/bwf cows



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

681 @ 145.25

We sold 1137 cattle May 18. Steer & heifer calves sold STOCKER & FEEDER HEIFERS 2 blk cows at steady prices. Feeder steers & heifers were steady to 79 blk/red hfrs \$2.00 higher. Cows & bulls were steady to \$2.00 higher.

STEER & BULL CALVES 62 blk/bwf strs 875 @ 134.10 1 bwf str 335 @ 182.00 65 mix strs 1 bwf str 385 @ 180.00 8 blk/sim strs 385 @ 180.00 1 blk bull 61 mix strs 460 @ 172.00 1 blk str 3 blk strs 1030 @ 126.00 2 blk bulls 448 @ 170.00 120 mix strs 12 blk strs 527 @ 169.00 4 red strs 4 red strs 525 @ 166.00 7 blk/char strs 2 blk bulls 443 @ 162.00 19 blk strs 3 blk bulls 503 @ 159.00 3 blk strs 497 @ 156.00 4 blk/red strs 474 @ 153.00 15 blk hfrs 1 blk str 535 @ 151.00 1 bwf hfr 533 @ 149.00 6 blk hfrs

Or Buy

2 blk bulls STOCKER & FEEDER STEERS 1 blk hfr 566 @ 160.50 1 blk hfr 5 blk strs 6 blk strs 574 @ 158.00 6 blk/char strs 563 @ 153.00 5 blk/bwf strs 600 @ 150.00 2 red strs 603 @ 148.00 2 blk hfrs 605 @ 147.00 1 bwf str 7 blk/red hfrs 1 blk strs 635 @ 146.00 5 blk/bwf hfrs 5 blk strs 704 @ 136.00 2 blk hfrs

60 blk strs

954 @ 124.00 **HEIFER CALVES** 464 @ 151.50 425 @ 150.50 412 @ 149.50 1 blk hfr 440 @ 146.00 360 @ 145.00 355 @ 144.00 1 bwf hfr 250 @ 143.00 505 @ 142.00 6 blk/red hfrs 1 red hfr 450 @ 141.00

845 @ 132.00

858 @ 129.00

963 @ 126.10

971 @ 125.85

706 @ 125.00

856 @ 125.00

353 @ 140.00

546 @ 135.00

548 @ 134.00

503 @ 133.00

4 blk cows 1678 @ 70.50 23 blk/bwf hfrs 571 @ 141.00 1 blk cow 17 blk hfrs 636 @ 140.00 1480 @ 70.00 7 x-bred hfrs 587 @ 138.00 1578 @ 68.50 1 blk cow 5 blk hfrs 557 @ 134.00 1 wf cow 1845 @ 68.00 2 blk hfrs 555 @ 132.00 1 blk cow 1320 @ 67.50 1325 @ 67.00 580 @ 132.00 1 blk cow 4 blk/bwf hfrs 4 blk hfrs 599 @ 132.00 1 blk cow 1195 @ 66.50 59 blk/red hfrs 825 @ 125.75 2 blk cows 1365 @ 65.00 59 blk/red hfrs 828 @ 124.60 1175 @ 64.50 3 blk cows 6 blk hfrs 843 @ 124.00 1 red cow 1260 @ 64.00 57 mix hfrs 814 @ 122.00 1 blk cow 1210 @ 63.50 23 blk/char hfrs 931 @ 115.00 3 blk/bwf cows 1233 @ 62.50 1 blk cow 1230 @ 62.00 **COWS & HEIFERETTES** 1 blk cow 1260 @ 61.50 1 blk hfrt 945 @ 106.00 2 blk cows 1360 @ 60.00 2 blk/bwf hfrts 860 @ 78.00 1 sim cow 1095 @ 59.50 2 blk cows 1458 @ 75.50 1 blk cow 1185 @ 59.00 2 blk cows 1425 @ 74.50 2 blk cows 1200 @ 58.00 1500 @ 74.00 1 wf cow 1 bwf cow 1015 @ 57.50 1450 @ 73.50 1090 @ 57.00 1 blk cow 1 wf cow 1 blk cow 1305 @ 73.00 1 blk cow 1350 @ 56.50

3 blk cows 1412 @ 72.00 1 blk cow 1140 @ 55.50 WATCH OUR AUCTIONS LIVE ON DVAuctions.com

2 blk cows

1568 @ 71.50 1 blk cow 1115 @ 55.00 3 blk cows/cvs 1373 @ 71.00 2 blk cows 1080 @ 54.50 8 blk cows/cvs @ 1575.00 6 blk cows/cvs @ 1400.00 1 bwf cow/cf **BRED COWS** @ 1350.00 1 blk cow @ 1300.00 1 blk cow/cf @ 1175.00 1 bwf cow @ 1200.00 3 blk/bwf cows/cvs @ 1125.00 4 blk cows @ 1175.00 1 blk cow/cf @ 975.00 1 x-bred cow @ 1025.00 1 blk bull 1955 @ 92.50 1 blk cow @ 1000.00 1 blk bull 1925 @ 91.00 **COW/CALF PAIRS** 1 blk bull 1420 @ 82.00

@ 1825.00 1 blk bull **CONSIGNMENTS FOR MAY 25:**

1645 @ 78.00

- 40 blk red Angus char 3-5 yr old cows, fall bred August-September calves.
- 10 Angus bred hfrs OCV'd vaccinated bred Mill Brae Low Birth weight bull start calving September 1st.
- 18 blk strs & hfrs 450-500 lbs., vaccinated
- 25 blk strs & hfrs 500-600 lbs., vaccinated
- 65 blk char strs 850-875 lbs.
- 60 blk strs 950-975 lbs.

6 blk cows/cvs

61 blk x-bred strs 950-975 lbs.

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

FOR INFORMATION OR ESTIMATES. **REZAC BARN** ST. MARYS. 785-437-2785

DENNIS REZAC ST. MARYS. 785-437-6349 785-456-4187 **DENNIS' CELL PHONE** KENNETH REZAC ST. MARYS 785-458-9071

861 @ 134.25

LELAND BAILEY LYNN REZAC **REX ARB**

1 blk cow

TOPEKA, 785-215-1002 ST. MARYS, 785-456-4943 MELVERN, 785-224-6765

1300 @ 72.50



1160 @ 56.00

Livestock Commission

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

Website: www.rezaclivestock.com **AUCTIONEERS: DENNIS REZAC & REX ARB** Company, Inc.

St. Marys, Ks.