



Schwieterman Market Outlook

A marketing commentary by Bret Crofts

The Cattle on Feed Report came out as expected with 100% on feed, 102% Placed, and 101% Marketed. With the numbers so close to expectations, there shouldn't be any market impact.

Cattle futures had a mixed week. The live cattle were unable to build upon recent gains, but some feeder cattle con-

tracts were able to make new multi-month highs. Trend indicators still point higher in both the live cattle and feeder cattle futures, and with the cash cattle market creeping higher and the feeder index making solid gains for the week, there isn't much reason for the cattle market to change trends. For the moment it is still

realistic to look for the October live cattle to reach the \$111-\$112 area and for the front months of the feeders to head for the \$150 area.

For the most part, the grain markets were very choppy and directionless. The December corn took out the previous low, which looks very negative, but was only 5 cents lower

for the week. The September KW had big trading ranges every day, but finished the week 3/4 of a cent higher for the week. The November soybeans gain about 4 cents for the week, but traded lower for the week at some point every day.

The biggest news items were the continued large export sales, mostly of soybeans, to China and the declining dollar. There is no question that export demand for our grain is very good right now. Much of it is because of Chinese buying, but we are seeing good numbers from other parts of Asia as well. The falling dollar has got to be playing some kind of role in export, so for the sake of agriculture in the U.S., I hope it continues.

The September U.S. dollar Index made new contract lows this week and on the continuation chart, the market is at the lowest level since October

of 2018. The weakness has not only helped our export market, it has also put some life into the gold and silver. The silver market is at the highest level since 2013 and the gold is approaching all-time highs in the spot month.

Looking ahead, the weather and the forecasts are mostly non-threatening. The August supply and demand report comes out the 12th and right now expectations seem to be skewed towards a higher yield estimate. If we do get a higher yield estimate in the corn, it will be awfully hard to overcome the added production no matter what export demand does. The soybeans are in a little bit better shape than the corn and we still have the potential to see demand absorb a big part of any yield increase. What traders are going to be harping on in the face of the strong demand is potential cancellations by

the Chinese if our relations with them continue to sour. That is a possibility I suppose, but judging by their domestic prices, they need to get ahead of some grain and some pork.

Schwieterman, Inc. is a full service commodity brokerage firm. If you would like more information on commodity markets or our brokerage services, contact Bret Crofts at 800-272-9131, www.upthelimit.com or bret@swbell.net

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Silveiras Sandy 9326 won supreme champion and grand champion owned female at the 2020 Kansas Junior Angus Association Preview Show, June 6-7 in Hutchinson. Jayce Dickerson, Paradise, owns the March 2019 daughter of Colburn Primo 5153. She first won late junior champion. Ryan Sweeney, Stillwater, Okla., evaluated the 96 entries. Photos by Jeff Mafi, American Angus Association



PCC SSST Princess 288D won reserve grand champion cow-calf pair at 2020 Kansas Junior Angus Preview Show. Nicholas Siemens, Towanda, owns the April 2016 daughter of PCC Witten 111A. A February 2020 heifer calf sired by Musgrave 316 Stunner is at side.



SSF Bardot 3268 won grand champion cow-calf pair at 2020 Kansas Junior Angus Preview Show, June 6-7 in Hutchinson. Ben Nikkel, Mc Pherson, owns the March 2018 daughter of K Bar D Native Joe 32D. A February 2020 bull calf sired by W L E Legit 830 completes the winning pair.

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For pictures & more information, please contact:

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For our sale held Friday, July 24th, we had a stronger under tone in the market with all classes with quality and condition selling at stronger prices. Cull cows and bulls sold \$2 higher on the kind offered.

STEER CALVES — 325-550 LBS

Wakefield	3 blk	331@183.00
Riley	6 blk	455@177.00
Riley	10 blk	423@171.00
Osage City	3 blk	433@170.00
Riley	17 blk	526@165.50
Tescott	3 blk	535@164.50
Riley	16 blk	483@150.00

STEERS — 550-925 LBS.

Riley	10 blk	559@163.50
Soldier	13 Rd Ang	561@163.25
Tescott	3 Char	658@153.50
Soldier	18 Rd Ang	633@153.25
Riley	12 blk	675@151.00
Burlingame	4 blk	611@148.50
Riley	7 blk	680@147.50
Burlingame	6 blk	617@146.50
Wamego	6 Cross	670@139.00
Wamego	9 Cross	751@135.50
Alma	7 blk	782@135.00
Riley	7 blk	805@133.50
Junction City	3 blk	798@132.00
Riley	4 blk	861@131.50
Randolph	3 blk	921@129.00

HEIFER CALVES — 325-550 LBS.

Tescott	3 blk	391@157.00
Osage City	5 blk	345@153.00
Wakefield	6 blk	419@153.00
Osage City	3 bwf	450@149.00
Riley	13 blk	526@148.50
Wakefield	3 blk	443@125.00

HEIFERS — 550-900 LBS.

Soldier	18 Rd Ang	562@146.50
Wakefield	10 blk	568@144.25
Riley	16 blk	594@142.50
Riley	8 blk	672@136.00
Burlingame	4 blk	608@136.00
Riley	4 blk	738@127.00
Junction City	31 Cross	752@126.75
Axtell	4 Cross	735@125.00
Alma	3 blk	723@120.00
Riley	3 blk	865@118.50
Riley	5 blk	880@118.00
Axtell	7 Cross	860@118.00
Riley	3 Heref	750@107.00

COWS & HEIFERETTES — 700-1,700 LBS.

Delia	1 bwf	705@87.50
Westmoreland	1 blk	960@77.00
Council Grove	1 Cross	1050@75.00
Westmoreland	1 blk	1150@73.50
Westmoreland	1 blk	1255@65.00
Burlingame	1 blk	1380@64.50
Manhattan	1 Cross	1340@64.00
Westmoreland	1 blk	1460@62.00
Columbia, MO	1 Char	1320@60.00
Manhattan	1 blk	1445@59.00
Manhattan	1 Hols	1250@59.00
Westmoreland	1 blk	1030@58.50
Westmoreland	1 blk	1005@57.50
Manhattan	1 Hols	1295@55.00
Manhattan	1 Hols	1110@55.00
Manhattan	1 Hols	1695@53.50
Manhattan	1 Hols	1640@52.00
Alma	1 Heref	1235@47.00
Eskridge	1 Cross	850@46.00

BULLS — 1,125-1,750 LBS.

Council Grove	1 blk	1735@88.50
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Seneca	1 blk	1625@85.00	Alma	1 Heref	1715@74.50
Hoyt	1 bwf	1125@75.00			

EARLY CONSIGNMENTS FOR JULY 31

- 70 choice reputation blk, BWF, Red Angus, Red Baldy str, 2 rds shots, 600-725 lbs.
- 75 Choice reputation homeraised blk bwf str, off grass, no implants, 800-900 lbs.
- 60 choice blk bwf str & hfrs, Spring shots, 650-850 lbs.
- 44 blk str & hfrs, 2 rds shots, weaned 5/1, 500-700 lbs.
- 15 bwf & bwf str & hfrs, 1 rd Spring shots, long weaned, 600-700 lbs.
- 55 Choice Blk BWF str & hfrs, Spring shots, 600-700 lbs.
- 30 Blk str & hfrs, 2 rds shots/ long weaned, 550-625 lbs.
- 62 Blk, Red, & RWF str & hfrs, 2 rds shots/ weaned 45 days, 600-800 lbs.
- 100 Choice reputation Blk str, 2 rds shots, 650-800 lbs.
- 45 choice blk hfrs, 750-775 lbs
- 50 SimmAngus str & hfrs, 2 rds shots, long weaned, 600-750 lbs.
- 17 bwf & Heref mainly str & hfrs, 2 rds shots, weaned, 600-700 lbs.
- 110 choice reputation Angus str, 675-825 lbs.
- 40 choice reputation Angus hfrs, 600-700 lbs.

EARLY CONSIGNMENTS FOR AUG. 7

COMPLETE DISPERSAL SELLING AT 11:30 AM CONSISTING OF:

- 14 Retirement Registered Angus Fall calving Cow Herd Dispersal Consisting of 7 (3-4 yr olds) 7 (2 yr old). All are A-I bred and cleaned up with Registered Angus bulls for Sept thru Oct calving. ALSO SELLING 7 open yearling replacement hfrs. This herd comes from 33 years A-I breeding, have good dispositions, and all vaccinations.
- 60 choice reputation blk str & hfrs, 650-800 lbs.
- 43 blk & RWF mostly str & hfrs, long weaned, 2 rds shots, 550-650 lbs.
- 15 Red Ang OCV replacement hfrs, 3 rds shots, long weaned, 650-750 lbs.
- 25 blk, Red Angus X and Char X str & hfrs, 3 rds shots, long weaned, 500-700 lbs.
- 2 Fall calving Ang cows, 3 yrs, bred Registered Angus bulls for late Aug. & Sept. calves.

EARLY CONSIGNMENTS FOR AUG. 14

- 486 blk, many bwf, few Red Angus cross str off grass, 775-825 lbs.
- 38 blk bwf str & hfrs, weaned 30 days, bunk broke, 2 rds shots, 725-750 lbs.
- 24 Cross str & hfrs, weaned 30 days, bunk broke, 1 rd shots, 500-700 lbs.

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				ANDREW SYLVESTER WAMEGO 785-456-4352

Kansas Hay Market Report

Hay market trade slow and demand light. Recent beneficial, spotty rain showers and storms came in several rounds recently, with most hay report contributors, receiving a little something and all was thankfully received. Abnormal dryness (D0) decreased to 31.5 pct, moderate drought (D1) decreased to 22 pct, severe drought (D2) increased to 8 pct, extreme drought (D3) increased to 3 pct. According to USDA/NASS, Kansas topsoil moisture rated short to very short was at 45%. Similarly, pasture and range conditions rated poor to very poor was 22% in Kansas. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

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

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, alfalfa pellets, steady; movement slow. Alfalfa: horse, small squares 255.00-275.00. Dairy, 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-178.00. Stock cow, 140.00-150.00. Old crop, fair/Good grinding alfalfa, 85.00-100.00; New crop fair/good grinding alfalfa 105.00-120.00 delivered, with an instance at 130.00 delivered. Old crop, ground and delivered locally to feedlots 140.00-150.00; new crop ground and delivered 135.00-145.00, with an instance at 150.00-155.00. Alfalfa pellets: Sun cured 15 pct protein 185.00-195.00 with an instance at 200.00, 17 pct protein 195.00-210.00, Dehydrated 17 pct 300.00-310.00. Grass Hay: Bluestem, none reported. Sudan: large rounds 55.00-65.00. Wheat Straw: none reported. The week of 7/12-7/18, 5,039T of grinding alfalfa and 750T of dairy alfalfa was reported bought/sold.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady; movement slow. Alfalfa: horse or goat, 230.00-240.00. Dairy 1.00/point RFV. Stock cow 145.00-155.00. Fair/Good grinding alfalfa, 115.00-125.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 125.00-135.00, good, mid squares 105.00-120.00, large squares, 90.00-110.00, large rounds 60.00-65.00. Brome, good, small squares 125.00-150.00, old crop mid to large squares 100.00-110.00, New Crop large squares 110.00-120.00, large rounds new crop, 75.00-85.00. Wheat Straw: mid and large squares 60.00-70.00, large rounds 55.00-65.00. The week of 7/12-7/18, 1,252T of grass hay was reported bought/sold.

Northwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: Horse or goat, 205.00-215.00. Dairy, Premium/Supreme 1.00/point RFV. Stock cow, fair/good none reported. Fair/good grinding alfalfa,

95.00-105.00. Ground and delivered locally to feedlots and dairies, 125.00-135.00. Sudan, large rounds 55.00-65.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay, steady; movement slow. Alfalfa: horse, premium small squares new crop, 9.00/bale. Old crop dairy 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-170.00. New crop dairy 1.00-1.05/pt. Stock Cow, none reported.

Fair/good, grinding alfalfa, 105.00-115.00. Ground and delivered 120.00-135.00. Grass hay: Bluestem, old crop, small squares 6.00-7.00/bale, mid to large squares 80.00-90.00, large rounds 55.00-65.00, new crop no trades reported. Brome, small squares new crop 8.50/bale, large squares 90.00-100.00, large rounds Old crop 55.00-65.00, New crop 75.00-85.00; Sudan, large rounds 55.00-65.00. Wheat Straw: small squares 5.00-6.00/bale delivered, mid to large squares 95.00-105.00, large rounds 40.00/bale. The week of 7/12-7/18, 782T of grinding alfalfa and 800T of dairy alfalfa was reported bought/sold.

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

*CWF Certified Weed Free

*RFV calculated using the Wis/Minn formula.

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

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

Marshall issues statement on USDA report of packer investigation

U. S. Rep. Roger Marshall, M.D. released the following statement after the publication of a report and recommended actions by the USDA amid the ongoing investigations into market manipulation by

beef packing plants. "The USDA's report on price spread between fed cattle and boxed beef prices following both the Kansas packing plant fire in August 2019 and the ongoing COVID-19 pandemic

was helpful and indeed highlighted the substantial impact both events have had on the beef industry. While this report is useful in outlining solutions and reforms we can act on immediately, I continue to look forward to the conclusion and final findings of both the USDA and Department of Justice's investigations.

Kansas is one of the leading beef producing states, representing all parts of the beef supply chain and it is essential that we bring solvency back to our family ranches and livestock owners.

Since coming to Congress, I have worked tirelessly to advocate for issues impacting the livestock industry. In addition to the ongoing investigations, I believe there are several impactful changes that Congress and the USDA can and should implement to help both livestock owners and consumers.

I am a cosponsor of the RAMP-UP Act, which

would establish a program to help smaller meat processors make facility upgrades to help them move to federal inspection and sell their products across state lines. I have also worked to resolve issues with the CFTC and provide our livestock owners with more marketing and risk management opportunities. I am also supportive of the Agricultural Security Risk Review Act, which would ensure that foreign investment in the agriculture industry is given the necessary scrutiny needed to protect our national food supply chain.

As the author of the Real MEAT Act, I have advocated for greater transparency in labeling to protect terms like "meat" and "beef" and help consumers better differentiate real meat from non-meat products. I have also been an advocate for improved labeling of non-U.S. meat products, which will also provide greater transparency for consumers. Another one of my bills, the

SALE Act, would establish a trust to protect cash sellers from predatory dealers by ensuring they are paid out.

I have also helped to secure several exemptions from the U.S. Department of Transportation's Electronic Logging Devices (ELD) mandates for livestock haulers and authored legislation to give the USDA Secretary the authority to grant haying and grazing rights to CRP landowners during pandemics.

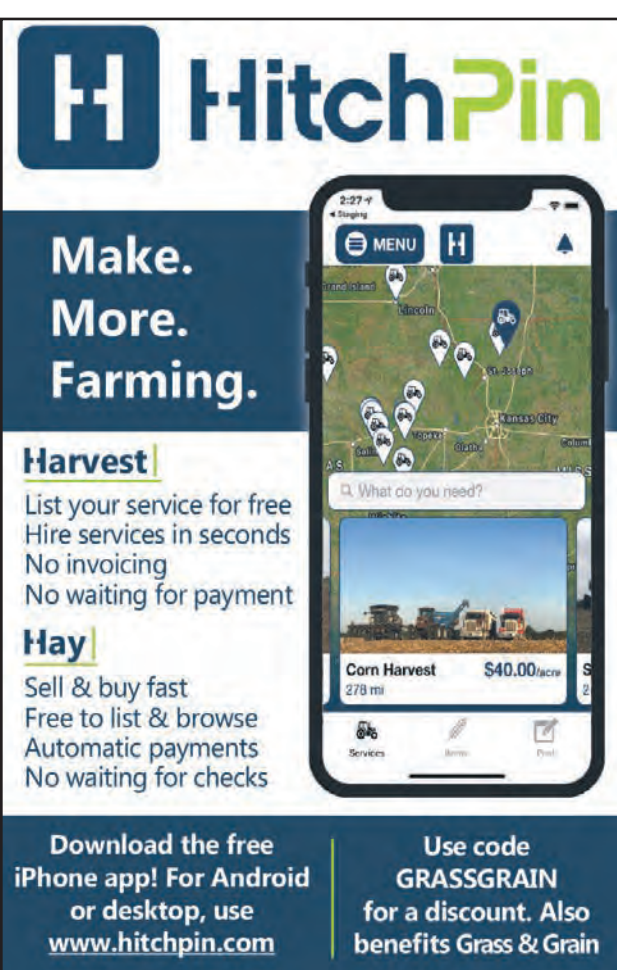
When fires broke out in southern Kansas in 2016 and 2017, I authored legislation to bring relief to livestock and property owners impacted by the fire by rolling back unnecessary regulatory burdens hampering their ability to rebuild and recoup losses.

When COVID-19 impacted the communities and beef packing plants in southwest Kansas, I reached out to the White House Task Force and CDC to set up community and on-site testing, deliver

essential medical equipment to local hospitals and personal protective equipment for packing plant employees. Working alongside the local health departments, hospitals, nurses, and other front line workers we were able to keep all four packing plants operational and never drop below 50 percent processing capacity.

Finally, we led a request to the White House, which resulted in USDA assistance to the livestock industry, through its Coronavirus Food Assistance Program. The agency had paid livestock owners more than \$2.4 billion to supplement losses from COVID. Prior to this program, livestock owners had never been included in direct payments from the USDA.

As we continue our work in Congress, there remains a great deal to be done to help our livestock owners and American consumers and I look forward to continuing to lead the charge."



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Coming down to the end – how weather affects fall crops

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

Most weather models six to eight weeks ago suggested a warmer than normal summer with be-

low-normal precipitation. For much of northeast Kansas, the temperature part may have been true, but precipitation has come at just the right time. We dodged a disaster, if you will.

Still, moisture stress isn't out of the question. Much of our corn crop is in the blister to dough stage, with 40-plus days to maturity – or a point when moisture is no longer needed by the crop. The requirement for the crop at this

point? Seven to ten inches of water is still needed.

Soybeans see a similar requirement. Much of the crop is more than 40 days away from maturity, requiring nine-plus inches of water to finish. Interestingly enough, soybeans, even at the full seed stage (pods contain a green seed filling the cavity in one of the four uppermost nodes on the main stem), require three and a half inches of rain to get to maturity. It's one of the most critical

stages of the soybean life cycle and can have huge impacts on yield.

What's the forecast for the next 45 days? Most models show neutral moisture possibilities (equal chances of above or below normal). What actually happens is anyone's guess, but few will argue with a good moisture profile in late July. For a more in-depth outlook, check out this article in the last KSU eUpdate at https://webapp.agsci.ksu.edu/agr_social/article_new/kansas-weather-early-fall-2020-outlook-398-6.



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Mineral: the key to flock breeding success

While lambing season gets all the hype, breeding season is the key to your flock's success. A successful breeding season means more ewes pregnant, more lambs on the ground and more money in your pocket. And a key to breeding success is offering your flock mineral.

"Many producers don't use mineral or only use mineral if they have a problem pop up to save on cost," says Clay Elliott, Ph.D. and small ruminant nutritionist with Purina Animal Nutrition. "But offering a mineral - or offering mineral longer - can more than pay for itself through optimized reproduction."

Follow these mineral tips for breeding success:

Feed mineral longer
"Feeding mineral a month before breeding is common practice, but it isn't enough time for ewes to get the most benefit from the mineral," says Elliott. "Instead, start offering mineral at least 60 days before breeding and continue feeding throughout gestation."

A longer timeline allows sheep to maximize intake, correct mineral deficiencies and achieve optimal breeding results.

Want to take your flock up a notch? Feed mineral year-round to help prevent deficiencies and the resulting challenges before they even happen.

"Feeding a mineral year-round can save you in the long run," says Maggie Amburgey, small ruminant technical specialist with Purina Animal Nutrition. "When you factor in the cost of potential lost pregnancies, poor conception rates, substandard performance and death loss, you realize how much a good mineral program can make a difference."

Optimize mineral intake
"One of the main questions we get from producers is how much mineral sheep should eat," says Elliott. "Low intake means your flock isn't getting enough nutrients, and high intake means you're paying for more mineral than sheep need."

Sheep will often over-consume mineral when it's first offered. This is normal, since sheep may be eating more to compensate for a mineral deficiency. Intake will level off several days after mineral is introduced and deficiencies are corrected.

Underconsumption is usually a result of mineral location. Place mineral feeders in high-traffic

areas where sheep spend most of their time. Then, gradually shift mineral location to underused areas of pasture. Keep feeders clean and protected from the elements.

Look for a mineral that's formulated for optimal intake levels to avoid over- or underconsumption.

Don't forget the calcium
One of the biggest

things to look for in a mineral, especially when it comes to supporting reproduction, is calcium.

Bioavailability, or the ability to absorb the calcium and other minerals rather than passing through the animal, is another key feature. Look for a mineral with 90% or greater bioavailability to maximize effectiveness.

"Feeding a complete,

bioavailable mineral ensures sheep get all the nutrients they need," says Amburgey. "The mineral form can play a role, but the key things to evaluate is the calcium to phosphorus levels, mineral bioavailability and salt level."

Mineral blocks are often used because they require less labor - you

just set it and forget it. But, unlike mineral blocks which typically only contain trace minerals, Purina® Wind and Rain® Sheep Mineral is fortified with high levels of calcium as well as organic zinc, manganese and cobalt to help support reproduction.

"Providing a mineral year-round is a great op-

tion for producers looking to enhance their breeding program," says Elliott. "Maggie and I are sheep producers ourselves and know first-hand what's needed to support flocks and maximize profit potential - and we formulate our products with that in mind."

Learn more about feeding mineral at purinamills.com/sheep-feed.



Kelsey Theis, Leavenworth, won champion commercial steer at the 2020 Kansas Junior Angus Association



Avery Mullen, Ulysses, won reserve champion commercial steer at the 2020 Kansas Junior Angus Association Preview Show, June 6-7 in Hutchinson.

Photo by Jeff Mafi, American Angus Association

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2-DAY AUCTION

SATURDAY, AUG. 8 & SATURDAY, AUG. 15

****DAY 1**:**

SATURDAY, AUGUST 8, 2020 — 9:00 AM
We will sell the following items at public auction at the air-conditioned Herington Community Center located south of downtown at 810 S. Broadway in HERINGTON, KANSAS.

MOSTLY ANTIQUE FURNITURE: Walnut buffet; 2 kitchen ranges; refrigerator; card table; misc. chairs; lots of bedroom furniture; small tables & stands; Bentwood high chair; Zenith console radio; Singer sewing machine in cabinet; more. **ANTIQUES, COLLECTIBLES & GLASSWARE:** John Deere 20 pedal tractor; pedal car; various farm toys, trucks, lots of games from 50s & older, Little Lady 6 puzzle set; Roy Rogers lunch box & thermos; old Western paper items; Disney items; marble game; ant. books; door hardware; cork rifles; many more old toys; costume jewelry; Southwest jewelry, turquoise; lg. assortment of very nice antique pictures, several cool ones with horses, the one w/3 horse heads; Hummels; Precious Moments; colored Pyrex; lots of nice Fenton; lots more nice old glass; **Very large & nice offering of silk flowers, baskets & related items, most were purchased at Hobby Lobby or Ben Franklin. Large quantity and variety of household items; SS pots & pans & other kitchen supplies; Stanley tool box and a variety of tools, many many other items too numerous to list.**

****DAY 2**:**

SATURDAY, AUGUST 15, 2020 — 9:00 AM
We will sell the following items at public auction at the house located at 120 E. Logan, HERINGTON, KANSAS. This residence is located at the north edge of town. From the John Deere dealership go approx. 1 mile west, north side of the road.

1947 IH pickup, complete (sells at 10:00); over 50 pieces concrete figurines & other yard art; hay mow fork & trolley; outdoor rock collection; arbor trellis; large amount of old ornate iron yard fencing with fancy posts & wire in very good condition, cool; lots of buckets & other galv. items; other yard items; Poulan Pro tractor lawn mower; Poulan 4.5hp push mower, VG; nice wood chipper; garden trailer; kids wagons; Fairbanks all metal sack scale; lg. old air compressor; sm. old cement mixer; Maytag wringer washer; pile of bricks; some lumber; 2 iron piles; piles of sheet metal, aluminum, copper wire; 11 pen dog kennel with building to be moved; lots of rabbit cages; old house doors; wire cattle panels; other panels; a dbl garage full of misc.; antiques, primitives and numerous scattered items.

NOTE: Irene lived in this house much of her life and accumulated a large and diverse array of items. A lot was passed down through the generations. Lots of old things & stuff. Lunch both days!

NOTE: Social distancing and masks are encouraged.
TERMS: Cash day of sale. Not responsible for accidents.
CLERK: Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432

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7/22/20 SALE RESULTS			
COWS & HEIFERETTES			
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Alta Vista, 1 red	1170@70.50	Hillsboro, 3 blk	807@131.25
White City, 1 rnf	1240@70.00	Cncl Grve, 3 blk	742@130.00
Herington, 1 blk	1140@70.00	Tampa, 21 blk	862@127.00
Maize, 1 red	1425@70.00	BRED COWS - 2YR - SHORT	
Marion, 1 blk	2040@70.00	Lost Springs, 4	1160-1680@950-1050
Alta Vista, 1 blk	1230@70.00	HEIFERS	
White City, 1 blk	1750@69.50	Herington, 6 blk	446@138.00
White City, 1 blk	1220@69.50	Cncl Grve, 7 blk	630@137.00
White City, 1 blk	1340@69.50	Cncl Grve, 13 blk	742@136.00
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Alta Vista, 1 red	1160@69.50	Tampa, 43 mix	809@125.00
Alta Vista, 1 red	1080@69.00	Wilsey, 4 blk	659@120.00
White City, 1 blk	1595@68.50	Cncl Grve, 3 blk	588@117.50
White City, 1 blk	1395@68.50	Cncl Grve, 4 blk	718@109.00
White City, 1 blk	1345@68.50	CALVES - BY THE HEAD	
White City, 1 blk	1535@68.50	Herington, 1 Chr-bull	180@360.00
White City, 1 blk	1345@68.50	Herington, 1 blk-hfr	100@270.00
		STEERS	
		Herington, 4 blk	486@145.00
		White City, 5 blk	583@140.00
		Herington, 5 blk	518@135.00
		White City, 7 blk	756@135.00

SPECIAL FALL CALF SALE - JULY 29

- 50 Char X str & hfrs, home raised, shots, 500-700 lbs.
- 15 Char X str & hfrs, home raised, shots, 500-700 lbs.
- 50 mostly blk str & hfrs, home raised, shots, 500-750 lbs.
- 170 blk str & hfrs, home raised, shots, 500-750 lbs.
- 55 blk str & hfrs, home raised, shots, weaned, 500-750 lbs.
- 25 blk hfrs, home raised, long weaned, shots, 600-650 lbs.
- 15 mix hfrs, home raised, long weaned, shots, 800 lbs.
- 51 blk str & hfrs, home raised, long weaned, shots, 600-800 lbs.
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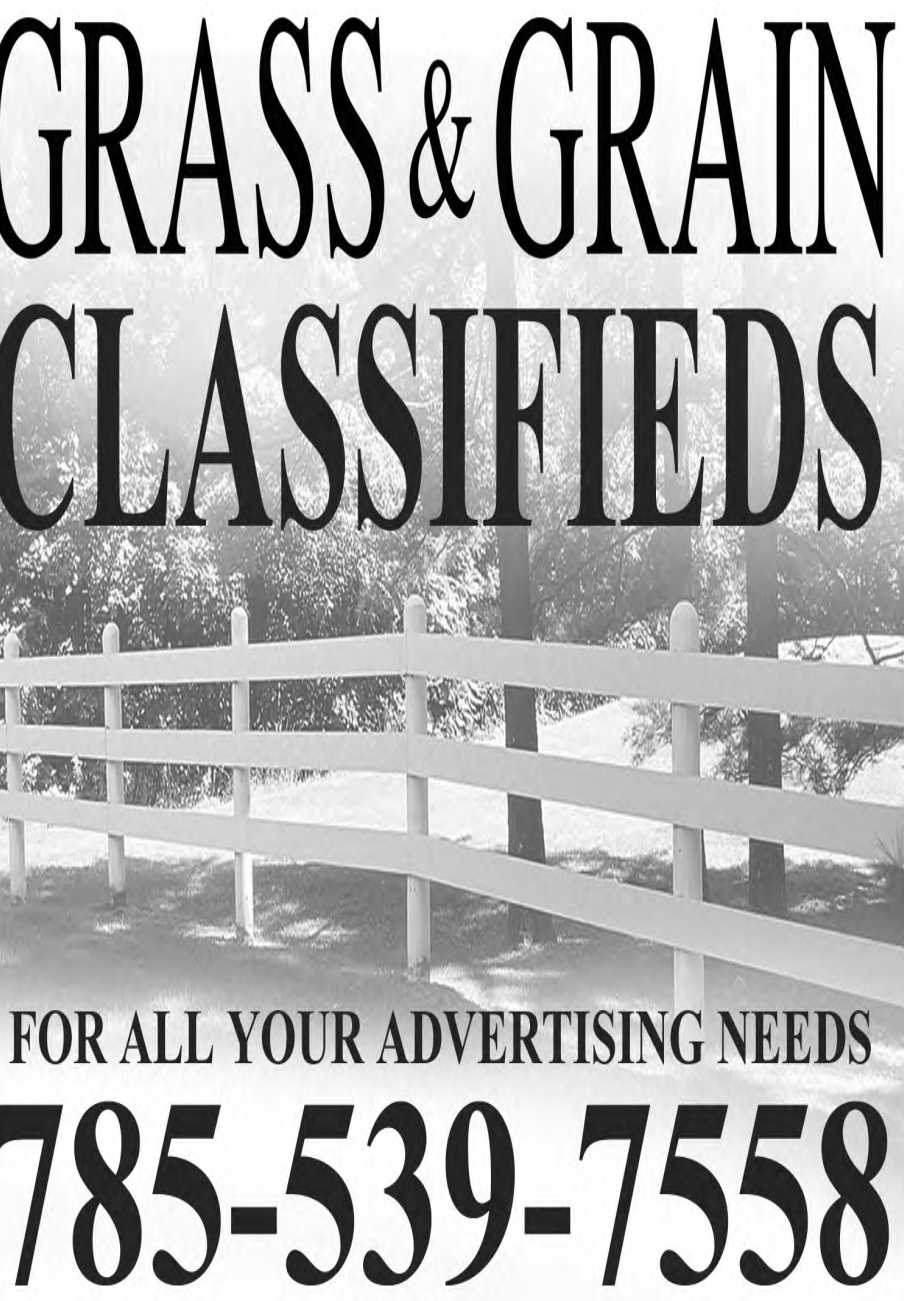
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North American Meat Institute members donate more than 325,000 hot dogs to Feeding America food banks for National Hot Dog Day

In recognition of National Hot Dog Day, members of the North American Meat Institute (NAMI or the Meat Institute) worked with Feeding America to donate more than 325,000 hot dogs to food banks across the nation for people in need during the COVID-19 pandemic.

"Meat Institute members have donated millions of dollars and meat and poultry products to Americans in need since the beginning of this crisis," said Meat Institute president and CEO Julie Anna Potts. "For National Hot Dog Day, we wanted to work with Feeding America because the need is still so great. Our members are providing nutritious protein, but also a comforting and iconic American food for families."

"Feeding America is grateful for the North American Meat Institute for their commitment to fighting hunger," said Blake Thompson, chief supply chain officer, Feeding America. "During this challenging time, when food banks are seeing demand rise by as much as 70%, support from our partners is critical. The meat industry donations will help many families who struggle to make ends meet."

Traditionally, National Hot Dog Day activities celebrate the cultural, social and nutritional value of America's summer favorite, the hot dog. For more than 40 years, the North American Meat Institute (Meat Institute) has celebrated National Hot Dog Day on Capitol Hill in Washington, D.C., serving up hot dogs to lawmakers and their staff in one of the most anticipated events of the year.

This year the economic uncertainty due to COVID-19 has changed this annual celebration into an opportunity for the meat and poultry industry to help millions of Americans turning to food banks, many for the first time, to feed their families.

The North American Meat Institute is the leading voice for the meat and poultry industry. The Meat Institute's members process the vast majority of U.S. beef, pork, lamb, and poultry, as well as manufacture the equipment and ingredients needed to produce the safest and highest quality meat and poultry products.

Established in 1994 by the American Meat Institute, the National Hot Dog and Sausage Council serves as an information resource to consumers and media on questions related to quality, safety, nutrition and preparation of hot dogs and sausages. The Council also celebrates hot dogs and sausages as iconic American foods.

Feeding America® is the largest hunger-relief organization in the United States. Through a network of 200 food banks and 60,000 food pantries and meal programs, they provide meals to more than 40 million people each year. Feeding America also supports programs that prevent food waste and improve food security among the people they serve; educates the public about the problem of hunger; and advocates for legislation that protects people from going hungry.



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KDA gives update on vesicular stomatitis virus outbreak in Kansas

The Kansas Department of Agriculture has now identified positive cases of vesicular stomatitis virus (VSV) in 20 counties in Kansas. KDA's Division of Animal Health continues to respond to the outbreak that began in south central Kansas in mid-June and has now expanded its reach to the north and east. Nearly 90 premises have tested positive for VSV in Allen, Bourbon, Butler, Chase, Cherokee, Coffey, Cowley, Elk, Greenwood, Labette, Lyon, Marion, Miami, Montgomery, Morris, Neosho, Sedgwick, Sumner, Wilson and Woodson counties. In addition, KDA is awaiting laboratory results from symptomatic animals in other counties as the outbreak continues to spread.

All premises with confirmed cases of VSV in horses and cattle have been quarantined; in addition, any premises with animals showing clinical signs consistent with VSV are placed on quarantine. More than 90 premises are currently under quarantine. A quarantine for VSV lasts for at least 14 days from the onset of symptoms in the last animal on the premises. Quarantines are not lifted until a veterinarian has examined all susceptible animals on the premises. Over 90 premises have been released from quarantine.

"The VSV outbreak is still spreading, and all owners of horses, cattle, and other livestock must continue to take action to protect their animals," said Dr. Justin Smith, An-

imal Health Commissioner. "You can help slow the spread of this virus by taking aggressive steps to limit exposure to insects that are the primary source of infection and by keeping your animals separate from other animals which may be infected. Meanwhile, you should monitor for symptoms of VSV, and call your veterinarian if you see anything of concern."

What is VSV?

VSV is a viral disease which primarily affects horses, but can also affect cattle, sheep, goats, swine, llamas and alpacas. At this time, the vast majority of confirmed cases of VSV in Kansas have been horses, although some cattle have also been diagnosed. KDA has advised the beef industry to be vigilant in monitoring their cattle for symptoms.

In horses, VSV is typically characterized by lesions which appear as

crusting scabs on the muzzle, lips, ears, coronary bands, or ventral abdomen. Other clinical signs of the disease include fever and the formation of blister-like lesions in the mouth and on the dental pad, tongue, lips, nostrils, ears, hooves and teats. Infected animals may refuse to eat and drink, which can lead to weight loss. Vesicular stomatitis can be painful for infected animals and costly to their owners. Although it is rare, humans can also become infected with the disease when handling affected animals and can develop flu-like symptoms. VSV is considered a reportable disease in Kansas. If you observe clinical signs among your animals, contact your veterinarian right away.

Disease prevention:

The primary way the virus is transmitted is from biting insects like black flies, sand flies and

midges. Owners should institute robust measures to reduce flies and other insects where animals are housed. VSV can also be spread by nose-to-nose contact between animals. The virus itself usually runs its course in five to seven days, and it can take up to an additional seven days for the infected animal to recover from the symptoms. There are no approved vaccines for VSV.

KDA has developed guidelines to assist organizations which are hosting shows and fairs across the state, and have worked with many of them to consider how they can protect the health and safety of animals attending their events.

VSV in the U.S.:

VSV has also been confirmed in Arizona, Missouri, Nebraska, New Mexico, Oklahoma and Texas.

Because of the confirmed cases in Kansas, other states and Canada are likely to increase restrictions on livestock imports. Animal health officials strongly encourage all livestock owners and veterinarians to call the animal health authority in the destination location for the most current import requirements prior to travel.

More information:

Information about VSV can be found by contacting the KDA Division of Animal Health at 785-564-6601 or on the KDA website at www.agriculture.ks.gov/VSV, with info about:

- Documents describing symptoms of VSV
- Recommendations for fly control practices
- Guidelines for shows and fairs
- Informational webinars about VSV
- Current state and national situation reports



BNWZ Saras Dream 9219 won reserve grand champion owned female at the 2020 Kansas Junior Angus Association Preview Show, June 6-7 in Hutchinson. Nicholas Siemens, Towanda, owns the May 2019 daughter of PVF Insight 0129. She first won intermediate champion. Ryan Sweeney, Stillwater, Okla., evaluated the 96 entries.



CES Casino 901 won grand champion steer at the 2020 Kansas Junior Angus Association Preview Show. Avery Mullen, Ulysses, owns the February 2019 son of KR Casino 6243.



Bar S Pride 9900 won reserve grand champion bred-and-owned female at the 2020 Kansas Junior Angus Association Preview Show. Jayce Dickerson, Paradise, owns the September 2019 daughter of Silveiras Style 9303. She first claimed fall calf champion.



Lilly Hinkson, Cottonwood Falls, won reserve champion Angus-based steer at the 2020 Kansas Junior Angus Association Preview Show, June 6-7 in Hutchinson.



Bar S Style 9256 won reserve grand champion steer at the 2020 Kansas Junior Angus Association Preview Show. Mileah Backhus, Russell, owns the February 2019 son of Silveiras Style 9303. Ryan Sweeney, Stillwater, Okla., evaluated the 96 entries.



Harper Ray, Hutchinson, won champion Angus-based steer at the 2020 Kansas Junior Angus Association Preview Show, June 6-7 in Hutchinson.

Photos by Jeff Mafi, American Angus Association

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K-State's Risk and Profit Conference to be offered completely online Aug. 10-14

Agricultural producers in Kansas and other states this year can participate in Kansas State University's Risk and Profit Conference from wherever they are as the university takes the entire conference online. The conference is set for Aug. 10-14.

From producers to processors to consumers, the

new coronavirus has affected every aspect of life, so this year's conference will focus on the economics of agriculture during the COVID-19 pandemic.

Different sessions are scheduled for each day, including the popular livestock and grain market outlooks. Sessions run from noon to 1:30 p.m. each

day except Thursday, when an expanded schedule runs from 10:30 a.m. to 2 p.m. That day also features an open chat at lunchtime with Extension specialists.

A complete schedule and registration is available online. Questions can be directed to Rich Llewellyn at rvl@ksu.edu.

China steps up U.S. soybean purchases

Chinese purchases of U.S. soybeans continue to ramp up despite uncertainties surrounding the country's ability to fulfill its commitment as outlined in the Phase One agreement. For eight consecutive business days, USDA announced additional export sales to China and other locations.

John Baize, an analyst for the U.S. Soybean Export Council (USSEC), told Agri-Pulse that as Chinese buyers rush to fill deliveries that crushers will need over the next few months, U.S. soybeans in the Pacific Northwest are \$6 cheaper than Brazil's, which gives the U.S. a competitive edge.

USDA also reported export sales of 211,300 metric tons of soybeans for delivery to unknown destinations during the 2020/2021 marketing year. Baize told Agri-Pulse these are likely headed to Europe.

High-protein distillers dried grains with solubles provide high quality pig nutrition

With more ethanol in production and a greater ability to upcycle co-products into animal feed ingredients, companies are creating custom products and partnering with University of Illinois researchers to test for quality and digestibility.

In a recent study published in the *Journal of Animal Science*, Illinois researchers show a new high-protein distillers dried grains with solubles (DDGS) product from Marquis Energy has greater energy and protein digest-

ibility than conventional DDGS.

"We've never seen a corn co-product with such a high energy concentration or amino acid digestibility," says Hans H. Stein, professor in the Department of Animal Sciences at Illinois and co-author on the study. "It's clearly a high-value product."

The product, branded ProCap DDGS, contains 48% crude protein, far higher than conventional de-oiled DDGS, which the research team evaluated

at 31% in a nutrient analysis of each ingredient. ProCap DDGS also provided approximately 1,200 kcal per kilogram of metabolizable energy more than conventional DDGS, according to the analysis.

The study consisted of three experiments. In the first, the researchers evaluated the apparent and standardized ileal digestibility of crude protein and amino acids in three diets: ProCap DDGS, conventional de-oiled DDGS (also from Marquis Energy), and a nitrogen-free

diet used to determine endogenous losses of amino acids and crude protein. Vitamins and minerals were added to each diet to meet or exceed dietary requirements. The researchers fed each diet to nine growing pigs for six days at three times the maintenance energy requirement.

On the fifth and sixth days, researchers collected ileal digesta and analyzed dry matter, crude protein, and amino acids. As suggested by their nutrient analysis of the raw products, the researchers found the ProCap DDGS contained more crude protein and amino acids than de-oiled DDGS, and the standardized ileal digestibility of nearly all amino acids was greater in ProCap DDGS.

The second experiment focused on energy digestibility. In this case, the researchers evaluated three diets: corn + ProCap DDGS, and corn + de-oiled DDGS. Again, all diets were supplemented with vitamins and minerals as needed. The team fed each diet to 24 grow-

ing barrows for 13 days at 3.2 times the maintenance energy requirement. Researchers calculated digestible energy and metabolizable energy values for all diets by collecting feces and urine over a four-day period during the experiment.

"If you look at the energy, which is of very high value for producers, and you compare with corn, we had much greater energy concentration in the ProCap DDGS, whereas conventional DDGS was lower than corn," Stein says.

The third experiment evaluated phosphorous digestibility. Researchers fed 32 barrows ProCap DDGS and de-oiled DDGS with or without microbial phytase. The pigs consumed these diets, along with supplemental vitamins and minerals (except phosphorous and calcium), for 13 days. Researchers collected feces from day six to day 12, and found that phytase + ProCap DDGS increased the digestibility of phosphorous. However, without phytase, phosphorous digestibility of ProCap DDGS was lower than de-oiled DDGS.

The three experiments

confirm ProCap DDGS has greater amino acid digestibility and contains more metabolizable energy than de-oiled DDGS, but has reduced phosphorous digestibility.

"The ethanol industry is clearly moving toward trying to separate the different streams that come out after fermentation so they can identify high-value, high-quality products. I think we'll see even more innovation and new feed ingredients in the future thanks to more advanced technologies in ethanol plants," Stein says.

The article, "A new source of high-protein distillers dried grains with solubles (DDGS) has greater digestibility of amino acids and energy, but less digestibility of phosphorous, than de-oiled DDGS when fed to growing pigs," is published in the *Journal of Animal Science* [DOI: 10.1093/jas/skaa200]. Authors include Minoy Cristobal, Jessica Acosta, Su A Lee, and Hans H. Stein. The research was supported by Marquis Energy. The Department of Animal Sciences is in the College of Agricultural, Consumer and Environmental Sciences at the University of Illinois.

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30 blk hrs weaned	600-800 lbs.	Munson Farms
80 blk x str & hrs off cow	500-700 lbs.	R Leonhard
22 mix str & hrs weaned	400-700 lbs.	Alva Hartman
20 blk str & hrs weaned	500-600 lbs.	Larry Kramer
65 blk str & hrs off cow	600-750 lbs.	Kurt Zerbe
28 blk x str & hrs off cow	600-800 lbs.	John Moyer
38 ChXAng str & hrs weaned	600-750 lbs.	R & L Anderson
18 AngX str weaned	600-800 lbs.	D. Schradler
40 Ang X str & hrs weaned	500-750 lbs.	F & N Altwegg
53 mix str & hrs weaned	600-675 lbs.	Brad Thurston
70 blk X str & hrs weaned	600-800 lbs.	R & J Roesser
100 blk X str & hrs off cow	600-800 lbs.	J & W Florence
30 blk x str & hrs off cow	550-700 lbs.	Beaver Brothers
30 blk str weaned	750-900 lbs.	B & S Stuewe
45 blk x str off grass	850-900 lbs.	Phillip Goodyear
60 blk x str weaned	875-925 lbs.	G. Schwartz
29 AngX str & hrs off cow	550-700 lbs.	Buchman Ranch
40 blk X str & hrs weaned	650-800 lbs.	Ryan Gibbs
40 blk str & hrs weaned	600-750 lbs.	J & T Leonhard
8 blk x str weaned	700-750 lbs.	Ron McNamara

CONSIGNMENTS FOR AUGUST 5:

205 blkX hrs weaned	600-700 lbs.	Bill Edwards
18 mix hrs weaned	675-725 lbs.	Dennis Lilly
60 blk hrs weaned	800-850 lbs.	Anderson Ranch
40 blk str off cow	500-700 lbs.	Fayman Trust
200 blk x str off grass	800-950 lbs.	PENDING

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.

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from July 21, 2020

STEERS	10	706	128.00
6	568	159.00	7
2	615	151.00	13
2	688	150.00	2
13	701	141.25	8
5	773	137.50	
5	810	134.50	
			TOP BUTCHER COW: \$65.00 @ 1,320 LBS.
			HEIFERS
1	615	132.00	
5	614	130.00	
			TOP BUTCHER BULL: \$90.50 @ 1,850 LBS.

NEXT SALE JULY 28:

Check our Facebook page for latest consignments.

NEXT SHEEP & GOAT SALE

SATURDAY, AUGUST 1ST

9:00 A.M. - HAY & EQUIPMENT

11:00 A.M. - SHEEP & GOATS



JUNCTION CITY, KANSAS • Barn Phone 785-238-1471

Seth Lauer 785-949-2285, Abilene

Clay Center, Ks • Barn Phone 785-632-5566

Clay Center Field Representatives:

Tom Koch, 785-243-5124

Lance Lagasse, 785-262-1185

KARL LANGVARDT
Cell: 785-499-2945

MITCH LANGVARDT
Cell: 785-761-5814

LYNN LANGVARDT
Cell: 785-761-5813



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

For Cattle Appraisals Call:

BRODY PEAK, 620-343-5107 GLENN UNRUH, 620-341-0607

LYLE WILLIAMS, Field Representative, 785-229-5457

WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.

To see more consignments go to: emporialivestock.com

Kansas-Oklahoma Arkansas River Commission to hold online meeting Aug. 4

The 56th annual meeting of the Kansas-Oklahoma Arkansas River Commission will be held using internet meeting services on Tuesday, August 4, at 9:00 a.m. Anyone interested in water-related activities within the Arkansas River Basin in Kansas and Oklahoma is encouraged

to participate in the meeting.

How to participate: If you wish to interact with the Commission during the meeting, you can join the online meeting via a link provided at www.agriculture.ks.gov/KOARC. The meeting will also be livestreamed and will re-

main available online for later viewing. Participants who do not plan to interact with the Commission are encouraged to watch the livestream.

Kansas and Oklahoma entered the Arkansas River Compact in 1965. The purpose of the compact is to promote interstate co-

munity, to equitably divide and promote the orderly development of the waters of the Lower Arkansas River Basin, to provide an agency for administering the waters of the basin, and to encourage an active pollution abatement program in each state. The Commission is composed

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

Additional information about the Kansas-Oklahoma Arkansas River

Compact and the annual meeting can be found on the KDA website at www.agriculture.ks.gov/KOARC. Questions can be addressed to Lizzie Hickman at the Kansas Department of Agriculture-Division of Water Resources, at Elizabeth.Hickman@ks.gov or 785-564-6679.

Sens. Moran, Klobuchar introduce bill to expand markets for small meatpackers

U.S. senators Jerry Moran (R-Ks.) and Amy Klobuchar (D-Minn.) recently introduced the Requiring Assistance to Meat Processors for Upgrading Plants (RAMP-UP) Act. This legislation would provide grants to meat processors to make improvements necessary to become federally inspected.

Currently meatpacking facilities can only make sales across state lines if they are federally inspected. Facilities that are state-inspected can only sell their products within the state they are located, and custom-exempt processors can only process livestock for the exclusive use of the livestock owner. This legislation would provide grants to meatpacking plants for planning activities, facility upgrades and other necessary improvements to meet the standards necessary for federal inspections, increasing their market opportunities and encouraging

interstate commerce.

"The importance of meatpacking facilities in Kansas has been especially clear during this pandemic as they work to meet a growing nationwide demand for quality meat," said Moran. "The RAMP-UP Act provides small packers with the tools they need to meet federal standards in order to expand their customer base. By increasing small packer capacity and production, this legislation will strengthen the food supply chain for consumers and give cattle producers in Kansas more options to market their livestock."

"Our rural economies have been hit hard by the coronavirus pandemic," said Klobuchar. "This legislation is a critical step in helping our small, local meat processors access new markets and reach a wider customer base by selling their products in different states. It will

also provide consumers with more choices and farmers with more flexibility when marketing their livestock. Especially in this time of crisis, we must work to support a strong and competitive agricultural supply chain for both producers and consumers."

Moran recently introduced the Small Packer Over-time and Holiday Fee Relief COVID-19 Act that would support small, federally-inspected meatpacking plants that are operating longer hours during the COVID-19 pandemic to keep our supply chain moving.

House Agriculture Committee chairman Collin Peterson (D-Minn.) and Rep. Frank Lucas (R-Okla.) introduced companion legislation in the U.S. House of Representatives.

This bill is cosponsored by senators Tina Smith (D-Minn.) and James Lankford (R-Okla.)

Lessen heat stress when working cattle

By Glenn Selk, Oklahoma State University Emeritus Extension animal scientist

Here they come – those four little words that many cattle producers despise in the summer time: "High Pressure Heat Dome." Understanding and avoiding heat stress in cattle can be a valuable management tool for summertime.

Cattle have an upper critical temperature approximately 20 degrees cooler than humans. When humans are a little uncomfortable at 80 degrees and feel hot at 90 degrees, cattle may well be in the danger zone for extreme heat stress. Humidity is an additional stressor that intensifies the heat by making body heat dissipation more difficult. Knowledge of daily body temperature

fluctuations and the impact of handling cattle on body temperature can be valuable at this time of year.

Oklahoma State University research with rumen temperature boluses has shown that the core body temperature of beef cows peaks at two to five hours after the highest daytime temperature (Pye, Boehmer, and Wettmann. 2011 ASAS Midwest Abstracts Page 104; Abstract 285). On a hot spring/summer day the highest daytime temperature is often late afternoon. Therefore the peak body temperature of cattle will occur at 6 p.m. to 11 p.m.. In this study, average 4 p.m. ambient temperature was 93 degrees F., core body temperature was 102.2 F. At 7 p.m. the

ambient temperature had dropped to 88.7 degrees, but core body temperature increased to 103 F. Elevated core body temperatures have been implicated from other research in reduced pregnancy rates in heat-stressed cattle.

Research data has been reported by Dr. Mader at the University of Nebraska research station near Concord, Nebraska. He found that moving yearling cattle just a small distance (2000 feet) during mild summer temperatures (80 degrees F.) could change the core body temperature by as much as 1.4 degrees F. This indicates that body temperatures of excited, stressed cattle being worked in hotter temperatures could rise to dangerous levels.

Increases in core body temperatures have been shown to reduce conception rates at the time of artificial insemination and reduced embryo survival and viability for at least 14 days following breeding. If cattle working procedures are still necessary for breeding or for health purposes, during the heat of summer, following a few common sense guidelines may lessen the impact of heat:

During hot weather, cattle should be worked before 8:00 a.m., if possible. Certainly all cattle working must be complete by about 10:00 a.m. While it may seem to make sense to work cattle after sun down, they may need at least six hours of night cooling before enough

heat is dissipated to cool down from an extremely hot day.

Cattle that must be handled during hot weather should spend less than 30 minutes in the working facility. Drylot pens and corrals loaded with cattle will have very little if any air movement. Cattle will gain heat constantly while they are in these areas. Therefore a time limit of one-half hour in the confined cattle working area should limit the heat gain

and therefore the heat stress.

Make every effort to see that cool, fresh, water is available to cattle in close confined areas for any length of time. During hot weather conditions cattle will drink more than 1% of their body weight per hour. Producers need to be certain that the water supply lines are capable of keeping up with demand, if working cattle during hot weather.

Pinkeye can be costly for cattle producers

By Ellen Crawford, NDSU Extension Service

Pinkeye, or keratoconjunctivitis, is an infectious disease of cattle that costs producers money in several ways.

"These include increased labor, cost of antibiotics, decreased weaning weights and decreased price paid at market for animals with scarred eyes," says Gerald Stokka, North Dakota State University Extension veterinarian and livestock stewardship specialist.

One study shows that calves affected with pinkeye weighed 35 pounds less 260 days after they were weaned than noninfected calves in the same herd. Calves that were affected in both eyes weighed 47 pounds less.

"The bacteria *Moraxella bovis* is one of the primary known agents found in cases of pinkeye," says Neil Dyer, NDSU's institutional attending veterinarian. "However, other bacterial agents such as *Moraxella ovis* and *Moraxella bovoculi* have also been isolated from cases of pinkeye. Younger cattle are usually most often affected."

Herds in which adult cattle develop clinical signs suggest that the herds have not been exposed previously and do not have immunity to pinkeye, Stokka says. The spread of the organism can occur when cattle bunch tightly together, such as during high heat and humidity and when fly pressure is present.

Other risk factors contribute significantly to outbreaks of pinkeye. They include ultraviolet light, environmental factors (dust, wind, tall grass, weeds, pollen), co-infections with bacteria and viruses, close confinement of animals and animals without pigment around their eyes. Nutrition also may play a role because inadequate vitamin A levels have been shown to contribute to the disease.

"Affected animals present with teary eyes, inflamed conjunctiva (reddened white-appearing area around the iris), squinting and aversion to bright light, ulcerated cornea and excessive tearing from the eyes affected," says Brett Webb, director of the NDSU Veterinary Diagnostic Laboratory.

"The disease usually lasts for several weeks, but it may last a month or longer."

Healing leaves a scar on the cornea, which eventually may clear. Severe cases with ulcerated corneas, or corneas with holes in them, may result in partial or total blindness of the affected eye.

"Commercial vaccines provide protection against only a few pathogenic strains; therefore, they will not be 100% effective against disease," Stokka says. "Autogenous vaccines can be made against these bacteria if isolated, but consulting with your veterinarian is advised when considering the efficacy and administration

of such vaccines. Fly control, pasture rotation and proper mineral supplementation also must be considered when managing outbreaks of pinkeye."

Individual antibiotic treatment of bacterial pinkeye usually is successful, he adds. Longer-acting antibiotics commonly are used systemically to achieve antibiotic concentrations in the tear film. In severe herd outbreaks, the entire herd may need antibiotic therapy, but all risk factors must be addressed to curtail new cases.

"Consult with your veterinarian regarding antibiotic therapy, vaccination and management of this disease," Stokka advises.

Eureka Livestock Sale

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

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

Like Us On Facebook!

On Thursday July 23, we had 1,006 head of cattle on an active market.

STEERS	7 blk	733@140.75	25 blkbwf	559@139.50	
3 blk	605@151.00	19 blkbwf	828@139.50	65 blkbwf	661@139.00
5 blk	430@150.00	51 blkbwf	835@137.60	13 rbf	590@137.50
7 bkChr	596@148.00	5 Char	816@135.00	68 blkbwf	763@134.00
8 blkbwf	679@146.85	10 blk	891@131.00	14 bkRd	577@133.00
10 mix	546@146.00	31 mix	858@130.00	63 mix	737@130.90
6 blkbwf	692@145.00	28 blkbwf	945@128.25	10 bkChr	725@128.00
7 bkChr	670@144.50	30 mix	874@128.00	7 blkbwf	674@126.50
8 bkChr	644@143.00	HEIFERS	15 blk	868@119.25	
25 blkbwf	743@142.00	51 blkbwf	599@146.00	4 blkbwf	974@109.00

Butcher Cows: \$35-\$76, mostly \$60-\$70, very active.
Butcher Bulls: \$55-\$106, mostly \$92-\$98, very active.

BUTCHER COWS	5 blk	1266@69.50	
6 blk 3 yr & open	973@85.00	9 blk	1267@68.00
13 blkbwf 3 yr/open	1068@80.00	BUTCHER BULLS	
1 blk	1125@76.00	1 Char	1980@106.00
1 blk	1245@75.00	1 blk	2155@102.00
1 rbf	1405@75.00	1 blk	1620@96.50
4 blk	1110@74.50	1 blk	1510@96.00
2 blk	1320@74.00	1 blk	1735@93.50
1 Red	1770@74.00	1 Char	1815@93.50
2 blk	1613@71.00	1 blk	1985@93.50
4 blk	1385@70.00	1 blk	2015@93.00

EARLY CONSIGNMENTS FOR JULY 30

- 73 mix str & hfrs, 700-850 lbs.
- 65 blk str & hfrs, 500-750 lbs.
- 33 blk Red str & hfrs, 450-650 lbs.

EARLY CONSIGNMENTS FOR AUG. 5

- 240 mostly blk str & hfrs, 600-850 lbs, H.R., weaned in April, off the grass.
- 125 mostly blk str & hfrs, 500-800 lbs, H.R., off the cow & vac.

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



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

www.centrallivestockks.com

Office: 620-662-3371
or Matt Hoffman (Owner): 620-727-0913

Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 10:00 a.m.
Hog/Sheep/Goat Auction- Every 3rd Saturday
Horse/Tack Auction- Every 1st Saturday

Fri., July 31st - Draft Horse & Mule Sale
Sat., Aug. 1st - Horse & Tack Sale
Tues., Aug. 11th - Calf/Yearling Special
Sat., Aug. 15th - Hog/Sheep/Goat Sale

Check website/ Facebook for schedule changes!

EL DORADO

LIVESTOCK AUCTION, INC.

316-320-3212

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

Market Report - Sale Date 7-23-20. 1,415 Head.
300-400 lb. steers, \$134-\$146; heifers, \$139-\$145; 400-500 lb. steers, \$116-\$167; heifers, \$119-\$147; 500-600 lb. steers, \$139-\$168.50; heifers, \$111-\$142; 600-700 lb. steers, \$119-\$161.50; heifers, \$108-\$145; 700-800 lb. steers, \$117-\$148; heifers, \$105-\$137; 800-900 lb. steers, \$121-\$143.50; heifers, \$113-\$135.50; 900-1,000 lb. steers, \$101-\$132.90. **Trend on Calves:** Steady to \$5 higher on good weaned calves. **Trend on Feeder Cattle:** Mostly \$3-\$4 higher. **Butcher Cows:** high dressing cows \$63.50-\$71; Avg. dressing cows \$50.50-\$60; low dressing cows \$30-\$45.50. **Butcher Bulls:** Avg. to high dressing bulls \$85-\$92.50. **Trend on Cows & Bulls:** Fully steady with good demand.

Some highlights include:

HEIFERS	STEERS
6 mix 466@147.00	11 red 544@158.50
19 mix 564@142.00	8 mix 559@167.00
15 blk 602@145.00	17 blk 599@160.00
18 mix 637@140.00	14 mix 617@158.50
24 mix 684@137.50	44 mix 652@151.00
70 mix 715@137.00	74 blk 667@158.00
65 mix 766@130.50	24 mix 742@145.50
55 blk 786@130.50	55 blk 749@146.90
66 blk 795@132.00	119 blk 822@143.50
23 mix 809@128.00	57 blk 948@132.90

THURSDAY, JULY 30, 2020 SALE
EXPECTING 1500-1750 HEAD

- 240 mix steers, 850-900lbs
- 2 loads mostly blk heifers, 800lbs
- 140 steers & heifers, half black, 600-800lbs
- 4 loads mixed heifers, 800lbs
- 450 steers & heifers, 725-750lbs
- 480 heifers, 700-750lbs
- 70-75 blk steers, HR, 700-850lbs
- 2 loads mostly blk steers, 800-900lbs

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

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

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

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

Cattle Sale Every Thursday 11:00 AM

Holton Livestock Exchange, Inc.

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

MARKET REPORT FOR TUESDAY, JULY 21, 2020
RECEIPTS: 616 CATTLE
FOR FULL RESULTS, VISIT OUR WEBSITE:
WWW.HOLTONLIVESTOCK.COM

STEERS	HEIFERS
1 blk str 205@235.00	1 grwf hfr 190@190.00
3 blk str 421@170.50	1 blk hfr 270@157.50
5 blk bwf str 470@161.50	2 blk bwf hfrs 392@150.00
3 blk str 530@160.50	6 blk hfrs 605@139.00
16 blk bwf red str 671@149.50	7 blk bwf hfrs 620@138.50
67 blk bwf str 744@148.50	6 blk rwf hfrs 545@136.00
99 blk bwf str 834@143.60	8 blk bwf hfrs 680@131.50
55 blk char str 844@140.10	7 blk bwf red hfrs 695@127.25
4 blk str 745@133.50	8 blk rwf hfrs 778@123.50
13 blk bwf red str 835@136.50	6 blk red hfrs 775@120.50

DELMER (CORKY) & THE LATE RUTH KLAHR FARM AUCTION
Saturday, August 1, Netawaka, KS. See full ad in last week's G&G

HERMAN & JEAN RENEY FARM AUCTION
Saturday, August 15, Sabetha, KS • holtonlivestock.com

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

View our auctions live at "Imauctions.com"

K-State ag economist charts risk, benefit of hedging sale of live cattle

A Kansas State University agricultural economist has completed an exhaustive study on hedging cattle prices, which he says could help producers manage their economic risks – perhaps especially so in times of crisis.

Brian Coffey looked at the average price of steers and heifers sold in Kansas between 2010 and June 2020 to determine if hedging – a strategy to lock in prices using futures markets – is a reliable strategy for selling live cattle.

“One thing that came out of this will be surprising to a lot of people,” Coffey said. “If we look just at the average price that live

cattle would have been sold for from 2010 to 2020, the hedged prices are lower, but they are only 48 cents per hundredweight lower than unhedged sales, on average. In other words, the risk-management benefits of hedging come at a fairly lower cost per hundredweight, on average.

“A lot of times, people have in mind that to get the risk-management benefit of hedging, you take a pretty big hit on expected average returns. But over the long term, we’re just not seeing that.”

Hedging helps to protect against adverse price changes in the markets by

allowing a producer who is feeding cattle to establish an approximate selling price now and be protected if prices decline by the time they market those animals later.

“In given weeks or months, you can definitely give up potential gains in some of those extreme times when cash prices rally unexpectedly,” Coffey said. “But you also avoid extreme losses in weeks or months when cash prices decline unexpectedly.”

Coffey notes that more detailed information on hedging is available at AgManager.info, a website managed by the K-State

Department of Agricultural Economics.

In his study, Coffey assumed a feeding period of 160 days while comparing what a producer might have earned on live cattle sales had they hedged those sales instead.

“Basically what I assumed was that a producer would hedge cattle immediately upon placement, then immediately lift the hedge when those live cattle are priced or sold,” he said. “It’s a very disciplined and systematic hedging routine.”

While he found a slight average-price decrease when hedging during normal times, Coffey said

hedging can provide huge benefits when disaster hits the industry – such as has happened twice in the past year.

In Fall 2019, a fire destroyed a packing plant owned by Tyson Fresh Meats in Holcomb, Kansas, which had a daily capacity of 6,000 head – or about 6% of the United States’ slaughter capacity.

Coffey compared live cattle prices for 23 weeks, between July and October 2019 to see what impact hedging would have had on producers’ profits.

“What I saw was the hedged price, on average, was about \$10 per hundredweight higher,” he said. “If someone was marketing fed cattle week after

week through that same time period, having those cattle hedged was worth an extra \$10 per hundredweight higher.”

Put another way, the average weekly value of gain for hedged cattle was \$123 higher per head than for unhedged cattle.

More recently, Coffey also looked at the impact of the COVID-19 pandemic, comparing prices between February 2020 and the end of June. Again, hedging proved to be a successful strategy during crisis.

“The hedged value of gain averaged about \$221 per head higher,” Coffey said.

“The take-home lesson from both of those instances,” he said, “is that hedging can protect from scenarios that can, frankly, end a business. Hedging protects against catastrophic losses.”

Coffey’s full report, titled Hedging Kansas Live Cattle: A Summary of Outcomes Over the Past Ten Years, is available online at Agmanager.info.

Grass & Grain Weather Report July 29, 2020

Seven Day Forecast

WEDNESDAY
Isolated T-storms
High: 82 Low: 67

THURSDAY
Mostly Sunny
High: 81 Low: 66

FRIDAY
Few Showers
High: 86 Low: 71

SATURDAY
Few Showers
High: 87 Low: 72

SUNDAY
Mostly Cloudy
High: 86 Low: 71

MONDAY
Mostly Cloudy
High: 87 Low: 72

TUESDAY
Mostly Cloudy
High: 85 Low: 70

In-Depth Local Forecast

Today we will see mostly cloudy skies with a 30% chance of showers and thunderstorms, high temperature of 82°, humidity of 73%. Light winds. The record high temperature for today is 107° set in 2012.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
7/17	94/77	92/67	0.00"
7/18	97/79	92/67	0.00"
7/19	89/73	92/67	0.00"
7/20	85/69	92/67	0.81"
7/21	86/70	92/67	0.44"
7/22	89/68	92/67	0.00"
7/23	92/75	92/67	0.00"

Rainfall 1.25"
Normal rainfall 0.78"
Departure +0.47"
Average temp 81.6°
Average normal 79.5°
Departure +2.1°

Today's Local Outlook

Washington 85/71	Blue Rapids 81/67	Seneca 80/67
Clay Center 83/67	Mahattan 82/67	Wamego 82/67
Ogden 83/67	Junction City 83/68	Council Grove 82/68
Abilene 85/68		

This Week's Sun & Moon Chart

Day	Sunrise	Sunset	Moonrise	Moonset	Phase
Wednesday 8/3	6:25 a.m.	8:40 p.m.	4:30 p.m.	1:48 a.m.	New 8/18
Thursday	6:25 a.m.	8:39 p.m.	5:38 p.m.	2:29 a.m.	
Friday	6:26 a.m.	8:38 p.m.	6:40 p.m.	3:16 a.m.	
Saturday	6:27 a.m.	8:37 p.m.	7:36 p.m.	4:10 a.m.	
Sunday	6:28 a.m.	8:36 p.m.	8:24 p.m.	5:10 a.m.	First 8/25
Monday	6:29 a.m.	8:35 p.m.	9:04 p.m.	6:12 a.m.	
Tuesday	6:30 a.m.	8:34 p.m.	9:38 p.m.	7:16 a.m.	

Local UV Index	Weather History	Growing Degree Days																				
0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure	July 29, 1905 - Heavy rain in southwestern Connecticut caused a dam to break, and the resulting flood caused a quarter of a million dollars in damage at Bridgeport. As much as 11 inches of rain fell prior to the flood.	<table border="1"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr><td>7/17</td><td>35</td><td>7/21</td><td>28</td></tr> <tr><td>7/18</td><td>38</td><td>7/22</td><td>28</td></tr> <tr><td>7/19</td><td>31</td><td>7/23</td><td>33</td></tr> <tr><td>7/20</td><td>27</td><td></td><td></td></tr> </tbody> </table>	Date	Degree Days	Date	Degree Days	7/17	35	7/21	28	7/18	38	7/22	28	7/19	31	7/23	33	7/20	27		
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7/17	35	7/21	28																			
7/18	38	7/22	28																			
7/19	31	7/23	33																			
7/20	27																					

Place your Classified Ad ONLINE today at:

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grassandgrain.com

ESTATE AUCTION

SATURDAY, AUGUST 1, 2020 — 9:30 AM
2243 190th Road — WATHENA, KANSAS

TRACTORS: 1954 Farmall 400 tractor w/loader, NFE, PS, fenders, 80% rubber; 1947 Ford 2N tractor, 3 pt. like new tires, good paint; Ford Golden Jubilee tractor, (not running); Allis Chalmers B tractor, like new tires, good paint, (not running); Massey Harris 44 tractor, like new tires, good paint, (not running). *Mr. Smith did mechanical work for many years and the above tractors that are not running need batteries & some repairs.* **EQUIPMENT:** King Kutter 5' rotary mower, 3pt.; 3pt. 1-row lister; 3pt. single gang disk; 3pt. 2-btm plow; AC sickle bar mower; 3pt. boom pole; AC 1-btm plow. **VEHICLES:** 1997 Ford F350 XL pickup, Ranch Edition, crew cab, 7.5 V8 eng, 5-spd trans., 231105 mi, running; 2004 Dodge Stratus SE, 2.7 eng, 4-dr, 93,543 mi, running; 2000 Pontiac Grand AM SE, 2.4 eng, 4-dr, 138,308 mi, running. **SHOP EQUIP.:** Graymills DM132 parts washer; acetylene torch set; Lincoln AC-225 arc welder; K-C metal lathe; Craftsman 12" 1hp wood lathe; Terratek 10" table saw; Mighty Mite 1000 wt battery charger; Campbell Hausfeld 3hp air compressor w/60 gal. vertical tank; cherry picker; Lake-wood 42" shop fan; motor stand; KTF 16-spd drill press; pedestal grinder; B&D 12" band saw; 9" hand grinder; Delta miter saw; Craftsman router w/table; port. air compressor; port. concrete trowel; 2 concrete mixers w/elec. motors; CSPS rolling tool box w/ steel glides; 2 Craftsman rolling tool boxes; pipe vise; jack stands; lg. bolt cutters; asst. power tools; very lg. asst. of good hand tools; gear pullers; C-clamps; bench vises; tire bead breaker; hyd. bottle jacks up to 20-ton; floor jacks; Fuller pipe wrenches. **COLLECTIBLES:** Large forge complete; forge tools; lg. anvil; Keen Kutter pipe wrench; IHC horse drawn 5' sickle bar mower, (complete in very good cond.); Royal Crown Cola wall thermometer; **Shop Manuals:** 1956 & 1957 Ford truck, 1947 Chevrolet truck, Chevrolet Dealer parts manual 1929-1959, etc.; **Tractor & Equipment Manuals:** Oliver 60 tractor, AC WD45, service manual; Chilton repair manuals; Blish-Mize catalog; kerosene lanterns; sm. kerosene lamps; building screw jack; garden push plow; Hamilton collector plates; Franklin Mint collector plates; War Pony collector plates; Danbury Mint collector plates; Jenny Lind full size bed; Victor radio (old); Oak dresser w/mirror; Country Western record albums; treadle sewing machine frame; Oak buffet w/mirror. **GUNS:** Mossberg Mdl 183D-C bolt action .410; Stevens single shot .410; Winchester Mdl 77 22 cal. LR; Gibraltar 16 ga. shotgun (needs stock); The guns have been removed from the property until day of auction. **HOUSEHOLD:** Oak dinette table w/6 pressed back chairs, 1-leaf; 5-drawer chest of drawers; 4-drawer chest of drawers; day bed; full size iron bed; wardrobes; sofa w/matching love seat & recliner; coffee table w/matching lamp table; entertainment center; curio cabinet, lighted; Pine bookcase; dropleaf table; desk; computer table; Sentinel gun safe; metal storage cabinet; 2 & 4 drawer file cabinets; Whirlpool washer & gas dryer (propane); wood chest type freezer 15 cu. ft.; Hot Point elec. range; Amana microwave; Kenmore refrigerator w/top freezer; Columbia cabinet recorder player; Kenmore sewing machine; Kirby vacuum; Hoover carpet shampooer; pots & pans; elec. appliances. **MISC.:** ATV ramps; car ramps; wood burning stove; log chains; lg. asst. lawn & garden tools; 6' wood step ladder; 8' alum. step ladder; 2 alum. ext. ladders; appliance dolly; 3pt. Top Links; lawn cart; **Other Items Too Numerous To Mention!**

OWNER: MARVIN L. SMITH ESTATE
Bradley S. Simpson, EXC.

For complete listing & photos go to www.kansasauctions.net/chew
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STARTING TIME

10:30 AM

Tuesdays

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After heavy rains, we had a shortened sale July 21 selling 1151 cattle. Steer & heifer calves were in good demand at higher prices. Feeder steers & heifers sold steady to \$5.00 higher. Cows & bulls were steady.

STEER & BULL CALVES		HEIFER CALVES	
6 x-bred str	498 @ 181.50	65 blk/char str	863 @ 137.85
2 x-bred str	398 @ 173.00	60 mix str	908 @ 137.10
29 blk str	510 @ 172.00	6 bwf str	828 @ 137.00
1 bwf str	475 @ 150.00	9 mix str	821 @ 136.75
11 wf bulls	410 @ 139.00	39 blk/red str	821 @ 135.75
		10 mix str	771 @ 135.50
		22 blk/red str	864 @ 134.75
		60 mix str	922 @ 131.75
		51 blk/char str	918 @ 130.00
		61 mix str	1008 @ 121.50

STOCKER & FEEDER STEERS		STOCKER & FEEDER HEIFERS	
16 blk str	616 @ 163.50	76 blk/bwf hfr	656 @ 144.25
6 x-bred str	590 @ 157.50		
23 bwf str	608 @ 154.50		
20 x-bred str	700 @ 152.75		
4 shrthr str	661 @ 148.50		
69 blk/bwf str	769 @ 145.00		
61 blk/red str	802 @ 143.10		
65 blk/bwf str	792 @ 140.50		
118 blk/bwf str	886 @ 138.00		

COWS		BRED COWS	
22 x-bred hfr	551 @ 141.00	1 blk cow	1195 @ 55.00
38 x-bred hfr	674 @ 138.25	1 blk cow	1060 @ 51.50
7 blk/bwf hfr	764 @ 133.50		
67 blk/bwf hfr	813 @ 132.75		
4 blk/bwf hfr	826 @ 126.00		
34 blk/bwf hfr	866 @ 125.00		

COWS		COW/CALF PAIRS	
3 blk cows	985 @ 71.00	1 bwf cow/cf	@ 1175.00
1 blk cow	1390 @ 65.50	1 red cow/cf	@ 1150.00
1 blk cow	1190 @ 65.00	2 blk/bwf cow/cvs	@ 1100.00
1 bwf cow	1220 @ 64.50	2 blk/bwf cows/cvs	@ 1085.00
1 blk cow	1525 @ 63.50		
1 blk cow	1535 @ 61.50		
1 red cow	895 @ 60.00		
1 char cow	1150 @ 59.00		
1 bwf cow	1470 @ 58.50		
1 blk cow	1380 @ 58.00		

CONSIGNMENTS FOR JULY 28:

- 390 blk Char steers, 850-900 lbs., off grass
- 250 blk Char steers, 800-900 lbs., off grass
- 40 black steers, 600-700 lbs., weaned, vacc. off brome
- 45 blk steers & heifers, 750-825 lbs., off grass
- 95 Angus steers, 750-800 lbs.
- 130 black heifers, 750-800 lbs., off grass
- 36 bwf steers, 725-750 lbs., off grass
- 60 blk Char steers, 850-875 lbs., off grass
- 60 blk Char steers, 900-925 lbs., off grass
- 61 blk crossbred steers, 950-975 lbs.

CONSIGNMENTS FOR AUGUST 4:

- 185 blk Char steers, 775-800 lbs., off grass
- 236 blk Char steers, 850-900 lbs., off grass
- 140 blk Char heifers, 725-750 lbs., off brome

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

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