

Kansas Farmer Veteran Coalition, Farmers Union to host Fall Farm Tour Series

Make plans to attend several farm tours on four Mondays this fall with the Kansas Farmer Veteran Coalition and Kansas Farmers Union. Following the morning tours, participants will share lunch and interact with an educational speaker on a topic that enhances what was viewed on the morning tour.

The KFVC & KFU Fall Farm Tour Series kicks off at Oregon Trail Farm (18962 Santa Fe Trail

Leavenworth, KS 66048) on Monday, September 19 at 9:00 a.m. Having served 28 years in the Army with numerous deployments,

11 duty stations, and three combat tours, Ken and Cindy DeVan settled near Fort Leavenworth, KS. Upon retirement from the Army, they decided to start their own berry farm in Kansas on a quaint piece of property on Santa Fe Trail along one of the trails of the Oregon Trail leaving Fort Leavenworth. To help with blueberry pollination they've grown from the three original beehives to 28 hives, now at 3 locations in Kansas. They have also added a small orchard and delved into growing some of the world hottest peppers, if you dare.

The group will then proceed to Jet Produce and Meats (26617 Tonganoxie Rd

Leavenworth, KS 66048) a small family farm, founded in 2012. They specialize in a diversity of products, growing a wide variety of vegetables and fruits, eggs, beef, pork, lamb, and chicken. During summer break from Iowa State University in 2012, Jacob Thomas founded JET Produce with the goal of producing high quality fruits and vegetables for Leavenworth and the surrounding area. In 2014 JET Produce expanded into the meat

market by offering high quality, USDA inspected, grain-finished Angus beef raised on his family's farm. Cage-free chickens were also added to the farm to offer fresh eggs to customers. The farm sells at the Leavenworth, Lawrence and Lenexa farmers markets.

The third and final stop will be Z&M Twisted Vineyard (24305 Loring Road Lawrence, KS 66044). The vineyard is an enchanted place where Twisted magic is happening. One visit to the Z&M vineyard and you know that you have entered a special

spot. They grow their own grapes and purchase produce from local farmers. To create their hand-crafted, signature wines, they use only the best produce and handle each batch with care. A local foods lunch sponsored by Farm Credit will be served at noon followed by a presentation by Becky Crook - Produce Manager at The Merc Co-op, on "FSMA Rules: What Producers Need to Know." Katelyn Stull, food safety associate with K-State Research & Extension will also present on timely food safety topics following lunch at

each tour.

This set of tours is a collaboration of Kansas Farmers Union, Kansas Farmer Veteran Coalition, and Kansas Grazing Lands Coalition. Local food lunches are graciously sponsored by Farm Credit. All tours are open to everyone, and registration is requested to make adequate plans for lunch and handouts. For more information on this and the other tours, and to register, please visit www.kansasfarmersunion.org/events or contact Mary Howell at kfu.mary@gmail.com or call 785-562-8726.

The myth of the calcium-magnesium ratio

By James Coover, crop production agent, Wildcat Extension District

In farming, there are a lot of theories and ideas, and a fair number of old wives' tales. Old wives' tales such as it will always rain 40 days after a heavy fog, persimmon seeds predicting winter snows, and all sorts of things that should be done when various tree leaves are the size of a squirrel's ear. Unfortunately, the idea of proper soil fertility or soil structure having to do with the ratio of calcium to magnesium is more a wives' tale than agronomic reality. There is rarely a need to change the ratio in the usual clay and clay loam soils we have around here, and attempting to change the ratio takes large quantities of material. Furthermore, changing the ratio will unlikely lead to better yields or have lasting effects on soil structure.

The rationale of the ratio states that an 'ideal'

ratio of calcium (Ca) to magnesium (Mg) should be somewhere between 5:1 to 8:1, and that Ca should occupy between 60 to 75% of the exchangeable CEC sites (along with 10-20% Mg, 3-5% K, and 15% other cations). However, there is quite a bit of acceptable variation in base saturation (quantities of Ca, Mg, K, Na, etc. on the CEC exchange sites) allowable depending on the soil type. Studies out of Iowa and Minnesota showed their unaltered soils had Ca:Mg ratios between 1.5 to 4. Personally, I've seen soil tests around here with Ca:Mg ratios closer to eight to ten, though that is based on a very limited number of tests.

The theory of the Ca to Mg ratio is based within sound soil and plant chemistry logic, even though it doesn't pan out into the field scale. Calcium and magnesium are both necessary nutrients and function similarly in plants and soil. The the-

ory is that a high ratio of Ca is needed or the Mg will prevent the Ca from being plant-available, or even reducing adsorption into plant roots. When it comes to soil structure, the calcium ion (Ca²⁺) is more condensed while the magnesium ion (Mg²⁺) is more 'fluffy.' The idea is that more Ca will tend to flocculate, or "open up" the soil because the Ca will tend to bind soil particles tighter. This leads to more opening for air and water infiltration.

It is also important to understand that like many immobile soil nutrients, there is a large and tightly bound 'calcitrant' pool of Ca and Mg in the soil and a much smaller 'exchangeable' pool of Ca and Mg that can be adsorbed by plants. Clay soil often have exchangeable Ca levels above 2,500 ppm while deficient soil is below 400 ppm range. Magnesium levels are generally in the hundreds while low is considered

below 30 ppm. This depends on the soil test being used.

While the theory of the Ca:Mg ratio states there is a delicate balancing act between the two, numerous studies have shown very little yield differences when Ca to Mg ratios were altered. The studies show that as long as both nutrients had adequate exchangeable quantities in the soil, deficiencies were unlikely, at least within our types of soils. Sandy soils being much more likely to be deficient in Ca and Mg. Plant availability of both nutrients are controlled by pH and deficiencies are also possible in highly acidic soil, even with higher nutrient levels. It has little to do with ratios though, but actual quantities of soil test nutrients.

There are extreme cases where there can be too much Mg to Ca. A study out of Michigan did show that when the ratio of Ca:Mg dropped below

1, meaning more Mg than Ca, adsorption issue could arise. Our heavy clays though have a parent material background with plenty of Ca and a good amount of Mg, but there is much more Ca than Mg. This is why we normally don't test for Ca or Mg in a standard soil test. Deficiencies are because of pH, not nutrient quantities or ratios. There simply isn't a need to know unless the CEC is desired.

The other part of the Ca:Mg theory that has to do with soil structure has also been studied, and also fails to show importance. Numerous studies have shown little infiltration or bulk density differences when Mg saturation was decreased or Ca saturation was increased. The improvement of structure can be achieved under extreme conditions in the lab, but doesn't pan out in the field. Under normal conditions, the addition of Ca in the form of ag

lime or gypsum will have little effect on water infiltration in the long term. Only in the situation of sodic-saline soils does remediation of Ca cation exchanging for sodium (Na), create better soil flocculation and less soil crusting.

It's odd that this idea of the 'proper' Ca:Mg is still around as it has been researched and disproven in studies going back 40 years. Now it has moved from plant fertility into the realm of soil health, where it still is inaccurate. Basically, gypsum is a good source of sulfur and ag lime can alter pH, but the calcium is more of a carrier than providing any lasting benefit. The ratio of Ca to Mg, or even the quantities in the soil, is just not something we need to worry about in our clay soils.

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



MANHATTAN COMM. CATTLE AUCTION

CO. INC. EVERY FRIDAY



1-800-834-1029
Toll-Free

STARTING 10:00 A.M. ON WEIGH COWS
FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.
OFFICE PHONE 785-776-4815 • OWNER JOHN CLINE



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

ONLINE BIDDING AVAILABLE AT LMAAUCTIONS.COM

For our sale Friday, Sept. 9, light steer & heifer calves were in very good demand at fully steady prices. Stocker feeder cattle also were finding good interest at firm prices especially on the weaned fall calves and the yearlings off grass. Cull cows were selling steady with many lower quality cows being offered.

STEERS CALVES — 550-875 LBS.

Onaga	12 blk	595@205.75
Corning	3 blk	555@205.50
Tonganoxie	4 blk	610@201.00
St. George	12 blk	651@194.00
Manhattan	5 blk	658@194.00
Dwight	3 bwf	605@193.00
Westmoreland	4 blk	590@191.50
Alma	14 blk	679@191.00
Tonganoxie	9 blk	699@190.00
Manhattan	8 xbred	732@187.50
Greenleaf	11 xbred	612@185.00
Frankfort	53 xbred	870@184.75
Leonardville	4 wbf	701@184.00
Dwight	3 bwf	783@182.00
Alma	15 xbred	842@173.00
Manhattan	6 blk	780@171.00
St. George	5 blk	761@162.00
Alma	7 blk	770@135.00

STEERS — 375-550 LBS.

Onaga	6 xbred	452@228.00
Dwight	6 xbred	389@223.00
Corning	5 blk	456@223.00
Greenleaf	13 blk	403@219.00
Onaga	10 blk	505@212.50
St. George	3 blk	500@209.00
Greenleaf	42 blk	528@203.75
Greenleaf	3 blk	546@196.00
Wamego	3 xbred	395@186.00

HEIFER CALVES — 350-475 LBS.

Dwight	8 xbred	393@196.50
Greenleaf	4 Char	401@195.00
Greenleaf	4 blk	351@184.00
Greenleaf	7 blk	470@183.00

HEIFERS — 550-900 LBS.

Westmoreland	4 blk	561@199.00
Westmoreland	10 blk	567@193.00
Tonganoxie	7 blk	585@190.50
St. George	7 blk	651@184.00
Olzburg	5 blk	631@174.50
Manhattan	4 blk	693@171.00
Blue Rapids	8 blk	709@169.50
St. George	9 blk	558@169.00
Morganville	6 blk	690@165.00

Blue Rapids	4 blk	770@163.00
Morganville	6 blk	818@159.00
St. George	3 xbred	773@158.00
Junction City	11 Hereford	881@150.50

COWS & HEIFERETTES — 850-1,900 LBS.

St. George	1 bwf	920@145.00
Manhattan	1 blk	885@132.00
Emmett	1 Char	985@119.00
Blue Rapids	1 blk	1260@116.00
Tonganoxie	1 blk	1615@97.00
Tonganoxie	1 blk	1370@96.50
Westmoreland	1 blk	1680@94.00
Westmoreland	1 blk	1890@93.50
Randolph	1 blk	1410@92.00
Randolph	1 blk	1425@89.00
Westmoreland	1 blk	1725@88.00
Olzburg	1 blk	1420@87.50
Olzburg	1 blk	1375@85.50
Dodge City	1 blk	1390@82.00
Dodge City	1 blk	1305@79.00
Wamego	1 blk	1250@77.00
Axtell	1 Hol	1635@75.00
Dodge City	1 blk	1310@74.50
Axtell	1 Hol	1565@74.50
Dodge City	1 blk	1315@73.00
Wamego	1 blk	1320@71.50
Wamego	1 blk	1280@71.00
Dodge City	1 blk	1030@69.00
Dodge City	1 blk	1155@68.00
Dodge City	1 blk	1155@64.50
Axtell	1 Hol	855@63.50

BULLS — 1,475-2,000 LBS.

Olzburg	1 Herf	1860@112.50
Randolph	1 Char	1575@110.00
Olzburg	1 Herf	1985@105.00
Olzburg	1 Herf	1745@102.50
Seneca	1 blk	1490@101.00

COWS

	AGE	MO	
Randolph	2 Ang	3	7-8 @1700.00
Randolph	1 Ang	6	8 @1575.00
Dodge City	6 blk	6-8	7-8 @1550.00
Dodge City	5 blk	SS	7-8 @1250.00
Dodge City	6 blk	6	3-4 @1125.00
Dodge City	11 blk	7-8	3-4 @1110.00
Dodge City	18 blk	SS	3-4 @1110.00

BABY CALVES

Manhattan	1 bwf	@485.00
Wamego	1 blk	@385.00
Manhattan	1 blk	@350.00
Green	1 bwf	@250.00

Axtell	3 blk	@135.00	Axtell	1 Hol	@75.00
Axtell	1 blk	@90.00	Axtell	2 Hol	@60.00
Linn	1 blk	@80.00	Axtell	2 Hol	@45.00
Axtell	3 Hol	@80.00			

EARLY CONSIGNMENTS FOR SEPT. 16

SELLING AT 11:00 A.M.

- 7 Angus cows, 7-SS, bred Angus for Feb.-March calving.
- 30 blk, bwf & Red Angus Fall bred cows (3-5 yrs). Bred to Red Angus or SimAngus bulls

EARLY CONSIGNMENTS FOR SEPT. 23

- 25 Red Angus cross str & hfrs, Spring shots, poured, 400-500#
- 45 Choice reputation Angus replacement quality hfrs, weaned, 650-750#
- 7 Angus str (weaned) 700-750#
- 10 choice blk bwf replacement OCV hfrs, 2 rds breeding shots, weaned, pelvic measured, 650-750#
- 32 Choice Angus str & hfrs, 2 rds shots, weaned April, 600-700#
- 40 choice Ang str & replacement quality OCV hfrs, Green condition, long weaned, 2 copml. rd shots, 700-750#
- 20 choice SimAng str, long weaned, 2 rds shots, 700-800#
- 39 blk bwf str & hfrs, off grass, long weaned, 550-750#
- 40 SimAngus str & hfrs, weaned, shots, 600-775 lbs.

EARLY CONSIGNMENTS FOR SEPT. 30

- 120 blk bwf steers, off grass, 775-875 lbs.
- 33 Red Angus steers, off grass, 775-875 lbs.

SPECIAL STOCK COW AND BRED HEIFER SALE

WED., OCT. 12 • STARTING 11:00 AM

1ST CALF HEIFER PAIRS

- 11 big fancy gentle Angus 1st calf hfrs with 5-8 week Angus sired calves by side. (Hfrs have breeding shots/ calves all worked)
- 40 big fancy gentle Blk Angus 1st calf (OCV) hfr pairs with big stout 100 day old calves by side. All calves are AI sired by Gardner 100X. Mothers given 2 rounds of scourguard and virashield 6 + VL5. Calves given 1 round of pink eye, blackleg, 2 rounds of inforce 3. Bull calves banded.
- 10 big fancy gentle Red Angus 1st calf (OCV) hfr pairs with big stout 100 day old calves by side. Calves are sired by Mushrush red angus. Mothers given 2 rounds of scourguard and virashield 6 + VL5. Calves given 1 round of pink eye, blackleg, 2 rounds of inforce 3. Bull calves banded.

PAIRS

- 18 Red Angus cows, 3-8 yrs, w/45-60 day calves by side.

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

2022: October 12; November 16; December 14

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

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

BRENT MILLER
ALMA
785-765-3467
Cell: 785-587-7824

TOM TAUL
MANHATTAN
785-537-0036
Cell: 785-556-1422

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

SAM GRIFFIN
BURNS
620-726-5877
Cell: 620-382-7502

ALAN HUBBARD
OLSBURG
785-468-3552
Cell: 785-410-5011

DAN COATES
BALDWIN
785-418-4524

ANDREW SYLVESTER
WAMEGO
785-456-4352

LARRY SCHRICK
EASTON
913-547-1315

Kansas Hay Market Report

Compared to the last report, the hay market remained mostly steady on good demand. Producers in many parts of the state were relieved to see some rain for the first time in weeks, but this much-needed precipitation did little to reverse current drought conditions. According to the U.S. Drought Monitor for August 30th, abnormally dry conditions (D0) increased to 17%, moderate drought (D1) decreased to 14%, severe drought (D2) decreased to 18%, extreme drought (D3) increased to 30%, and exceptional drought (D4) remained near 10%.

Southwest Kansas

Dairy alfalfa, ground and delivered steady, grinding alfalfa steady to 5.00 higher, movement slow to moderate. Alfalfa: horse, supreme small squares new crop 10.00-12.00/bale. Dairy 1.30-1.40/point RFV, Supreme (185rfv - 200rfv) 240.00-280.00, Premium (175rfv - 185rfv) 230.00-260.00, Good (150rfv - 170rfv) 195.00-240.00. Good, Stock or Dry Cow 280.00-285.00. Grinding alfalfa, large rounds, new crop 230.00-255.00, new crop large square 3x4's and 4x4's 255.00-265.00. Ground and delivered locally to feed lots and dairies 260.00-285.00; Grass Hay: Bluestem, large rounds 165.00-175.00 delivered, small squares 8.00/bale. The week of 08/28-09/03, 5,748T of grinding alfalfa and 500T of dairy alfalfa was reported bought or sold.

South Central Kansas

Dairy alfalfa steady, alfalfa pellets steady, grinding alfalfa and ground and delivered steady to 5.00 high-

er, movement moderate. Alfalfa: horse, small squares 255.00-275.00. Dairy 1.30-1.40/point RFV, Supreme (185rfv - 200rfv) 240.00-280.00, Premium (175rfv - 185rfv) 230.00-260.00, Good (150rfv - 170rfv) 195.00-240.00. Good, Stock cow, new crop 250.00-280.00. Fair/good grinding alfalfa, new crop large rounds 220.00-230.00 delivered, 3x4 and 4x4's 235.00-245.00 delivered. Ground and delivered 230.00-250.00. Alfalfa pellets: Sun cured 15 pct protein 255.00-265.00, 17 pct protein 265.00-275.00, Dehydrated 17 pct 310.00-315.00. Grass Hay: Bluestem, small squares 160.00-165.00, large squares 3x4's, old crop 120.00-130.00, new crop 3x4's 130.00-140.00, large rounds 100.00-110.00. Brome: small squares, 9.00/bale, 3x4's 145.00-155.00, large rounds 135.00-140.00. Sudan: large rounds 160.00-170.00. Soybean stalks, large rounds 145.00-155.00. Wheat straw: 95.00-105.00. The week of 08/28-09/03, 4,988T of grinding alfalfa and 1,650T of dairy alfalfa was reported bought or sold.

Southeast Kansas

Dairy alfalfa, grinding alfalfa steady, bluestem grass hay steady, movement slow. Alfalfa: horse or goat, 260.00-270.00. Dairy 1.30-1.40/point RFV. Good, stock cow 220-230.00. Fair grinding alfalfa, 170.00-180.00; Grass hay: Bluestem, small squares 135.00-145.00, good 3x4 squares 140.00-150.00, large round 120.00-130.00, Brome, large rounds 140.00-150.00, 3x4 and 4x4 squares 150.00-175.00. Wheat straw, large rounds 60.00-70.00. The week of 08/28-09/03, 775T of grass hay was reported bought or sold.

Northwest Kansas

Dairy alfalfa, grinding alfalfa steady, movement slow. Alfalfa: Horse or goat, small squares 300.00-400.00 delivered, 3x4 squares 250.00-260.00. Dairy, Premium/Supreme 1.30-1.40/point RFV. Stock cow, fair/good 225.00-235.00. Fair/good grinding alfalfa, 195.00-205.00 picked

K-State official urges drivers to be alert in rural areas

The leader of a program that promotes safety on the farm and in rural areas is encouraging drivers to remain alert in areas where farm equipment is likely to be on the roads.

Tawnie Larson, the state's coordinator of the Rollover Protection Structure (ROPS) program at Kansas State University, said accidents between vehicles and farm machinery is more likely to happen during planting and harvesting time because more equipment is likely to be on the roads.

"Most accidents are preventable," Larson said, noting that a 2016 study administered by the National Highway Transportation Safety Administration found that human error accounts for 94% to 96% of all auto accidents.

Collisions between farm equipment and passenger vehicles can result in pricey repairs to vehicles and equipment, but in a worst case, also result in loss of life. According to the Central States Center for Agricultural Safety and Health, there have

been more than ten fatalities and 30 serious injuries since 2012 on Kansas roadways involving passenger vehicles and farm equipment.

"Many accidents include passenger vehicles rear-ending machinery as it travels on the roadways or misjudging the width of equipment," Larson said. "Farmers do not like to drive machinery on the roads, but sometimes it is required to get equipment from one field to another.

To prevent accidents, CS-CASH's recommendations include:

- Never pass

farm equipment while in no-passing zones.

- Slow down and be patient when encountering farm equipment on roadways.

- Use turn signals so the equipment operator knows that you are passing.

Larson notes that rural roads are often narrow, hilly, steep and curvy with little to no shoulders. When driving on a two-lane road, she says:

- Be alert and avoid distractions.

- Watch ahead for large equipment and trucks entering and exiting the

road.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered and grass hay steady, movement slow. Alfalfa: horse, premium small squares, 11.50-12.50/bale. Dairy 1.30-1.40/point RFV, Supreme (185rfv-200rfv) 240.00-280.00, Premium (175rfv -185rfv) 230.00-260.00, Good (150rfv-170rfv) 195.00-240.00. Horse hay, 3x4's 290.00-300.00; Stock Cow 3x4's 205.00-235.00. Fair/good, grinding alfalfa new crop large rounds 210.00-220.00, large square 3x4's 235.00-245.00; Ground and delivered, old contracts 175.00-190.00; Grass hay: Bluestem, small squares 8.00-9.00/bale, large 3x4 squares 135.00-145.00, good large rounds new crop 120.00-130.00, Brome: small squares 8.50-9.50/bale, new crop large rounds 145.00-155.00. Wheat straw: small squares 6.00/bale, large rounds 95.00-105.00, large squares 100.00-120.00. The week of 08/28-09/03, 479T of grinding alfalfa and 537T of dairy alfalfa was reported bought or sold.

**Prices above reflect the average price. There could be prices higher and lower than those published.

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

• Slow down as soon as you spot a piece of equipment on the road.

• Be aware of the orange triangular slow-moving vehicle (SMV) signs.

Kansas Farm Bureau publishes additional safety tips for drivers of non-farm vehicles:

- Give tractors and combines plenty of room to operate. Expect them to take wide turns and even travel into both lanes to properly turn.

- Don't pull in front of farm equipment and suddenly slow down. The tractor may be towing heavy machinery, making quick stopping impossible.

- Be aware of slow moving vehicles. Expect farm

equipment and tractors to travel at a much slower rate - between five and 15 miles per hour.

- Watch for hand signals and other ways a farmer or rancher may try to communicate with you.

Those who operate farm equipment should make sure lights and flashers are working properly; know the height of the vehicle they're driving; take care when traveling on public roads; and communicate with fellow motorists using whatever signals possible.

More safety topics and information on the Kansas Rollover Protection Structure program is available online.

LAND AUCTION
6.82+/- ACRES w/HOME in CHASE COUNTY FLINT HILLS
SATURDAY, OCTOBER 8, 2022 - 10:00 AM
(Real Estate will sell at 1:00 PM)

AUCTION LOCATION: 1501 KS Hwy-177, COTTONWOOD FALLS, KS 66845

****OPEN HOUSE: SUNDAY, SEPTEMBER 25, 2-4 PM****

SELLER: THE KENNETH FISCHER ESTATE
SMALLER ACREAGE WITH A HOME IN THE FLINT HILLS! What a great location just south of Cottonwood Falls on the Scenic Byway. With a total of 6.82 acres, this property offers both, a feeling of seclusion and beautiful views of the wide-open Flint Hills of Chase Co! The ranch-style home is nestled in the trees and offers 2+ bedrooms, 1 bath and 1,368 sq. ft. The home has CH/CA, updated windows, a backup generator and detached 2-car garage. Outside you will love the large, shaded deck, carport, outbuildings, mature trees and gorgeous views to the east and south. **Come and check out this one-of-a-kind property!** Plus, a nice assortment of personal property items.
For full listing, terms & photos GriffinRealEstateAuction.com

GRIFFIN
Real Estate & Auction
Phone: 620-273-6421 Fax: 620-273-6425
305 Broadway, Cottonwood Falls, KS 66845
griffinrealestateauction@gmail.com
In Office: Heidi Maggard, Linda Campbell

CHUCK MAGGARD
Sales/Auctioneer
Cell: 620-794-8824
HEIDI MAGGARD
Broker
Cell: 620-794-8813

ESTATE AUCTION
SATURDAY, SEPTEMBER 17, 2022 * 9:30 AM SHARP
1730 N.E. 31st — TOPEKA, KANSAS

Directions: From US Hwy. 24 East to K4, then north to N.E. 31st then West... WATCH FOR SIGNS!

GUNS: Arminius Pistol/Holster, Shadowmatic Gamo II, Winchester Mod. 290, Stevens Mod. 87A, Ruger 1949-1999/Case, Deerhunter Scope.

ATV: 2018 Mahindra 1000cc gas 83 HP w/80 Actual miles, 2500 lb. ATV/UTV winch, 4WD Auto Lock, electric powered Cargo Lift Bed.

ANTIQUES, COLLECTIBLES, TOOLS & MISC.: Chain Saws, Limb Saw, Brass Cotton Scale, Push Mower (NEW), BBQ Grill, Bakers Rack, John Deere Dinner Bell & Other, Cast Iron Pot, Cast Iron Artwork (Patio Furn., Wagon Wheel Chair & MORE), Sgl. Bottom Plows, Wheelbarrow, Well Pumps, Wagon Wheels, Power Washer, Fence Posts, Picnic Table, Water Barrel, Snow Blade, Pipe Rack, John Deere Aerator, Scrap Iron, Husky Tool Box, Hand & Garden Tools, Wooden Cabinet, Drill Press, Implement Seat Collection, Welding Tables, Press, Mini Fridge, Clamps, Air Compressor, Arc Welder, Mig Welder, Bolt Bins, Chop Saw, Acetylene Bottles/Torches, Weed Eater, Rollers, Traps, Weed Burner, Chains, Wheel Weights, John Deere Blade, Bender, Ladders, John Deere CX200 Loader, Shop Fans, Sickle Mower, Sprayer, Ramps, Generator, Sm. Appls., Table Top Grill, Holiday Décor., Bench Grinder, Antique Wrenches, Shop Vac, Dehydrator, Fern Stand, Area Rugs, Cyclone Seeder, Yard Roller, Tiller, Sandblaster, Cast Iron Toys, Tool Boxes, Floor Jacks.

OTHER ARTICLES TOO NUMEROUS TO MENTION!
ESTATE OF RICH VINK * Norma Vink, SELLER
TERMS: Cash, GOOD Check OR Major Credit Card (use of a credit card requires a \$50 minimum purchase w/a 5% convenience fee added). Anything stated sale day takes precedence over any printed material. Everything to sell "AS IS." **CONCESSIONS available.**

KOOSER AUCTION SERVICE • Topeka, KS
www.kooserauction.com

ESTATE AUCTION
SATURDAY, OCTOBER 1, 2022 — 9:00 AM

We will sell the following items at Public Auction at the residence located at 315 South 9th St., CLAY CENTER, KS

WRECKER TRUCK, F-20 TRACTOR, AUTO PARTS, MISC. (sell after guns in Ring 2): 1977 Chevrolet 1T wrecker truck, complete, needs repair; Farmall F-20 tractor w/loader & blade; 70s Chevy & Ford pickup beds; 60s IH PU bed; car frame; many steel wheels; tailgates; buzz saws & blades; stuff from N-K Body Shop; frame & wheel straighteners; pull jack; old floor jack; heavy duty hoist; old radiators; license tags; lots of various auto parts; mirrors & chrome trim; many hubcaps; marker lights; tail lights; grills & fenders from late 60s & early 70s; Mustang seats; post vise; old gas tractor engine; Mitchell Collision books; old tillers; exhaust fan; roll of wire netting; lots of primitives in the barn; colored fruit jars; walk behind garden implements; old canoe; hog oiler; sleds; sausage stuffer; old welder.

GUNS (sell at 10:00): Victor single shot 410 breakerover shotgun; Winchester model 03 22cal. automatic; Mossberg 22LR, needs repair; Meriden Firearms 12ga. side by side shotgun; Mossberg and Sons 183D 410 Ga. 3", disassembled.

FURNITURE & APPLIANCES (sell after guns in Ring 1): Small chest freezer; nice washer & dryer; dehumidifier; 30" gas range; DR table & 6 chairs, nice; kitchen table & 4 chairs; 6ft. tall enclosed cabinet; nice sofa w/2 recliners; recliner; Walnut stereo/TV stand; small tables & stands; 40s BR set w/dbl bed; deco BR set; secretary bookcase; school desks; 14ft. church pew; Model LC-38 Edison disc phonograph; card tables; high chairs; metal utility cabinets.

ANTIQUES, QUILTS & PRIMITIVES, HOUSEHOLD GOODS & MISC. (sell first): Approximately 10 nice hand made quilts; crocks; colored fruit jars; wash tub; walk behind garden implements; old canoe; hog oiler; sleds; sausage stuffer; Army cans; folding wooden chairs; chicken feeders; chicken nests; egg crates & wire basket; Remington H10 Standard Typewriter; bee smokers; US mailbox cast iron bank; cast iron bank for currency; lots of interesting smalls; candy jar toys; hens on nests; lots of cute figurines incl: birds, horses and much more; various pink Depression; colored Pyrex; cups and saucers; lots of other glassware; school books; nice USA pig cookie jar; variety of old toys; old dolls; Donald Duck from carnival; fans; radios; bedding; kitchen supplies; and the usual variety of household items.

NOTE: We will run 2 rings most of the day. Plan to be done by 12:30. 30 days for removal. Announcements made day of sale take precedence over printed matter. Call Daryl Klataske at (620) 755-4085.

TERMS: Cash or good check day of sale. Not responsible for accidents. **CLERK:** Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432

Go to kansasauctions.net/kretz for many pictures and any additional information

LUELLA (Mrs. Norman) KLATASKE ESTATE, SELLER

Auction conducted by: **Kretz Auction Service**
Greg Kretz, Salesman & Auctioneer: (785) 630-0701
Guest Auctioneer, Randy Reynolds: (785) 263-5627

REAL ESTATE AUCTION
WEBCAST ONLINE ONLY AUCTION
THURSDAY, SEPTEMBER 22, 2022 — 7:00 PM

320 AC. m/I in 3 Tracts
Located on SE 85th East of Hwy. 75 & Heartland Park
FOR BIDDING: www.Covenant.HiBid.com
Or call: Covenant Real Estate & Auction LLC, 785-806-6921
OR Superior Real Estate & Land Group, 785-828-4212

AUCTION
SATURDAY, SEPTEMBER 17, 2022 — 9:00 AM

Offering for sale at Public Auction, Harvey County 4-H Building, 800 W. 1st St. (1st & Grandview), NEWTON, KS

ANTIQUES & COLLECTIBLES
Carnival glass; biscuit jar; collectible glassware; antique glassware; pitchers & glasses; old clock; tools; oil lamps; hanging oil lamp; vases; Ruby red; coins; household items; 9 mm pistol; furniture; cabinets; curios; lots of jewelry; Uranium glowing glass; pottery; Fenton; Roseville; Weller; hardware; hinges; brackets; perfumes; advertising items; large amount of depression glass; salt & peppers; Eastlake chairs; books; records; & more.

VAN SCHMIDT • Auctioneer/Real Estate
7833 N. Spencer Road, Newton, KS 67114
620-367-3800 or 620-345-6879

www.hillsborofreepress.com
Schmidt Clerks & Cashiers
TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

WESTERN GOSPEL
MUSIC AND COWBOY SONGS



WITH THE
Circuit Riders

CIRCUIT RIDERS
MINISTRIES

ASHLAND COMMUNITY CHURCH
2151 W. 32ND AVE.
MANHATTAN, KS

17 September - **Concert** - 7 p.m.
Ashland Community Center

18 September - **Worship Service** - 11 a.m.
Ashland Community Church

Followed by Potluck Lunch

18 September - 1 p.m. - **Country Music Jam Session**
Ashland Community Center

(all levels of musicians welcome)

SAVE THE DATE
— FOR THE —
2022 GRASS & GRAIN
FARM AND RANCH SHOW
November 8, 9, 10
2022
Located at the National Guard Armory
Manhattan, KS

FREE Parking & Admission!

Find us on Facebook:
[@GGFarmShow](https://www.facebook.com/GGFarmShow)

GRASS & GRAIN
FARM & RANCH SHOW

FMCSA extends Hours-of-Service Emergency Declaration for livestock haulers

The Federal Motor Carrier Safety Administration (FMCSA) announced an extension to the Hours-of-Service Emergency Declaration until October 15, 2022.

This declaration includes: livestock and livestock feed (transporters of feed ingredients are

ineligible); medical supplies and equipment related to the testing, diagnosis, and treatment of COVID-19; vaccines, constituent products, medical supplies, and equipment including ancillary supplies/kits for the administration of vaccines related to the prevention

of COVID-19; supplies and equipment necessary for community safety, sanitation and prevention of community transmission of COVID-19 such as masks, gloves, hand sanitizer, soap and disinfectants; food, paper products and other groceries for emergency restocking

of distribution centers or stores; and gasoline, diesel, jet fuel, diesel exhaust fluid (DEF), ethyl alcohol and heating fuel including propane, natural gas and heating oil.

As a reminder, motor carriers that voluntarily operate under the terms of this extension and

amendment of Emergency Declaration No. 2020-002 are to report within five days after the end of each month their reliance on the Declaration. To report, motor carriers will access their portal account at <https://portal.fmcsa.dot.gov/login>, log-in with their FMCSA portal

credentials and access the Emergency Declaration Reporting under the Available FMCSA Systems section of the page. FMCSA continues to collect more data on who is using these emergency exemptions in order to make decisions in the future.

Lamb quality highly influenced by on-farm practices

Anyone who raises lambs affects end-product quality. On-farm practices are significant factors in how consumers will or will not find American lamb a great meal choice. This was a major takeaway from the 2022 American Lamb Summit held August 8-9 in East Lansing, Mich.

Sponsors of the American Lamb Summit are the American Lamb Board and Premier 1 Supplies. It was hosted by Michigan State University.

Improving flocks through genetic selection was discussed in multiple Lamb Summit sessions. Tom Murphy, Ph.D., a research geneticist at the U.S. Meat Animal Research Center, advised producers to start by selecting the right terminal sires. "U.S. sheep producers need to improve reproductive efficiency and carcass characteristics to be competitive in red meat production. We need to move beyond visual appraisal as our sole means of evaluating breeding stock," Murphy stated.

He called out three strategies: marker-assisted selection, accurate identification of genetic superiority and purposeful crossbreeding.

Marker-assisted selection means choosing animals that have a single gene variant that should deliver large impacts. Most growth and carcass traits are controlled by many genes (hundreds or thousands) whose variants each have small effects. However, a few gene variants with large effects on carcass traits have been identified in sheep populations throughout the world. Carriers of the Myostatin gene are "double muscled," which is really an increase in the number of muscle fibers, while the Callipyge gene increases the size of muscle fibers. However, meat from Callipyge lambs is much tougher than normal.

Accurately identifying genetic superiority requires a systematic manner to compare animals. The cattle industry does this routinely using EPDs. For sheep, it's using the National Sheep Improvement Plan's (NSIP) estimated breeding values (EBVs). Murphy made it clear that EBVs will always be a more accurate indicator of genetic merit than only considering an individual's performance, and they will become more accurate with the inclu-

sion of more flocks.

"Producers selling seedstock should be in NSIP. Commercial producers don't need to be members, but it should be standard practice to buy replacement rams (and ewes) with the aid of EBVs," Murphy said.

Crossbreeding has proven its value for generations. Murphy focused on selecting a terminal breed of sire (faster growth, heavier muscling, leaner, higher maintenance costs, fewer lambs born/reared) mated to a maternal breed of ewe (slower growth, lighter muscled, lower maintenance costs, more lambs born/reared).

"It is perhaps more important to select genetically superior individuals by using EBVs instead of choosing a breed then looking at animals only within that breed," Murphy said.

Michigan State University's Andrea Garmyn, Ph.D., reinforced the importance of genetics on red meat yield, which has been a focus in Australia and New Zealand for years. She also pointed out that as animals age, connective tissue gets stronger and doesn't break down with cooking. Rapid growth rate promotes synthesis of new collagen that breaks down easily with

cooking while a slower growth rate makes connective tissue that is harder to break down during cooking.

Intramuscular fat (marbling) hasn't been a big topic with lamb. However, Garmyn pointed to research linking marbling to improved eating quality. She also identified a major challenge within the lamb industry: marbling is not assessed as part of USDA quality grading.

When it comes to post-mortem aging, the majority occurs within the first seven days. Currently, most lamb is aged about five days. Aging carcasses longer will see tenderness continue to improve, but at a slower rate. Research has found that aging lamb 21 days improved overall liking by consumers. Aging

more than 45 days doesn't increase tenderness and can cause off-flavors.

Presentation slides

used by Murphy and Garmyn are on LambResourceCenter.com.

****LIVE AUCTION****
FRIDAY, SEPTEMBER 16, 2022 - 10:00 AM
 AUCTION LOCATION: 8888 SE HWY 54, AUGUSTA, KS 67042
 (9 miles East of El Dorado on HWY 54)
VANETTIA MADDUX, SELLER

TRUCK: 2001 Ford F150XLT ext cab 2WD V8 Triton, 124k miles.
TRAILERS: 12' single axle trailer * 18' tandem axle trailer. **TRACTOR & IMPLEMENTS:** Ford Power Master, 3pt w/bucket, 312 hrs * 3pt 6' Rotary Mower, Bale Spike, Harrow, Forks, Tumble Bug, Platform Lift, 6' Blade. **ZERO TURN MOWER:** Jazee SR 205 ZTR, B&S 18.5hp, 579 hrs. **RIFLE:** Remington Model 514 Bolt Action 22LR. **TOOLS & EQUIPMENT:** Oxy Acetylene set - torches & accessories * Grain Bin * Gentry Pro II, 10,000 watt Generator * Miller Thunderbolt 225V AC Welder * Ranch King 18hp Garden Tractor * Hand Tools * Power Tools * Shovels, Rakes, Yard Tools, etc. * T-posts * Lawson Model 400 PTO Drive Spreader * Cattle Panels * Log Chains * Stock Tanks * Wood Chipper - Troy Built Tomahawk * Chicken Brooder * Maytag Motor * Stihl MS210C Chainsaw * Dewalt 770 Radial Arm Saw. **ANTIQUES & MISC:** Deer mount * Large Walnut Slab Lumber * Stained Glass & Stained Glass Equip * Implement Seat Stools * Hay Grapple * Lard Press * Hog Oiler * License Plates * Dog Houses * Antique Doors * School Bell Antique Horse-drawn Equipment, Planters, Plows, Sickle Mower * Antique Window from El Dorado Hotel. **MANY MISC. ITEMS TOO NUMEROUS TO MENTION!**

SUNDGREN REALTY, INC.
 View more details at: www.sundgren.com
JEREMY SUNDGREN: 316.377.0013 * RICK REMSBERG: 316.322.5391

REAL ESTATE AUCTION

Marshall County, KS * Farm including Wind Tower Income

SATURDAY, OCTOBER 15, 2022 - 10:00 AM

Landoll Lane Conference Center, 2005 Center St., **MARYSVILLE, KANSAS**



151 Acre Farm: 3 miles east of Beattie with 140 terraced crop ground acres. Crop ground soils are 62.5% Class II Wymore silty clay loam with 1 to 3% slopes, 31.9% Class II Pawnee clay loam with 1 to 4% slopes and 5.6% Class III Pawnee clay loam with 4 to 8% slopes. **The sale includes the income from a wind tower and buried electric line easement.**



DIRECTIONS: From Beattie go East on Hwy 99 for 3 miles, then North 1/2 mile to the southeast corner of the farm, also 24th Road gives access to the west side.

BRIEF LEGAL DESCRIPTION: SW 1/4 13-2-9 less a tract in the southwest corner, Marshall County, Kansas

AUCTIONEER'S NOTE: This farm has been in the Gertner family and now Sweany family for generations and now it's your opportunity to add to your operation a quality farm with a bonus of income from the wind easement payments.

Please go to website address below for Easement Agreement and other information:

SELLER: SWEANY FAMILY TRUST * Laura J. Pearl, Trustee

For more information go to: www.pearlrealestate.org

Pearl Real Estate & Appraisal Service, Inc.

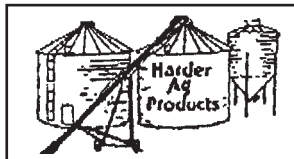
ST. MARYS, KS 66536 785 437-6007

Mike Pearl, Broker: 785-256-5174

Dennis Rezac, Auctioneer: 785-456-4187

THE LATEST FARMING INFORMATION IS IN
 Since 1954
GRASS & GRAIN
 Published by AG PRESS

CALL (785) 539-7558



GSI
 GRAIN BINS
 ALL SIZES AVAILABLE
 Hopper Bins Available
 FINANCING AVAILABLE
 Harder AG PRODUCTS
 West Highway 50
 PEABODY, KANSAS 66866
 Phone 620-983-2158
www.grainbinsusa.com

Herington LIVESTOCK COMMISSION Co.

CATTLE SALE EVERY WEDNESDAY: 11:30 AM

Results for September 7, 2022.

— COWS / HFRTTS / BULLS —			
	Weight	Price Range	
Cows:	1325-1710	\$82.00-92.00	
Bulls:	1670-2545	\$101.00-\$112.00	

— TOP STRINGS OF EACH CLASS —			
	HEAD	WEIGHT	PRICE
STEERS			
Marion	9 mix	578	\$187.00

HEIFERS			
Lincolnville	16 blk	697	\$178.50
Marion	64 mix	808	\$164.00
Marion	10 blk	815	\$162.00

EARLY CONSIGNMENTS SEPTEMBER 14, 2022

- 560 mostly blk str, off grass, 800-900#
- 70 blk str, home raised, long wean, 2 rds shots 700-800#
- 18 mix str, off grass, 700-800#

PLUS MORE BY SALE TIME

SPECIAL FALL COW SALE NOVEMBER 19, 2022

CHECK WEBSITE FOR UPDATES

Manager: Tracy Ediger, 785-366-6645 * Barn Phone: 785-258-2205
 Seth Bartel, 620-382-7041 • Tate Becker, 785-258-4165 • Dave Bures-402-766-3743
 Bob Kickhaefer, Cell-785-258-4188 • Tim Wildman, 785-366-6152
 KFRM AM 550, Every Wed., 8:00 a.m. • www.HeringtonLivestock.com

UPCOMING SPECIAL ISSUES

G&G Farm & Ranch Show - November 1st

Soil Health - November 8th

Wichita Farm Show - November 29th

Christmas Greetings Special - Dec. 20th

DEADLINES:

G&G Farm & Ranch Show - Oct. 26th, before Noon

Soil Health - November 2nd, before Noon

Wichita Farm Show - November 23rd, before Noon

Christmas Greetings - Dec. 14th, before Noon

2023 Special Editions to be announced!

To advertise in these or future special issues, contact your GRASS & GRAIN sales rep:



Josie Bulk
 – Sales Representative –
josie@agpress.com
 Office: 785-539-7558



Donna Sullivan
 – Managing Editor –
gandeditor@agpress.com
 Office: 785-539-7558

NOW IS A GOOD TIME TO GET RID OF UNUSED ITEMS ON THE FARM

GRASS & GRAIN Classifieds are the perfect way to do it!

CLASSIFIED LINER ADS:

70¢ per word.

Discounts available for pre-paid ads that run 2+ weeks.

Visit us online, give us a call, stop by, or fill in and mail the ad form on page 16 to submit a classified liner ad.

CLASSIFIED DISPLAY ADS:

\$11.00 per column inch.

Discounts not available.

Give us a call, stop by, or contact your Grass & Grain sales rep to place a classified display ad!

www.GrassAndGrain.com

785-539-7558

1531 Yuma St • Manhattan, KS 66502

CLASSIFIED LINER ADS look like this. First line is in all-caps and bold. No other formatting available. Pay by-the-word. Words counted by a space. Phone numbers or words separated by a dash are 1 word. Words separated by a backslash are counted as 2.

CLASSIFIED DISPLAY ADS LOOK LIKE THIS!

- Includes a defining border around the ad.
- Pay by the inch.

All formatting is available. Photos/ logos optional.
 Can be 1 or 2* columns wide.
 *Depending on classification

Color is now available for classified display ads!
 *Color is \$15.50 per in. Ad must be at LEAST 1colX3.5" to run in color in the classified section.

CLASSIFIEDS

CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY

Although complete name, address and phone number need not appear in your ad, we must have this information for our records.

Name: _____ Phone #: _____

Address: _____ City: _____ State: _____ Zip: _____

TIPS: Phone numbers & hyphenated words count as one word. Words separated by a / count as two.

WRITE YOUR AD HERE

RATES AND DISCOUNTS
FIGURE YOUR COST HERE:

RATE: 70¢ a word.

Number of words: _____ @ 70¢ each

Cost for one week: _____

Multiply one-week cost times number of weeks you want ad to run.

Run ad _____ consecutive weeks.

CLASSIFICATION: _____

Cost for _____ weeks: _____

DISCOUNTS: (For PRE-PAID orders only)

deduct 10% if ad runs 2 or 3 weeks;

deduct 25% if ad runs 4 weeks.

Less discounts: _____

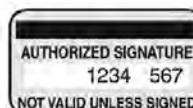
TOTAL: \$ _____

PAY WITH (PLEASE CIRCLE ONE):

CHECK MASTERCARD VISA DISCOVER

Card No. _____ Exp. Date _____

V-Code _____ (required) last 3 digits (see sample: 567) located on the back of your credit card on the signature panel.



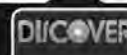
Signature: _____

CLASSIFICATIONS

CATTLE	GOAT
SWINE	SHEEP
HORSES	POULTRY
FERTILIZER	TRAILERS
FEED & SEED	MACHINERY
AUTOMOTIVE	EMPLOYMENT
REAL ESTATE	ANTIQUES
SERVICES	PASTURE
IRRIGATION	WANTED
HARVESTING	PETS
LIVESTOCK OTHER	
LIVESTOCK EQUIPMENT	
BUILDINGS-BUILDING MATERIALS	
BINS - DRYERS - VACS	
MOBILE HOMES	
SPRAY EQUIPMENT	
BUSINESS OPPORTUNITIES	
WELDING	
MISCELLANEOUS	

REMINDERS

- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
- NO REFUNDS!
- BY PHONE: Ads not accompanied by payment have \$1.00 billing charge added, and discounts are not available.

Four Ways To Place Your Ad
CALL: 877-537-3816 TOLL-FREE OR 785-539-7558
MAIL TO: AG PRESS, Box 1009, Manhattan, Kansas 66505
FAX: 785-539-2679 ONLINE: www.grassandgrain.com


Since 1924
GRASS & GRAIN

CATTLE

12 HEAD ANGUS-X/LIMO OCV'd fall replacement quality commercial heifers, all black, home raised, closed herd, 60+ years of genetics. Allen, KS 620-528-3341, leave message.

HEREFORD BULLS
Good bulls with balanced EPD's, practical development, good disposition, & eye appeal.

Oleen Cattle Co.

Falun, KS

oleencattleco.com

GLENN CHUCK
785-826-0870 785-452-2961
BRANDON 785-452-8148

WOLF CREEK
ANGUS
RANCH

18 ANGUS BULLS
Available Now by Private Treaty

- Featured Sires: Flat Top, Plainsman, sons of Hoover Dam, Charlo & Dually
- Performance Tested
- Fertility Tested
- Fully Guaranteed
- Free Delivery in KS & NE.
- Volume Discounts

See Performance Data & Price List at:
www.WolfCreekAngus.com
LURAY, KANSAS
785-698-2225

CATTLE


ANGUS BULLS

Yearling to 2 year olds

Performance Data Available

Good Maternal Traits

Fertility Tested

Continuously raising Angus cattle for 73 years.

Vering Angus

Greg Vering

Marysville, KS

785-562-7164 Cell

785-562-3988 Home

Herd Dispersal - Health Issues

Roughly 30 spring calving commercial Angus bred cows, all ages, bred to Reg. Gelbvieh Balancer bulls. These gentle, easy calving, healthy cows have been worked regularly, are easy to handle - too good for sale barn. Private treaty/ market price. Bred for '23 to same sires as great '22 calves so come pick out additions to your breeding herd now before October weaning and know what you can look forward to in '23.

John Siebert,
Florence, Kansas.
flintheillsarab@yahoo.com
or 620-382-4320

CATTLE

ANGUS & SIMMENTAL-ANGUS BULLS



- Priced for the commercial cattleman
- Yearlings & 2-year olds w/ calving ease and growth
- Excellent selection w/ volume discounts
- Performance data available
- Good maternal traits

HUNINGHAKE ANGUS

Frankfort, KS

Leo Huninghake

Home: 785-292-4537

Cell: 785-556-2648



Angus, Red Angus & Charolais Bulls For Sale

- Over 250 18 month old & Spring yearling bulls available
- Your Private Treaty Headquarters. Over 25 years experience in Private Treaty & Sight-Unseen Sales. You won't be choosing from bulls that "didn't make the sale" or were "caught" in the auction.
- Our goal is to get the right bull to the right herd every time.
- See our display ad in this issue.
- Videos, data, and catalog available on our website. Please check for updates throughout the Spring.
- Genomic enhanced EPD's on every bull in all three breeds.

It's time to come home to...

HARMS PLAINVIEW RANCH

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

620-924-5544

Mark Cell:

620-382-6388

Kim's Cell:

620-382-5373

YOUR Auction Source!



Grass & Grain

785-539-7558

1531 Yuma St

Manhattan, KS

CATTLE

SPRINGHILL HEREFORDS



Home of the Round Barn

FOR SALE PRIVATE TREATY Service-Age Bulls

Calving Ease • Performance Efficient • Docile

Dave Stump

785-556-0124

Dan Schmidt

785-562-6685

Blue Rapids, KS

785-556-0124

Visit us at

SpringhillHerefords.com

A Gold TPR Breeder

RED & BLACK ANGUS BULLS



★ Yearling & 18 Month Old Bulls

★ Calving Ease with Great Growth

★ Performance Data Available

★ Good Maternal Traits & Great Disposition

★ Reasonable Prices

★ Bring this Ad - Receive \$50 Discount

Randy Huninghake

Frankfort, KS

785-556-0319 Cell

785-292-6019 Home

SWINE
SWINE

EQUIPMENT
Buildings — Ventilation
Flooring — Feeders
Waterers — Heaters
Crates — Nursery Equip.

K & N

Swine Systems

RICK HENRY

785-336-2130

SENECA, KANSAS

LIVESTOCK EQUIPMENT

BE SMART WHEN INVESTING IN A HAY TRAILER

Do you bale 100 bales or 10,000?

Do your bales weigh 500 lbs. or 2500 lbs.?

Do you haul them 1 mile or 100 miles?

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

Red Rhino Trailers are IN STOCK, CALL TODAY!

GoBobKS.com

855-880-7964

LIVESTOCK EQUIPMENT

LARGE APACHE CREEP feeder, stored inside, model CF16. 785-499-2860

HOLD 'EM FENCE Company barbed wire, welded continuous fence, pipe, custom tubs, gates, alleyways. Cell 785-313-4552, <http://www.holdemfence.com>



Making tough jobs easier

Luco Mfg. Co

- HYDRAULIC CHUTES
- WORKING CIRCLES
- CAKE FEEDERS
- CONTINUOUS FENCING
- PANELS & GATES

See us at www.lucoinc.com

Or call toll free:

1-888-816-6707

PO Box 385

Strong City, KS 66869

FEED & SEED

BROME GRASS SEED - cleaned, bagged, tested. \$2.50/lb. Whitewater, 316-727-0845.

BROME SEED, 2022, combine run, 40 pound bags, 91% germination, \$2.00 per pound. Call 785-364-6629.

FEYH FARM SEED CO

Alma, Kansas

Native Grass Seed

Wildflowers

Smooth Brome Grass

Erosion Control Products

Cover Crop Seed

866-765-3415

Nativeseed@Kansas.net

www.FeyhFarmSeed.com

WANTED DAMAGED GRAIN

We pay top dollar for damaged grain. Trucks and vac's available. Immediate response anywhere.

Pruess Elevator, Inc

1-800-828-6642

PASTURE

LOOKING FOR PASTURE: to rent for 2022 season and beyond. Spring cow-calf pairs or yearlings, with or without care. Call or text Justin Rinke, 785-231-4305.

AUTOMOTIVE

1998 Freightliner with 620-16 Rotomix

Several Daycabs available

Feed Mixers and

Manure Spreaders

Kuhn Knight, new & used

MID-AMERICA TRUCK EQUIPMENT, INC

Belleville, KS

800-536-2293

AUTOMOTIVE

2008 F250 V10 4X4 extended cab long bed, 148,000 miles, 40,000 on new motor. \$10,500. 785-458-5465.

2010 FORD PICKUP, 3/4-TON extended cab. 63,000 miles, big engine, very clean, tires 85-90%. \$23,000 OBO. Call 785-336-6534

MIDWAY MOTORS SUPERCENTER
McPherson, KS

Hutchinson, Kansas • Hillsboro, Kansas
Newton, Kansas

2021 Ford F250 Crew 4x4 XLT, diesel, leather, like new, 20k mi.

2021 Chevy Silverado 2500 HD custom, crew, 4x4, 6.6 gas, only 10k mi.

2020 Chevy Silverado 2500 HD High Country, crew, 4x4, 6.6 diesel, loaded, 44k mi.

2016 GMC Sierra 2500 HD Denali, crew, 4x4, 6.6 diesel, loaded, nice, 73k mi.

2017 Ram Laramie, 3500, DRW, crew, 4x4, diesel, loaded, only 59k mi.

2020 GMC Sierra 2500 HD Denali, crew, 4x4, 6.6 gas, loaded, 41k mi.

Ask for Kris Hanschu
krisanschu@midwaymotors.com
620-755-2824

REAL ESTATE

LOOKING FOR Farmground to rent in Nebraska or Kansas. Dave at 402-641-0503

GEARY COUNTY

80 +- Acres, 25 acres in brome. Balance is fenced Native Grass pasture with large pond. Spacious 4 bd, 3 ba, brick ranch home. Full, mostly finished daylight basement. Several nice out-buildings. Ten miles South of Junction City. \$550,000

Call Dolly Anderson,
Owner/Broker

G&A Real Estate, INC.

785-532-8801

Manhattan, Kansas

dolly@gandarealestate.com

FARM & RANCH

Land For Sale

Rice Co.- 1310 12th Rd. - Commercial/ Agriculture property, office space, living quarters, truck scale, 35 acres. Call Chris, 785-493-2476

Salina Co.- 150.6 acre m/l with 109 acres crop land, 35 acres native grass and the balance waterways located Northwest of Glendale. Call Chris, 785-493-2476.

Farm & Ranch Division Of:



COLDWELL BANKER APW REALTORS*

631 E. Crawford St.

Salina, KS 67401

785-827-3641

Cbsalina.com

Entire sale offering sells with Method Genetics EPDs and indexes

Visit **GardinerAngus.com**

for video of sale offering, sale book & more!

Watch the sale and bid live online at LiveAuctions.tv and SuperiorClickToBid.com. Register to bid prior to sale day.



Gardiner Angus Ranch

Office: 620.635.2156

Mark Gardiner: 620.635.5095

GAR@GardinerAngus.com

GRASS & GRAIN DIRECTORY

AUCTIONEERS

KULL'S
ARMSBID.COM
Kull's Old Town Station invites consignments for our Spring, Summer & Fall Auctions. If you have 1 or 1,000, we'd like to talk to you.
We will also buy collections or individual guns.
Dan@ArmsBid.com or
785-862-8800 • 800-466-5516
Topeka, Kansas

WE GET IT SOLD!

Foundation Realty's Morgan Riat AUCTIONS

Member of the Kansas Auctioneers Association

MORGAN RIAT
REALTOR/AUCTIONEER
785-458-9259
MORGAN@FOUNDATIONKS.COM

FOUNDATION REALTY
785-473-7230
WWW.FOUNDATIONKS.COM

GAVEL & ROADS AUCTIONS
THE PLACE TO GO TO BUY & SELL EQUIPMENT IN THE MARKETPLACE.
Contact Sales Rep, **KURTIS GEISLER**, at 785.293.2221
www.gavelroads.com
READY... SET... SOLD!

STEVE MURRAY
Broker/Auctioneer
MURRAY AUCTION & REALTY
Real Estate - Farm - Household
785-556-4354
murrayrealtyandauction@yahoo.com
www.murrayauctionandrealty.com

D. ROCHE FENCING INC.
QUALITY BUILT FENCES
DON ROCHE
785-292-4271
FRANKFORT, KS

HALDEMAN WELL DRILLING & PUMP SERVICE
WELL DRILLING
COMPLETE PUMP SERVICE
SOLAR PUMPS
MANHATTAN, KS
Day or Night
785-539-9295

YOUR AD COULD BE HERE! GRASS & GRAIN
785-539-7558

YOUR REAL ESTATE AUCTION TEAM!
Crossroads Real Estate & Auction LLC
TERRI HOLLENBECK, Broker
ANDREW SYLVESTER, Auctioneer
BILL DISBERGER, Coordinator
JESSICA HOLLENBECK, Office Mgr.
www.kscrossroads.com
785.539.2732

BUY & SELL
Farm & Construction Equipment
Vehicles and MORE!
purple wave AUCTION
1.866.608.9283
purplewave.com

GENE FRANCIS & ASSOCIATES
REAL ESTATE BROKERS & AUCTIONEERS
Serving all 105 Kansas counties with more than 35 years of experience.
Give us a call at 785.556.7162!
www.genefrancis.com
A BID ABOVE THE REST!

KansasAuctions.Net
Providing you with a single location to get details about local auctions - go prepared!
www.kansasauctions.net/grass

Blue Valley Drilling, Inc.
Water Well Drilling & Service
Family Business Over 70 Years!
CONTACT ERIC STRADER
785-363-7353

Custom Manure Hauling & Spreading
Big to Small Jobs!
Chore-Boyz Services
913-636-1099

HOOVER TARP SALES
Abilene, KS
Toll Free 1-800-536-2348
"DON'T GO TARPLESS"
www.hoovertarpsales.com
GENUINE SHUR-LOK NOTHING LESS!
FAX 785-598-2282

REAL ESTATE

HORIZON FARM & RANCH REALTY, LLC
1-888-825-1199 • www.horizonfarmranch.com

AUCTION

- * Farm Auction, Saturday, September 24th, 2022, 2491 Fair Rd Abilene, KS, 2 Mi. N. of I-70 on Fair Road • Starts at 9:00 am
- AG LAND**
- * 160 Ac+/- Tillable/Pasture at Junction City. Seller is licensed real estate agent, Call Ray!
 - * 65 Ac+/- Excellent tillable on E side of Solomon. Development potential. Call Derek!
 - * 750 Ac+/- Pasture/70/Ellsworth exit. UNDER CONTRACT!
 - * 80 Ac+/- Tillable just off Elkhorn, Ellsworth Co. UNDER CONTRACT!
 - * 117 Ac+/- Tillable w/ hunt potential. Lincoln Co. UNDER CONTRACT!
 - * 80 Ac+/- Tillable and rock quarry S of Lincoln. UNDER CONTRACT!
 - * 65 Ac+/- Quality upland, tillable E of Lincoln HS on Hwy 18. UNDER CONTRACT!
 - * 160 Ac+/- Pasture S. of Longford, immediate possession! UNDER CONTRACT!
 - * 160 Ac+/- Phenomenal Deer, Turkey & Fish South of Salina UNDER CONTRACT!

COMMERCIAL

- * Ottawa Co. Lumber, Minneapolis, Ks. Great opportunity! Large Business Coming to Town... and High Demand for Housing! Call Ray!
- * 102 N. Nelson, Bennington. Small town liquor store w/big time potential! Retail space w/storage & overhead doors. UNDER CONTRACT!

HORIZON HOMES

- * NEW LISTING, 2491 Fair Rd, Abilene, KS, 37 Ac+/- on Blacktop w/very nice 2500 Sq Ft 4 Bed 2 Bath Home w/multiple out buildings, fences for livestock. Priced to Sell! Call Ray or Samantha!
- * 2552 Hwy. 15, Abilene. 3 Bed., 2 Bath, 2 acres priced to sell. PENDING
- * 28 Ac+/- Build Site @ Burma Rd. & Parsons Rd. Rural Water Available. Can be split. Call Derek!
- * 34 Ac+/- Building Site w/Large Pond N. of Hedville. Call Derek!
- * 25+ Building Lots @ Sundowner Meadows. Call Derek!
- * 40 Ac+/- Great Development/Building site @ Junction
- * 160 Ac/- Development site. Junction City. Call Ray!

MORE LISTINGS ON OUR WEBSITE!

*Auctions *Private Treaty Sales *Value Assessments

Ray Swearingen	785.452.8498	Derek Isaacson	785.452.0566
Broker/Owner		Rachelle Swearingen	785.452.5115
Lucas Harom	785.366.3580	Sheila VanWinkle Corn	785.280.3564
Ty Bryant	785.366.0261	Samantha Swearingen	785.577.9878
Billy Randle	785.479.1152	Chlor Heller	785.545.5737

TRAILERS

CIRCLE D
LIVESTOCK & HORSE TRAILERS
FLATBED TRAILERS
• 1-800-526-0939 •
www.circle-dtrailers.com

Trailers 4 U
785-292-4166
Frankfort, KS

MERRITT TRAVALONG
www.trailers4u.com

DONAHUE
When There's Work To Do...
DONAHUE!
1-800-457-7406
www.donahuetrailers.com

Blue Valley Trailers
Waterville, Kansas
TITAN

Wilson TRAILER

SHARP MFG. LLC TRAVALONG

HILLSBORO Industries

HUSTLER
Hayliner - Bale Buzzer

- New Trailers
 - Used Trailers
 - Trailer Repair
- See used at bluevalleytrailers.com
785-363-2224

BOB'S TRAILER SALES

Pomona, Kansas
785-418-2227
www.bobstrailersales.com
Circle-D, Elite, Travalong, Bulldog, Titan

B&W Hitches
USED
• 1985 5x18 Gooseneck stock trailer, very clean.....\$3,500
NEW
• 2022 6x16 bumper pull stock.....\$8,400
• 2022 Titan Alluminum stock 24x7'6".....\$28,600
• 2022 25' Tandem Dual Elite flatbed.....\$14,800
• 2022 30' Tandem Dual Elite flatbed.....\$15,500
• 2022 32' Tandem Dual Elite flatbed.....\$15,800
• 2022 Bulldog 18+2, (2) 7k axles, stand up ramps.....\$5,950
• 2022 10+2 x 6'6" 3500k single axle.....\$1,950
Truck beds starting at \$1,600. Call Shane: 620-243-4023
We handle Butler Bale beds
All Elite flatbed trailers low profile and torque tube, dual jacks and toolbox.

MACHINERY

1981 JD 8640 WITH 8650 engine. 8 new tires, new AC. \$30,100. 785-633-8374.

GILMORE-TATGE 12' hi-lift side dump silage wagon. \$1050. 913-426-0064.

FOR RENT OR SALE: JD 6 row corn heads. IH adapter available. 785-456-5093.

FOR SALE: 1957 John Deere gas 520 tractor, restored. Call evenings, 785-392-2950.

FOR SALE: 1970 John Deere gas 3020 tractor. Call evenings, 785-392-2950.

BMB HEAVY DUTY 7' TRAIL type mower/ shredder. Works great. \$1,500. 785-231-4461.

FOR SALE: GOOD 643 JD corn head, plastic. \$4,500. Jack Boyle, Vermillion. 785-564-0511, 785-294-2236.

FOR SALE: JD 9650 STS, Contour Master, duals, annual service, all updates. 2600 separator hours. 620 755-1959

PLANTER SALVAGE
IH 800-900-950-955 Cyclo JD 494-1280, 7000-7300, plate and plateless White 5100

Koelzer Repair
Onaga, KS 785-857-3257

Firestone DON'S TIRE & SUPPLY

650/65 R38 Maxam.....	\$1,165
460/85 R34 Maxam 169A8	\$2,111
18.4-34 Starmax 12prTB.....	\$702
480/80R38 FST RAT.....	\$1,553

Prices and Product availability are subject to change without notice.

PHONE: 785-263-7838 **www.donstire.net**
ABILENE, KS

- Sioux Steel livestock auto head gate with squeeze chute.....\$9,250 IN STOCK
- Sioux Steel HiQual livestock auto head gate w/ squeeze chute working system, curved alley, crowding tub, inline & rail gates.....\$21,000 pkg
- 2021 Kubota SVL65-2, 117 hrs, Factory Wty 11/23/22, C/H/AC, 2 Spd, joysticks.....\$63,500
- 2017 Takeuchi TLB, C/H/AC, 796 hrs, 2 spd, joysticks, Std Flow, Hyd Q-A, New Bucket.....\$48,900
- 2013 NH L225, C/H/AC, 2 spd, hand controls, Std Flow, 1573hrs, 72" Bucket.....\$32,500
- 2013 New Holland C238, 2509 hrs, open cab, 2 spd, foot controls, new tracks.....\$37,500
- Danuser Mega Mixer model S75, steel fighting, for concrete or feed.....\$6,395
- 2016 Deere 333G, C/H/AC, 2 spd, High Flow, Forestry Pkg, 1652hrs, BackUp Camera.....\$64,500
- Montana 750R Rancher skid steer post driver.....\$6,800 IN STOCK
- NAI Root Grapples.....84".....\$2,800
- NAI Rock Bucket w/ Grapple.....72".....\$3,150
- New Danuser T3 post drivers.....\$2,250
- New Danuser SM40 Hammer post drivers.....\$8,750
- NEW '22 Country Clipper Mowers.....In Stock!
- New H&S Manure Spreaders and Hay Rakes.....In Stock
- Hundreds of Skid Steer Attachments In Stock!

7 ACRES OF USED FARM EQUIPMENT ON OUR LOT - CHECK US OUT

Complete listing on our web: www.jonesmachineryinc.com
— Click on Inventory on the top right of our home page —

GIVE US A CALL!
BUY/SELL/TRADE DAILY
Smith Center, KS
785-282-3000
785-282-0432 Cell
785-686-4005
Evening Calls Welcome

TUMBLEWEED AUCTION CO. LLC
935 E HWY 36 Smith Center, KS
785-282-5419
www.TumbleweedAuctionKS.com

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

SHUCK IMPLEMENT
IN STOCK - NEW MASSEY FERGUSON HESSTON 2900 SERIES
2011 TEREX PT30, 800 eng. hrs., enclosed cab, heater, windshield wiper, light material bucket, very clean, good condition. Stk#3060 consigned.....\$25,000
Woods BB840 rotary mower, 7' wide dual tailwheel, good cond., stk#9421.....\$3,900
JD 9' 3pt mounted disc, stk#9424.....\$500
1985 JD 1219 sickle mower cond., good cond., new tires, extra sickle, hitch adapter, stk#9420.....\$5,200
Case 10' wheel disc, stk#9423.....\$1,100
New Idea 400side delivery rake, stk#9422.....\$500
2011 AGCO Gleaner 3000 8-row corn head, Elec. stripper, stk#9438 consigned.....\$23,800
Sunflower 5332 modified Anhydrous applicator. 30' wide, spacing 24" centers. Stk#consiged.....\$2,800
2012 Case RB564 round baler, 11,000 bales, mesh wrap. Stk#9323.....\$24,800
2018 Dodge Ram 2500 pick up bed single axle, black, nearly new, stk#consiged.....\$2,200
King Cutter RTS-50 rotary tiller,

60" wide, stk#9236.....\$1,800
Kuhns (Norden) AE10 & AF10 accumulators. Also 510-NB & 510F-NB grabbers. Stk# various.....New In Stock
2010 MF 8200-30 flex head, SCH sickle w/ roller, full fingers removed, Hart carter reel, single point hook-up, AHHC, long crop dividers. Stk#2320, consigned.....\$15,900
Quicke Loader sub-frame bracket set #14100065. Fits CNH Boomer 3040, 3045 & 3050. Fits NH T1530, T2310.....\$950
(1) H&S AR3112 Action rakes, Carryover discount, 12 wheel. Stk#7920/7921. New In Stock
JCB bucket for JCB telehandler 1987 6' wide model #5000 series, Ser#547 36600 0.9M(3).....\$2,500

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

AGCO
MASSEY FERGUSON

Recent move?

Don't leave your Grass & Grain subscription in the dust!

NAME: _____
OLD Address: _____
NEW Address: _____

Mail To: P.O. Box 1009 Manhattan, KS 66505
Email Kevin: agress3@agress.com
Call: 785-539-7558

MACHINERY

USED TIRES:
24.5x32, 30.5x32, 28Lx26,
23.1x26, 14.9x26, 16.9x26,
20.8x38, 18.4x38, 18.4x42.
Call Jack Boyle,
785-564-0511, 785-294-2236

MIKE'S EQUIPMENT
1-620-543-2535
BUHLER, KANSAS
Salvaging Tractors,
Combines, Round Balers
& Swathers

Used Bumper pull car trailer
..... In Stock
Case IH 5130 w/ldr In Stock
New Winkel flatbed..In Stock
DewEze bale bed live hy-
draulics\$5,000



WINCHELL'S, INC.
Phillipsburg, KS
785-543-2118

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

Jack Boyle
Vermillion
785-382-6849 785-564-0511
785-294-2236

Case & IH
Tractor Salvage
Case 300's thru 2096
IH 460's thru 5488
Over 1000 Tractors on shelf
New & Rebuilt parts for all
brands of tractors/ combines

Want to buy
Case & IH salvage tractors

Elmer's Repair
CENTRALIA, KS
785-857-3248
www.elmersrepair.com

Tire Town Inc.
480/80R42 New R1W...\$1,100
340/85 R28 New R1W...\$485
14.9R46 usd 75% trd R1 \$750
23.1R30 New Buff R1W ...\$1k
600/65R28 New R1W...\$1,100
18.4x34 New R1\$650
28LR26 100% trd R3 ..\$1,399
18.4x38 New R1\$715
650/65R38 New Buff ...\$1,199
15x19.5 New Buff 6PR4 ..\$219
320/90R46 Used R1W ...\$395
OTHER SIZES NEW & USED
NATIONWIDE SHIPPING
WE DEAL!
800-444-7209 800-451-9864
913-441-4500 913-682-3201

BERG REPAIR
14200 Godlove Rd.
Westmoreland, KS
785.457.3534



Net wrap & twine available.
NEW EQUIPMENT
• 504R signature baler
• VR 1224 wheel rakes
• Winkel Calving Pen
• Portable Corral
• Perfect Tree Saw

USED EQUIPMENT
• 504l baler w/ monitor
• Kelderman 10 wheel rake
• 665 with net
• RC 9120 mower

CLAAS
USED FORAGE
HARVESTERS & HEADS
'21 CLAAS 960\$425,000
(2) '18 CLAAS 980fr. \$270,000
'17 CLAAS 980
.....\$250,000
'15 CLAAS 980
.....\$275,000
'15 CLAAS 970
.....\$175,000
'14 CLAAS 970
.....\$225,000
CLAAS Orbis 750 Heads
.....fr. \$40,000
CLAAS PU380 Heads
.....fr. \$10,000

COMBINES
'15 Gleaner S78CALL
'14 Gleaner S67CALL

TRACTORS
'21 CLAAS Axion 950 ...NEW
'12 Case Steiger 450 HD
.....\$158,500

MISCELLANEOUS
NEW Kel-Tec Fuel Trailer
(Base)\$19,889
NEW Kel-Tec Fuel Trailer
(Loaded)\$27,667
'22 Great Plains Velocity
HS2100-36NEW
'21 HORSCH Joker RX35
.....NEW
'15 MacDon D65D\$6,500
MacDon FD75S\$40,000



Kalvesta Impl.
Company, Inc.
620-855-3567
KALVESTA, KS 67856
www.kickalvesta.com

MACHINERY

ALLIS CHALMERS
TRACTORS
D-17 series IV LPG S.C.,
\$5,250; D-17 S1LPG SC
loader, \$3,500; 6060 D Open,
\$10,500; 7000 D CAH, \$6,500;
7045 D CAH P.D., \$9,500;
210 D Cab, \$12,500; 200 D
Cab, \$9,000; 200 D Open,
\$8,500; AC 470 loader grapple
7000/8000 mounts;
Westendorf loader QTWL64,
universal mts.
John Bergman/Radialink Inc.
Seneca, KS 785-336-3158
785-294-1169 cell
Leave A Message

Gleaner Combines
'96 R62 RWA\$20,500
R830 corn head\$8,500
R830 corn head\$7,500
EZ Trail 510 GC\$7,500
UFT 444 GC\$2,950

EZ Trail Gravity Wagons,
Grain Carts, and Header
Trailers.

Great Plains Tillage Tools

81 Farm Eq. Service
McPherson, KS 620-241-3100
1-800-357-3101
www.81farm.com

NEW
Rakes: VR1428
USED
Balers: 6- 605SM, 5- 605N,
2- 605M corn stalk, 1-
504N, 4- 605M, 1- 604M, 1-
504SI, 1- 6650 Rancher, 1-
6650 Rancher. Rakes: 1-
R2800, 2- R2300, 1- VR1224
LARGER BALE FORKS
SPRING STEEL AVAIL.

METAL
ROUND SQUARE TUBING
ANGLE CHANNEL & FLAT
2 3/8", 2 7/8", 4 1/2" pipe
WELDING SUPPLIES
Oxygen C125 & acet. Bottles
for sale
Welding rods & wire
Top & bottom belts for all bal-
ers
Twine 4' & 5' netwrap
Portable panels, Feed Bunks
& Round Bale Feeders

Vermeer Sales &
Leasing
LEONARDVILLE, KS 66449
785-293-5583
785-293-2542

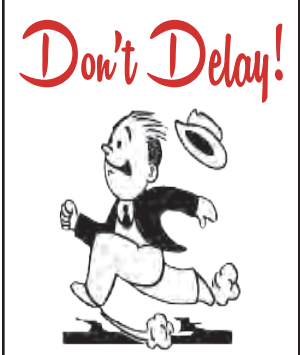
USED TRACTORS
'05 Case IH MXM 175 MFD
ldr & grapple, 3,120 hrs
MISCELLANEOUS
'99 Case IH 2388 combine
4wd
'89 Case IH 1020 flex head,
17.5'
'97 Case IH 1020 flex head,
22.5'
'06 Case IH 1020 flex head
25'

'12 Case IH 3020 flex 30'
'07 Case IH 2206 cornhead
Unverferth 7000 grain cart
Kodiak 10' HD trailing mower
'88 Case IH 8370 mower
conditioner
Case IH 1190 mower
conditioner
IH 1190 mower conditioner
'04 New Holland BR780
round baler
'02 Case IH RBX461 twine
net
Gehl WR600 12 wheel rake
Parker 2600 gravity wagon
JD 714 disc chisel 9 shank
Super Rhino 8' blade
'08 Cub Cadet M60 zero turn
'09 JD Z445 zero turn mower,
412 hours

NEW EQUIPMENT
Case IH Farmall 50A 2WD
ROPS
Farmall 110U MFD cab ldr
Case IH 345 disk, 28'
Bush Hog 6' & 7' rotary
cutters
Bush Hog 5', 6' & 7' tillers
Bush Hog 6' & 7' finish
mowers



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



You don't want to miss an
advertising opportunity!

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:

12:00 p.m. Friday

BUILDINGS / BLDG MTL.

AIR-DRIED 15 YEARS, sever-
al thousand board feet of rough
cut walnut lumber. 785-499-
2860

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

Metal Panels
& Accessories

THE VALUE LEADER. WE
WON'T BE UNDERSOLD
CALL FOR CURRENT
METAL PRICING
• DELIVERY AVAILABLE •

WESTERN METAL
Best Service
Louisburg, Kansas
1-800-489-4100

DIAMOND L SUPPLY
Dwight, KS
• 1.888.608.7913 •
785.482.3211

Metal Roofing & Siding

All Steel & Post Frame
Buildings

Walk-doors, OH doors,
Insulation, Livestock
equipment, Scales, Miraco,
Waterers, Bale Beds & Cake
Feeders, Protein Tubs

Delivery Available
Customers are #1

EMPLOYMENT

FRIESEN AUTO
EMPLOYMENT OPPORTUNITY
Parts Counter & Shipping/Receiving Department
Immediate Openings: ASE & Chrysler Certified Techs
Benefits Include:
Health Insurance, 401K, Paid Holiday & Vacation

APPLY TO:
kelvin.shearer@FriesenAuto.com
785-293-5583
785-293-2542

Conserve water in the home landscape

By Pat Melgares, K-State
Research and
Extension news service
Homeowners who set
their sights on having the
nicest landscape on the
block may often sense the
urge to water, water, water.

But K-State Research
and Extension horticul-
ture agent Dennis Patton
says they should instead
be more strategic in the in-
terest of saving water and
money.
“What’s really import-
ant is how much water we
are putting on in each ap-
plication,” said Patton, the
horticulture agent in John-
son County.

Studies indicate that as
much as 50% of the water
used in a household occurs
outside, though Patton says
“I’ve seen statistics that
say it’s even higher when
comparing the amount of
water used in the summer
months for lawn and land-
scapes.”

To conserve water, Pat-
ton said the homeowner’s
goal should be to provide
one inch of water per week
to most plants, including
lawns.

“The reason that num-
ber comes into play is
because an inch of water
is what it takes to soak
the average Kansas soil
(typically containing clay)
to a depth of six to eight
inches, which is where
the vast majority of root
systems are going to be
on our tomato plants, our
flowers and our lawn,” Pat-
ton said. “That’s going to
give the root system a good
supply of water to get it
through for almost a week,
depending on weather con-
ditions.”

In his own yard, Patton
rarely waters his lawn: “I
don’t require a nice green
lawn all summer long,” he
said. “Watering the lawn
once every two to three
weeks keeps it alive and
hydrated.”

Instead, Patton focus-
es his attention on higher
maintenance areas, such
as garden flowers and veg-
etables. “I try to get that
one inch of water in one
application, so I water just
once a week,” he said.
Patton advises home-

PETS

GREAT PYRENEES PUPS, 10
weeks. Both parents on site.
913-845-3330.

WANTED

1956 KANSAS LICENSE
plates wanted, CQ, LE, SW
counties. 913-704-0819.

BUYING DEER, ELK antlers.
Call or text 785-569-1734.

BUYING OLD HATS. Call or
text 785-569-1734.

WANT TO BUY SALVAGE
and non-running ATV’s, snow-
mobiles, jet skis, and dirt bikes.
Any condition, cash paid, will
pick up. 402-469-2002.

MISCELLANEOUS

PREMIUM HAMBURGER
cheap. Great for kids or dogs.
500 lbs. of 2018. Brock Baker,
316-249-1907.

Tell them
you saw it in
Grass & Grain!

July beef exports stay on \$1 billion/month pace; pork exports remain below last year

U.S. beef exports again topped \$1 billion in July and posted the fifth-largest volume on record, according to data released by USDA and compiled by the U.S. Meat Export Federation (USMEF). Pork exports remained below last year’s pace but continued to gain strength in Colombia and the Caribbean and stayed above year-ago for Mexico, the leading destination for U.S. pork.

Japan leads broad-based growth in July beef exports. July beef exports totaled 126,567 metric tons (mt), up 3% year-over-year. Export value increased 7% to \$1.006 billion, topping the \$1 billion mark for the sixth time this year. Japan was the pacesetter for July exports, but volumes also increased year-over-year to China/Hong Kong, the ASEAN region, Central America, the Caribbean and Colombia. July exports eased for South Korea and Taiwan, though both markets remain on a record pace in 2022.

For the first seven months of the year, beef exports increased 6% from a year ago to 870,471 mt, valued at \$7.2 billion (up 29%). Export value per head of fed slaughter is on a record pace at more than \$475.00.

“Global demand for U.S. beef continues to be amazingly resilient, especially at the retail level,” said USMEF President and CEO Dan Halstrom. “Exports have also benefited from a partial rebound in the foodservice sector but this recovery is far from complete. Many markets are still gradually easing COVID restrictions, so we definitely see opportunities for further growth as restaurant traffic returns. Headwinds remain formidable, however, including further devaluation of key trading partner currencies.”

Pork exports to Mexico continue to outpace year-ago, and at higher prices

U.S. pork exports reached 208,095 mt in July, down 6% from a year ago, valued at \$625 million (down 5%). For January through July, exports were 17% below last year at just under 1.5 million mt, valued at \$4.24 billion (down 15%).

Exports to Mexico, the top market for U.S. pork, remain well above last year’s record pace, while shipments to Colombia, the Caribbean and South Korea continued to strengthen in July. Exports to China/Hong Kong were lower than a year ago in July but posted the largest volume since September and the highest value in 12 months.

“July pork exports were below last year but the good news is that the per-unit price of U.S. pork is trending higher in the international marketplace, even while our major competitors’ prices remain below year-ago levels,” Halstrom said. “Export value per head in July reached \$67.10, nearly even with year-ago and the highest since last July. We are also encouraged by the recent trendlines for pork variety meat exports, especially to China and Mexico.”

Lamb muscle cut exports trend higher

July exports of U.S. lamb muscle cuts reached 161 mt, up from just 49 mt last year. Export value totaled \$949,000, up 58% from a year ago. Through July, muscle cut exports increased 94% to 1,282 mt, valued at \$7.7 million (up 82%). Led by the Dominican Republic and the Netherlands Antilles, exports to the Caribbean more than doubled from a year ago to 645 mt (up 110%) and increased 99% in value to \$4.7 million. Exports also increased to Mexico, the Philippines and Panama.

A detailed summary of January-July red meat export results, including market-specific highlights, is available from the USMEF website.

Honey Bee Health Coalition releases 8th Edition of the Tools for Varroa Management Guide

The Honey Bee Health Coalition recently unveiled the 8th Edition of the Tools for Varroa Management Guide. The guide provides information on the latest tools and options for beekeepers in the USA and Canada to keep bees healthy and manage varroa mites, which spread disease within and among honey bee colonies.

ment toolbox,” said Dewey Caron, emeritus professor of entomology and wildlife Ecology at the University of Delaware, and a principal author of the guide. “It has what you need to know in one streamlined and concise package. It should help improve overwintering success by helping you flatten the varroa growth curve and reduce bee colony viral epidemics.”

“As an Apiculture Extension Educator, I often hear from devastated beekeepers who struggle to keep their honey bee colonies healthy and alive. The successful management of varroa mites is critical to keeping honey bees healthy. This guide provides comprehensive information about management options for one the most serious threats to honey bee health,” said Ana Heck, Apiculture Extension Educator at Michigan State University.

Varroa mites represents one of the greatest threats to honey bee health, honey production, and pollination services. Untreated or ineffectively treated colonies can fail, causing economic losses to beekeepers, potentially impacting agricultural food production. Colonies infested with varroa are also a potential source of mites and diseases that can spread to other colonies and apiaries.

An expert team of beekeepers, entomologists, Extension agents, apiary inspectors and federal regulators spent more than six months editing the document to bring it up to date with changes in best practices and treatment options. The guide details new information on varroa control products including new products that have been approved for release since the 7th edition was released in 2018.

Effective varroa control will reduce colony losses and avoid potential spread of infectious disease among honey bee colonies. The Tools for Varroa Management Guide explains practical, effective methods that beekeepers can employ to measure varroa infestations in their hives and select appropriate control methods.

“The Varroa Management Guide is the most valuable tool to include in your varroa manage-

The full guide is offered free of charge at the Honey Bee Health Coalition’s Website: <https://honeybeehalthcoalition.org/resources/varroa-management/>

K-State recommends testing soils ahead of planting to help set the 2023 wheat crop up for success

September is a busy month for Kansas producers, who are making final selections for wheat varieties, prepping equipment and spraying volunteer wheat and weeds ahead of planting this year's wheat crop. K-State Agronomy recently released guidance on one other action that could help save some cost and set the 2023 wheat harvest up for success from day one — soil sampling.

In a K-State Agronomy eUpdate on August 25, Nutrient Management Specialist Dorivar Ruiz Diaz noted soil sampling "is particularly important with higher fertilizer prices contributing to very tight margins for wheat."

Ruiz Diaz wrote, "Accurate decisions are especially important during years with low grain prices and tight budgets. Furthermore, after variable conditions and yield levels across the state, fertilizer needs may require

adjustments based on soil test...Now is the time to get those samples taken, to ensure there will be enough time to consider those test results when planning your fall fertilizer programs."

Producers should plan for 10 to 20 soil samples per field for an accurate measure of nutrients throughout the field, rather than applying nutrients based on sampling in only a small area. While the specific soil tests producers should order depend on location, application methods and level of tillage, the most common nutrients to which wheat shows good responses are nitrogen (N) and phosphorus (P) with low soil pH rounding out "the Big 3." However, in Kansas, sulfur and chloride deficiencies are becoming more common.

Producers can opt for one of two standard soil samples — 0-6 inches and 0-24 inches. The standard

0-6 inch sample helps test for nutrients Phosphorus and potassium (K), both of which are buffered processes in Kansas soils. According to Ruiz Diaz, "This simply means that the soil contains significant quantities of these nutrients, and the soil tests we commonly use provide an index value of the amounts available to the plant, not a true quantitative measure of the amounts present."

Wheat takes up the majority of its N before flowering, but "in many years, especially following dry summers like this year, significant amounts of N can be present in soils at wheat planting." Still, these residual N levels may be lower than "default" values and producers need to adjust applications according to sampling recommendations.

For P, Ruiz Diaz noted: "Wheat is the most P-responsive crop we grow in Kansas, and while the P

removal with wheat may be less than with corn or soybeans, the relative yield response is often the highest."

K-State also noted low soil pH is an increasing concern, especially in fields with high rates of previous N applications. Potassium (K) deficiency could also be an issue in southeast and south central Kansas, but the focus of most K testing is with rotation crops like corn and soybeans.

Other options producers can monitor with this standard sample include soil organic matter and micronutrients like zinc, both of which are especially important when planning for rotation crops like corn and grain sorghum. Soil organic matter also helps producers calculate N needs; K-State calculates 10 pounds of available N for every 1% of soil organic matter.

Without soil sampling, new area before they leave their dams."

Lubbers added: "By spreading out the stressors over time, the calves will be better off from an animal welfare and health standpoint."

To hear the full discussion, listen to the Beef Cattle Institute Cattle Chat podcast online.

Kansas producers could waste valuable resources by applying too many or too few nutrients, which could result in excess foliage, increased plant disease, inefficient use of water and reduced yields. In contrast, combining soil sampling information with yield maps, topography, personal experience on the land and other information allows producers to build layers of management for each wheat field. Doing so long-term helps growers mini-

mize cost, maximize yield and build healthier soil for the upcoming growing season and wheat harvests for years to come.

Read the full K-State Agronomy eUpdate articles on soil testing at <https://eupdate.agronomy.ksu.edu>.

For more information on soil sampling and submitting samples to the K-State Soil Testing Laboratory, visit their website at <http://www.agronomy.k-state.edu/services/soiltesting/>.

Cattle Chat: Weaning strategies

By Lisa Moser, K-State Research and Extension news service

Young children separating from their parents to start kindergarten — and even young adults moving out of the house and headed to college or their first job — bring about transitions that often involve high stress for all.

In much the same way, calves separating from their dams at weaning can also experience stress, especially if they undergo vaccinations and other processing procedures at the same time, said the experts at the Kansas State University Beef Cattle Institute on a recent Cattle Chat podcast.

"Stress happens when the calf is exposed to a new or unusual situation, so our goal is to reduce the number of stressors we put on them at one time," veterinarian Brad White said.

Historically, calves were processed on the same day as they were weaned due to the labor

availability, said veterinarian Bob Larson, but he added that following that management plan is not necessarily best for the calves' stress level.

Veterinarian Brian Lubbers offered advice on how best to help the calves through this transition.

"The goal is to spread out over time things that will lead to reduced stress in calves. So, first, begin by separating the cows and calves for a few days before processing. This will allow the calves to get used to the new environment and adjust to their feed and water sources," he said.

Lubbers added that on subsequent days help can be brought in to do other processing procedures such as vaccinations and castrations.

Another strategy is fence-line weaning, nutritionist Phillip Lancaster said.

"Fence-line weaning allows the cows to have nose-to-nose contact with

the calf during the time of transition so that bond is broken more gradually," Lancaster said.

Larson said fence-line weaning is effective at reducing stress and the weaning process can happen quickly.

"With fence-line weaning, the cows and calves typically walk the fences for the first 24 hours, and after that they start leaving each other on their own," Larson said.

The key is to make sure the fences are strong so the calves don't get back in with their mothers, Lancaster said.

White said exposure to the new environment can happen while the cows and calves are still together.

"With weaning, we are changing the calves' social structure by separating them from their mothers as well as transitioning them to new feed and, in some cases, a new water source," he said. "So, when it is possible it is good to let the calves explore their

They may be spooky, but spiders are beneficial for the garden

By Maddy Rohr, K-State Research and Extension news service

Many people view spiders as pests, and the fear of spiders is one of the most common phobias among Americans. To their credit, however, they provide a great service to the home garden.

Kansas State University horticulture expert Ward Upham said spiders feed on insects that could harm flower beds and vegetable plants, making them valuable to any gardener.

"There are two common species of garden spiders in Kansas that are active during the day," Upham said. "The yellow garden spider and banded garden spider."

The yellow garden spider has a black abdomen with yellow markings and black legs with a yellow or red band, Upham said. The banded garden spider has continuous bands across

the abdomen and legs, alternating white and dark with orange and black bands on the legs. Both spiders spin large webs in the usual spider web shape.

To capture insects, garden spiders utilize vibrations that pass through the web from prey. They have poor eyesight, making them extremely sensitive to the vibrations.

Upham recommends leaving garden spiders alone because of their benefits to the garden, and they are harmless to humans.

Upham and his colleagues in K-State's Department of Horticulture and Natural Resources produce a weekly Horticulture Newsletter with tips for maintaining home landscapes and gardens. 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 <mailto:wupham@ksu.edu>, or contact your local K-State Research and Extension office.



Act Now & SAVE!

Annual Fall Savings Happening NOW!
Don't miss out on year-end savings for your operation.

Team up with QSI during their annual Fall Savings Event to custom build a pole barn, machine shed or other post-frame structures tailored to your needs — right down to your preferred size and accessories.

Visit QualityStructures.com or call 785-835-6100 to get started on your next project.

Sale valid on non-residential buildings only; some exclusions may apply. Savings Event is from September 1st - 30th, 2022.

QSI
Quality Structures
Richmond, Kansas

Building the Rural American Dream™

AUCTION

SATURDAY, SEPTEMBER 17, 2022 — 10:00 AM
Morris County 4-H Building, 620 Hwy 56 * COUNCIL GROVE, KANSAS
Directions: 1 mile east of Council Grove on US Hwy 56. WATCH FOR SIGNS

FURNITURE & COLLECTIBLES: La-Z-Boy wing back recliner, wingback chair, French flame-stitch chair, handpainted chair side table, Oak bookcase cabinet, Cherry end table, fine Oak end table w/folding leaves, (2) full-size couches, (3) blonde 5-shelf bookcases, (2) blonde 4-shelf bookcase cabinets, solid Cherry accent bookcase, small Oak accent chest cabinet, solid Cherry 4-drawer cabinet, (2) padded foot stools, solid Oak French console table, handpainted French dresser cabinet, striped upholstered chair, (2) white wood couch tables, French flame-stitch chair, Oak cedar chest, ornate carved chair, (8) floor lamps, various styles/colors, (16) table lamps various styles, (3) 8'x10' area rugs, (2) 5'x8' area rugs, (3) 3'x5' area rugs, numerous throw rugs, mud room stool, fine handpainted wood cabinet, European wool wall tapestry 4'x8', European wool wall tapestry 2'x3', oil paintings, wall art, sculptures, knick knacks & accessories, quilting & sewing books, (3) wall clocks, French mantel clock, Sony 5-CD changer player,

Pioneer receiver w/infinity stereo speakers, assortment of CDs & cassettes, fluted column plant stand, Pennsylvania House Cherry 4-post queen Rice bed, white wooden 4-post queen bed, white metal queen bed, metal 4-post queen bed, (3) white 3-drawer dressers, (2) white 2-drawer night stands, makeup table & chair, (2) wooden bar stools, cedar chest, Bissell vacuum cleaners, window fan, oscillating fan, dehumidifier, board games.

OFFICE & STORAGE: 5' office desk 2-drawer w/file, office chair & mat, computer desk workstation & hutch, (2) Anderson Hickey 2-drawer almond file cabinets, Anderson Hickey 4-drawer black file cabinet, door armoire storage cabinet, hutch storage cabinet, office secretary chair, HP printer copier, desktop computer & monitor, several folding chairs, 6' folding tables, steel storage shelves 3'x6' tall, various other storage shelves & cabinets.

KITCHEN & BATH: White microwave nook cabinet w/storage, SS pots & pans, kitchen knives & utensils, mixing bowl set, various pans & bakeware, roaster pans,

cutting boards, food processor, electric mixer, crock-pot, blender, Fiesta ware pitcher, Oneida silverware, Pope-Gossen fine china set, stoneware, food scale, towels & bedding, Heath-o-Meter scale, wooden step stool.

TOOLS & MISC.: New Kolbalt wheelbarrow, lawn mower, fertilizer spreader, Black & Decker power edger, Toro blower, electric power washer, 1 gal. weed sprayer, extension cords, Black & Decker electric hedge trimmer, gas can, various garden tools, new 16' Werner extension ladder, Werner 6' alum. step ladder, Werner 6' wood step ladder, 2' step ladder, 4' Louisville platform ladder, saw horses, compound miter saw, 10" Craftsman table saw, portable air compressor, air paint sprayer, electric belt sander, circular saw, rechargeable drills, brad nail gun, (3) carpenter levels, misc hand tools, pliers, hammers, saws, etc., new 12" ceramic tile, Romax 14ga electrical wire, plywood pcs & trim boards, misc. fasteners & nails, etc.

PRIVATE SELLER

HALLGREN REAL ESTATE & AUCTIONS, LLC

ALTA VISTA, KANSAS • 785-499-5376
GREG HALLGREN 785-499-2897
JAY E. BROWN 785-223-7555
e-mail: ghallgren@live.com
www.hallgrenauctions.net • KSALink.com

Every Thursday at 12 Noon

MARYSVILLE LIVESTOCK INC.

1180 US Hwy. 77, P.O. Box 67, Marysville, KS 66508

Bob Holle, Manager • 785-562-1015

TO SEE OUR LATEST DETAILED MARKET REPORTS AND UPCOMING CONSIGNMENTS AND SPECIAL SALES

www.marysvillivelivestock.com

Market Report for 9-8-22. 1185 Head Sold.

STEERS/BULLS	Individual Report	BRED COWS:
BEEF		
300-400#	N/T	N/T
400-500#	\$231.00-\$208.00	26 blk@504# \$216.00
500-600#	\$216.00-\$192.00	61 bk/char@890# \$186.00
600-700#	\$205.00-\$189.00	60 blk@933# \$185.75
700-800#	\$191.00-\$181.00	
800-900#	\$186.00-\$174.00	
900-1,000#	\$185.00-\$161.00	
HEIFERS		
300-400#	N/T	
400-500#	\$201.00-\$190.00	16 blk@459# \$199.00
500-600#	\$195.00-\$185.00	9 mix@739# \$174.00
600-700#	\$186.00-\$171.00	9 blk@918# \$157.00
700-800#	\$174.00-\$161.00	
800-900#	\$157.00-\$144.00	
900-1000#	N/T	
FIELDMEN		
Jim Dalinghaus 785-799-5643 Baileyville, KS	Dave Bures, Auctioneer 402-239-9717 Odell, Nebraska	Jeff Cook 785-564-2173 Hanover, KS
Trevor Lundberg 785-770-2271 Frankfort, KS	Taylor Schotte 785-268-0430 Marysville, KS	Bill Keesecker 785-410-6117 Washington, KS
		Greg Anderson 785-747-8170 Wattsville, KS
		Greg Schultejeans 785-294-0676 Corning, KS

GRASS & GRAIN

makes a Great Gift!

Perfect for young farmers starting out on their own as well as Graduations • Birthdays • Weddings

Anniversaries and other special occasions!

New Print Subscriptions can be purchased Tax Free with mention of this special!

In-State Renewals starting at: 1 Year - \$43*, 2 Years - \$80*, 3 Years - \$111*

*plus applicable sales tax - call if unsure for your area, or for Out of State Pricing

Online Only Edition: 1 Year - \$35, 2 Years - \$63, 3 Years - \$84

For questions or to subscribe, call, email, or send a check to:

785-539-7558 • agress3@agress.com • PO Box 1009, Manhattan, KS 66505



2022 CLAY COUNTY FAIR LIVESTOCK GRAND AND RESERVE CHAMPIONS



The Grand Champion Junior Bucket Calf was shown by Clara Girrens, Lincoln Creek 4-H and the Reserve Champion Junior Bucket Calf was shown by Brayden Speltz, Countryside Crusaders. Darren Mueller judged the show.



Asher Sterling of the Lincoln Creek 4-H Club showed the Grand Champion Intermediate Bucket Calf.



Exhibiting the Grand Champion Market Steer was Kelly Martin of the Countryside Crusaders. Serving as judge was Kurt Schwarz.



The Supreme Market Steer was shown by Sarabeth Martin of the Countryside Crusaders 4-H Club, shown with judge Kurt Schwarz.



Natalie Sleichter of the Lincoln Creek 4-H Club showed the Grand Champion Breeding Heifer, as selected by judge Kurt Schwarz.



Leading the Grand Champion Market Lamb, as selected by judge Josh Abeltdt, was Gentry Hartman of the Countryside Crusaders 4-H Club.



Cooper Schwartz of the Lincoln Creek 4-H Club showed the Grand Champion and Reserve Champion Breeding Ewe.



Sheep Showmanship honors went to, from right to left: Ryan McClure, Countryside Crusaders, Sr. Grand Champion; Senior Reserve Champion, Blaine Benfer, Sturdy Oak 4-H; Intermediate Grand Champion, Scouten Baker, Countryside Crusaders; Intermediate Reserve Champion, Gentry Hartman, Countryside Crusaders; Junior Grand Champion, Cooper Schwartz, Lincoln Creek 4-H; Junior Reserve Champion, Kale Hartman, Countryside Crusaders. Josh Abeltdt judged the show.



Leading the Grand Champion Dairy Goat was Brandy Sulanka of the Sturdy Oak 4-H Club.



Exhibiting the Reserve Champion Dairy Goat was Sierra Stewart of the Washington Headliners 4-H Club.



Judge Josh Abeltdt chose Lauren Benfer's entry as the Grand Champion Meat Goat. She belongs to the Sturdy Oak 4-H Club.



Lauren Benfer of the Sturdy Oak 4-H Club showed the Grand Champion Breeding Meat Goat.



Winners in the Round Robin Showmanship Contest were, from left: Natalie Sleichter, Intermediate Grand Champion; Kian Ramey Intermediate Reserve Champion; Ryan McClure, Senior Grand Champion and Sarabeth Martin, Senior Reserve Champion.

Congratulations to all the Clay County 4-H Exhibitors from these area businesses.



Natalie Sleichter, Lincoln Creek 4-H, showed the Grand Champion Breeding Gilt. Jarrod Beam served as judge.



The Grand Champion Market Hog was shown by Cooper Schwartz, pictured with judge Jarrod Beam.



Ryan McClure, Countryside Crusaders, showed the Reserve Champion Breeding Gilt.

CONGRATULATIONS
TO ALL LOCAL 4-H YOUTH ON A SUCCESSFUL FAIR!

18035 US-24 | WAMEGO, KS 66547 | (785) 456-2041
1152 PONY EXPRESS HWY | MARYSVILLE, KS | (785) 562-2377

Rockin' S Ranch Supply
Leonardville, Ks.

Kaleb Sullivan • 785-410-2283

THE FEED SHED

318 Lincoln Ave.,
Clay Center, KS
— 785-777-2600 —

HOURS:
Mon.-Fri.: 8 a.m. - 5:30 p.m.
Sat.: 8 a.m. - 2 p.m.
Like us on Facebook!

HARRIS CROP INSURANCE, LLC
We are a farmer owned agency serving Kansas Farmers since 1981.
Specializing in Livestock Risk Protection

785-479-5593 or Toll Free 888-408-4787
1207 Hwy. 15 - Abilene, KS 67410
This agency is an equal opportunity provider
www.harrisropinsurance.com

CONGRATULATIONS TO THE LOCAL 4-H PARTICIPANTS!

www.BrunaImplementCo.com

RILEY STATE BANK
RILEY & LEONARDVILLE 785-485-2811

FARMERS & MERCHANTS WAKEFIELD & LONGFORD
785-461-5434

PERSONAL, INTERNET & MOBILE BANKING
EQUAL HOUSING LENDER MEMBER FDIC



Swine showmanship winners were, from right to left: Ryan McClure, Senior Grand Champion; Sarabeth Martin, Senior Reserve Champion; Natalie Sleichter, Intermediate Grand Champion; Coy Chaffee, Intermediate Reserve Champion; Clara Girrens, Junior Grand Champion and Cooper Schwartz, Junior Reserve Champion.



Beef showmanship winners were, Anna Baxter, Jr. Reserve Champion; Brandy Sulanka, Jr. Grand Champion; Gentry Hartman, Intermediate Reserve Champion; Natalie Sleichter, Intermediate Grand Champion; Kelly Martin, Senior Reserve Champion; and Kaley Chambers, Senior Grand Champion. They are pictured with judge Kurt Schwarz.



Wyatt Varner of the Countryside Crusaders showed the Reserve Champion Overall Poultry and was named the Grand Champion Senior Showman.



At halter of the Grand Champion Mare was Washington Headliner 4-H'er McKennon Lehman.



The Grand Champion Gelding was shown by Allison James of the Lincoln Creek 4-H Club.



The Grand Champion Mule was shown by Brandy Sulanka, Sturdy Oak 4-H Club.



The Reserve Champion Mare was shown by Mahaila Hickman, Lincoln Creek 4-H.



The Grand Champion pony was shown by Clara Girrens of the Lincoln Creek 4-H Club.



Sierra Stewart of the Washington Headliners showed the Reserve Champion Gelding.

K-STATE VETERINARIANS

Helping livestock producers reach their health and production goals while teaching the next generation of veterinarians.

Modern handling and treatment areas, plus a tilt chute!

ON-FARM *services*

- Herd-health programs
- Calf processing
- Breeding soundness exams
- Pregnancy diagnosis
- Reproductive services

HOSPITAL *services*

- Advanced diagnostics
- Lameness evaluation
- Specialty care
- Surgery
- Neonatal intensive care

Veterinary Health Center

MANHATTAN, KANSAS

Livestock Services

Call us today to schedule an appointment! 785-532-5700

24/7 Emergency care

1800 Denison Ave. • Manhattan, Kansas
email: livestockservices@vet.k-state.edu
www.ksvhc.org

Second quarter retail sales and August lamb market reports released

The American Lamb Board (ALB) announces the release of two reports, which provide the industry with valuable information for short- and long-term assessment of the U.S. lamb marketplace.

The 2nd Quarter Retail Sales report (April 10 to July 2, 2022) analyzes multi-unit data from food/grocery, drug, mass merchandisers (such as Walmart), club stores (like Sam's), dollar stores and military commissaries. Key findings are:

- Despite a higher price point, U.S. consumer demand for lamb remains strong. As of Q2 2021, the average price/lb. of lamb was \$8.41 but grew to \$9.47/lb. for Q2 2022.

- While lamb sales largely remained flat between the latest 52 weeks compared to the previous 52 weeks, both dollars and pounds have seen impressive growth between Q2 2021 and Q2 2022, with dollar sales increased 15.7% and volume increased 9.3%.

- Easter Week 2022 saw volume sales reach 2.94 million lbs., just shy of Easter 2021 (3.04 million). Given the higher price point, dollar sales in Easter Week 2022 reached \$26.8 million, compared to \$24.5 in 2021.

Leg sales exploded between Q2 2021 and Q2 2022. Almost the entirety of the volume growth was driven by lamb leg. Leg saw 43.2% more pounds sold and 53.1% increase in dollars. Note that this growth is a reflection of Easter sales which fell in Q2 of 2022 compared to Q2 2021 - Easter sales fell in Q1 in 2021.

Contact Rae Villa for a copy of the full report.

A few weeks is all it takes to see a major shift in the U.S. Lamb market. The August Lamb Market Summary, prepared for ALB by the American Sheep Industry Association (ASI), found what many industry members suspected. Inflation this year has resulted in a decline in real incomes, impacting consumers' willingness to pay for lamb. While the Consumer Price Index (CPI) in July was steady with the prior month, food prices kept increasing, with inflation for food at home and at restaurants 13% and 7.6% higher, respectively. As a result, the demand for live lambs has declined, resulting in a slowdown in feedlot marketings, heavier lamb weights, a rise in over-finished lambs and high feed costs which has reinforced declining live lamb prices.

"What makes this situation so disheartening is that the primary culprit - inflation - is out of our industry's control," said ALB Chairman John Camino. "What the Lamb Board can do short-term is give consumers reasons to choose American lamb. An example is the in-store sampling underway in partnership with Superior Farms."

"Finding more ways to increase productivity and efficiency is a top priority for the checkoff so we can be more competitive in the marketplace," Camino added. "The Lamb Summit showcases much of that work and is just one way we are sharing that information with the industry."

Monthly lamb market summaries, weekly USDA market reports, and year-in-review reports can be found at www.lambresourcecenter.com/market-reports.

Commodity Commission candidates must file by November 30

Grain growers in central Kansas who plan to campaign for a seat on one of the state's five grain commodity commissions — corn, grain sorghum, soybeans, wheat or sunflowers — should be gathering petition signatures now to meet the November 30, 2022, filing deadline. The 2023 election will cover districts four, five, and six; or the central third of Kansas.

- District Four includes Clay, Cloud, Jewell, Mitchell, Osborne, Ottawa, Phillips, Republic, Rooks, Smith and Washington counties.

- District Five includes Barton, Dickinson, Ellis, Ellsworth, Lincoln, Marion, McPherson, Rice, Rush, Russell and Saline counties.

- District Six includes Barber, Comanche, Edwards, Harper, Harvey, Kingman, Kiowa, Pawnee, Pratt, Reno, Sedgwick, Stafford and Sumner counties.

To be eligible to run for any of the five commodity commissions, the candidate must have been actively engaged in growing that commodity (corn, grain sorghum, soybeans, wheat or sunflowers) within the preceding five years and may only represent the district of their primary residence.

Candidates must gather 20 signatures from eligible voters to be included on the 2023 ballot. No more than five signatures from any one county can be used to qualify a candidate. Eligible voters are Kansas residents who will reach age 18 before the election and who have grown corn, grain sorghum, soybeans, sunflowers or wheat for the last three years.

Candidates may choose to complete their petition online, by paper, or a combination of both. The online portal is available at: www.agriculture.ks.gov/kgcvoter. Once the candidate has created an account and petition, the candidate will then have a unique URL to share with signors who can then enter their contact information and sign the petition.

Paper candidate registration packets are also available from the Kansas Department of Agriculture or directly from the grain commodity commissions.

- Kansas Department of Agriculture: 785-564-6726 or agriculture.ks.gov/kgcvoter
- Kansas Corn Commission: 785-410-5009 or com/kcc
- Kansas Grain Sorghum Commission: 785-477-9474 or org/commission
- Kansas Soybean Commission: 785-271-1040 or org/about-the-commission
- Kansas Sunflower Commission: 785-452-1519 or karlesping@msn.com
- Kansas Wheat Commission: 785-539-0255 or com/about/kansas-wheat-commission

2022 Organic Certification Cost Share Program now accepting applications

The Kansas Department of Agriculture has funds available for the National Organic Certification Cost Share Program (NOCCSP). Through this program, farms, ranches, and busi-

nesses that produce, process or package certified organic agricultural products may be reimbursed for eligible expenses.

The purpose of the NOCCSP is to defray the

costs of receiving and maintaining organic certification under the National Organic Program.

For Federal Fiscal Year 2022, the U.S. Department of Agriculture's Farm Ser-

vice Agency set the reimbursement amount at 50% of the certified organic operation's eligible expenses, up to a maximum of \$500 per scope. Scopes include the areas of crops, livestock, wild crops, and handling (i.e., processing). This change is due to a limited amount of funding available and will allow a larger number of certified organic operations to receive assistance.

FSA awards the NOCCSP funds to eligible state agencies that serve as administering entities who work directly with organic operations to reimburse organic certification costs. The current period of qualification for organic operations seeking reimbursements is from Oct. 1, 2021, through Sept. 30, 2022. Applications are now being accepted through November 1, 2022, or until all funds are expended, whichever comes first. Applications may be submitted either by mail or email.

It is the mission of KDA to support all facets of agriculture, including lending support to those who wish to market and sell their products as certified organic. For more information, go to the KDA website at agriculture.ks.gov/OrganicCostShare or contact KDA economist Tori Laird at AgEconomist@ks.gov or 785-564-6726.

**** ESTATE AUCTIONS ****
SATURDAY, SEPTEMBER 17, 2022 • 10:00 AM
 2248 ZZ Road, STRONG CITY, KANSAS
 Saffordville Community Building, Saffordville is about 10 miles West of Emporia on Highway 50 or 7 miles East of Strong City. There is a large Saffordville sign along Highway. Exit highway and go South across Railroad to auction site.
 Photos at: www.hancockauctionandrealstate.com

50 carpenter planes with various names: Bailey, Firestone, union, Keen Kutter#4, Skelton, Lakeside, Miller Falls; 50 carpenter levels with various names, 1 1/2" Winchester; 25 pick axes, various names; 500-1000 wrenches, various names and plain (from a box 4"x2"x2"). Some names are IH, Morrison, Gearench, Studybaker, PP Co, BF Avery; Padlocks; Brass hose nozzles; antique transit and tripod; Bottle openers with names: John Deere field anvil for mower sickles/ledger plates and JD chain breaker; Wooden carpenter's tool boxes; Wire stretchers; Railroad items include Atlas rail car mover, Mopac can, ATSF water bucket, Lanterns, booklets, Keystone RR tool grinder; Axes; Blacksmith tongs; Smith made traveler's and other tools; A few Smith made branding irons; 4 cast iron bath tub legs with lion heads; Ford tractor tire pump; Labels from wooden crates; Arrowheads; Hammers include Coal hammers, KK, Paola coal; Jacks include Standard, Walker, Hudson, Reliable, Eureka #3, New Oliver, Buckeye; Crate openers; Lanterns; 30 Typewriter ribbon tins; Padlocks; Pipestone; **Much More!**

Who knows what more we will find as we go through the next building. LOTS of COLLECTIBLES!
 TERMS: Cash, approved check or credit cards with 4% transaction fee.

HANCOCK AUCTION & REAL ESTATE
 620.340.5692 PAUL HANCOCK, Auctioneer

AUCTION
THURSDAY, SEPTEMBER 29, 2022 — 4:00 PM
 Auction will be held at the home located at 437 Orange Street in ROSSVILLE, KANSAS
REAL ESTATE SELLS AT 5:30 P.M.
 1096 sq ft, 3 bedroom 1 bath w/attached 2 car garage with a 2 bay shop; Home was built in 1920. There is a basement central heat & air. The lot is .333 acres. The home needs repair.
Terms: 10% day of auction to be escrowed at Charles & Wilson Title Co. Balance will be on closing on or before Nov. 15, 2022. Possession will be upon closing. Taxes will be pro-rated to closing. 2021 Taxes were \$1,529.54. The seller will do no inspections or repairs. All inspections made by buyer must be done by September 29, 2022. All statements made day of auction take precedence over printed material. **Thummel Real Estate & Auction LLC is acting as a seller agent. To view the property contact Dave Bipes at 785-379-1858.**

VEHICLES & TRAILERS
 2008 Chrysler Town & Country van; 2001 Dodge Dakota pickup damage to front; 1995 Chevrolet C1500 1/2 pickup does not run; 1996 Ford 1 ton passenger van no keys ran when parked has been setting; Chevrolet Astor Van no keys does not run; 5'x8' Carry On Cargo enclosed trailer; 10'x14' concessions trailer wood built; 2 wheel 4'x8' trailer w/ramp; old beer truck turned into work trailer; 2 electric handy cap 4 wheel scooters; White lawn mower doesn't run; 350 engine block; small Chev block; tires; car parts (Chevy transmissions, car parts; 1967 Chev tail gate.

TOOLS
 Craftsman table saw new in box; Alton 3500w generator 120v; 2 McCulloch Mac 10 chain saws; Central Machinery water pump w/2.5 gas motor new in box; portable air compressor; air compressor under bench needs removed; band saw; electric pressure washer; heavy duty air paint gun; Dewalt grinder; cut off saw; sit on creeper; jack stands; bars; chain hoist w/l-beam will need to be removed; 4'x8' steel pallet rack steel beam; sockets (1/4", 3/8", 1/2", 3/4"); ratchets; pipe wrenches; end wrenches; many hand tools; hammers; new circular saw; port-a-power; leaf blower; Economy spot sprayer in box; welding tools; metal shop table; wood work bench; lathe tools; soldering gun; oil cans; case oil; many qt. cans oil; case grease; hyd cylinders; large assortment hub caps; 10 speed bike; kids bike; rear cargo carrier for receiver; lawn tools; tractor muffler; stop light on stand; United Delco cabinet; Victor cabinet; Standard Blue Streak cabinet; many point condensers, spark plugs, coils & electrical; fertilizer spreader; weed eaters; used lumber; storm doors some new in box; parts bins; ratchet straps; gas generators; set on creeper.

GUNS, TOYS & HOUSEHOLD
Guns inc: Winchester model 190 22lr; Iver Johnson 30 carbine; Mossberg 545 a 22lr; Winchester model 37 20 ga; Remington 788 243; Grossman BB gun; Colt Police Positive Special; Rohm RG10 22; Walter PPK 32 ACP; **Toys inc:** Farm tractors (White, Fiat, John Deere, Hesston, Minneapolis-Moline, Ford, Massey Ferguson, Oliver, IHC, Case, Farmall, Fordson, MM City, Wallis, Case, Allis Chalmers, many small tractor & semis); 6 Goodyear tire ash trays; car manuals; toy collector books; 40 car tags inc: 1937, 1955, 1970s; K State decanter; 21 silver dollars; Yamaha electric piano; stereo equipment; 2-pc. china hutch; kitchen table & chairs; 4 drawer chest; 2 queen beds; bedroom set; clocks; several lamps; kerosene lamps; industrial coffee machine; fans; kitchen items; books; material; cameras; Christmas decorations; VHS & DVD; assortment of other items.

NOTE: Check our website for pictures at www.thummelauction.com
JIM MILLENBRUCH ESTATE
 Auction Conducted By: **THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067**

EMPORIA LIVESTOCK SALE CO.
 Bonded & Insured
 SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM
 620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

Date: 9/7/22. Total Head Count: 600.
Cows: \$64-\$95.00; Bulls: \$107-\$117.50.

BRED COWS		
6 blk	1237 @ 1400.00	3 blk 585 @ 193.00
		4 blk 590 @ 193.00
		4 bkbwf 563 @ 192.00
		8 mix 536 @ 186.00
HEIFERS		
4 blk	451 @ 189.00	4 mix 549 @ 180.00
7 bkbwf	470 @ 186.00	19 mix 599 @ 178.50
7 blk	423 @ 183.00	5 blk 664 @ 185.50
7 blk	504 @ 177.00	3 blk 680 @ 171.50
10 mix	588 @ 176.00	6 blk 711 @ 183.00
3 bkbwf	505 @ 171.00	12 bkbwf 737 @ 183.00
3 blk	560 @ 154.00	20 bkbwf 792 @ 180.75
15 blk	650 @ 176.50	4 bkbwf 704 @ 180.50
8 blk	609 @ 176.00	9 mix 711 @ 175.00
6 Char	634 @ 170.00	16 mix 745 @ 175.00
4 blk	659 @ 168.00	4 mix 786 @ 175.00
32 blk	716 @ 175.75	5 mix 724 @ 149.00
6 bkbwf	728 @ 171.50	5 mix 836 @ 178.50
5 bkbwf	718 @ 166.00	3 bkbwf 823 @ 176.50
3 Char	740 @ 165.00	3 blk 805 @ 176.00
3 bwf	868 @ 165.00	6 mix 827 @ 176.00
3 mix	835 @ 161.00	5 bkbwf 817 @ 175.75
		4 bkbwf 815 @ 175.00
BRED HEIFERS		
9 blk	1002 @ 1385.00	27 mix 847 @ 175.00
3 blk	1092 @ 1300.00	23 mix 800 @ 174.50
		14 mix 922 @ 173.00
		3 mix 902 @ 171.00
STEERS		
4 bkbwf	411 @ 223.00	6 bkbwf 998 @ 163.00
4 bkbwf	460 @ 217.00	24 mix 1009 @ 164.00
		3 mix 1015 @ 162.00

EARLY CONSIGNMENTS FOR SEPT. 14
 • 80 blk Red & Char strs, 750-825#
 • 63 Hereford X hfrs, off grass, 750-850#
 • 250 mix strs, 800-950#
PLUS MORE BY SALE TIME!

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!
 YOUR BUSINESS IS ALWAYS APPRECIATED!

For Cattle Appraisals Call:
BRODY PEAK, 620-343-5107 **GLENN UNRUH, 620-341-0607**
LYLE WILLIAMS, Field Representative, 785-229-5457
MATT REDDING, Field Representative, 620-364-6715
DALTON HOOK, Field Representative, 785-219-2908
 WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.
To see more consignments go to: emporialivestock.com

JC LIVESTOCK SALES INC.
 Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from September 7th, 2022

STEERS			
5 Red bk	447	203.00	16 blk X 727 167.75
13 blk	670	190.00	26 mix 821 159.50
5 blk	708	187.00	
24 blk	761	181.75	TOP BUTCHER COW:
11 blk	875	172.50	\$100.00 @ 1,850 LBS.
			TOP BUTCHER BULL:
			\$104.50 @ 1,795 LBS.
HEIFERS			
8 bk Red	525	187.00	FAT HOG TOP:
7 bk Red	656	176.00	\$64.00 @ 330 LBS.

EARLY CONSIGNMENTS FOR SEPT. 14
 • 70 blk Xstrs..... 775-825#
 • 25 blk Xstrs & hfrs, off cow..... 450-600#
 • 20 blk Redstrs & hfrs, off cow..... 450-600#
PLUS MORE BY SALE TIME!

EARLY CONSIGNMENTS FOR SEPT. 21
 • 50 Red bk, pre-vac400-550# Reputation Red Angus
 • 40 Red blk, pre-vac400-550# Reputation Red Angus
 • 80 blk X, pre-vac400-600# Angus Sired
PLUS MORE BY SALE TIME!

FIRST SPECIAL FALL CALF SALE:
MON., OCT. 10 @ 6:30 P.M.

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

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

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

CLAY CENTER LIVESTOCK SALES INC.
 Cattle sales Tuesday, 11:00 AM.

NO SALE TUES., SEPT. 6
 Due to Labor Day Holiday

EARLY CONSIGNMENTS FOR SEPT. 13
 SEE FACEBOOK PAGE FOR CONSIGNMENTS!



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

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

Kansas Profile

By Ron Wilson
Executive Director of
the Huck Boyd
Institute



Kaden and Emily Roush, R Family Farms

By Ron Wilson, director of
the Huck Boyd National
Institute for Rural
Development at Kansas
State University
"Kon'nichiwa."

That is hello in Japanese. Today, a shipment from the United States is arriving in Japan. It's some samples of specialty, high-quality pork produced by a family halfway around the globe in rural Kansas.

Kaden and Emily Roush are the owners of R Family Farms and a local grocery store in

Lebanon, Ks. Kaden grew up in Lebanon on a crop and livestock farm. Five generations of his family have been involved in agriculture.

Hog production was a major part of the Roush family operation until the hog market crash of the 1990s. As described by the family's website: "However, out of the ashes sprang an opportunity for an energetic little boy, a few sows, and a 4-H project."

Young Kaden Roush was that little boy. Roush enrolled in

the swine project in 4-H, raised pigs and showed them successfully at the county fair. Soon he was selling extra pigs to fellow 4-H members.

In the process, Roush developed a knack for livestock evaluation. He would develop and use those skills on the livestock judging teams at Allen Community College in Iola and then Kansas State University. The national judging team tours gave Roush the opportunity to observe diversity in agriculture and potential opportunities for marketing pork.

Roush soon met Emily. She was raised on a three-generation wheat, corn and soybean farm near the rural community of Iola, population 5,396 people. Now, that's rural.

Emily was active in FFA. After studying at Allen Community College, she finished her degree in agronomy at K-State and married Kaden. He earned a degree in agribusiness with a major in animal science.

Together, Kaden and

Emily's families embody more than two centuries of history of caring for the land and animals.

Kaden and Emily thought about the opportunities for niche marketing of pork and decided to move back to his home area to launch a specialty hog enterprise. They named it R Family Farms. The Roush website states about Emily: "Although pigs were not her first love (or second, for that matter), she quickly grew to love them and joyfully welcomed them as a part of her future."

The Roushs' vision was to educate consumers about where their food comes from while providing a world-class culinary experience. To do so, they chose to raise the Berkshire breed of hogs.

In 2015, R Family Farms broke ground on a new hog facility. The first Berkshire pigs arrived in January 2016. Today, R Family Farms is home to 75 sows that farrow all year long. The resulting litters are raised to market weight. About half of

Grass & Grain, September 13, 2022

Page 23

the meat is sold by private label and half to vendors in Missouri. In 2019, they shipped samples to Japan. Meanwhile, Kaden works as a loan officer at a local bank and Emily serves as Lebanon city clerk.

The family needed a specific outlet for their specialty Berkshire pork. They were supplying pork to a national chain of organic whole food stores when the chain cancelled their contract. It appeared to be a disaster.

Then they were contacted by Paradise Locker Meats in Paradise, Mo. That company was selling Berkshire pork to high-end restaurants and suddenly found that their source could not supply it.

"It was divine intervention," Emily said. "We lost our contract and he'd lost his supplier. He needed the number of hogs that we had."

The Roush's farm supplied the pork and Paradise Locker Meats filled the order. The two businesses have worked together ever since.

Today, R Family Farms is using old-style outdoor production practices combined with modern day technology to bring superior quality pork to market.

For more information, see www.rfamilyfarmsks.com.

It's time to leave Japan, which was the recipient of these Berkshire pork samples produced halfway around the world in Kansas. We salute Kaden and Emily Roush of R Family Farms for making a difference with innovative marketing of their products.

It's time to say goodbye - or as they say in Japan, "Sayonara."

And there's more. Remember that the Roush family owns a grocery store? We'll learn about that next week.

Audio and text files of Kansas Profiles are available at <http://www.kansas-profile.com>. For more information about the Huck Boyd Institute, interested persons can visit <http://www.huckboydinstitute.org>.

Cover crop evaluations to consider

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

If you regularly plant cover crops, you probably already have a 'mix' you like to use based on the purpose for planting a cover crop in the first place. If you're new to cover crops, the options can be overwhelming. While there are lots of local resources available to assist you, if you want to do some exploration and forward planning, on your own, consider a couple of lesser known resources available to producers as well.

The first is the Midwest Cover Crops Council Decision Tool available online at: <https://midwestcovercrops.org/covercroptool/>. It allows you to input a location, reason for planting a cover crop (multiple ones if needed) and

Walmart invests in Sustainable Beef LLC

Walmart signed an agreement this week to acquire a minority stake in Sustainable Beef LLC, a rancher-owned company based in North Platte, Nebraska.

Walmart's equity investment is part of a partnership to source angus beef from Sustainable Beef LLC's new beef processing facility in effort to help supplement the current beef industry and provide additional opportunities for ranchers to increase their business. The facility, which will process 1,500 head per day, is expected to break ground next month and open by late 2024, creating more than 800 new jobs and allowing for more capacity in the beef industry, Feedstuffs reports.

Sustainable Beef LLC will also work with beef producers to understand elements of the supply chain cycle, such as grain sourcing and grazing management. Animal care will follow the Five Freedoms, and there will be a consistent approach to antibiotic use and reporting across herds in line with Walmart's Position on Antibiotics in Animals, which asks suppliers to adopt and implement American Veterinary Medical Association Judicious Use Principles of Antimicrobials.

the cash crops you are managing around. With this information, it assembles a list of possible crops as suggested by a collaborative group of University Extension Specialists, NRCS Technical Service Personnel, and Seed Industry Experts. It no doubt misses a few crops, but it will give you a great first step about what crops to consider, plus provides planting/management information on individual crops as well.

Once you get a crop (or three...) selected, you may be curious about varieties. A 2020 publication summarized a two-year evaluation of 56 commercially available varieties of eight different cover crops, including black oats, cereal rye, crimson clover, and daikon radish. Similar to variety trials for our commodity crops, this study aims to help you choose the best adapted cover crop for your system. It can be accessed at https://www.midwestcover-crops.org/wp-content/uploads/2021/05/NRCS_2020_Evaluation-fo-Cool-Season-Cover-Crops-in-NCR.pdf.

Not all cover crops or varieties will be available or suited to all potential cost share programs. What these resources can do is provide you information as you explore if cover crops are right for you, and if so, what that crop might be.

Central Livestock
811 N. Main St.
South Hutchinson, Ks

www.centrallivestockks.com

Clint and Dalli Turpin ~ Owners
Office: 620-662-3371

Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 11:00 a.m.
Sheep/Goat Auction- Every 3rd Saturday at 11:00 a.m.
Horse/Tack Auction- Every 2nd Saturday

Sat., Sept. 17th - Sheep & Goat Sale
Tues., Sept. 20th - Bred Cow/Pair Sale
Tues., Sept. 27th - Calf/Yearling Special
ALL WEIGH COWS & BULLS SELL AT THE END

Wooden Cross
... the cattle business ...
Cattle Company

Charolais Bulls For Sale Private Treaty

- > Moderate, easy doing and powerful
- > Calving ease on all sire groups
- > Longevity
- > Closed herd adds consistency to your calf crop
- > Raised rough to be tough in a ranch environment
- > Large number to choose from
- > All bulls are registered with full performance and EPD data
- > All bulls are reasonably priced

Wooden Cross Cattle Company
557 190th Road, Hillsboro, KS 67063
Merle: 620-381-1712 • Chase: 620-877-7237
woodencross@fhrd.net
www.woodencrosscattleco.com

BELLEVILLE 81 LIVESTOCK SALES
Junction Hwys 36 & 81 Belleville, Kansas

CATTLE SALES EVERY FRIDAY • 9:30 AM

CATTLE SALE
FRIDAY, SEPT. 16

- 20 blk bwf cows, 3-6 yrs w/ blk calves.
- 35 Red str, 400-570# • 35 blk, 400-600# • 30 blk, 400-550#
- 12 blk hfrs, 550# • 55 blk, 400-575# **PLUS MORE!**

Auctioneer Ethan Schuette 785-541-1027
Fieldman Brad Gilliam, Washington, KS • 785-747-8170
For Market Reports, and Early Listings
Website: Belleville81.com
Barry & Angii Kort, Owners • 785-527-2258
Thanks for your business!

EL DORADO
LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159

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

Market Report - Sale Date 9-8-22. 869 head

400-500 lb. steers, \$173-\$221; heifers, \$162-\$170; 500-600 lb. steers, \$171-\$200; heifers, \$157-\$182.50; 600-700 lb. steers, \$164-\$190; heifers, \$149-\$173; 700-800 lb. steers, \$157-\$184; heifers, \$145.50-\$169.50; 800-900 lb. steers, \$161-\$170.50; heifers, \$151-\$165; 900-1,000 lb. steers, \$151-\$168.

Trend on Calves: Mostly \$4-\$5 lower on uneven test. **Trend on Feeder Cattle:** Steady-\$4 lower. **Butcher Cows:** High dressing cows \$82.50-\$91; Avg. dressing cows \$70-\$82; Low dressing cows \$50-\$65. **Butcher Bulls:** Avg. to high dressing bulls \$86-\$106. **Trend on Cows & Bulls:** Unevenly steady.

Some Highlights Include:

HEIFERS	STEERS
8 mix 501@178.00	2 blk 363@221.00
27 blk 544@182.50	4 mix 506@195.00
24 mix 572@177.50	14 mix 540@194.00
14 mix 606@172.50	10 mix 583@200.00
20 mix 686@173.00	11 mix 661@185.00
9 blk 775@169.50	15 mix 735@184.00
60 blk 849@165.00	46 mix 875@170.25
59 mix 886@161.40	21 blk 885@170.50
6 mix 953@152.50	57 blk 953@168.00

Holton Livestock Exchange, Inc.

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

Livestock Auction every Tuesday at 11:00 AM

****STARTING TIME: 11:00 AM****

MARKET REPORT FOR TUESDAY, SEPTEMBER 6, 2022
RECEIPTS: 1118 CATTLE
FOR FULL RESULTS, VISIT OUR WEBSITE:
WWW.HOLTONLIVESTOCK.COM

STEERS	HEIFERS
2 blk Circleville 227@255.00	10 blk Fairview 794@178.50
18 blk Highland 407@252.50	35 blk Holton 835@175.25
7 red rnf bulls Baileyville 292@241.00	22 blk bwf Havensville 666@168.75
6 blk red Bendena 335@235.00	11 blk DeKalb, MO 881@163.50
32 blk bwf Highland 497@226.50	10 blk bwf Highland 394@211.00
4 blk Horton 491@221.00	22 blk Highland 457@200.00
7 blk red Circleville 566@209.00	6 blk char Lebo 571@185.50
7 blk Netawaka 398@206.00	12 blk Lebo 652@180.00
9 blk red Bendena 467@205.00	11 blk Fairview 718@176.50
12 red rnf bulls Baileyville 412@202.00	8 mix Holton 576@170.00
10 blk char Perry 618@200.50	22 red blk Bendena 346@170.00
7 blk bwf Highland 572@197.00	7 blk bwf Leavenworth 581@169.00
23 blk char Netawaka 659@191.75	8 blk gry Holton 760@167.75
10 bwf rnf Havensville 575@190.00	15 blk red Bendena 430@163.00
17 blk red Bendena 378@185.00	11 blk DeKalb, MO 975@149.50

David DeMaranville Estate Farm Auction,
Saturday, September 17 Winchester, KS

Fall Consignment Auction, Saturday, October 1.
Held at Holton Livestock Exchange

To view full listings & pictures, please visit our website

Dan Harris, Auctioneer & Owner • 785-364-7137
Danny Deters, Corning, Auct. & Field Rep. • 785-336-1622
Dick Coppinger, Winchester, Field Rep. • 913-683-5485
Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417
Larry Matzke, Wheaton, Field Rep. • 785-268-0225
Craig Wischropp, Horton, Field Rep. • 785-547-5419
Mark Servaes, Atchison, Field Rep. • 816-390-2549

Barn Phone • 785-364-4114

WEBSITE: www.holtonlivestock.com

EMAIL: dan@holtonlivestock.com

View our auctions live at "Imauctions.com"

Next Sale: Thursday, September 15

- 360 steers & heifers, weaned 60+, 2 round shots, 700-850lbs
- 140 mx steers & heifers, weaned 60+, 2 round shots, 700-850lbs
- 80 bwf/rwf, steers & heifers, LTW, HR, shots, 750-850lbs
- 40 blk/rd steers, HR, LTW, shots, 650-800lbs
- 3 loads mx heifers, off grass, 700-775lbs
- 60 mostly blk heifers, LTW, 750-800lbs
- 80 mostly blk steers & heifers, LTW, 600-700lbs
- 40 mx steers, 700-800lbs
- 100 blk/bwf steers & heifers, off cows, shots, wormed, 600-700lbs
- 50 blk steers & heifers, HR, LTW, shots, 775-850lbs
- 35 red angus heifers, HR, shots, 400lbs
- 1 load mostly blk steers, 850-900lbs

GO TO OUR WEBSITE FOR DAILY CONSIGNMENT UPDATES
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 Owner/Barn Manager (316) 680-9680	Van Schmidt Auctioneer/Fieldman (620) 345-6879
Seth Greenwood Asst. Barn Manager/Fieldman (620) 583-3338	Barrett Simon Auctioneer/Fieldman (316) 452-1792
Kyle Criger, Fieldman, (620) 330-3500	

Cattle Sale Every Thursday 11:00 AM

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, September 8th, we had 760 head of cattle on an active market.

STEERS	7 blk.....650@179.00	6 blk.....662@174.00
11 blkbwf 392@237.00	66 blkbwf 890@177.20	7 blk.....633@169.00
6 bkRd....433@225.25	115 blkbwf	7 blk.....531@170.00
19 mix....611@201.00992@174.00	6 blkbwf ..485@170.00
8 blk.....643@195.00	26 RdChr 908@173.25	5 wf.....700@166.00
6 blk.....669@191.00	HEIFERS	15 mix.....453@166.00
4 bkRd...751@188.00	4 bkRd...380@190.00	11 bkRd...639@165.00
9 blkbwf ..782@186.50	22 blkbwf..782@186.50	BULLS
9 blkbwf ..782@186.50	22 blkbwf..782@186.50	3 blkbwf ..575@184.00
7 blk.....705@185.00446@189.00	2 blkbwf ..848@139.50
6 blk.....762@183.75	5 blk.....529@175.00	

Butcher Cows: \$49-\$90.00, mostly \$70-\$87.00, very active.
Butcher Bulls: \$92-\$114, mostly \$104-\$109, on a light test.

BUTCHER COWS	BUTCHER BULLS
1 Char 1890@90.00	1 Yellow 1405@114.00
1 bwf 1750@88.50	1 blk 1890@112.00
1 bwf 1495@88.00	1 blk 1915@111.50
5 blk 1704@87.50	1 blk 1945@109.50
2 Rd Char 1555@86.00	1 blk 2105@104.00
2 blk 1358@86.00	1 blk 1700@104.00
1 bwf 1250@85.50	

SPECIAL STOCKER FEEDER CALF SALE
SEPTEMBER 15

- 500 Fancy Ang & bwf str & hfrs, 700-900#, all home raised, longtime weaned & triple vac.
- 180 mostly blk & Red Ang str & hfrs, 650-800#, home raised, running out.
- 110 blk Dairy X hfrs, 600-750#, triple vac & open.
- 100 mix str & hfrs, 550-700#, longtime weaned & double vac., running out, thin flesh, hfrs open.
- 15 fat Holstein hfrs, 1500-1700#

CALL WITH YOUR CONSIGNMENTS TODAY!

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



Yard & Garden Tips

By Gregg Eyestone

Over-Seeding the Tall Fescue Lawn

Early September is the best time to plant grass seed. The soil temperatures are warm for quick seed germination. Weeds are waning and generally, rains assist the fall growth.

Bare spots in full sun can support six to eight pounds of tall fescue seed to be planted per 1,000 square feet. This helps determine how much

grass seed to purchase. Over-seeding thin lawns will need less seed planted. If you consider your lawn about half-filled with grass plants, use three to four pounds per 1,000 square feet. The seeding rate is cut in half to account for existing turf.

Shady area of the lawn cannot support the six to eight pounds seeding rate.

The amount of sunlight for the grass plants is the limiting factor. Try the three to four pound rate for bare areas in the shade. Too much new seed planted can create excess competition and weaken the lawn. If this doesn't work, there is too much shade for grass to grow. A groundcover that grows in the shade is a good alternative.

Grass seed needs to be planted into the soil. Small areas can be worked using a garden rake to open up the soil for the seed to get into it. Equipment such as a slit seeder or aerator can be used to open up the soil over the whole lawn. Good success will be achieved with the use of one of these machines.

The grass seed will need to be blended into the upper one-eighth to one-quarter inch of the soil surface. Seed left on the surface will likely not

get established. Irrigation most likely will move the seed into position when one uses the aerator or slit seeder. Keep the soil moist until the grass is established.

Mow the grass when it becomes tall enough. This will make it spread out. Some nitrogen fertilizer will make the grass become stronger. A few weeds may need to be managed to help the young turfgrass. More information on these topics are available in publications,

by contact and video. Please contact me if you need additional resources.

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

Survey says young adults struggle most with buying food

Generation Z, Americans born after 1996, are the demographic struggling the most with keeping food on the table, according to a recent report from Purdue University.

Generally, an estimated 16 percent of the nation experienced food insecurity in the prior 30 days, according to Purdue's Consumer Foods Insights, a monthly survey of more than 1,200 Americans. Since January 2022, however, more than 30 percent of Gen Z adults reported having trouble buying food for themselves or their families, Purdue University's Center for Food Demand Analysis and Sustainability College of Agriculture estimated.

About 30 percent of Gen Z households also reported receiving free groceries from a food pantry, church or other charity organization during the previous 30 days. The figure is significantly higher than the 8 percent of households headed by members of the Baby Boom generation, those born before 1965, who took similar paths to feed themselves or their families within one month of answering the survey.

The survey also discovered that Gen Z Americans also are most likely to choose generic, private-label products over costlier, brand-named foods when shopping in grocery stores.

Zone soil testing of forage stands

By David G. Hallauer, Meadowlark District Extension Agent, crops and soils/horticulture

Forage stands aren't traditionally soil-tested as intensely as crop fields. Yield monitoring isn't as precise and return on investment to sampling isn't as easy to see. Still, it doesn't hurt to review field histories to see if at least some increase in testing intensity shouldn't be considered.

Conditions this summer have provided one opportunity to see field differ-

ences. In many cases, a field's thinnest soils have become easy to see during this summer's dry stretches. If those droughty areas match up with areas traditionally lower in production, it may be a good place to consider 'zone' sampling. Take samples from within the lower production areas and compare them to samples pulled from more average areas. If fertility differences show up, then you can start to manage accordingly. If not, other factors can then be considered.

Conditions this summer have provided one opportunity to see field differ-

ences. In many cases, a field's thinnest soils have become easy to see during this summer's dry stretches. If those droughty areas match up with areas traditionally lower in production, it may be a good place to consider 'zone' sampling. Take samples from within the lower production areas and compare them to samples pulled from more average areas. If fertility differences show up, then you can start to manage accordingly. If not, other factors can then be considered.

Sampling field-wise typically does a pretty good job of giving us a good number on which to base fertilizer application decisions. If you aren't soil sampling already, now is a great time to start, and field scale sampling is a great place to start. If you've got a sampling program in place already, zone sampling may help you fine-tune your application program a little more.

If you want to discuss potential zone sampling soil test programs, drop me a line at dhallaue@ksu.edu or contact any of our Meadowlark Extension District Offices.

Grass & Grain Weather Report Sept. 14, 2022

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																								
WEDNESDAY Mostly Sunny High: 91 Low: 66 THURSDAY Partly Cloudy High: 90 Low: 67 FRIDAY Sunny High: 92 Low: 66 SATURDAY Sunny High: 94 Low: 70 SUNDAY Sunny High: 99 Low: 73 MONDAY Sunny High: 98 Low: 74 TUESDAY Mostly Cloudy High: 96 Low: 70	Today we will see mostly sunny skies, high of 91°, humidity of 37%. South wind 7 to 14 mph. The record high for today is 97° set in 2017. Expect partly cloudy skies tonight with a slight chance of showers, overnight low of 66°. South southeast wind 7 to 10 mph. Last Week's Almanac <table border="1"> <thead> <tr> <th>Date</th> <th>HI/LO</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>9/2</td><td>94/69</td><td>86/60</td><td>0.00"</td></tr> <tr><td>9/3</td><td>89/60</td><td>86/60</td><td>0.00"</td></tr> <tr><td>9/4</td><td>84/55</td><td>86/60</td><td>0.00"</td></tr> <tr><td>9/5</td><td>87/64</td><td>85/59</td><td>0.00"</td></tr> <tr><td>9/6</td><td>92/61</td><td>85/59</td><td>0.00"</td></tr> <tr><td>9/7</td><td>89/66</td><td>85/59</td><td>0.00"</td></tr> <tr><td>9/8</td><td>92/59</td><td>84/58</td><td>0.00"</td></tr> </tbody> </table> Rainfall 0.00" Normal rainfall 0.97" Departure -0.97" Average temp. 75.8° Average normal 72.3° Departure +3.5°	Date	HI/LO	Normals	Precip	9/2	94/69	86/60	0.00"	9/3	89/60	86/60	0.00"	9/4	84/55	86/60	0.00"	9/5	87/64	85/59	0.00"	9/6	92/61	85/59	0.00"	9/7	89/66	85/59	0.00"	9/8	92/59	84/58	0.00"																									
Date	HI/LO	Normals	Precip																																																							
9/2	94/69	86/60	0.00"																																																							
9/3	89/60	86/60	0.00"																																																							
9/4	84/55	86/60	0.00"																																																							
9/5	87/64	85/59	0.00"																																																							
9/6	92/61	85/59	0.00"																																																							
9/7	89/66	85/59	0.00"																																																							
9/8	92/59	84/58	0.00"																																																							
Local UV Index 0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure	Weather History Sept. 14, 1987 - Thunderstorms developing along a cold front produced severe weather from Minnesota to Texas. Thunderstorms in Iowa produced baseball size hail at Laporte City and 80 mph winds at Laurens.	Growing Degree Days <table border="1"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr><td>9/2</td><td>31</td><td>9/6</td><td>26</td></tr> <tr><td>9/3</td><td>24</td><td>9/7</td><td>27</td></tr> <tr><td>9/4</td><td>19</td><td>9/8</td><td>25</td></tr> <tr><td>9/5</td><td>25</td><td></td><td></td></tr> </tbody> </table>	Date	Degree Days	Date	Degree Days	9/2	31	9/6	26	9/3	24	9/7	27	9/4	19	9/8	25	9/5	25																																						
Date	Degree Days	Date	Degree Days																																																							
9/2	31	9/6	26																																																							
9/3	24	9/7	27																																																							
9/4	19	9/8	25																																																							
9/5	25																																																									
This Week's Sun & Moon Chart <table border="1"> <thead> <tr> <th>Last</th> <th>Day</th> <th>Sunrise</th> <th>Sunset</th> <th>Moonrise</th> <th>Moonset</th> <th>First</th> </tr> </thead> <tbody> <tr> <td>9/17</td> <td>Wednesday</td> <td>7:07 a.m.</td> <td>7:36 p.m.</td> <td>10:01 p.m.</td> <td>11:40 a.m.</td> <td>10/2</td> </tr> <tr> <td></td> <td>Thursday</td> <td>7:08 a.m.</td> <td>7:34 p.m.</td> <td>10:33 p.m.</td> <td>12:45 p.m.</td> <td></td> </tr> <tr> <td></td> <td>Friday</td> <td>7:09 a.m.</td> <td>7:33 p.m.</td> <td>11:10 p.m.</td> <td>1:48 p.m.</td> <td></td> </tr> <tr> <td></td> <td>Saturday</td> <td>7:09 a.m.</td> <td>7:31 p.m.</td> <td>11:54 p.m.</td> <td>2:48 p.m.</td> <td></td> </tr> <tr> <td></td> <td>Sunday</td> <td>7:10 a.m.</td> <td>7:30 p.m.</td> <td>Prev Day</td> <td>3:42 p.m.</td> <td></td> </tr> <tr> <td>New</td> <td>Monday</td> <td>7:11 a.m.</td> <td>7:28 p.m.</td> <td>12:43 a.m.</td> <td>4:30 p.m.</td> <td>Full</td> </tr> <tr> <td>9/25</td> <td>Tuesday</td> <td>7:12 a.m.</td> <td>7:26 p.m.</td> <td>1:39 a.m.</td> <td>5:12 p.m.</td> <td></td> </tr> </tbody> </table>			Last	Day	Sunrise	Sunset	Moonrise	Moonset	First	9/17	Wednesday	7:07 a.m.	7:36 p.m.	10:01 p.m.	11:40 a.m.	10/2		Thursday	7:08 a.m.	7:34 p.m.	10:33 p.m.	12:45 p.m.			Friday	7:09 a.m.	7:33 p.m.	11:10 p.m.	1:48 p.m.			Saturday	7:09 a.m.	7:31 p.m.	11:54 p.m.	2:48 p.m.			Sunday	7:10 a.m.	7:30 p.m.	Prev Day	3:42 p.m.		New	Monday	7:11 a.m.	7:28 p.m.	12:43 a.m.	4:30 p.m.	Full	9/25	Tuesday	7:12 a.m.	7:26 p.m.	1:39 a.m.	5:12 p.m.	
Last	Day	Sunrise	Sunset	Moonrise	Moonset	First																																																				
9/17	Wednesday	7:07 a.m.	7:36 p.m.	10:01 p.m.	11:40 a.m.	10/2																																																				
	Thursday	7:08 a.m.	7:34 p.m.	10:33 p.m.	12:45 p.m.																																																					
	Friday	7:09 a.m.	7:33 p.m.	11:10 p.m.	1:48 p.m.																																																					
	Saturday	7:09 a.m.	7:31 p.m.	11:54 p.m.	2:48 p.m.																																																					
	Sunday	7:10 a.m.	7:30 p.m.	Prev Day	3:42 p.m.																																																					
New	Monday	7:11 a.m.	7:28 p.m.	12:43 a.m.	4:30 p.m.	Full																																																				
9/25	Tuesday	7:12 a.m.	7:26 p.m.	1:39 a.m.	5:12 p.m.																																																					

AUCTION

SUNDAY, SEPTEMBER 25, 2022 — 10:00 AM
 Auction will be held in Kenwood Hall at the Saline Co. Expo, 900 Greeley, SALINA, KS

Wicker library table, hall table, desk & chair, chassis lounge, table, serving cart, table; oak 3 door ice box; oak Harrard organ w/top; floral love seat; glass fire place screen; child's rockers; 2 sections stack bookcase; ice cream chairs; patio furniture; walnut drop leaf table; cherry desk; 48" square oak table porcelain top table; porcelain top kitchen table & chairs; primitive drop front desk; sewing machine base table; child's cradle; wool rug; corner medicine cabinet; primitive wood work bench; 2 stain glass windows; set 8 Kings Crown china; red Depression glass; kerosene lamps; dresser lamps; crock bowls; blue & white granite; cigar mold; silver items; candle holders; assortment of glass; fancy wicker buggy; dolls; doll bunk bed; lunch box; assortment of pictures & art; quilts; wood shuttles; dress form; Underwood typewriter; wash tubs; Holiday items; Halloween; Dunlop thermos bottle; large collection of party and holiday decorations; **assortment of other items.**

MARJ MORROW
 iron pig bank; Mickey Mouse lamp; doll dishes; Big Bird dishes; Barbie Fashion Plaza; paper dolls; Donald Duck roly polly; Roseville pottery; Art glass vase; Carnival glass; Fenton pieces; Fire King; Goofus plate; Jewell T bowls; refrigerator dishes; cookie jars; kerosene lamps; cartoon glasses; banjo; Smolan State Bank book; KC Baking Power book; crock bowl; plastic dishes; many silhouette pictures; wood cut pictures; folding rules; wood shaft golf clubs; tins inc: Betty Ann; lighters; boat TV light; Aluminum Christmas tree; color wheel; chicken waters; minnow bucket; wire egg basket; metal coffee grinder; sewing basket; bushel baskets; **large assortment of other items.**

Kansas artist prints (Old US 40 Highway PK; Adelia Swensson Oaks 28); **Large assortment of toys:** Tonka construction; Tonka fire trucks, dump trucks, other; several semi trucks; several model cars in box; farm tractors; Gleaner combines; Case steam tractor; Cragston Two Gun Sheriff; Tonka jeep; Structo cattle semi, wrecker, other toys; cast iron tractor; cast

NOTE: This is a large auction. We have combined the Morrow & Lambert auctions to make a very nice selection. We will be working both collections. Check our website for pictures at www.thummelauction.com

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

Deep Creek Community ICE CREAM SOCIAL

at the Historic Deep Creek Community Schoolhouse
 — 3125 Deep Creek Rd. —
Sunday, September 18th • 4:00 - 6:00 p.m.

Tickets are \$3.00 for a piece of homemade pie or cake and homemade icecream.

REAL ESTATE PROPERTY ONLINE AUCTION

Owner: DAVID G. HOWELL & DEBORAH HOWELL

This Real Estate is being sold ONLINE ONLY. To bid, you must Register
330 and 340 Harrison Street, LITTLE RIVER, KANSAS
ONLINE BIDDING OPENS: Thursday, September 15, 8:00 a.m.
ONLINE BIDDING CLOSES: Wednesday, September 21, 8:00 p.m.

Register & BID at: <https://hollingerauction.hibid.com/auctions/current>

Lots 3 & 4 in Block 23 City of Little River, KS, Rice County, Kansas Property sells "as is, where is." One is very nice house ready to move into and the other is small house next door that needs to be refurbished.
****OPEN HOUSES: Tuesday, September 13 and Tuesday, September 20 * 5-6:30 p.m. each day.****
 Use link above for Terms and conditions as well as pictures and information.
HOLLINGER ONLINE AUCTION & REAL ESTATE, Lyons Office, 117 W. Main, Lyons, KS 620-257-8148 or 620-257-8147

Sell At St. Marys

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

We sold 1465 cattle September 6. Steer and heifer calves were in good demand at steady prices. Feeder steers and heifers were steady to \$3.00 higher. Cows and bulls were steady.

STEER & BULL CALVES 1 blk bull 250 @ 231.00 7 bwf str 446 @ 220.00 2 x0bred bulls 345 @ 213.00 3 bwf str/bulls 350 @ 211.00 1 blk str 485 @ 207.00 1 blk str 520 @ 204.00 2 blk str 503 @ 197.00 3 x-bred str 450 @ 191.00 3 blk str 485 @ 191.00 10 blk/char bulls 492 @ 188.00 1 char bull 530 @ 184.00 1 char bull 545 @ 178.00 6 x-bred bulls 511 @ 170.50 STOCKER & FEEDER STEERS 17 blk str 574 @ 193.00 58 blk/bwf str 795 @ 192.75 3 blk str 583 @ 192.00 131 blk/red str 802 @ 190.35 52 blk/red str 778 @ 190.25 6 blk str 563 @ 190.00 144 blk/red str 800 @ 189.10 25 blk/bwf str 702 @ 186.50 38 blk/red str 824 @ 186.00 27 blk/bwf str 830 @ 183.75 63 blk/bwf str 872 @ 183.50	70 blk/bwf str 881 @ 181.25 62 blk/red str 819 @ 181.00 6 blk/bwf str 702 @ 179.50 14 blk/red str 811 @ 179.50 117 blk/bwf str 929 @ 178.85 5 blk/bwf str 833 @ 174.50 39 blk str 886 @ 173.75 60 mix str 929 @ 172.60 58 mix str 756 @ 170.50 61 mix str 930 @ 170.00 10 wf str 936 @ 163.00 HEIFER CALVES 10 bwf hfr 422 @ 214.00 4 bwf hfr 308 @ 213.00 2 blk hfr 255 @ 203.00 3 blk hfr 403 @ 195.00 1 blk hfr 240 @ 187.00 2 blk hfr 335 @ 185.50 3 blk/sim hfr 425 @ 183.00 7 x-bred hfr 436 @ 181.50 3 char hfr 437 @ 180.50 4 x-bred hfr 510 @ 179.00 7 char hfr 525 @ 177.00 14 mix hfr 536 @ 174.00 3 x-bred hfr 548 @ 172.00	STOCKER & FEEDER HEIFERS 5 blk hfr 554 @ 183.00 6 blk/bwf hfr 573 @ 180.00 14 blk/red hfr 669 @ 175.50 16 blk/bwf hfr 703 @ 172.50 65 blk/red hfr 718 @ 169.25 4 blk hfr 900 @ 147.00 2 char hfr 890 @ 143.00 COWS & HEIFERETTES 1 blk hfr 1055 @ 131.00 2 blk/bwf hfr 1268 @ 120.00 1 blk hfr 995 @ 106.00 1 bwf cow 1390 @ 97.50 1 blk cow 1485 @ 97.00 1 blk cow 1415 @ 96.00 1 blk cow 1430 @ 95.50 1 blk cow 1470 @ 94.00 1 blk cow 1210 @ 93.50 1 blk cow 1260 @ 92.50 1 blk cow 1250 @ 91.50 1 blk cow 1775 @ 91.00 1 blk cow 1555 @ 90.50 1 blk cow 1445 @ 90.00 1 hol cow 1210 @ 89.50	1 blk cow 1780 @ 89.00 1 blk cow 1370 @ 88.50 1 blk cow 1390 @ 88.00 1 wf cow 1310 @ 86.50 1 blk cow 1730 @ 86.00 1 blk cow 1525 @ 85.00 1 wf cow 1160 @ 84.50 1 blk cow 1440 @ 84.00 1 blk cow 1175 @ 83.00 1 blk cow 1295 @ 81.00 1 blk cow 1205 @ 80.00 1 blk cow 1130 @ 79.00 1 rn cow 935 @ 78.00 1 blk cow 1165 @ 77.00 1 blk cow 1035 @ 75.50 1 blk cow 1095 @ 75.00 BRED COWS & HEIFERS 1 red cow @ 1500.00 5 blk cows @ 1210.00 2 blk cows @ 1150.00 11 blk cows @ 1085.00 1 blk cow @ 1000.00 1 blk hfr @ 975.00	COW/CALF PAIRS 1 bwf cow/cf @ 1725.00 1 blk cow/cf @ 1625.00 1 blk cow/cf @ 1275.00 BULLS 1 blk bull 1660 @ 112.50 1 blk bull 1380 @ 109.00 1 blk bull 1965 @ 108.50 1 wf bull 1905 @ 105.50 1 blk bull 2030 @ 101.00 1 blk bull 2135 @ 100.00
---	--	--	---	--

CONSIGNMENTS FOR TUESDAY, SEPT. 13, 2022:

- 50 Angus str & hfrs, 450-600 lbs., vaccinated
- 90 SimAngus str & hfrs, 450-600 lbs., vacc.
- 20 blk steers, 500-600 lbs., vaccinated
- 50 blk steers, 475-550 lbs., weaned, vacc.
- 190 blk steers, 850-900 lbs., off grass
- 65 blk steers, 850-875 lbs., off grass
- 130 blk str, 850-875 lbs., off grass, Northern origin
- 110 blk str, 800-825 lbs., off grass, Northern origin
- 70 blk heifers, 775-800 lbs., off grass
- 90 blk heifers, 800-825 lbs., off grass

CONSIGNMENTS FOR TUESDAY, SEPT. 20, 2022:

- 70 blk str & hfrs, 450-600 lbs., vaccinated
- 30 blk steers, 450-500 lbs., vaccinated
- 160 SimAngus str & hfrs, 600-800 lbs., off grass
- 58 blk steers, 750-800 lbs., off grass

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

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

FOR INFORMATION OR ESTIMATES:
 REZAC BARN ST. MARYS, 785-437-2785
 DENNIS REZAC ST. MARYS, 785-437-6349
 DENNIS' CELL PHONE 785-456-4187
 KENNETH REZAC ST. MARYS 785-458-9071
 LELAND BAILEY TOPEKA, 785-215-1002
 LYNN REZAC ST. MARYS, 785-456-4943
 REX ARB MELVERN, 785-224-6765

Toll Free Number.....1-800-531-1676
 Website: www.rezaclivestock.com
 AUCTIONEERS: DENNIS REZAC & REX ARB

Rezac Livestock Commission Company, Inc. St. Marys, Ks.