

# Kansas Hay Market Report

Hay market trade was slow to moderate, demand was moderate, and prices remained steady. The landscape in the east is unusually green for this time of year, especially in the Flint Hills, but there is still prairie hay to bale and the rain makes that difficult. According to the U.S. drought monitor, the abnormally dry category remained unchanged at 23 pct while moderate drought was at 1.42 pct. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: [www.hayexchange.com/ks.php](http://www.hayexchange.com/ks.php).

## Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement moderate. Alfalfa: horse, premium small squares 225.00-235.00. Dairy 1.00-1.05/point RFV, Supreme 185.00-226.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow 165.00-175.00. Fair/Good grinding alfalfa, 120.00-130.00. Ground and delivered locally to feedlots and dairies, 150.00-160.00. Grass Hay: Bluestem premium small squares 140.00-150.00. Oat hay: large rounds, rained on 75.00-85.00. Wheat straw: large rounds and large squares 65.00-75.00 delivered. The week of 8/18-8/24, 8,624T of grinding alfalfa and 666T of dairy alfalfa was reported bought/sold.

## South Central Kansas

Dairy alfalfa, steady, alfalfa pellets, grinding alfalfa, ground/delivered steady; movement slow to moderate. Alfalfa: horse, small squares 200.00-210.00. Dairy, 1.00-1.05/point

RFV, Supreme 195.00-225.00, Premium 175.00-200.00, Good 165.00-175.00. Stock cow, 145.00-155.00. Fair/Good grinding alfalfa, 90.00-100.00. Ground and delivered locally to feedlots 135.00-150.00; Alfalfa pellets: Sun cured 15 pct protein 200.00-210.00, 17 pct protein 210.00-220.00, Dehydrated 17 pct 305.00-315.00; Teff hay, mid squares 135.00-145.00. Grass Hay: Bluestem, good small squares 7.00-8.00/bale. Brome, small squares 7.00-8.00/bale, large rounds 100.00-110.00, lesser quality 70.00-80.00. Oat hay, large rounds 70.00-85.00. Wheat Straw: small squares 5.50-6.50/bale, large rounds 40.00-60.00. The week of 8/18-8/24, 6,431T of grinding alfalfa and 1308T of dairy alfalfa was reported bought/sold.

## Southeast Kansas

Dairy alfalfa grinding alfalfa, ground/delivered, grass hay steady; movement slow to moderate. Alfalfa: horse or goat, 230.00-250.00. Dairy 1.00-1.05/point RFV. Stock cow 150.00-180.00. Fair/Good grinding alfalfa, 130.00-140.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 135.00-145.00, good, mid to large squares, 90.00-110.00, large rounds 80.00-100.00. Brome, good, small squares 125.00-150.00, mid to large squares 120.00-150.00, large rounds 90.00-100.00, lesser quality 75.00-85.00; Wheat Straw: mid and large squares 75.00-90.00, large rounds 55.00-65.00. The week of 8/18-8/24, 1,105T of grass hay was reported bought/sold.

## Northwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: Horse or goat, 215.00-225.00. Dairy, Premium/Supreme 1.00-1.05/point RFV. Stock cow, fair/good 150.00-160.00. Fair/good grinding alfalfa, 105.00-115.00 with

instances at 125.00-140.00. Ground and delivered locally to feedlots and dairies, 125.00-135.00.

## North Central-Northeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 9.50-10.50/bale. Dairy 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock Cow, none reported. Fair/good, grinding alfalfa, 100.00-115.00. Ground and delivered 130.00-140.00. Grass hay: Bluestem, small squares 7.00-8.00/bale delivered, large squares 95.00-105.00. Brome, small squares 7.50-8.50/bale delivered, mid to large squares 120.00-150.00, large rounds 80.00-95.00; Wheat Straw: small squares 5.00-6.00/bale delivered, large squares 95.00-105.00 delivered, large rounds 50.00-60.00. The week of 8/18-8/24, 861T of grinding alfalfa and 325T of dairy alfalfa was reported bought/sold.

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

\*CWF Certified Weed Free

\*RFV calculated using the Wis/Minn formula.

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

Source: Kansas Department of Agriculture - Manhattan, Kansas, Kim Nettleton, 785-564-6709. Posted to the Internet: [www.ams.usda.gov/mnreports/DC\\_GR310.txt](http://www.ams.usda.gov/mnreports/DC_GR310.txt)

# Towns near Flint Hills Trail working to draw visitors

(AP) - Towns along the new Flint Hills Trail park in east central Kansas are working to draw visitors as a way to improve the rural economy.

The Wichita Eagle reports towns along the trail are plan-

ning music festivals, opening breweries and bike shops, and offering Airbnbs to visitors.

The park runs along old railroad lines and takes hikers and bikers through hills, wetlands, tallgrass prairie

and hardwood forests. It will eventually stretch 117 miles from Osawatomie to Herington. Currently, it is open from Osawatomie to Council Grove.

Once a piece of the Mis-

souri Pacific Railroad line, the trail was acquired by the Kanza Rail-Trails Conservancy, which converts old railroad lines into nature trails. Last summer, the trail was officially named a Kansas state park.

The trail has had a slow start and is not as popular as trails like the Prairie Spirit Trail - a 51-mile trail that runs between Iola and Ottawa in eastern Kansas.

Jim Manning, natural resource officer for the Kansas Department of Wildlife, Parks and Tourism, said he is confident the trail's popularity will grow.

In Osawatomie, a task

force has raised \$250,000 to run the trail from its starting point about a half-mile outside of town into town and connect it with the recreational center, said Doug Walker, president of Kanza conservancy.

"The community is really excited and has gotten behind it," Walker said. "It's gone like we've hoped, but better than we expected."

Ottawa, at the convergence of the Flint Hills Trail and the Prairie Spirit Trail, plans to open an outdoor events pavilion called Legacy Square Park in September at a cost of more than \$4 million. Residents say the trail already has helped

spark economic growth, including a new brewery, cafe and bowling alley.

And Council Grove is the finish line for the Rush to Rails bike race each year, with this year's event scheduled Oct. 5. The event is part of a statewide push to drive traffic to the trail, said Scott Allen, vice president of the Kanza conservancy.

"We are really trying to get development in the area for activities and things to do when people get to Council Grove along the trail," said Deidre Knight, an organizer for Rush the Rails and a Council Grove resident. "People just see the opportunities and want to provide that for people along the trail once they get here."

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AUCTION LOCATION: ON-SITE  
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LAND LOCATION: East of Newton 8 mi. to Harvest Hill Rd., 2 3/4 North.  
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<p><b>For our sale Friday, September 6: With everyone being in the field catching up on the farm work we had a lighter run of cattle selling on a lower market. Bulls were selling at steady prices. Cull cows were selling from steady to \$3 lower on the kind offered.</b></p> <p><b>STEER CALVES — 400-425 LBS</b></p> <p>Holton 5 bwf 414@160.00</p> <p><b>STEERS — 650-900 LBS</b></p> <p>Allen 16 blk 674@137.75 Junction City 5 bwf 722@136.00 Junction City 10 bwf 824@133.00 Alma 5 blk 763@132.50 Junction City 16 blk 722@132.50 St. George 6 blk 718@131.00 Junction City 12 blk 822@127.25 Allen 14 blk 875@127.25 St. George 6 blk 838@124.00 St. George 6 blk 837@124.00 Alta Vista 5 blk 899@121.00</p> <p><b>HEIFER CALVES — 325-450 LBS</b></p> <p>Marion 5 blk 348@159.00 Marion 5 blk 443@145.00 Holton 6 blk 426@144.00</p>	<p><b>HEIFERS — 575-975 LBS</b></p> <p>McLouth 8 blk 590@142.75 Junction City 6 xbred 788@126.00 Alta Vista 6 blk 754@123.50 Junction City 4 Hereford 705@110.00 Onaga 9 blk 952@105.00</p>	<p><b>BULLS — 1,650-2,300 LBS</b></p> <p>Marion 1 blk 1915@87.00 Waterville 1 blk 2280@85.00 Waterville 1 blk 1795@85.00 Beattie 1 bwf 1665@83.00 Alma 1 blk 1825@80.00 Wamego 1 Hereford 2135@79.00 Council Grove 1 blk 1885@72.00</p>	<p>Ada, OK 6 Hereford 5 @1385.00 Ada, OK 5 Hereford 5 @1350.00</p>
	<p><b>COWS &amp; HEIFERETTES — 900-1,725 LBS</b></p> <p>Holton 1 blk 900@90.00 Gardner 1 blk 1660@73.50 Holton 1 Hereford 1570@73.25 Westmoreland 1 xbred 1525@72.00 Waterville 1 blk 1460@72.00 Emporia 1 blk 1480@69.50 Emporia 1 Char 1720@69.00 El Dorado 1 Hereford 905@66.00 Westmoreland 1 blk 1390@64.00 Waterville 1 blk 1385@61.00 Marion 1 blk 1375@60.50 Holton 1 blk 1230@60.00 Holton 1 blk 1465@60.00 Cimarron 1 blk 1270@57.00 Holton 1 Hereford 1215@57.00 Waterville 1 blk 1315@55.50 Cimarron 1 blk 1135@55.00 Cimarron 1 blk 1200@53.00</p>	<p><b>COW/CALF PAIRS</b></p> <p>Bendena 4 blk 2 @2050.00 Paxico 1 blk 2 @1425.00</p>	<p><b>BRED COWS</b></p> <p><b>AGE BRED</b></p> <p>Blue Mound 1 bwf 3 8 @1400.00 El Dorado 9 Hereford 3-4 7-8 @1325.00 Ada, OK 7 Hereford 5 6-8 @1300.00 Blue Mound 7 xbred 5-6 8 @1300.00 Ada, OK 10 Hereford 5 8 @1285.00 Blue Mound 1 Hereford 6 8 @1260.00 Ada, OK 4 Hereford 5 7-8 @1250.00 El Dorado 12 Hereford 5-6 7-8 @1100.00 Emporia 3 blk 3-4 7-8 @1075.00</p>

**EARLY CONSIGNMENTS FOR SEPT. 13**  
• 30 Angus str, Fall and Spring shots, weaned 60 days, 650-750 lbs.  
• 30 Angus & SimAngus steers, longtime weaned, 2 rounds shots, 750-850 lbs.  
• 30 Fancy black steers & heifers, 650-750 lbs.  
• 45 Angus steers & heifers, weaned, 1 complete round shots, 450-550 lbs.  
• 70 blk str, 2 rds shots, long weaned, 750-850 lbs.

**SELLING AT 11:30 AM:**  
• 15 big fancy home raised bwf Fall calving 1st calf OCV hrs, bred LBW Angus bull, heavy Springers.

**EARLY CONSIGNMENTS FOR SEPT. 27**  
• 250 black steers, few red & Charolais cross, 800-900 lbs.

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				<p>ANDREW SYLVESTER WAMEGO 785-456-4352</p>

# Farm Bill update meetings to be held in Minneapolis and Salina Sept. 18 & 19

The Central Kansas Extension District (CKD) is teaming up with the Ottawa and Saline County Farm Service Agency (FSA) offices to host two producer meetings that will cover updates in the 2018 Farm Bill as well as offer some things to consider as farmers and ranchers prepare to sign-up for the

new program. The first session will be held at the Ottawa County Courthouse located at 307 N. Concord in Minneapolis on Wednesday, September 18 at 9:00 a.m. The second will take place at the KSU Polytechnic Campus College Center (2310 Centennial Rd.) in Salina on

Thursday, September 19 at 7:00 p.m. Both meetings will cover what producers elected in the previous farm bill and the results of those selections, the changes made to Agriculture Risk Coverage (ARC) and Price Loss Coverage (PLC) programs in the 2018 Farm Bill, recommendations on which program(s) should be chosen during the new sign-up period, the Supplemental Coverage Option (SCO) and an overview of FSA farm loan programs.

Some of the information in each session will be county-specific, but producers are welcome to attend either or both, even if it's not their administrative county. There is no fee to attend and no pre-registration is required.

For questions or more information, please contact the Ottawa County FSA Office at (785) 392-3393, Saline County FSA Office at (785) 825-8269.

# Meats Farm & Ranch, Arndt Farms win Beef Fest grand awards

Steers owned by G&J Meats Farm & Ranch of LeRoy and heifers owned by Arndt Farms of Emporia were the winners of grand awards at Flint Hills Beef Fest in Emporia. The awards are based on the best combined finish in the grass futurity and live stocker show.

The G&J Meats Farm & Ranch entry also won the steer division of the live stocker show. Second place was a pen of steers owned by Darbyshire Farms of Hartford, with cattle owned by Anderson Ranch of Alma winning third.

Haun Ranch of Fall River had the champion pen of three in the heifer division of the live stocker show. Spring Creek Ranch of Cassoday owned the second place pen of heifers, followed by the grand award-winning entry from Arndt Farms of Emporia in third.

Entries in the Beef Fest grass futurity were on pasture from April 30 through August 16. Cattle were ranked by the greatest adjusted gain on grass. Anderson Ranch of Alma had the champion pen of three in the steer division of the grass futurity, with the cattle gaining 2.35 lbs. per day. The grand award-winning steers from G&J Meats Farm & Ranch won second in the grass futurity, gaining 2.22 lbs. per day. A pen of steers from Putnam Farm of Emporia finished third with an average daily gain on grass of 2.07 lbs.

The heifer grass futu-

rity was won by the grand award-winning pen from Arndt Farms of Emporia with an average daily gain of 2.64 lbs. Loomis Ranch of Council Grove owned the second place grass futurity heifers, which gained 2.54 lbs. per day. Third place in the heifer division was a pen from Spring Creek Ranch at Cassoday that gained 2.47 lbs. per day.



The Live Stocker Show and Beef Fest Grand Award Winner for steers was G&J Meats Farm and Ranch of LeRoy. Pictured are Parker and Gary Meats with Jeanette Baker.



Arndt Farms of Emporia was the Beef Fest Grand Award Winner in the heifer division. Pictured are Steve Arndt, Acen Arndt, Augustus Arndt and Aleah Arndt, Jeanette Baker and Mike Arndt, Emporia.



The Live Stocker Show Winner in the heifer division at Flint Hills Beef Fest in Emporia was Haun Ranch of Fall River. Jeanette Baker presents the award to Brad and Michelle Haun.



Anderson Ranch of Alma won the Grass Futurity with a contest gain of 2.357 pounds per day. Julia and Matt Anderson are shown receiving their award from Jeanette Baker.



Arndt Farms of Emporia won the Grass Futurity in the heifer category with a gain of 2.645 pounds per day. Shown are Steve and Mike Arndt of Emporia.

## RESTAURANT AUCTION

THURSDAY, SEPTEMBER 12, 2019 — 10:00 AM  
**McFARLAND'S RESTAURANT**  
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## YUTZY FARM AUCTION

WEDNESDAY, SEPTEMBER 18, 2019 — 9:30 AM  
LOCATION: 1908 10000 Rd. — OSWEGO, KS 67356. From Bartlett go north on Rook Rd. to 10000 Rd., then East 1 mi., OR from Rook Rd. & State Rd. 160 Jct go South 4 mi. to 10000 Rd. then East 1 mi. to location.

**Farm Equipment:** 2007 Bobcat Skid-loader w/2600 hrs and Kubota Diesel Engine; New Holland 1431 (14') Discbine; 2-New Holland 56 Rollbar Rakes; Vermeer 604 Round Baler (L series); Taylor Way 10 Wheel Rake; John Deere 24T Small Square Baler (bad gear box); 3 Section Spike Tooth Harrow; 2 Section Oliver Springtooth Harrow; Custom Pasture Drag; John Deere #33 PTO Manure Spreader; John Deere Van Brunt 15 Hole Drill w/Grass Attachment; 14' Straight Deck Whirlcut Mower; 10' Whirlcut Mower; Flare Box on Gears; 12' Tandem Axle Trailer w/Stock Racks; 8'x16' All Steel Hay Trailer; 8'x16' Hay Trailer w/Long and Short Tongue; Custom Horse Drawn 5th Wheel Lowboy Wagon; 2-2 Wheel Trailer; John Deere Running Gear; John Deere 301 Fertilizer Spreader; John Deere #44 2 Bt Tractor Plow; I & J Cultivator; 250 and 300 gal Field Sprayers w/Honda Engines; 30' bale Elevator w/Hyd Motor; Horse Drawn Wagon w/top and Dump Bed; Pioneer Forecart; 2 Wheel Bale Transport Cart; Several Stone Boats(drag); 1 Row Cultivator; Feed Bunk Wagon; John Deere Walking PLOW; 3- Misc Walking PLOW; 6' Orchard Disc; 5 Shovel Garden PLOW; 2 Ton Portable Feed Bin; 1 Ton Combine Feed Bin; 4" and 6" Grain Augers; 2 Wheel Road Cart; Portable Loading Chute; 350 gal Propane Tank w/Wet Line; 2-100# Propane Bottles; 1000 gal Poly Tank; 350 gal Poly Tank for Pickup Bed; plus more items not listed.

**Livestock & Horse Equipment:** 2-12x16 Portable Animal Shelters; 2-10'x16' Insulated Hog Shelters; 6'x8' and 4' x 8' Animal Shelters; Misc Cattle and Hog Panels; Feed Bunks; 3-Water Tanks; 2-Hay and Grain Feeders (horses); W-W Headgate; 6 Round Bale Feeders; 3 Big Tire Waters; Water Tote; 2 Hole Mira Fount Water Tank; Tank Heater; Breeding Stocks; 80 Round Bales Fescue Hay; 400 gal Mueller Bulk Tank; 2-40' x 90' Shade Cloths; 4 and 8 Horse Ewener Beams; 2 Horse Eveners; 8 Saddles; Wagon Load of Tack, Collars, Bridles, Hames; Buggy Shafts; 12 Volt Incubator; and Misc Items not listed.

**Shop Tools & Misc:** MS 271 Stihl Chainsaw; 10' Coil Brake; 24' Alum. Walk Plank; 10" Table Saw; 125# Anvil on Stand; Steel Saw Horses; Amrox Metal Cutting Band Saw; Custom Hyd Chop Saw; Splitting Malls; Splitting Wedges; Tow Straps; Misc Hand Tools; Old Steel Wheels; Hand Pump and Pump Jack for Windmill; Old Coal Stove; Hand Corn Sheller; Propane Tank Heater; Shelving; Cabinets; 26' Steel Rafters; plus more misc.

**Guns:** Remington 243 cal Bolt Action; Marlin 22 cal Semi Auto; H&R Single Shot 10 ga (Long Tom); H&R Single Shot 20 ga; New England Single Shot 20 ga; 10 and 20 ga shells.

**Household & Collectibles:** Hitzer Wood Stove; Blonde Knee Hole Desk and Chair; Blonde 3 pc Bedroom Suite; Hide A Bed; Bunk Beds; Hall Mirror; Corner Curio Cabinet; 2 Full Size Bed Frames; Twin Size Bed; 2 Chest of Drawers; Wooden Picnic Table (new); 2-Wooden Swing Seats; Wishing Well; Old Glass Jars; Meat and Cheese Slicer (hand crank); Pressure Cooker; Coleman Gas Irons.

**Calves & Hay:** 80 Round Bales Fescue; 2-200# Beef Hftrs; 2-200# Hol. calves.

Sale by order of: **GLEN & GENEVA YUTZY**

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# Going to the dogs: 'Beef Production and the Working Cow Dog' meeting to be held Oct. 8

K-State Research and Extension Coffey County and the Frontier Extension District together will host a meeting, "Beef Production and the Working Cow Dog" Oct. 8 in Williamsburg. The meeting starts at 10:00 a.m. at the Williamsburg Community Building.

A complimentary meal will be served, thanks to sponsors, but participants are asked to register by Oct. 3 to ensure an accurate meal count. Register at: [www.frontierdistrict.k-state.edu](http://www.frontierdistrict.k-state.edu) or call the Coffey County Extension Office at 620-364-5313 or Frontier District Office in Lyndon at 785-828-4438.

"A cattle dog is a valuable asset to many cattle operations. They can help ranchers through the daily work of raising cattle," said Rod Schaub, Extension agent with the Frontier District.

Presentations will feature Debbie Lyons-Blythe, Blythe

Angus Ranch and chairman of the Outreach Committee of the U.S. Roundtable for Sustainable Beef, and Patti Dollarhide, value chain director of Kansas State University's Beef Cattle Institute.

The U.S. Roundtable for Sustainable Beef (USRSB) is a multi-stakeholder organization whose 116 members represent 30% of the nation's cattle herd, more than 20 billion pounds of beef processed and more than 100 million consumers. Its goal is to identify opportunities for continuous improvement throughout the beef industry.

The USRSB recently developed the U.S. Beef Industry Sustainability Framework that was adopted by major food and retail companies, cattle producers, veterinarians, scientists and non-government organizations to strengthen the sustainability of U.S. beef production. According to USRSB Chair Dr. Kim

Stackhouse, "The U.S. Beef Industry Sustainability Framework is about telling that story to consumers by improving transparency as well as exploring opportunities to more responsibly use resources, raise animals and care for the people who help beef get to the American dinner table."

Laura Stimatze, of Stimatze Working Cow Dogs, Macksville, will give a presentation on the possibilities and abilities of a working stock dog.

After lunch, participants will travel to Silkville Ranch where Stimatze will continue her discussion on using cow dogs in a low-stress manner to work cattle. Demonstrations of dogs with various levels of training will occur throughout the afternoon. Selecting the right dog or puppy, finding the right trainer, and getting started on training a dog will be discussed.

## Successful weaning: tried-and-true transition strategies

By Kevin Hill, Merck Animal Health

Long before calves arrive at the feedyard. Pre-shipment management on the ranch is truly the only way to adequately prepare calves for the changes awaiting them after weaning. In addition to optimizing feedlot health and performance, the best-prepared calves will result in the biggest return to the ranch. Because calf buyers want the healthiest calves, providing them with a certified history of health management procedures, especially one verified by your veterinarian, can result in a \$15- to \$35-per-head premium paid by buyers.

Here are four tried-and-true weaning-related strategies to help make the shift to the feedlot as seamless as possible.

1. Spread out the stressors  
Weaning day is often the most stressful day in a calf's life. The roundup, vaccinations, separation from mother, a long truck ride and then landing in a strange pen with lots of new neighbors is more than any calf should be asked to endure. The key to managing these stressors is to plan ahead and spread out the procedures over several weeks.

Pre-weaning should be thoughtfully planned to begin two to three weeks before weaning and culminate 45-60 days after weaning day. This is important to minimize stress on a calf's immune system and give them the best chance to respond fully to immunizations.

Calves also need time to **NPPC prevails against HSUS attack on animal agriculture**

The U.S. Court of Appeals for the District of Columbia Circuit has ruled in favor of the National Pork Producers Council (NPPC) in its appeal to dismiss a lawsuit brought by the Humane Society of the United States (HSUS). The court rejected HSUS's attempt to advance an anti-meat activist agenda through an unwarranted suit designed to hurt 60,000 U.S. pork producers and undermine a farm sector critical to rural communities and that employs hundreds of thousands of Americans.

The court rejected HSUS' attempted challenge to the National Pork Board's 2006 federally approved purchase from NPPC of trademarks associated with the organization's "Pork: The Other White Meat" campaign and payments associated with the agreement. While HSUS claimed it and others were injured because proceeds from the transaction were misappropriated by the National Pork Board, the pork "checkoff," the D.C. Circuit found that HSUS and its fellow plaintiffs failed to demonstrate that they had suffered harm from the transaction, including the associated payments.

"The dismissal of this case is a win for American pork producers who depend on NPPC's issues advocacy work and the research, education and promotional work performed by the National Pork Board," said David Herring, a pork producer from Lillington, NC and NPPC's president. "The real misappropriation of funds is HSUS's continued efforts to fundraise under false pretenses while using its proceeds to attack farmers dedicated to feeding billions of people at home and abroad."

adjust to separation from the cow and new nutrition before adding in other stressors like shipping and co-mingling. Not everyone can hold calves for 45 days after weaning, but nearly everyone can utilize some aspects of pre-conditioning.

2. Examine your vaccination strategy

Vaccination programs should include core protection against infectious bovine rhinotracheitis (IBR), bovine viral diarrhea (BVD), respiratory syncytial virus (BRSV), as well as protection against the major bacterial causes of pneumonia.

Timing also is important. Instead of waiting to vaccinate calves after they arrive at the feedyard, where they may encounter disease before the vaccine has a chance to take effect, it's ideal to vaccinate two to three weeks prior to weaning. This allows time for the best protection against respiratory and clostridial diseases. Booster doses can be given two to three weeks later, when calves have adjusted and are eating well after weaning at home or in a backgrounding yard, or after arrival if going directly to the feedlot.

3. Implement concurrent

parasite control  
Parasitic infections depress immunity and feed intake, which are extremely detrimental to calf health. Therefore, incorporating deworming into a preconditioning plan is essential. Again, pre-weaning timing is important (two to three weeks prior to weaning), as is product selection.

Many researchers during the past 10 years have documented the avermectin class of anthelmintics as often not effective at reducing worm burdens. Because most commonly used dewormers are in this class, switching to a dewormer with the active ingredient fenbendazole significantly improves the efficacy of eliminating parasites.

Combining two products from differing classes at once, such as fenbendazole and an ivermectin, typically achieves reduction of parasite egg counts by 99%, and is the best strategy for slowing the development of resistance.

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism. This should include a plan for collecting fecal samples and performing a Fecal Egg Count Reduction Test (FECRT) to determine if the

current deworming program is effective.

4. Evaluate economic impact of implants

No other investment in the cattle industry is as consistent and predictable as the use of growth implants. Because the investment is relatively small, a positive return is realized within a few weeks after implantation. If you plan to retain ownership for three weeks or more after weaning, consider the value of using implants. The return can be as much as \$30-\$40 per head in added value. Implanting can be conveniently added to the preconditioning program either prior

to or after weaning.  
Data from thousands of calf sales prove that preconditioned calves command a significant premium. But, to garner premiums, you need to effectively communicate health programs to potential buyers, documenting health products and practices used on your operation — including dates of vaccinations, parasite control and other treatments — is an absolute requirement to get that premium.

For more information on preconditioning programs for healthier and heavier calves, contact your veterinarian and visit [www.the-best-defense.com](http://www.the-best-defense.com).



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**REAL ESTATE & CONTENTS AUCTION**  
611 S Missouri, Kanopolis Sat, Sept 14, 10 am

Single family home has 1,953 sq ft, 3 beds, 1.5 baths, 1.4 acre lot (360 ft x 360 ft). 2018 taxes - \$1,751.36. 10% buyer premium will be charged on the real estate. Terms: 10% down day of sale, balance due at closing. There are household & garage items selling after the house. Please go to our web site for a complete listing.

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**AUCTION**  
SUNDAY, SEPTEMBER 22, 2019 — 11:00 AM  
CITIZEN POTTAWATOMI COMMUNITY BUILDING, 806 NISHNABE TRAIL  
ROSSVILLE, KANSAS

2 heavy wooden spoked with hard rubber cannon wheels; snow (picket) fence making machine; Early car floor jack; **COLLECTION OF 107 VARIOUS JACKS**; Crescent windmill weight; 2 cream separators; Hundreds of wrenches: Rock Island, IH, JI Case, Emmerson, ACME, John Deere, Gale, Sanders, Happy Farmer, Ft. Madison, P&O, Litchfield & other cut-outs, Oliver, Baylor, David Bradley, Western Implement, Morrison, Winchester, Keen Kutter, National, AC, Avery (9), Chattanooga Plow Co., Geiser, Paptee Plow Co., JH Manney, LaCrosse Plow co., many Ford, various adjustable, Challenger, Vulcan, Ohio; Indian/Triumph/Yamaha Motorcycle wrenches; bicycle & spoke wrenches; English & German wrenches; Sachs motor wrench; 30 small adjustable wrenches; IH jack; 2 McCormick-Deering sickle grinders; wire tools; Collection of approximately 50 buggy wrenches; 15 crate tool bars;

approximately 12 nail pullers; 12 cross-cut saws; scythes; 2 hand water pumps; approximately 300 license tags; hand corn planters; Collection of wood braces (drills) including corner brace; Blacksmith tools; 25 5-gallon advertising fuel cans; hatchets; 2 garden transplanters; car hub caps (Paige, Chevrolet, Whippet, Dodge Studebaker, etc.); 2 glass mailboxes; butt (hinge) gauge; brass blow torches; advertising hand fans; nut crackers; Odell #4 antique typewriter (unique); advertising pens & pencils; approximately 150 advertising yardsticks; wooden vinegar pump; cream can; carpet stretcher; old Drug store door with advertising stickers; fancy wood screen door; **antique wicker baby buggy**; Oak oval drop-leaf dining table; 4 newer pattern back chairs.

**4 Singer Featherweight Sewing Machines:** AH 20155, E1947-L1948, AH 640688, E1947-L1948, AJ635497; H2185, 1947; Collection of miniature sewing machines; Arrow celluloid box & collars.

**FROG COLLECTION:** Over 200, chalk, cast iron, glass, ceramic, McCoy, Wyatt Mfg.-Salina, brass. Iron implement wheels; implement seats; wood levels; crate tools; soldering irons; folding rulers; 2 well pulleys; drawknives; saws; brass front scales; pliers; nippers; wood nail keg; copper boiler; scythe; 2 child's wagons; saw vises; Fireman's hatchet; Railroad car mover; bee smokers; lard/fruit press; advertising letter openers; cherry pit-ters; food grinders; Railroad lantern lenses (blue, amber, red); meat saws; old fruit jars; cast iron drain basket; leg-gings; plumbobbs; match box; lanterns; pickle jar; old pocketknives; scissors & store display; mortar & pestols; lightning rod balls; cigarette lighters; advertising ashtrays; razor straps; milk bottles; battery jar; hand advertising fans; advertising brochures; receipt booklets; wax seal stamp.

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**PERSONAL PROPERTY AUCTION**  
SUNDAY, SEPTEMBER 22, 2019 • 12:30 PM

AUCTION LOCATION: 4895 Blackjack Rd. — ST. GEORGE, KS

**Truck & Guns sell at 2:00!**  
**GUNS:** J. Stevens, 12 ga., dbl barrel shot gun; Stevens 12 ga. single shot (both older).  
**TRUCK:** 2003 Ford F150 King Ranch 4x4 w/~225,000 miles.

**APPLIANCES & FURNITURE:** Coronado chest freezer; Frigidaire refrigerator; sev. small kitchen appliances; Patriot vacuum; T.V.; VCR; drop leaf table w/chairs; wood chairs w/cane seats; dresser w/wishbone mirror & towel rack; white clad wood cabinet; square table with glass claw feet (old) & others; matching bedroom set (king size bed, 2 night stands, 5 drawer chest of drawers & dresser w/mirror); Hoosier cabinet (very nice & complete); wood plant stand; lg. framed mirror; old wood cabinets; old buffet; old table; old school desk; child's desk w/ chair (old); coffee tables; Brunswick Victrola (works) and records; oak entertainment center; wood display case; solid wood buffet; o/s rocker; hide-a-bed sofa, sofa & love-seat; recliners; end tables; oval coffee table w/glass top & others; metal cabinets; Singer treadle sewing machines in cabinets (3); Singer portable sewing machine; brass floor lamp & others; lg. wood beveled mirror; sev. lamps; Coors pool table light; nail keg w/ iron pump lamp (unique); stained glass picture; old wood dresser w/mirror (needs refinishing); sm. iron stool.

**ANTIQUES & COLLECTIBLES:** 12 gal. Red Wing crock; 10 gal. Clinton Pottery Co. brown crock; 3 gal. Diamond brand crocks; sm. handled crock jugs; crock water cooler; copper boiler w/lid; Aladdin lamp; Daisey #40 glass butter churn; wood butter mold; old bottles; glass water bottle; cream can; wood ice cream stool; old lantern; old trunk; old wood buggy seat; Alma Coop Oil & Meat Processing Plant adv. pcs.; 1944 Needles Colorado framed picture; 1939 Cimarron River Bridge in Liberal Kansas framed picture; sev. sad irons (sm. & lg.); framed barn picture; framed horse picture; chalk dog; framed mirror picture w/train picture; Union leader tobacco tin; Time for Op-timo Cigars clock; 7-up clock; wagon made from Coca Cola box; advertising lighters; smoke stand; Willie the Wildcat; Nicole Ohlde bobble head; K-State pewter mug; 1978 Shriner's National Convention 104 Imperial Council Season, Detroit; Radio at War, WIBW magazine; Ingram mantel

**YARD & TOOLS:** patio set; Therom's quik set grill; Yard Man 42" riding lawn mower; garden tools (shovels, rakes, hoes, etc.); Craftsman weed eater; Mac weed eater; Ryobi weed eater; Yard Machines rototiller & other; McCullough chain saw; 16" Craftsman chain saw in case; wheelbarrow; misc. hand tools; sev. hand saws; 2-man saws; wood clamps, Milwaukee recip. saw; Craftsman 12" band saw; Delta planer—home craft; tap & die set; wrenches; brace & bit; wood planes; Craftsman EZ Walk self-prop. mower; Powermate professional series powered by Yamaha generator; miter saw & others; Craftsman table top drill press; belt driven router on stand; Craftsman tool box; Skil saw; vise; grinder; radial arm saw; extension cords; 6' ladder; alum. extension ladder; old lathe; post hole digger; apple picker; log chains; cement mixer; iron wheelbarrow; Shop Vac; 250 sm. air compressor.

**MISC.:** Oval galv. stock tank; galv. storage box; ammo boxes; weight machine(2) & weights; treadmill; pipe; lots of Christmas decorations; potato box; coolers; Tupperware; fans; misc. toys; typewriters; ceiling fan (new); Corning Ware; antlers; Coke tins & sev. others; doll; sheets & bedding; wire milk crate; red metal child's wagon; child's metal table w/chairs; old 2 wheel trailer; concrete blocks and bricks; & **LOTS MORE!**

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Hope, 123 blk	878@133.25				
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Tampa, 1 blk	1695@83.00	Tampa, 111 mix	964@124.50		

**HEIFERS**

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Hope, 64 blk	815@122.75				
Hope, 7 blk	694@120.00				
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**2005 JD 9660 STS 4x4, CM;** singlepoint; high rate unload; Maurer extensions; 30.5s & 28 L rear, 90%; 2429 sep; 3570 eng; field ready; very nice; \$45,500. 785-466-6019

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 '95 R62 Cummins\$22,500  
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EZ Trail Gravity Wagons, Grain Carts, and Header Trailers.

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 '04 Claas 900.....Call  
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 0% For 5 years on all 62 & 72 Series combines  
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 \*320 Ac+/- SW of Tescoot. Pasture, tillable, CRP. Call Ray!  
 \*150 Ac+/- Tillable **UNDER CONTRACT** Call Ray!  
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SALVAGE TRACTORS
ALLIS 7000-7080, 220, 210, 190XT; D17-19; JD 84-8630, 7520, 6030, 5020, 4630, 4430, 4020, 3020, 720, 730; CASE 1470, 1370, 1270, 1200, 1070, 930, 400; IH 1568, 1466, 1256, 1066, 1026, 806; FORD 4-5-6-8-9000; MF 2745, 1155, 1100, 90, 85; OLIVER 2150; MM G1000; WH2-150, 4-150.

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'14 Case IH 5130 Combine, 4wd 775 engine hrs, 518 sep. hrs
'11 Case IH 7088 combine 1643 engine, 1201 sep.
'11 Case IH 3406 corn head w/ trailer
'10 Case IH 2020 flexhead 30' w/ air reel
'05 Killbros 1170 grain cart
'89 Case IH 1063 corn head
'80 Vermeer 605G rd. baler
'01 NH 1475 MOCO 14'
'02 NH 1475 MOCO 14'
IH 45 FC 18.5'
'02 Case IH 4300, FC 27'
IH 370 14' disk
JD 235 disk, 25'
'01 Case IH 3950 disk, 33'
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2014 JCB205 skid loader
2004 JD 240 series II skid ldr., ROPS, 700 hrs.

HAY EQUIPMENT

New JCB 3TS-8T Tele-Skid track loader
MF 25, side delivery rake PTO drive
Vermeer 605 N rd. baler w/net
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MISCELLANEOUS

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Landoll 7530-29' VT Plus
New Wemhoff 10' & 12' Box Scraper

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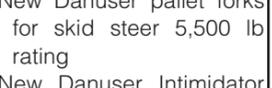
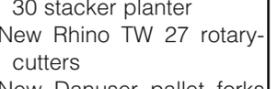
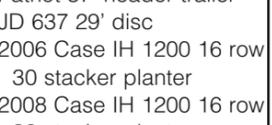
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1999 Case MX 200 MFWD w/1860 KW loader.....CALL
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'09 CIH 2010 rigidhead.\$5,000
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JD 212 pickup head.....\$2,800
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JD 1015 pickup head....\$5,000
Agco hugger 830 cornhead.....\$6,500
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Kongskilde Cushion Air 700 grain vac .....CALL
Unverferth Gravity Wagon w/ auger.....CALL
JD 716 chuck wagon.....CALL
2010 Haybuster H1130.....\$45,000
Bearcat tubgrinder.....\$4,000
Schuler 6520 vert. TMR.....\$22,500
Supreme 500 mixer .....CALL
2013 MF WR9740 windrower, 845 hrs.....\$65,000
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# Feed, climate and labor to consider when deciding on calving season

By Heather Smith Thomas

There are advantages and disadvantages to every calving season. Producers must figure out what works best for their own climate and management system.

George Barrington, Washington State University, says there's a lot of information and also many opinions regarding calving seasons. The advantages and disadvantages are partly geographic. If you have severe winters, those environmental factors make fall calving more challenging.

Advantages include a chance for better prices. More people calve in the spring than the fall. Therefore, there is a larger supply of calves in the fall at weaning time — so the market generally drops. There

is more demand for calves marketed in the spring, when the supply is lower, that usually results in a better price.

"Fall-calving cows have gone through spring and summer with good grass and tend to be in good body condition. They generally have fewer problems calving — partly because birth weights are a little lower than in cows that went through late gestation during cold weather, with more blood circulation around the internal organs and uterus," Barrington says. "Fall-calving cows also tend to breed back quicker. Spring-calving cows are often harder to breed back if they've come through a hard winter, if their body condition scores are lower."

"Fall-calving cows also tend to breed back quicker.

Spring-calving cows are often harder to breed back if they've come through a hard winter, if their body condition scores are lower." — George Barrington

Weather tends to be better in the fall, and cows can usually calve out on pasture, so there's less labor needed.

There might be some cool nights, but it's generally better than calving in early spring or coming out of winter, he admits. Regional differences can be a factor, and a person needs to time the calving for their own conditions.

"Some ranchers have both a spring- and fall-calving herd. Their bulls can be used twice; they are getting more use of bulls, with less cost per calf sired," says Barrington.

Some of the disadvantages of fall calving in certain cli-

mates is that grass is mature and dormant. In mild climates, there may be new growth of grass and the fall-calving cows have good nutrition.

At higher elevations and in more northern regions, cows generally need to be fed through winter, and lactating cows have higher nutrient demands than dry, pregnant cows.

"You lose the advantages of fall calving if the cows aren't producing enough milk or if it costs too much to feed them. The fall calves may also be a little lighter at weaning time than spring-born calves because they are going into winter soon after birth and will take more feed for maintenance and body heat. Small calves are not yet ruminants, so they are not producing body

heat from fermentation in the rumen," says Barrington.

"Ranches that can have both a spring- and fall-calving herd have the best chance to weigh the benefits and disadvantages for their own environment, management, labor availability and feed. When they market calves they can determine which season pencils out best when figuring in feed costs, etc."

Many producers in eastern Washington prefer fall calving because they also have a lot of wheat production.

"They are so busy in the spring that they can't devote enough time to calving. They can't be dealing with calving

problems when they are out in the fields," he explains.

The environment for calving is also a little better in the fall, out on pasture compared to being confined and monitored in late winter/early spring. He says they treat more calves for diarrhea in the spring because the herds are in wet, muddy confined areas, often the same areas where the cows were fed during winter.

The weather does not always allow putting the cows out in larger, clean areas to calve.

Producers need to consider all the factors involved in their own particular environment, management strategy and labor availability.

# Groups come together to address food insecurity in downtown KC

Karen French considers herself one of the lucky ones.

When the Kansas City, Ks., resident needs a pack of eggs or a loaf of bread, she can get in her car and drive about four miles to the nearest grocery store to get her supplies. Depending on traffic, the round trip takes about 30 minutes.

That may seem like an inconvenience for basic goods, but French knows she's got it better than most of her neighbors.

"A lot of people around here are using public transportation, such as the bus," she said. "And you can only carry so many items on the bus and be able to breathe at the same time, especially if you're an older citizen."

This is life in a food desert, a term that's come to represent urban or rural areas where residents have limited access to healthy food because of the distance to grocery stores, or the difficulty of getting to those stores.

"In Wyandotte County, we have about 18 areas that are designated as food deserts," said Nozella Brown, director of K-State Research and Extension's Wyandotte County office. "That's about 27,000 residents that are without food access, or are struggling with food insecurity. That's been a problem for several years."

Brown noted that Wyandotte County routinely lands at or near the bottom of the state's health rankings, largely due to the fact that residents' most common food sources are convenience stores and fast-food restaurants.

That could change soon, however, after a recent announcement by the Unified Government that a grocery store will be built in the heart of the downtown area.

"This is an amazing first step to providing affordable and healthy food to quite a lot of residents and people who work in the downtown area," said Katherine Carttar, director of economic development for the Unified Government, which is a consolidation of the governing bodies in Wyandotte County and City of Kansas City.

"For most people in this area, it's a minimum of a 20-minute drive to get to the closest grocery store, which is a bit too much. That leads

to people making poor food choices and we want to make sure that people have the most healthy food options. It's really important that we're able to provide access to food to a wide swath of our population here."

The new store — called The Merc Co+op — will be built on the southwest corner of 5th Street and Minnesota, a spot that is quickly becoming a hub of activity with a recently built hotel and the upcoming opening of the University of Kansas Health Center's Strawberry Hill campus.

"We're a consumer-owned cooperative, which means we are owned by people who shop at the store," said Rita York Hennecke, general manager of the Merc. "You don't have to be an owner to shop at the store, but we are 100% owned by the community."

The Merc has one other store — in Lawrence, where it has 8,000 customer-owners. "It's an amazing model that allows people to buy equity into this business and have a voice, and help shape the future of the co-op," Hennecke said. "When you're an owner you get a portion of the profits back at the end of the year. We are not in business to make a lot of profit. We are about people, planet and profits."

Perhaps even more compelling for local residents is that they will be able to provide input into what foods are available in the store.

"They have actually asked us about the labels and name brands that we want to buy," said French, who will be able to walk across the street from her home to the new store. "They are doing their research to see what the community wants as far as food products and affordability."

Brown said members of K-State Research and Extension's Wyandotte County office were instrumental in gathering the community's input.

In early 2019, the university awarded that office a Culture of Health grant through a program aimed at helping the state's extension professionals facilitate health initiatives in their communities.

"We used our Culture of Health grant to work with the Unified Government and the Merc and other organizations in the county, so we could listen to the community and engage them as we began this project," Brown said.

"Those listening sessions allowed us to hear from the community and educate people about what a co-op is and what it is not. It also allowed us to hear from those that normally are not talked to about what they would like when a grocery store comes in."

In all, about 350 residents were able to provide input regarding foods they would like to see in the new store.

"Being in a community that for a long time has been ranked as the most unhealthy in the state, it's good to have a grocery store that has a farmer's market in there, and that is being driven by community people," said Gary Enrique Bradley-Lopez, whose apartment is just a little over two blocks from where the new store will be built.

At a recent groundbreaking for the store, Kansas City mayor David Alvey called the moment "special because so many people of goodwill for many years and against many challenges sustained a passion to bring a grocery store to the people of our downtown neighborhoods."

The Merc Co+op is scheduled to open next spring, Hennecke said.

## LAND AUCTION

**384 acres of Morris & Dickinson County Land (2 tracts)**

**TUESDAY, SEPTEMBER 24, 2019 — 10:00 AM**  
 Sale held at the Herington Community building 810 South Broadway (South end of HERINGTON, KS by the fairgrounds)

**TRACT 1 — 320 ACRES**  
**Legal Description:** West half (W/2) of Section 21, Township 16 South, Range 5 East, Morris County KS  
**Land Location:** From Herington: (4 corners) 2 miles East on Hwy 58, then 1 mile South on 3000 road.  
**Land Description:** 131 acres cultivated cropland, 2.83 acres waterway and the balance is grassland. All of the cropland and waterway is in the SW/4 where the land lays and farms well having productive upland soils. The entire NW/4 is native grassland with approximately 26 acres being native grass hay meadow and the balance is pasture being grazed with livestock. The pasture is watered by a pond. The old farmstead site at the half mile line has a good water well, electrical service, and a few old farm buildings.  
**Crops/Possession:** Current growing crops are: 32 acres soybeans, 47 acres milo, 47 acres corn. Seller will retain the 2019 growing crops and possession will be given to the buyer immediately following harvest. Possession of the grassland will be given at closing.  
**IT IS POSSIBLE WE OFFER THIS FARM IN 2 TRACTS, OFFERING THE SOUTHWEST QUARTER SEPARATE FROM THE NORTHWEST QUARTER. PLEASE INDICATE TO US YOUR INTEREST SO WE CAN OFFER THIS PROPERTY TO YOU IN THE MANNER IN WHICH YOU WISH TO BUY IT!**  
**NOTE:** This farm offers diversity and productivity to your farming program which is important in todays markets!! The electrical service and water well on the old yard offer the opportunity for year round grazing on the farm utilizing resources from native grasses and planted crops or crop residues. We offer you the opportunity to buy one of the quarters or both to suit your program and expansion best.

**TRACT 2 — 64 ACRES**  
**Legal Description:** N/2 NE/4 Section 24, Township 16, Range 4 East, lying East of Hwy 77, Dickinson Co. KS  
**Location:** From Herington: (4 corners) 1 mile South on Hwy 77  
**Land Description:** 51 acres cultivated cropland all currently planted to soybeans. The balance is grassland and Lime Creek with running stream and woods.  
**Crops/Possession:** Seller will retain the 2019 Soybean crop and possession will be given to the Buyer immediately following harvest.  
**NOTE:** This is a very nice tract of productive cropland near Herington along Hwy 77. In addition to the benefit of the productive land this tract offers excellent hunting and recreational enjoyment along a running stream with woodlands that is just a skip from town.

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## Farm tour and discussion on risk management and specialty crop production to be held September 18

On September 18, K-State Research and Extension Douglas County, in cooperation with the Kansas Rural Center, will hold a farm tour and discussion at Juniper Hill Farms, 1547 N. 2000 Road, Lawrence, KS, 66044, from 3:00 pm to 4:30 pm.

The tour will focus on the challenges and opportunities for improved risk management in the production of fruit and vegetables and other specialty crops in Kansas. Many crop insurance options and other risk management programs that more common row crops have access to are either not available for specialty crops or can be challenging for specialty crop growers to utilize.

In order to raise awareness of these challenges and to help farmers connect with farm service providers, this workshop will provide a brief panel discussion of some of the challenges faced by specialty crop growers and then a tour of part of Juniper Hill Farms specialty crop production operations. Crop insurance agents, farm service providers and the general public with an interest in specialty crop production are encouraged to attend.

The event is free to attend, but registration is requested - <https://events.r20.constantcontact.com/register/eventReg?oeidk=a07egkoeibx7d457877&oseq=&c=&ch=>.

For more information, contact Tom Buller, 785-843-7058, [tombuller@ksu.edu](mailto:tombuller@ksu.edu).

## Day #1 of 2-DAY AUCTION SATURDAY, SEPTEMBER 28, 2019 — 9:00 AM

Due to health we will sell the following items at public auction at our residence located from WAMEGO, KS 6 miles East on Highway 24 to Belvue, then continue on 1.5 miles East of Belvue to Shoeman Rd., then 1/2 mile North to Oregon Trail Rd., then 600 feet West and 1/4 North to 5398 Ambush Road, BELVUE, KS.

**VEHICLES, CAMPER, ATV, CONSTRUCTION EQUIPMENT, TRAILERS, TRACTORS, FARM MACHINERY (sell last):** 1999 Ford F-250 3/4T 4WD ext. cab diesel pickup w/gooseneck hitch, 101,000 miles; 28' gooseneck camper w/slide out; 2000 Yamaha ATV; 6' pull behind finish mower for ATV; Ford dump truck; Case diesel 580 C Construction King backhoe w/extending bucket & front loader; Case diesel W14 B front end loader; John Deere 620 gas tractor w/loader & 3pt, nice; (2) JD 45 front loaders; (1) 6' bumper hitch utility trailers; (2) hay racks; boat trailer; PU bed trailer; 3pt. blade; 72" box blade; 28' semi trailer on wheels w/roll up rear door, for storage; 20' van box. **MOWERS & LAWN ITEMS:** Swisher 66" 27hp ZTR mower; 18hp lawn tractor w/42" deck; snow blower. **SHED, LUMBER & BUILDING MATERIALS:** All metal utility shed w/overhead garage door, approx. 12x20', to be moved; full set of Gates factory concrete forms & hardware in excellent condition; re-wire; pallet of natural stone; plywood; tin; 2x4 lumber; walnut & oak lumber; lots of banded cottonwood lumber 2x10s 16' long; 4x8 shelving boards; iron cat walks; steel studs; structural steel; PVC pipe; pipe fittings; electrical supplies; light fixtures; exhaust fan; concrete blocks; metal cabinets. **TOOLS & SHOP ITEMS (sell first):** Rockwell delta table; nice Craftsman power washer; 2500 ft. lb. 1" air impact; saw; creeper; bench grinder; cabinets w/parts bins; various drills; misc. carpenters tools; hand saws; various electric motors; belt sanders 12" band saw; table grinders; 36" barrel sander; 6' & 8' step ladders; ext. ladder; circular saw; drill press; 6" jointer; flood lamps; Sawzall American 14" bandsaw; wrenches; welding clamps; cutting torch; 4" shop lights; coil of 4" drain; 96 hole bolt bins w/bolts; (2) wooden ladders; anvil; air compressor; air hose; welding kit; welding bench w/vise; welding gloves; helmets; metal welding bench; chain saw; battery chargers; Craftsman tool chest; sheetrock working hand tools; 1/2" air wrench; misc. wrenches & tools; saw horses; block & tackle; wet/dry vac; Craftsman radial arm saw; power trowel; other cement tools; hand saw; power shears; hand sanders; routers; 2 man drill motor; drill motors & drill bits; assorted socket sets; end wrenches; impact motor; screw sets; mini leather; magnetizer; Fluke voly meters; pipe wrench; pipe threader; Crescent wrench set; tons of other shop supplies & misc. items.

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600-700#		\$146.00-\$129.50		<b>COWS-HIGH YIELDING</b>	
700-800#		\$143.25-\$130.00		1410#-955# \$74.50-\$61.00	
800-900#		\$136.00-\$132.00		<b>COWS-LGT WT &amp; LOW YIELDING</b>	
900-1,000#		\$122.25-\$108.00		1400#-895# \$60.00-\$45.00	
HEIFERS		BULLS:			
300-400#		\$149.00-\$138.00		2410#-1120# \$87.50-\$81.50	
400-500#		\$148.00-\$131.00			
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## AUCTION TUESDAY, SEPTEMBER 24, 2019 — 1:00 PM

Auction will be held at the farm located from the Intersection of Highways 24 & 81 6 miles East and 1/2 mile South on 200th Road or from MILTONVALE, KS 6 miles West on Highway 24 and 1/2 mile South on 200th road (377 N. 200th Road).

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like new; lift chair; Jazzey motorized chair; walnut end tables; TV stand; stereo system; assortment 33 & 78 records; large assortment Christmas & Easter; assortment household items.  
 John Deere Gator CX 2 wheel drive; 4 wheel flat bed trailer; iron gazebo; 10' x 10' utility building; 20' x 12' garage door; large assortment of other items.

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**Notes:** Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com). This is a very large auction, check pictures.

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# WABAUNSEE COUNTY FAIR 2019



Reese Michaelis of the Maple Hills Hustlers showed the champion breeding heifer. Judging the show was Scott Schaake.



Judge Scott Schaake chose the entry shown by Karsten Breiner of the Happy Valley 4-H club as the reserve champion breeding heifer.



Reese Michaelis of the Maple Hill Hustlers was the exhibitor of the champion market beef.



The reserve champion market beef was shown by Hunter Poppelreiter of the Maple Hill Hustlers 4-H club. She is pictured with judge Scott Schaake.



Kirwin Russell, Newbury, was at the halter of the champion bucket calf.



The reserve champion bucket calf was shown by Brody Greenwood of the Happy Valley 4-H club.



Danica Davis of the Maple Hill Hustlers drove the champion market hog. Joe Leibbrandt served as judge for the event.



The reserve champion market hog was shown by Kaylee Lukert of the Maple Hill Hustlers.



The champion market lamb was led by Kaylee Lukert of the Maple Hill Hustlers.



Tatum Miller of the Maple Hill Hustlers exhibited the reserve champion market lamb. He is shown with judge Bill Toews.

These area businesses would like to offer congratulations to all the Wabaunsee County 4-H'ers for another successful fair!

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# WABAUNSEE COUNTY FAIR 2019



The champion breeding ewe was shown by Ty Jones of the Maple Hill Hustlers.



Tallie Deever led the reserve champion breeding ewe. She is a member of the Happy Valley 4-H club.



Judge Bill Toews selected Aubrey Imthurn's entry as the champion market meat goat. She is a member of the Maple Hill Hustlers.



Teagan Ellis of the Newbury 4-H Club showed the reserve champion market meat goat.



The champion breeding meat goat was shown by DeAnna Smith of the Friendly Farmers 4-H club. Bill Toews judged the event.



The champion dairy goat was shown by DeAnna Smith of the Friendly Farmers 4-H club. She is pictured with judge Bill Toews.



Newbury 4-H club member Jordan Magette exhibited the reserve champion breeding meat goat.

**Photos by Tracy Capoun and Anna Lukert**



Pictured are winners of the round robin showmanship contest. From left are Judge Glenn Brunkow, Tate Deever (sheep), Kassidi Huff (goat), Round Robin Champion Jalyn Davis (beef), Danica Davis (swine), Kaylee Lukert (horse), Judge Tatum Brunkow. Photo by Karen Thowe

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# USDA launches investigation into fairness of cattle markets

On August 28 USDA Sec. Sonny Perdue announced USDA will launch an investigation to ensure that cattle markets have remained fair. As part of the announcement, Perdue directed USDA's

Packers & Stockyards Division to launch an investigation into recent beef pricing margins.

"If any unfair practices are detected, we will take quick enforcement action," Perdue

said. NCBA president Jennifer Houston praised Perdue's statement, adding that the announcement, "demonstrates the government's understanding of the extreme strain

placed on the cattle industry by the (Tyson Holcomb) plant fire."

Additionally, NCBA requested that the Department of Transportation (DOT) increase truck weights to help

move cattle across state lines and regions more efficiently. DOT responded saying truck weights cannot be raised without a Presidential Disaster Declaration which is issued in response to wide-

spread catastrophic events such as hurricanes, blizzards or major floods. NCBA, TCFA and other groups continue to work with state and federal agencies to increase hours of service.

# Questions of organic matter examined and explained

By James Coover, Crop Production Agent, Wildcat Extension District

Soil organic matter is one of the oddest components of soil. Although it comprises a small percentage of total soil volume and weight, it completely changes the color, nutrient transfers, cation exchange capacity and water holding capacity.

What is soil organic matter?

In simple terms organic matter is complex matrix that is 50% carbon that forms long twisted chains connected to oxygen, hydrogen, phosphorus, nitrogen, sulfur, and other nutrient elements that comprise the other 50%. Organic matter is very light and fluffy which allows it to hold lots of water and gives it plenty of

edges in which to hold cations. It can hold onto some anions like nitrates as well. For water holding capacity, organic matter can hold ten times its weight in water and every 1% increase in organic matter, increases water holding capacity by half-gallon per foot. That's over 20,000 gallons per acre. Every year 3 to 5% of total organic matter decomposes, and every 1% organic matter in the soil releases 20 pounds of nitrogen and a couple pounds of phosphorus. Besides the more well-known effects of increasing water percolation, holding capacity, and releasing nutrients, it also has more subtle effects like acting as a chelate for micro metals, increasing their availability to plant roots.

One question that many

people ask is how much material or stover does it take to make organic matter. In a very general sense, it takes ten pounds of material to make one pound of organic matter. Calculated out that means it takes 100 tons field stover per acre to increase organic matter 1%. The increase of organic matter is a long process. It takes years of intensive conservation practices to truly change the percentage of organic matter. Over the years as an extension agent I've heard of organic matter-building "compounds" or "micro-organism solutions" but there isn't a lot of science to their benefit. The natural biome of the soil has plenty enough microbes to break down field stover. The only help soil microbes really ever need is the

occasional extra nitrogen to decrease the carbon to nitrogen ratio of high carbon material like wheat straw.

Is all organic matter the same?

Organic matter is divided into a number of pools and there a few different ways in which organic matter can be classified, but in general, most are based largely on how easily it is to break down. Some organic matter only last a couple of years while some is so tightly bound that microbes can't get to it and can last centuries.

Plant Residue - This first pool isn't really so much soil organic matter as it is field stover composed of stalks, leaves, and anything left behind after harvest. Most of it is broken down in a few weeks

to a couple of years.

"Active" organic matter - Active organic matter is that which in transition and will be decomposed in a few years' time. Some of it the plant sugars and cellulose, some of it the decomposing plant material, while some of it the living and dead micro-organisms.

Humus - This pool is what we think of when we think organic matter. It is old carbon that could be decades to centuries old and gives soil its dark brown and black colors.

Recalcitrant organic matter - Really this is just "advanced" humus that is very difficult to break down and could be around for centuries.

While humus is the organic matter we want because it will stick around for a long time, it takes lots of "active" organic matter to get there. This is also why testing for a change in organic matter right after a change in farming practices won't tell you anything. "True" organic matter humus takes years to make.

What field stover makes organic matter?

The first pool, plant residue, can be very diverse and what makes up that residue can affect the processes it goes through down the organic matter chain. In general, material high in lignin is harder for microbes to break down and it more likely to create lasting organic matter. To break down lignin, microbes need some seriously strong attack methods that involve creating strong acids to break the bonds that hold lignin together. Usually it's the fungus in the microbial world that specialize in the lignin breakdown. Hemicellulose is the next level and is slightly easier for microbes to break down while cellulose is the easiest for microbes to consume. Field stover like corn and soybean stalks and wheat straw are fairly high in lignin and wood pulp is nearly all lignin. Basically, if it makes good cattle forage, it probably doesn't have much lignin.

How is organic matter

formed?

The lignin theory - Lignin theory is the concept that organic matter is created mainly from microbes' inability to break down lignin. While some parts of lignin get chewed on, microbes are never quite able to break the whole thing down before gets bound into a complex. By this understanding only lignin is able to create organic matter while cellulose is completely broken down. This is of course not entirely accurate as organic matter can be formed without any lignin. A fair share of organic matter likely comes from not what dead plants fell onto the soil surface but from the sugars that living plants are pumping down through their roots to feed the soil micro-organisms that benefit them.

The polyphenol theory - The polyphenol theory is the understanding organic matter is the by-product of microbes and plants, where simpler carbon chains, the polyphenols, bind together in large chains to form large organic matter complexes. This would allow nearly any kind of plant material to make organic matter. Likely is a combination of both the lignin and polyphenol theory that forms organic matter.

No matter what it is or how it's made, organic matter has a unique and dramatic role within the soil. Any effort to build organic matter will need to be a long term plan but the added benefits are diverse, large and lasting. You can't change your soil's texture or its location, the only part that can be change is how much organic matter it has. To increase organic matter it needs to be treated like any other living organism by being fed consistently (cover crops and diverse rotations) and treated nicely (reduced tillage and soil conservation).

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




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### Report from September 4, 2019

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4	239	205.00	12 (ohio)	333	135.00
4	283	180.00	22 (ohio)	389	134.00
10 (ohio)	324	160.00	3	632	132.00
22 (ohio)	383	155.00	4	806	120.50
8 (ohio)	439	152.00	5	874	117.50
27 (ohio)	483	148.00			
6	709	144.00	<b>TOP BUTCHER COW:</b>		
2	783	126.00	<b>\$68.50 @ 1,483 lbs.</b>		
7	850	122.50	<b>TOP BUTCHER BULL:</b>		
			<b>\$89.50 @ 1,735 lbs.</b>		

PAIRS SOLD FROM: \$1850-\$1850

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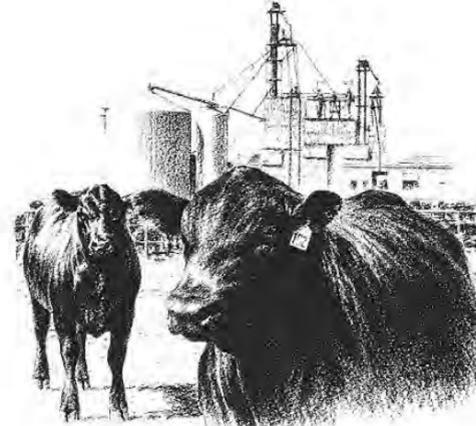
### 6:30 PM

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23 blk.....	501@165.00
5 blk.....	624@134.00
<b>HEIFERS</b>	
7 blk.....	666@145.00
12 blk.....	673@139.50
6 blk.....	398@153.00
16 bkbwf.....	660@139.00
8 blk.....	459@150.00
24 blk.....	743@145.50
5 blk.....	478@146.00
7 mix.....	729@139.00
10 blk.....	637@135.00
71 bkbwf.....	747@138.75
9 bkbwf.....	711@132.25
33 bkbwf.....	792@137.00
139 mix.....	732@131.50
7 blk.....	766@134.50
6 mix.....	717@129.50
119 blk.....	878@138.00
5 blk.....	838@136.75
6 blk.....	773@125.00
116 bkbwf.....	846@136.00
106 mix.....	858@124.25
17 mix.....	848@134.00
5 bkbwf.....	825@124.00
5 blk.....	843@133.75
12 blk.....	961@122.50
6 mix.....	887@130.00
98 mix.....	942@120.00
10 mix.....	863@125.00
<b>STEERS</b>	
54 blk.....	948@132.10
7 blk.....	414@176.00
11 mix.....	901@131.50
13 blk.....	424@175.00
89 bkbwf.....	935@130.75

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KCLY-Fm 100.9  
Tues. 6:45 a.m.

# Cowboy Up

by Ron Wilson  
Poet Lariat



## Fair Flurry

In my years of working with horses and other livestock, I have learned certain basic low-stress animal handling principles which every rider, handler, or trainer should follow. These include: Stay calm. Focus on one task at a time. Be organized. Plan for delays or interruptions. Don't

rush. Don't hurry. Allow plenty of time for the task.

Now that I have compiled this list of principles, imagine someone doing the exact opposite of every one of those. Then you have a picture of my family getting ready to go to the fair.

At the last minute before

fair time, it seems lots of stuff needs to get done. There's the baking and the sewing and the Legos and the photos. "Did the computer eat the script?!" "Why does it have to be THAT kind of flour?!" "Where did you put those photo mats?!" "Who, me?!"

It's no better at the barn. Feed, hay, buckets, feeders, signs, show sticks, halters, blowers, brushes, and more all need to be gathered and loaded. Then there's show clothes. Don't forget safety pins to attach the exhibitor number on the back of the shirts.

Having multiple kids showing multiple species seemed to be a good idea at the time, but now all those animals have to be cleaned and loaded. Of course, that's when the trailer tire goes flat. "What time does the weigh-in end again?!" All those principles of livestock handling begin to be strained. Time gets away from me somehow. One morning after the fair I decided to take an early morning horseback ride. It unintentionally became a half-day ride, thanks to me not paying attention — but it was worth it! (see following poem).

The deadline of the fair seems to cause lots to get done, but it can be stressful. My wife, as faithful readers will know, is a genius. Somehow she manages to be organized and support the kids while staying calm in the middle of the chaos. For a ranch wife, multi-tasking is all in a day's work, I guess.

When it's all over, we get to see the young 4-H member's feeling of accomplishment. Even though the process was hectic, they have grown and learned.

Our kids have aged out of 4-H now, so I look back on those crazy pre-fair days with wonder. Now I have somehow gotten talked into bringing animals to the fair for our county Farm Bureau petting zoo. I'm loading animals, feed and feeders just like the good ol' days. At least we're not worrying about purple and blue ribbons. That makes it low-stress livestock handling.

## Consider germination testing for cereal crops

By David G. Hallauer, Meadowlark District Extension Agent, Crops & Soils/Horticulture

Any discussion about cereal crop seeding rates should include at least some consideration of germination levels. Leaving it as an unknown can wreak havoc for the seeded crop.

For wheat growers, germination testing could become very important this year due to the head scab (Fusarium head blight) issues we experienced. Because of its effect on seed quality, the disease is known to cause germination issues. For that reason, a germination test for wheat seed is highly recommended, with results best interpreted by a professional.

Those seeding cover crops may want to consider germination testing as well. It's the only way to know if you are getting close to a desired viable seeding rate, and can help eliminate a potential cause of emergence issues should they arise.

For an official seed germination test (\$17.00), send a two-pound sample to the Kansas Crop Improvement Association located at 2000 Kimball Ave. in Manhattan (66502). A sample submittal form can be printed from the KCIA website at: [www.kscrop.org/seed-lab.html](http://www.kscrop.org/seed-lab.html). Results are usually available in ten days to two weeks, so plan ahead for sample submission.

Home testing is an option as well, using a simple method involving paper towels, a rubber band, and a plastic bag. If done correctly, you can have results in ten to 15 days.

If you are selling seed, make sure you are doing so according to the Kansas Seed Law. You can find it online at: <https://www.kscrop.org/seed-law.html>.

## New ethanol method makes it more viable to turn agricultural waste into renewable fuel

By Alayna DeMartini, Ohio State University Extension

Although the stalks and leaves of a corn plant can be turned into ethanol, the high cost of collecting, storing and transporting the material has limited its use in producing the fuel.

Ajay Shah, an agricultural engineer with the Ohio State University College of Food, Agricultural and Environmental Sciences (CFAES), is testing a method that could cut the cost of collecting and delivering corn plant material for making ethanol by up to 20%.

"We have an opportunity to significantly cut the cost of taking agricultural waste and turning it into a sustainable fuel." — Ajay Shah

Shah just received a \$1 million grant from the USDA to test the effectiveness of a new method that harvests and transports corn plants intact, the ears together with the stalks. Shah's strategy has the potential to spur the lagging industry of so-called cellulosic ethanol — ethanol produced from the inedible parts of plants (most commonly corn plants in the United States).

"We have an opportunity to significantly cut the cost of taking agricultural waste and turning it into a sustainable fuel," said Shah, an assistant professor in CFAES' Department of Food, Agricultural and Biological Engineering (FABE).

Gasoline purchased at the pump includes up to 10% ethanol, which is alcohol produced by fermenting corn kernels. Currently, ethanol produced from the inedible parts of the corn plant makes up less than 1% of the U.S. ethanol market.

However, there's potential for tremendous growth if there's a cheaper way to collect and deliver the plant material to turn it into ethanol, said Shah, an assistant professor and head of the BioSystems Analysis Lab at CFAES.

The system still would gather about half of the corn

plant, leaving the remaining dry cornstalks in the field to prevent erosion and return organic material and its associated nutrients to the soil.

"It could have a huge economic impact if it's adopted by the biorefineries," Shah said of the new strategy for collecting and delivering corn plants with ears and stalks intact.

Through the grant, Shah will work with farm equipment companies to develop machinery that could be used for the system and could eventually be put on the market.

"We're working on improving the efficiency of everything from harvest to processing at a biorefinery," Shah said. "We are focused on reducing the cost and environmental impacts of logistics."

Collecting and delivering the plant material can cost up to \$100 per acre, which can account for up to half the cost of producing ethanol with that plant material, Shah said.

The system Shah is testing involves harvesting the corn plant so the ears and a portion of the stalks are not separated in the field but are sent as a single package to the biorefinery. Separating the corn kernels from the rest of the plant requires a combine, which is expensive and currently used

in the field only a few months of the year.

If, instead, the farmer were to collect the cobs and stalks at the same time, he or she could then have them baled and stored on the farm or at a centralized storage location. A stationary machine that separates the grain from the rest of the plant could operate throughout the year, maximizing its use.

Additional cost savings can result from the delivery of the bales. Baling the corn plant material has been a challenge because it is difficult

to compact into dense bales, resulting in additional costs to transport it. The bed of a truck may be filled before its weight capacity is met. So Shah has been testing various ways to compact and bale the whole corn plant, including the ears with grain, so that the bales are more dense. The more densely packed the bales, the cheaper it is to transport them.

Besides Shah, other CFAES researchers involved in the project are Scott Shearer and Sami Khanal of FABE; Katrina Cornish of FABE and the Department of Horticulture and Crop Science; Steve Culman from the School of Environment and Natural Resources; and Jon Witter from Ohio State ATI.

## Horse Holiday

By Ron Wilson, Poet Lariat

I had to go to work, but it was still early yet.

A thought came to my brain, and soon my mind was set.

I calculated minutes as the morning clock I eyed,

And thought, "Hey, I've got time to get in a horseback ride."

It would have to be quick, but I'd missed time on my horse.

We'd just been too darn busy to get in a ride, of course.

The weather would get hot, all the forecasters say,

So it made a lot of sense to ride early in the day.

I got my gelding saddled. The day was nice and clear:

A great day for a ride in a pretty time of year.

I rode on down the lane, went to check the upper pond,

Then took a Flint Hills trail of which I'm very fond.

We lingered in the valley, detoured through the glade,

And followed an old path

which the cows or deer had made.

We enjoyed the hilltop view with its panorama vast,

And then I checked my phone:

"Holy smoke, two hours passed!"

I'd enjoyed the pleasant ride

and the morning hilltop climb,

To the point that I had totally lost track of all the time.

I galloped to the barn and unsaddled my old boss,

Tryin' to think how I'd explain this to the boss.

I hurried in to work to meet the office norm,

But they said I had to fill out some type of leave form.

There were different kinds of leave

from which I had to pick,

But it's not like a vacation and I surely wasn't sick.

I considered makin' up some kind of far-fetched story,

But instead I created a brand new category.

After thinkin' how to say it in a way they would believe,

Under "other," I wrote in two hours of "equestrian leave."

Happy Trails!

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## Fall crops lagging but generally in good condition

For the week ending September 1, 2019, there were 4.4 days suitable for fieldwork, according to the USDA's National Agricultural Statistics Service.

Topsoil moisture supplies rated 3 percent very short, 13 short, 71 adequate, and 13 surplus. Subsoil moisture supplies rated 2 percent very short, 14 short, 76 adequate, and 8 surplus.

Field Crops Report: Corn condition rated 4 percent very poor, 12 poor, 34 fair, 40 good, and 10 excellent. Corn dough was 90 percent, behind 95 last year, and near 94 for the five-year average. Dented was 65 percent, behind 80 last year and 72 average. Mature was 16 percent, behind 34 last year

and 26 average. Harvested was 1 percent, near 5 last year and 4 average.

Soybean condition rated 3 percent very poor, 8 poor, 36 fair, 46 good, and 7 excellent. Soybeans blooming was 94 percent, behind 99 last year, and near 98 average. Setting pods was 83 percent, behind 92 last year and 89 average. Dropping leaves was 3 percent, behind 9 last year, and near 7 average.

Sorghum condition rated 2 percent very poor, 7 poor, 29 fair, 53 good, and 9 excellent. Sorghum headed was 90 percent, behind 96 last year and 95 average. Coloring was 39 percent, behind 57 last year and 50 average. Mature was 1 percent, behind 6 last year, and

near 5 average.

Cotton condition rated 6 percent very poor, 15 poor, 38 fair, 37 good, and 4 excellent. Cotton squaring was 96 percent, near 100 last year and 97 average. Setting bolls was 81 percent, behind 94 last year, but near 78 average. Bolls opening was 4 percent, behind 16 last year and 13 average.

Pasture and Range Report: Pasture and range conditions rated 1 percent very poor, 6 poor,

25 fair, 58 good, and 10 excellent.

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2 bk rd 708@137.00	3 bk bwf 638@130.00	12 bk (clvs)785@121.00
3 bk rd 828@134.50	6 bk rbf 724@129.00	
4 bk 1025@124.00	5 bk 630@127.00	2 Brangus 390@159.00
		2 bk 518@141.00

Butcher Cows: \$45-\$77, mostly \$63-\$75, steady & very active. Butcher Bulls: \$79.50-\$95, mostly \$87-\$94, steady & very active.

BUTCHER COWS	BUTCHER BULLS
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1 bwf 1830@77.00	1 bk 1905@94.00
1 bk 1670@76.00	1 Brangus 1850@93.00
1 bk 1320@75.00	1 wf 1990@92.00
1 bk 1490@75.00	1 bk 1840@88.50
3 bk rbf 1440@75.00	1 bk 2115@87.00
2 bk 1318@75.00	
2 bk 1503@74.00	

- EARLY CONSIGNMENTS FOR SEPTEMBER 12**
- 30 bk bwf steers & heifers, 300-500 lbs., off the cow
  - 110 blk bwf steers & heifers, 500-700 lbs., off the cow
  - 150 mostly black steers, 750-900 lbs., off the grass
  - 110 mixed steers & heifers, 700-850 lbs.
  - 60 blk bwf rbf steers, 900-925 lbs., homeraised, off the grass
  - 50 mostly black steers, 750-825 lbs., off the grass
  - 50 red Charolais heifers, 725-775 lbs.
  - 95 blk Char steers & heifers, 550-750 lbs., weaned & vacc., hfrs open
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**Tues., September 24<sup>th</sup> - Holstein Special**  
**Fri., October 4<sup>th</sup> - Catalog Colt Sale**  
**Sat., October 5<sup>th</sup> - Catalog Horse Sale**

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**Market Report - Sale Date 9-5-19. 2073 Head.**

300-400 lb. steers, \$160-\$183; heifers, \$129-\$140; 400-500 lb. steers, \$145-\$166; heifers, \$119-\$149; 500-600 lb. steers, \$142-\$161.50; heifers, \$106-\$145; 600-700 lb. steers, \$121-\$162.50; heifers, \$101-\$143; 700-800 lb. steers, \$111-\$140; heifers, \$101-\$132.25; 800-900 lb. steers, \$117-\$135.50; heifers, \$100.50-\$123. **Trend on Calves:** Calves under 700# mostly steady on good demand for Choice Weaned Calves. **Trend on Feeder Cattle:** \$3-\$4 lower across board. **Butcher Cows:** High dressing cows: \$63-\$71; Avg. dressing cows: \$49-\$60; Low dressing cows: \$21-\$41. **Butcher Bulls:** Avg. to high dressing bulls: \$65-\$85.50. **Trend On Cows & Bulls:** mostly steady.

HEIFERS	18 blk	720@132.50	
27 mix	499@149.00	66 mix	831@123.00
18 blk	590@144.00		
58 mix	619@143.00	24 blk	604@162.50
70 mix	665@138.00	37 blk	683@151.50

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**MARKET REPORT FOR TUESDAY, SEPTEMBER 3, 2019**  
RECEIPTS: 907 CATTLE  
**VIEW FULL RESULTS ON OUR WEBSITE.**

STEERS	HEIFERS
3 rfw blk str 448@166.00	4 blk bwf hfrs 378@146.50
3 bwf blk str 508@164.00	4 blk hfrs 312@146.50
13 blk str 556@163.50	27 bwf rfw hfrs 646@143.50
9 blk str 595@156.50	4 bwf hfrs 511@142.50
15 blk bwf str 623@155.00	15 blk bwf hfrs 552@140.25
20 blk red str 610@154.50	14 mix hfrs 653@138.00
5 blk str 649@152.00	26 char hfrs 730@138.00
23 bwf rfw str 710@150.75	28 blk red hfrs 605@137.50
38 blk red str 712@147.50	12 blk bwf hfrs 667@137.00
18 blk bwf str 765@146.75	30 bwf rfw hfrs 727@135.25
11 blk str 726@146.00	18 blk red hfrs 710@133.25
6 blk str 693@145.00	14 blk red hfrs 663@131.75
17 blk str 760@142.75	7 blk char hfrs 672@130.50
28 bwf rfw str 792@142.75	24 blk hfrs 749@128.75
6 blk red str 702@141.50	17 blk hfrs 758@127.75
13 blk char str 843@133.75	34 blk red hfrs 734@127.75
7 blk red str 825@132.00	60 mix hfrs 817@125.75
11 blk gry str 876@127.00	

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