



# Schwieterman Market Outlook

A marketing commentary by Bret Crotts

We had a very exciting week in the grain markets with new contract highs in the corn, wheat, and soybeans, and we even had a limit higher close in the corn. We have been moving higher in the grain markets for quite a while, but this week, USDA add some fuel to the fire by releasing some friendly supply and demand numbers.

To start with, U.S. corn ending stocks were cut to 1.552 billion bushels, even though USDA cut demand for feed, ethanol, and exports. The lower ending stocks came about because the yield estimate was cut by 3.8 bu/ac to 172. In addition to that, USDA made the surprise move of cutting beginning stocks by 79 million. The stocks to use ratio of 10.6% isn't quite as tight as it was when the

corn made all-time highs, but it is tight enough to make traders very nervous about how tight supplies could be if we lose too many corn acres to soybeans, or if we have a mediocre crop.

There is still a lot of work to be done when it comes to this year's exports and meeting the current demand estimates, but if we do, there is not much incentive for lower prices until traders are sure that we will have a big 2021 crop. For the moment we are using the \$5.71 level as the next major upside objective.

Wheat had an explosive week, but under slightly different circumstances. USDA did cut ending stocks to 836 million bushels, which keeps the trend of lower stocks esti-

mates intact. Wheat stocks are still plentiful and the wheat market is still generally dependent on corn and soybeans for support.

The big support for the wheat last week came from Russia, and talk that they would increase their export tax on wheat. If they do that we would be much more competitive on the world market and have a much greater chance of drawing down next year's stocks to a level that could get traders very excited. In the meantime, stocks levels are still about double what we need them to be in order to see a bull market like the corn and soybeans have the potential for.

USDA estimated soybean ending stocks to be at 140 million bushels, which was right at the

average trade guess. The March soybeans were able to move through the \$14.09 level, which is the 62% retracement of the move down from the all-time high to the 2019 low. Our next objective is the 2014 high of \$15.36 ¾.

To get the ending stocks down to 140 million, USDA cut the yield estimate by ½ bushel to the acre and also increased total demand by 21 million bushels. Exports were raised to a new record high of 2.230 billion bushels, which we have a very good chance of exceeding by the March supply and demand report. Export sales have been very active again and if we don't slow them down with higher prices, we will see lower ending stocks in future reports. Soybeans have far and away the most bullish outlook of the bunch, as long as the Chinese keep buying our soybeans.

The cattle had an interesting week. February live cattle struggled with lower cash cattle trade, the April contract continues to stall out at the \$119 area, the June contract made a new multi-month high, and the

all the contracts from August forward made new contract highs. The general consensus seems to be that the higher costs of gain will eventually be supportive to the live cattle market due to lower carcass weights.

Feeder cattle futures were similar, with the feeder index struggling with lower auction prices and the deferred futures are supported by the ideas that eventually the market will be supported by the higher costs of gain. The demand outlook is still good despite COVID-19 and if the economy does improve it will only get better.

Right now the April live cattle charts are set up for a run to the contract highs, as are the August feeder cattle.

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

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# MANHATTAN

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## CO. INC. EVERY FRIDAY

**1-800-834-1029** **STARTING 10:00 A.M. ON WEIGH COWS**

**Toll-Free** **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](http://www.grassandgrain.com) & logging onto the online subscription

Due to high winds and blowing snow, we had several cancelations for our sale held Friday, January 15th. The cattle that made it in were showing good interest at unevenly steady prices. Cull cows sold \$3-\$4 lower on the kind offered.

**STEER CALVES — 400-550 LBS.**

Andover	3 Red Ang	401@194.00
Rossville	5 bwf	482@181.00
Matfield Green	4 Red Ang	487@174.00
Olsburg	10 blk	516@171.00
Junction City	8 blk	522@169.00
Oskaloosa	16 Cross	548@162.00
Andover	6 Red Ang	536@160.50
Council Grove	4 Heref	495@148.00
Matfield Green	4 Red Ang	516@140.00

**STEERS — 550-925 LBS.**

Manhattan	6 Cross	569@156.00
McLouth	12 blk	615@152.50
Oskaloosa	3 blk	565@152.50
White City	9 blk	608@149.00
Oskaloosa	9 Cross	645@145.50
Oskaloosa	6 blk	648@145.50
Council Grove	3 bwf	613@145.00
Olsburg	14 blk	667@143.50
Linwood	5 blk	609@143.00
White City	5 blk	644@142.00
Council Grove	11 Heref	561@141.00
Scranton	7 blk	622@140.00
Council Grove	16 Heref	668@139.60
Beattie	5 Cross	605@139.50
Green	10 blk	682@139.25
St. George	12 blk	695@139.00
Beattie	7 blk	682@138.00
Randolph	12 blk	753@137.25
Junction City	23 blk	699@137.00
McLouth	49 blk	731@136.25
Manhattan	5 blk	692@136.50
Oskaloosa	13 blk	743@135.50
Goff	8 blk	752@135.00
McLouth	12 blk	839@134.50
Scranton	5 blk	722@134.00
Junction City	12 blk	820@133.00
Frankfort	7 blk	800@131.50
Frankfort	5 blk	664@131.00
Green	9 blk	843@129.50
Goff	3 Cross	821@129.00
Clifton	60 mix	889@127.00
Junction City	3 bwf	846@125.00
Randolph	7 blk	916@124.50
Council Grove	13 Heref	792@123.50
Green	3 blk	603@121.00

**HEIFER CALVES — 450-525 LBS.**

Olsburg	3 blk	448@155.50
Andover	5 Red Ang	493@154.00
Oskaloosa	5 Cross	462@152.00
Frankfort	3 blk	475@143.00
Olsburg	5 blk	524@137.50
Paola	6 blk	519@134.00

**HEIFERS — 550-875 LBS.**

Oskaloosa	3 blk	550@145.00
Green	5 blk	603@143.00
White City	6 blk	581@140.00
Kearney, MO	4 blk	577@138.00
Council Grove	13 Heref	550@137.50
McLouth	13 blk	625@137.00
Oskaloosa	13 blk	650@135.25
Paola	10 blk	618@134.00
Council Grove	17 Heref	636@132.00
Manhattan	9 blk	596@132.00

Olsburg	13 blk	605@131.50
McLouth	17 blk	705@131.50
Junction City	8 blk	652@129.00
Green	12 blk	692@129.00
Green	7 blk	770@127.25
Beattie	4 blk	613@127.00
Oskaloosa	6 blk	732@127.00
St. George	12 blk	773@126.50
Paola	21 blk	753@126.50
Linwood	4 blk	605@126.00
Green	3 blk	865@123.00
Paola	3 blk	865@120.00
Frankfort	4 blk	677@118.00

**COWS & HEIFERETTES — 875-1,850 LBS.**

Green	1 blk	935@110.00
Marysville	1 blk	940@109.00
Topeka	1 blk	1015@103.00
Frankfort	9 blk	889@101.00
Dwight	5 blk	1047@93.50
Marysville	2 blk	1175@84.00
Tonganoxie	1 blk	980@66.00
McLouth	1 blk	1195@60.00
Manhattan	1 blk	1850@54.00
McLouth	1 blk	1670@53.00
Tonganoxie	1 blk	1325@50.00
McLouth	1 blk	1425@50.00
Olsburg	1 blk	1385@48.50
Corning	1 blk	1525@48.00
Green	1 blk	1430@48.00
Linwood	1 blk	1435@47.00
Green	1 blk	1320@47.00
Burns	1 blk	1305@46.50
Wamego	1 blk	1340@45.50
Tonganoxie	1 blk	1210@43.50
Corning	1 blk	1270@43.00
Linwood	1 blk	1360@42.00
Scranton	1 blk	1170@37.50
Corning	1 blk	1085@37.00
White City	1 blk	1270@34.00

**BULLS — 1,775-2,100 LBS.**

Council Grove	1 blk	2085@79.00
Hoyt	1 blk	2055@76.00
St. George	1 Heref	1975@75.00
St. George	1 blk	1790@75.00

For our special stock cow sale held Wednesday, January 13th, we had a large run of bred cows and first calf bred heifers. The younger bred cows and the bred heifers with size and quality were finding the best interest.

**BRED COWS**

AGE BRED			
Mayetta	4 blk	4	6 @1610.00
Mayetta	14 blk	5	7-8 @1600.00
Dwight	14 blk	3	7-8 @1575.00
Green	7 blk	2	7-8 @1575.00
Dwight	59 blk	3-5	7-8 @1550.00
Dwight	14 blk	4	7-8 @1525.00
Mayetta	3 blk	4	6 @1525.00
Dwight	10 blk	5	7-8 @1525.00
Shawnee	13 blk	2	7-8 @1525.00
Dwight	15 blk	2	7-8 @1510.00
Dwight	7 blk	3-4	9 @1500.00
Dwight	11 blk	3-4	5-6 @1475.00
Falls City, NE	3 blk	2	7 @1475.00
Falls City, NE	8 blk	2	6 @1450.00
Seneca	12 blk	2	6-7 @1450.00
Burlington	6 blk	2	7-8 @1400.00
Pamona	6 blk	2	6-8 @1360.00
Gardner	3 blk	2	7-8 @1350.00
Dwight	15 blk	5-6	7-8 @1325.00

Dwight	6 Cross	5-6	7-8	@1275.00
Osage City	4 blk	5-6	5-7	@1210.00
Corning	3 blk	6	7	@1200.00
Green	5 blk	5	6	@1185.00
Corning	3 blk	4	5	@1150.00
Corning	6 blk	5	5-6	@1100.00
Junction City	4 Heref	5	5	@1075.00
Osage City	4 blk	7	7-8	@1050.00
McLouth	4 blk	SS	6-7	@1035.00
Corning	7 blk	7-8	5-6	@1000.00
Council Grove	4 blk	5-6	4-5	@975.00
Sterling	8 Cross	SS	7-8	@960.00
Sterling	8 blk	7-8	7-8	@950.00
Corning	4 blk	SS	6-7	@910.00
Sterling	3 blk	6	5-6	@910.00
Council Grove	3 blk	BM	8	@875.00

**BRED HEIFERS**

**AGE BRED**

Dwight	7 blk	3	7-8	@1940.00
Dwight	21 blk	3	7-8	@1900.00
Marysville	25 blk	2	7-8	@1875.00
Hoyt	13 Cross	2	7-8	@1800.00
Dwight	5 blk	3	6	@1700.00
Dwight	2 blk	3	6	@1700.00
Marysville	10 blk	2	7-8	@1700.00
Waterville	6 blk	2	7-8	@1650.00
Onaga	17 blk	2	8	@1600.00
Green	17 blk	2	7-8	@1575.00
Havensville	4 blk	2	8	@1575.00
Green	15 blk	2	7-8	@1550.00
Onaga	4 blk	2	6	@1525.00
Marysville	12 blk	2	5-6	@1525.00
Green	12 blk	2	7-8	@1525.00
Shawnee	7 bwf	2	7-8	@1525.00
Shawnee	13 blk	2	7-8	@1525.00
Falls City, NE	10 blk	2	8	@1525.00
Falls City, NE	14 blk	2	7-8	@1510.00
Falls City, NE	3 blk	2	7	@1475.00
Seneca	4 blk	2	7	@1475.00
Falls City, NE	8 blk	2	6	@1450.00
Seneca	12 blk	2	7	@1450.00

Onaga	7 blk	2	7-8	@1450.00
Shawnee	7 blk	2	6	@1400.00
Burlington	6 blk	2	7	@1400.00
Burlington	2 Cross	2	8	@1400.00
Seneca	3 Rd Ang	2	6	@1375.00
Gardner	3 blk	2	7-8	@1350.00
Pamona	4 blk	2	6	@1310.00
Corning	3 blk	6	7	@1200.00
Corning	3 blk	4	5	@1150.00
Corning	6 blk	5	5-6	@1100.00
Seneca	3 Rd Ang	2	6	@925.00
Onaga	4 blk	2	7-8	@925.00

**COW/CALF PAIRS**

**AGE**

Summerfield	8 blk	2	@1975.00
Randolph	7 blk	3-4	@1975.00
Seneca	6 blk	2	@1950.00
Randolph	8 blk	5-6	@1860.00
Randolph	6 blk	3-4	@1775.00
Mayetta	7 blk	3	@1650.00
Dwight	8 blk	3-4	@1600.00
Seneca	4 blk	5-6	@1600.00
Council Grove	3 mix	5-6	@1525.00
Randolph	8 blk	8	@1500.00
Leonardville	3 blk	2	@1500.00
Westmoreland	2 blk	5-6	@1475.00
Mayetta	3 Cross	4-5	@1450.00
Green	5 Cross	5	@1450.00
Council Grove	4 blk	SS	@1425.00
Mayetta	8 blk	2-6	@1400.00
Waterville	2 blk	2	@1400.00
Randolph	2 blk	5-6	@1375.00
Dwight	5 blk	2-5	@1375.00
Randolph	3 blk	SS-BM	@1350.00
Dwight	2 Heref	4-5	@1350.00
Green	2 blk	4	@1350.00
Green	4 mix	7-8	@1275.00
Randolph	2 blk	5-6	@1250.00
Green	2 blk	2	@1250.00
Cassoday	2 blk	BM	@1085.00
Council Grove	2 blk	OO	@1000.00

**EARLY CONSIGNMENTS FOR JAN. 22**

- 190 choice reputation blk bwf str & hfrs, long weaned, 2 compl. rd shots, 550-750 lbs.
- 35 choice blk & bwf str, 2 rd shots, weaned Nov. 1, 725-775 lbs.
- 35 Heref str, long weaned, 750-900 lbs.
- 15 Heref hfrs, long weaned, 600-700 lbs.
- 19 blk & Red cross hfrs, long weaned, 500-575 lbs.
- 40 choice blk bwf str & hfrs, Spring & Fall shots, 550-650 lbs.
- 29 blk bwf str & hfrs, weaned 45 days, 1 rd shots, 500-700 lbs.
- 40 Reputation SimmAng str & hfrs, 2 rds shots, weaned Sept., 700-825 lbs.
- 30 choice blk str & hfrs, long weaned, shots, 600-750 lbs.
- 15 Angus & SimAngus str, 550-700 lbs.
- 65 blk & Char cross str & hfrs, long weaned, shots, 500-700 lbs.
- 140 Choice reputation Angus & Char cross str & hfrs, long weaned/ shots, 600-800 lbs.
- 122 choice balancer cross str & hfrs, long weaned, 2 erds shots, 600-800 lbs.

**EARLY CONSIGNMENTS FOR JAN. 29**

- 280 blk str & hfrs, weaned 6 weeks, 2 rds shots, bunk broke, 500-700 lbs.
- 90 blk & Red cross str & hfrs, 1 rd shots, 400-600 lbs.

## SPECIAL STOCK COW AND BRED HEIFER SALE

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**Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesdays starting at 11:00 AM**  
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# Kansas Hay Market Report

For the week ending January 9, hay market prices were steady for all types of hay, demand remained strong with movement slowing over the previous week. Alfalfa prices remain strong and is harder to find. There are some thoughts, however, that those who still have alfalfa for sale will turn loose of it within the next 30 days. According to the U.S. Drought Monitor for the week of January 5th, abnormal dryness (D0) increased to 26%, moderate drought (D1) decreased to 30%, severe drought (D2) remained at 9.5%, and extreme drought (D3) remained at 10%. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: [www.hayexchange.com/ks.php](http://www.hayexchange.com/ks.php).

## Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered steady; movement good to moderate. Alfalfa: horse, premium small squares 260.00-280.00. Dairy 1.00-1.05/point RFV, Supreme 185-237.00.00, Premium 170.00-195.00, Good 150.00-178.50. Stock or Dry Cow 165.00-175.00. Grinding alfalfa 160.00-170.00, with an instance at 180.00. Ground and delivered locally to feed lots and dairies, 165.00-180.00 with an instance at 185.00-195.00. Grass Hay: small squares none reported, large 4x4 squares 100.00-110.00, large rounds 70.00-80.00; Sudan: large round 85.00-90.00. Sorghum: large rounds 80.00-90.00; Corn Stalks:

ground and delivered 70.00-75.00; Wheat straw, small squares 3.50-4.50/bale, large 3x4 squares 80.00-90.00. The week of 1/3-1/9, 6,865T of grinding alfalfa and 2,075T of dairy alfalfa was reported bought/sold.

## South Central Kansas

Dairy alfalfa, alfalfa pellets, grinding alfalfa, ground/delivered steady; movement moderate. 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, 150.00-160.00. Fair/good grinding alfalfa 140.00-155.00 delivered. Ground and delivered 155.00-165.00. Alfalfa pellets: Sun cured 15 pct protein 190.00-205.00, 17 pct protein 200.00-210.00, Dehydrated 17 pct 305.00-310.00. Grass Hay: Bluestem, 3x4 and 4x4 squares 100.00-110.00, large rounds 60.00-90.00. Brome: large 4x4 squares 100.00-120.00, large rounds 95.00-100.00. Teff: large 3x4 squares 135.00-145.00, large rounds 120.00-130.00. Sudan: large rounds 80.00-85.00. Milo ground and delivered, 85.00-95.00. Corn stalks: large squares, 65.00, large rounds 60.00. Wheat straw: large 4x4 squares, 65.00-75.00. The week of 1/3-1/9, 7,879T of grinding alfalfa and 156T of dairy alfalfa was reported bought/sold.

## Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady, grass hay steady; movement slow to moderate. Alfalfa: horse or goat, 230.00-240.00. Dairy 1.00-1.05/point RFV. Stock cow 150.00-160.00. Fair/Good grinding alfalfa, large rounds 130.00-145.00 delivered. Ground and delivered, none reported; Grass hay: Bluestem, small squares 120.00-125.00, good 3x3 squares 100.00-125.00, good, 3x4 squares 100.00-120.00, large 4x4 squares 100.00-110.00, large rounds 70.00-80.00. Brome, good, small squares

none reported, 3x4 to 4x4 squares 95.00-125.00, large rounds 75.00-85.00. Wheat Straw: 3x4 and 4x4 squares 60.00-70.00. The week of 1/3-1/9, 1,645T of grass hay was reported bought/sold.

## Northwest Kansas

Dairy alfalfa, ground/delivered steady, grinding alfalfa steady; movement slow. Alfalfa: Horse or goat, 220.00-230.00. Dairy, Premium/Supreme 1.00/point RFV. Stock cow, fair/good 145.00-155.00. Fair/good grinding alfalfa, 120.00-140.00. Ground and delivered locally to feedlots and dairies, none reported. Sudan, large rounds 60.00-70.00. Wheat straw, large squares none reported.

## North Central-Northeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares, 9.00-10.00/bale. Dairy 1.00-1.05/point RFV, Supreme 185-237.00.00, Premium 170.00-195.00, Good 150.00-178.50. Stock Cow, 150.00-160.00. Fair/good, grinding alfalfa, 120.00-130.00. Ground and delivered 140.00-150.00. Grass hay: Bluestem, small squares 5.50-6.50/bale, 3x4 to 4x4 squares 100.00-105.00, large rounds 60.00-90.00. Brome, small squares 6.50-7.50/bale, 3x4 to 4x4 squares 110.00-120.00, large rounds 75.00-85.00; Sudan, large rounds, 60.00-65.00. Wheat Straw: small squares 5.00-6.00/bale, large 4x4 squares 75.00-85.00, 100.00-110.00 delivered, large rounds 65.00-75.00. The week of 1/3-1/9, 1,318T of grinding alfalfa and 125T of dairy alfalfa was reported bought/sold.

\*Posted by Kim Nettleton, Kansas Department of Agriculture

\*\*Prices are per ton and FOB unless otherwise noted

## Junior swine, meat goat virtual weeks scheduled

The Kansas State University Youth Livestock Program, K-State Research & Extension, and the K-State Department of Animal Sciences and Industry will be hosting two virtual junior producer weeks in the spring of 2021. Junior Swine Producer Week will start Monday, February 15 and end on Saturday, February 20. Junior Meat Goat Producer Week will start Monday, March 15 and end Saturday, March 20.

Both events will be hosted as a virtual series during the course of a week. The junior producer programs are a weeklong educational opportunity for youth, parents, project leaders, agents and others to increase their knowledge of youth livestock production and management. Tentative topics include project selection, nutrition and feeding, meat science, health, reproduction, grooming, showmanship, and the state livestock nomination process. Sessions will be led by K-State faculty members, graduate students, veterinarians, extension agents, guest speakers and specialists. All ages are welcome, but all attendees must register online. These are biennial events, with swine and meat goat days in odd years and sheep and beef days hosted in even years.

The junior producer week events will be free this year, thanks to the support of gracious sponsors, but all participants will still need to register. This includes both youth and adults. Families also need to use an email address someone from the household checks on a regular basis, as that will be the primary method of communication to share links and specific details with registered attendees. Participants will need to sign up by February 8 and March 8, respectively, to receive the appropriate information.

To register, for Swine Producer Week visit: <https://bit.ly/KSUJrSwineWeek>; and Meat Goat: <https://bit.ly/KSUJrMeatGoatWeek>

More information is available at [www.youthlivestock.ksu.edu](http://www.youthlivestock.ksu.edu). For questions, please contact Lexie Hayes, youth livestock coordinator, at [adhayes@ksu.edu](mailto:adhayes@ksu.edu) or 785-532-1264.

## Preparing for kidding season

By Adaven Scronce, diversified agriculture and natural resource agent, Wildcat Extension District

It's a new year and kidding season is right around the corner, or for some breeders it may have already begun. If kidding has not already started for you, now is a good time to go through your supplies to make sure you have everything you may need and are ready for kidding season. Preparing for kidding season can vary a little bit depending on herd size. However, there are basic supplies that should be kept on hand no matter the herd size or the type of goats being raised. A few of the basic supplies that should be kept on hand include: clean towels, bulb syringe, OB sleeves and/or exam gloves, OB lube, iodine, colostrum, bottles and nipples for bottle feeding, esophageal feeding tube and 60cc syringe, heat lamps, thermometer, scale, and record sheets or book.

During kidding season, it is almost guaranteed that there will be a doe that needs assistance, or you will be handling a kid shortly after they are born. When assisting a doe during kidding it is handy to have towels nearby for cleaning off the kid's face to make sure their nose and mouth are clear and they are able to breathe and to dry kids off if needed. Another handy tool to have is a bulb syringe. These work great for clearing the kid's airways of any birthing fluid they may have inhaled. While we always hope that we won't have to pull any kids, it is important to have exam gloves, OB sleeves and lubricant on hand in case you do need to pull a kid. A kid puller or leg snare can also be helpful when pulling kids. One of the

most important supplies to have on hand is seven percent iodine. It is important to dip the umbilical cord of the kid in iodine right after birth to prevent infection and reduce the chance of naval ill. Naval ill is caused by bacteria entering the kid's body through the umbilical cord and causing infection. Dental floss is also handy to have on hand to use to tie off an umbilical cord if necessary, and scissor to cut off any excess umbilical cord after the umbilical cord has been tied off.

Frozen colostrum or colostrum replacer is very important to have in case a doe does not have enough colostrum to feed her kids, there is a weak or orphaned kid that needs to be bottle fed. Colostrum is the first milk does produce; it is thick and yellowish in color. Colostrum is nutrient rich and most importantly contains maternal antibodies (immunoglobulins). When born kids do not have any antibodies to protect them from disease, but the antibodies kids absorb from colostrum help develop their immune system and protect them against disease. If kids do not get colostrum their chance of survival is very low. It is very important to make sure kids receive colostrum right after they are born; the antibodies found in colostrum are large proteins and when born, the kid's small intestines have openings to absorb these proteins. However, kids can only absorb these antibodies within the first 24-36 hours after they are born and they absorb them best within the first few hours after birth.

After 24 hours the kid's ability to absorb the antibodies in colostrum is very minimal. This is why colostrum is one of the most important supplies to have.

Kids should consume at least 10 percent of their body weight in colostrum. While colostrum from the kid's dam is the most ideal source, frozen or fresh colostrum from a doe in your herd is the next best option, but colostrum replacer will work as well. If using colostrum replacer, make sure to follow the mixing and storing instructions on the package. If you are using colostrum from a doe that you do not know the history of or a doe that has tested positive for CAE the colostrum should be heat treated before feeding to kids to prevent disease. It is important to remember that colostrum should not be warmed up in the microwave because the high temperature will kill the antibodies in the colostrum. Bottles and nipples should be kept on hand for any kids that need to be bottle fed as well as an esophageal feeding tube and 60cc syringe for kids that are too weak to nurse or are reluctant to nurse and need to be tube fed. However, tube feeding kids that have a subnormal body temperature (a goat's normal body temperature is 101-103°F) is not recommended. If you put your finger inside the kid's mouth and it feels cold the kid must be warmed up before it is fed. A thermometer should be kept on hand at all times to check the temperature of any goat that shows signs of sickness, and can be used to monitor the temperature of kids while you are warming them up. Heating pad, heat lamps, and kid coats are also good to have on hand to help keep kids warm during extremely cold days or for kids that need to be warmed up.

Another important supply to have on hand that may not be traditionally considered a "supply" is a record sheet or book and scale to weigh kids. While kidding is a very busy time and it can be easy to overlook record-keeping, just keeping simple records of birth weights, number of kids born to each doe, and if the doe needed to be assisted during kidding can be helpful when making management decisions later in the year. Ear tags or another form of identification may also be useful to identify kids and help with record-keeping. Of course there are many other supplies that can be added to this list, such as medications, that are most likely already kept on hand in case they are needed throughout the year. In addition to supplies, having the phone number of a vet and/or a more experienced goat breeder written down or saved in your phone is always good to have in case you have questions or need help pulling a kid.

For more information, please contact Adaven Scronce, Diversified Agriculture and Natural Resource Agent, [adaven@ksu.edu](mailto:adaven@ksu.edu) or (620) 331-2690



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## RETIREMENT FARM MACHINERY AUCTION

SATURDAY, FEBRUARY 13, 2021 • 11:00 AM

LOCATED: 4 miles West of the west edge of MANHATTAN, KS on Hwy. 18 to 56th Ave. (which is the Manhattan Airport exit) then just South to Charlson Rd., then 7/10ths of a mile East to West 52nd Rd, then 1/4 mile South in pasture lot - or just East of 5281 William Wood Rd, MANHATTAN, KS 66502. Lunch on Grounds.

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2013 John Deere 6170R, 2-wheel drive tractor, SN-1RW6170RPDR0008992, 1301 hrs., Power Quad Plus trans., 16 spd. powershift, 900 lbs. weights on each rear wheel, 12 front weights, 480/80R46 rear tires with axle mount duals, 3 pt., 3 hyd. outlets, Green Star Ready, very good tractor; 2008 John Deere 7330, Premium front wheel assist tractor, SN-RW7330K002128, 3542 hrs., 20 spd., Power Quad trans., front & rear weights, (tractor has joystick control but has never had a loader on it); 1998 John Deere 7810, 2-wheel drive tractor, SN-RW7810P012381, 7207 hrs., powershift trans., 18 forward gears, 4 reverse speeds, axle mount duals, front and rear weights; John Deere 4030 dsl open station tractor, SyncaRange trans., dual hyd., sells with GB 880 Work-Master loader.

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# KSU and University of Minnesota researchers publish special issue on antimicrobial use in U.S. animal agriculture

A team of researchers from Kansas State University and the University of Minnesota have partnered in a cooperative agreement with the U.S. Food and Drug Administration Center for Veterinary Medicine (FDA-CVM) to develop pilot systems for collecting and analyzing antimicrobial use data from U.S. beef feedlot, dairy, swine, turkey, and chicken production settings. The results have just been published in a special issue of *Zoonoses and Public Health*, an international journal that publishes integrated and global approaches to disease transmission and public health at the interface of human and animal health. The USDA Center for Epidemiology and Animal Health helped develop data collection systems and perform data analysis. The project was largely funded by the FDA-CVM.

Randall Singer, DVM, MPVM, PhD, a professor of epidemiology at the University of Minnesota College of Veterinary Medicine's (CVM) Department of Veterinary and Biological Sciences led the poultry project, while Peter Davies, BVSc, PhD, professor in the CVM's Department of Veterinary Population Medicine (VPM) led the swine project and Michael Apley, DVM, PhD, DACVCP, pro-

fessor at Kansas State University College of Veterinary Medicine, led the beef and dairy cattle projects. Sandra Godden, DVM, professor in the VPM, was a collaborator on the dairy cattle project.

Each of these projects set out to preserve the ability to use effective antimicrobials in the therapy of disease for both humans and animals. To ensure that antimicrobials are used responsibly and judiciously in animal agriculture it is important to fully understand how antimicrobials are currently used on-farm. Food animal producers and veterinarians also benefit from knowing how their current antimicrobial use compares to their peers. These goals require systems that are capable of gathering data from varying record systems and standardizing and reporting the data in a meaningful way.

"Data collection approaches and challenges differed for each animal species, but we all succeeded in these pilot projects to create a system for gathering on-farm antimicrobial use data," says Singer. "I'm particularly proud of the poultry effort, where companies producing almost 90 percent of U.S. broiler chicken and almost 70 percent of U.S. turkey voluntarily participated."

## Hereford breed thrives in an uncertain year

In a year that was anything but predictable, Hereford breeders and the American Hereford Association (AHA) continued to add value to Hereford genetics. Year-end reports shared during the Association's recent annual meeting show their efforts paid off.

"As the commercial industry has looked to add crossbreeding back into the programs to increase fertility, longevity, disposition — all the things that are known in Hereford cattle — it's created a great opportunity for us," says Jack Ward, AHA executive vice president.

Ward reports the Association experienced increases in registrations and memberships this fiscal year, while sale averages climbed.

"The real excitement within our breed and within our membership is in its growth," Ward says. "It's seen growth because the breeders have been committed to genetic improvement and providing the tools necessary to make the changes to produce the type of product that their customer's need and then, ultimately, the consumer. It's all-encompassing."

A drive for genetic

improvement includes a focus on the female. The Association incorporated genomic information into its suite of maternal traits, and female genotypes accounted for almost 60% of the 25,000 genotypes submitted to the organization during the fiscal year.

"I really think that speaks highly to our breeders' commitment to really get the most of the females that they're keeping," says Shane Bedwell, AHA chief operating officer and director of breed improvement. "You'll find about a 20% to 25%, up to a 30%, increase in those maternal traits in the last

three years."

The Association also reports tremendous strides in other economically relevant traits, including carcass. "We've made incredible improvements in postweaning growth and end product merit," Bedwell adds. "That's evident in the amount of cattle that are now grading well in the Hereford breed." Benefits in conversion and cost of gain have more producers utilizing the Association's commercial programs — like Hereford Advantage — to add value to Hereford and Hereford-influenced calves.

Meanwhile, Certified

Hereford Beef® celebrated its 25th anniversary and another successful year. "No matter where you drive in the U.S., you find Hereford cattle. They're adaptable, they work hard. They're efficient," Bedwell notes. "We need efficient cattle in these times and in our production system, and Hereford genetics thrive." Ward adds,

"Producers want it all and, with Herefords, you can 'Come Home to Hereford,' use good Hereford genetics and take advantage of those opportunities." Learn more about additional AHA opportu-

nities or news from AHA's 2020 Annual Meeting at Hereford.org. You'll find a series of highlights, including the presentation of more than \$150,000 in scholarships, as well as breed honorees and other Hereford news.

Virtual educational sessions covering topics from genomics to marketing are also available. Merck Animal Health, Neogen Corporation, National Cattlemen's Beef Association and National Corn Growers Association were among major sponsors of the AHA Annual Membership Meeting and Conference.

## ARS advances fight against deadly African swine fever virus

A recent change in regulatory status may speed up commercial work on African swine fever (ASF) vaccine candidates, said Douglas Gladue, a USDA Agricultural Research Service (ARS) microbiologist at the Plum Island Animal Disease Center (PIADC).

"Three of our vaccine candidates have been removed from the Federal Select Agent list," which is a list of agents and toxins that must be worked on in facilities with the highest level of biosafety (BSL3), he said in an ARS release.

PIADC is one of only two BSL3 facilities in the U.S. authorized to work with ASF virus. "Removal from the Select Agent list could pave the way for our vaccine candidates to be worked on in other facilities in the United States and worldwide," Gladue said.

In the past year, ARS scientists have made two important advancements against the ASF virus. Sci-

entists at PIADC in Orient Point, N.Y., developed several vaccine candidates by deleting genes to weaken the virus, ARS reports in a release.

By using a gene editing technique that allows DNA to be directly inserted, deleted, modified, or replaced in the genome of a living organism, the team was able to license four different ASF vaccine candidates to commercial partners for further development, according to ARS. The team's second major advancement, after an intensive screening process, allowed them to identify a commercially available stable cell line for diagnostic labs to use specifically in testing for infectious ASF virus.

"Until now, fresh swine macrophages (large white blood cells) were the only cells that would work in the diagnostic testing process. This required labs to continuously culture fresh cells so they would be ready if and when a sam-

ple arrived for testing," ARS said in a release.

Fortunately, researchers said another cell line, from an African green monkey, not only works as well as macrophages but can also be frozen until needed, eliminating the need for continuous culturing.

"The advantage is enormous. You can keep the cell line in the freezer until you need it, and then you can have it in culture within two days," said ARS microbiologist Manuel Borca.


This also will free up diagnostic labs from having to work to obtain donor pig blood and process the macrophages, he said in the release.

Being able to use the commercially available primate cell line will save time, labor, equipment and money. These cells are now available to diagnostic labs, including the Foreign Animal Disease Diagnostic Laboratory, part of USDA's Animal and Plant

Health Inspection Service.

The ASF virus has not reached the U.S., but continues to gain momentum around the globe in parts of Europe, Asia and Africa. The disease is almost always fatal in swine, although it poses no risk to humans. However, the significant economic losses and trade restrictions pose great challenges to the global swine industry.

ARS reports the research team is awaiting news on patenting a third important advancement in the fight against ASF.



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## North Central Experiment Field Winter Update to be held January 27

Save the date to attend the virtual North Central Experiment Field Winter Update on January 27 from 11:00 a.m. to 1:00 p.m. via Zoom. Meet the new agronomist-in-charge, Scott Dooley, as he discusses current research at the North Central Experiment field. The update will also feature presentations by Extension weed science specialist Sarah Lancaster and wheat specialist Romulo Lollato. There will be time after each presentation for questions from the online attendees. The event is free to attend.

You can register online at [www.rivervalley.k-state.edu](http://www.rivervalley.k-state.edu) or [www.postrock.k-state.edu](http://www.postrock.k-state.edu). If you have any questions you can contact Rebecca Zach at 785-527-5084 or by emailing [zrebecca@ksu.edu](mailto:zrebecca@ksu.edu).

## COIN AUCTION

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## Progressive Beef and Wendy's® advance partnership to verify and improve animal care, food safety and sustainability in fresh beef supply

Progressive Beef, which has an innovative animal care and sustainability program for cattle feedlot operators, is proud to share progress in its partnership with Wendy's®: at the end of 2020, 40% of Wendy's U.S. fresh, never frozen beef supply\* is sourced from Progressive Beef™-certified feedlots, representing a 15% increase in 2020. This increase demonstrates progress against the company's goal of sourcing more than 50% of its supply from cattle raised under the Progressive Beef program in 2021.

"Despite a challenging year for the beef and restaurant industries, we remained on track with our commitment to the Progressive Beef program," said Liliana Esposito, chief communications officer for The Wendy's Company. "Improving the traceability and sustainability of our supply chain is one of Wendy's key priorities. When it comes to beef, the first step is reaching further back into our supply chain to create visibility into the animals we source for our food, and to verify how they were raised and treated. Over time, we believe this transparency and record-keeping will enable us to measure and

improve our impact on a variety of sustainability metrics, including medical treatment and antibiotic use, and water and land use."

Built on proven best practices implemented through training, teamwork and technology, the Progressive Beef program increases transparency and provides third-party verification that the cattle were raised in accordance with strict animal welfare and sustainability standards. The Progressive Beef program is built around three core pillars including animal welfare, food safety and sustainability; and transparency and traceability are critical to achieving progress in these areas.

"Wendy's is a longtime leader in the restaurant industry, and we were delighted to have them as our first restaurant chain partner," said John Butler, chief executive officer of Progressive Beef, LLC. "Today's consumers want to know where their food comes from and that the cattle were ethically and sustainably raised. We are proud to offer Wendy's a solution to meet the Company's goal of a more transparent and traceable fresh beef supply chain; a program that we believe to be

the industry gold standard and way of the future."

For more information about Wendy's Animal Welfare Program and Council, and focus on traceability, click here: <https://www.wendys.com/animal-welfare-program> or visit The Square Deal blog: <https://www.squaredealblog.com/home/wendys/good-done-right-our-new-corporate-social-responsibility-platform>.

To find out more information on the Progressive Beef program, visit <https://www.progressivebeef.com/>.

\*Fresh beef available in the contiguous U.S., Alaska and Canada on Wendy's hamburgers

**About Progressive Beef**  
Progressive Beef, LLC developed and currently manages the Progressive Beef program. Originally designed in 2000, the program has grown into a quality management systems approach to beef production with the goal of bringing transparency and verification to consumers. Progressive Beef, LLC is located in Great Bend and works with feedyards to verify their commitment and care for cattle. Visit <https://www.progressivebeef.com/> for more information.

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Wilsey, 1 blk	1300@70.50				
Ramona, 1 blk	1355@58.50				
Hillsboro, 1 blk	1750@58.50				
Herington, 20 blk	1354@58.00				
Tampa, 3 blk	1733@58.00				
Ramona, 1 blk	1595@55.50				
Woodbine, 1 blk	1250@55.50				
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Ramona, 1 blk	1245@55.00				
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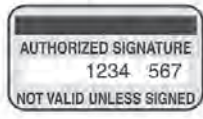
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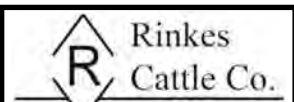
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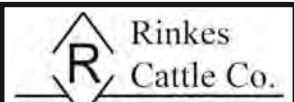
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U.S. farm and biofuel leaders condemn  
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America's top biofuel and farm advocates called on President Trump to reject last-minute attacks on the Renewable Fuel Standard (RFS) and American farmers throughout the country, a plan reported to be under consideration by Andrew Wheeler, administrator of the Environmental Protection Agency

(EPA). The following joint statement was issued by the Advanced Biofuels Business Council, Fuels America, Growth Energy, the National Biodiesel Board, the National Corn Growers Association, the National Farmers Union, and the Renewable Fuels Association:

"Reports indicate that the EPA is considering

a last-minute flood of oil industry waivers, along with other regulatory favors, that would sabotage the rural recovery and shatter this administration's promises to supporters across the heartland. There is no justification for President Trump, Andrew Wheeler, and their allies to award

handout to oil companies at the expense of farm communities. While no one benefits from months of economic uncertainty, if the EPA opts to follow this disastrous course, we would expect the Biden administration to act quickly to reverse the damage and put lost gallons back on the market."

Never say never to nitrogen –  
rescue N shines in wet years

Sometimes it pays to be late.

Nitrogen application is one of those times, says University of Missouri Extension nutrient management specialist Peter Scharf.

Scharf, who has researched nitrogen application in corn, wheat and other crops for 35 years, continues to favor spring nitrogen application over fall-applied application, especially during wet years, which are becoming more frequent.

"Early nitrogen is not a big deal," says Scharf. He knows this is controversial but says his years of research validate it.

In 14 on-farm corn experiments, there was only a one bushel per acre difference between fields with zero pre-plant and 200 pounds single-shot side-dressed nitrogen and fields with an even split (100/100) between pre-plant and side-dress. "There was no payback for that extra trip," Scharf says.

Similarly, in continuous no-till corn, eight-year total yield remained unchanged when comparing plots where pre-plant N rate was either zero or 50, followed by side-dress N.

"That 50 pre gave us no

benefit," Scharf says.

Early nitrogen has its place sometimes, but be prepared to replace it.

Some worry about stressing corn even for short periods. "Do not worry about early stress in corn. Instead, worry about N stress when corn is going great guns," he says.

Springs in the Midwest continue to trend wetter, and this points to the need for late-applied nitrogen.

Twenty-four of the last 39 years have had above-normal precipitation, according to MU Extension climatologist Pat Guinan. Additionally, heavy rains are happening more often. Missouri has seen a 35% increase in three-inch daily rain events over the past couple decades. Scharf says these trends call for changes in application timing.

In May of 2013, a wet year, Scharf applied 140 pounds per acre of nitrogen as anhydrous ammonia plus N-serve to test plots. He recorded a 60-bushel-per-acre advantage compared to the same application in October or December. He also used urea and Agrotain, where a single July application beat a single April application, with a 75-bushel advantage.

The later the better in a wet year, he says.

Scharf looked at nitrogen timing in no-till corn over a decade. Side-dressed plots showed an advantage of 318 bushels over ten years with 190 pounds less nitrogen, compared to plots with pre-plant N. Less nitrogen and more corn translate to more profits for the producer, says Scharf.

During six years when precipitation was above 15 inches from April to June, Scharf found a 20- to 100-bushel per acre advantage to side-dressing.

Scharf has tested rescue treatments over six years in plots in four states. In wet years, yellow corn still has hope. "The worse it looks, the better it responds," says Scharf.

Scharf's 2015 experiments showed an average 45-bushel per acre payback in the four worst fields when rescue nitrogen was applied at tassel stage.

Crop color is the most accurate way to diagnose nitrogen needs, he says. Several tools exist to help corn growers know how much to apply in fields where the nitrogen supply varies, but crop color is the most accurate indicator.

Corn crop sensors can show year-to-year variability. Aerial photos, reflectance sensors and handheld meters also help. Soil tests are less accurate than assessing crop color.

Spring application, especially in growing corn, comes with risks. Wet weather can hamper application. Scharf recommends that producers have a backup plan for aerial application or other means.

Wheat needs fall nitrogen, but there is some in the soil already. In eight experiments, Scharf did a 40- and 80-pound split application on some plots and a 120-pound spring application on other, nearby plots. There was a one-bushel yield difference. Delaying nitrogen application to spring is not a problem in wheat, he says.

This may not be the case on sandy soils and when tillers are thin. A single shot pre-jointing seemed to work best in fields with adequate tillers at green-up. With on-farm field-scale wheat experiments in 2020, shifting N from the green-up stage to the pre-jointing stage (about a month later) netted the farmer five to ten extra bushels of wheat.

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600-700#	\$141.00-\$122.00
700-800#	\$129.00-\$115.00
800-900#	\$125.00-\$112.00

Due to State & County Mandates, MASKS  
& Social Distancing are required &  
NO CHILDREN in the Barn. Thank you.

Market Report for 1-14-21. 2,920 Head Sold.

## HFRETTES:

626# \$126.00

## COWS-HIGH YIELDING

2045#-1110# \$73.00-\$60.00

## COWS-LGT WT &amp; LOW YIELDING

1550#-980# \$53.00-\$37.00

## BULLS:

2320#-1600# \$79.00-\$67.00

## FIELDMEN

Jim Dalinghaus 785-799-5643 Baileyville, KS	Dave Bures, Auctioneer 402-239-9717 Odell, Nebraska Barn Phone • 785-562-1015	Jeff Cook 785-564-2173 Hanover, KS	Greg Anderson 785-747-8170 Waterville, KS	Trevor Lundberg 785-770-2271 Frankfort, KS	Taylor Schotte 785-268-0430 Marysville, KS
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## MARK YOUR CALENDARS

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2021

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Farm and Ranch Show

To be held at the Riley  
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# K-State Rodeo canceled due to COVID-19

Kansas State University Animal Sciences and Industry Department Head Mike Day and K-State Rodeo Coach Casey Winn have announced the 2021 K-State Rodeo has been canceled.

Due to K-State, Riley County and Manhattan city restrictions, the department and K-State Rodeo Club are not able to host the rodeo in Weber Arena. "We had planned to move the rodeo to Domer Arena in Topeka," Winn says. "Then in December, Domer Arena became part of hospital overflow and the facility canceled all events."

Winn and the K-State Rodeo Club looked at several other indoor facilities in Kansas, but just couldn't find the right fit. "With more than 400 contestants there are only a few places that have enough parking and seating to accommodate the rodeo," Winn explains.

This year would have been the 65th annual K-State Rodeo. K-State is part of the Central Plains Region of the National Intercollegiate Rodeo Association. Annually the K-State Rodeo brings more than 10,000 fans into Weber Arena to watch more than 400 contestants from 18 colleges and universities spanning Kansas and Oklahoma compete.

For more information about the K-State Rodeo Club visit <https://www.facebook.com/ksurodeo>.

# Kuhn wins 2021 ASABE award

Kuhn was recently awarded an AE50 award from the American Society of Agricultural and Biological Engineers (ASABE).

An AE50 award was given to the patented I-DENSE system found on KUHN VB 7100 Series round balers, deeming this technology one of the year's most innovative designs in engineering products for the food and agriculture industries. KUHN I-DENSE technology will be featured in the January/February 2021 special issue of ASABE's magazine Resource: Engineering and Technology for a Sustainable World. For more details visit <http://www.asabe.org/AE50>.

The Kuhn I-DENSE system is an intelligent density system, which independently controls the baler's density settings based on crop conditions and moisture levels. I-DENSE pairs a twin tensioning arm system with measurements from a moisture sensor to automatically adapt the baling pressure according to different crops and crop conditions, without intervention from the driver.

Companies from around the world submit entries to the annual AE50 competition and up to 50 of the best products are chosen by a panel of international engineering experts. The judges select innovative products that will best advance engineering for the food and agriculture industries.

# Broomsedge bluestem – why it thrives

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

One of the forages that responded well to growing conditions last fall was broomsedge bluestem. You know the one: orange to bronze-colored native-looking grass, typi-

cally about two feet tall? In places where it has gotten a start, the end of the 2020 growing season gave it an opportunity to gain an even better foothold – and that's not a good thing.

How does it 'take over' so successfully? In our cool-season forage systems, there are multiple

reasons. It's a warm-season grass. When cool-season grasses slow growth in the heat of summer, broomsedge continues to thrive. If the cool-season forages are further slowed in their recovery by drought/overgrazing/etc, broomsedge can expand even

further. It likes low fertility. If soil tests are an indicator, many stands are low in phosphorous. Broomsedge likes that – brome/fescue do not – and it thrives in that environment. Allelopathic chemicals in broomsedge play a role as well. Not only do they

inhibit the growth of other plants, but they can affect nitrogen-fixing bacteria as well. That means clovers may have difficulty getting established, and plants, in general, might struggle to compete. Cattle don't like it. They might consume it to a degree early on when it's

young and tender, but it is a low-quality forage that tends to be unpalatable as a general rule. Control is often most successful by following a multi-year/multi-faceted effort. Next week, I'll share more about management ideas to help combat broomsedge.

# CoBank Quarterly: probable boost in fiscal spending lifts outlook

The coronavirus still dominates the economy and continues to impact rural industries, but with vaccines rolling out, the virus will slowly loosen its grip in 2021. Shifts in the political landscape bring new legislative possibilities, including an increased probability of more COVID-19 financial aid and other fiscal spending, which are pushing up expectations for 2021 GDP growth.

According to the new Quarterly report from CoBank's Knowledge Exchange, it will likely be summer before the economy really begins to gain steam, but the second half of the year should power the economy to annual growth of roughly 4.5%-5.5%.

"While the economic outlook has improved, significant risks still remain," said Dan Kowalski,

vice president of CoBank's Knowledge Exchange division. "Key among those risks are the potential for more geopolitical crises, business solvency, a slower than expected receding of the pandemic and persistence in high rates of long-term unemployment."

The steady climb in corn, soybean, and wheat prices during the fourth quarter of 2020 afforded growers and grain cooperatives the opportunity to capture significant margins. Since August, corn and soybean prices have risen more than 60% while wheat prices have gained more than 30%. The rally is a result of smaller-than-expected U.S. production; strong domestic demand for food, feed, and fuel; and continued large purchases by China, including its follow-through on actual grain shipments.

Farm supply retailers

benefitted from the grain price rally and are poised for a favorable spring agronomy season, weather permitting. Armed with liquidity, growers took advantage of generally favorable weather to conduct post-harvest fall fertilizer applications and other field activities. It is likely that as farmers sought to mitigate tax liabilities by year-end, they increased prepayments to cooperatives, providing ag retailers with additional working capital.

The U.S. ethanol sector continued to recover during Q4, with average daily production reaching 14.7 billion gallons, equaling 90% of pre-COVID supply and demand levels. Operating margins retreated however to \$0.11 per gallon, principally due to a dramatic 26% increase in corn input costs. Fuel ethanol's production outlook

could improve somewhat in 2021 if COVID-19 vaccine deployment fosters a return to workplaces, although a continued rise in corn prices will compress operating margins.

Profit margins for chicken producers during Q4 were generally below break-even, but average industry margins ended the quarter in a far better position than where they started, due to a 2% pullback in supply. What makes this margin improvement noteworthy is it occurred amid rising feed costs, but contraction in chicken supply helped prices for leg quarters, wings, and whole birds to climb through year-end.

The U.S. pork sector worked through the backlog of hogs over the summer and started the fourth quarter relatively current in most parts of the country. That along with the

boost in trade expectations following the discovery of African Swine Fever (ASF) in Germany delivered the best spot producer margins of the year in October. These margins eroded through the quarter though as fears of capacity issues and higher feed costs began to take their toll, as did margins for pork packers.

U.S. beef demand performed well during the fourth quarter, despite the challenging foodservice environment. The beef cutout made a strong rally in November as many consumers switched to beef for their holiday meals in light of smaller gatherings. With limited available industry capacity and a challenging labor environment, beef packers continue to benefit from strong margins and producers and feeders are increasingly focused on the feed market.

Milk and dairy products ended 2020 in ample supply despite the seasonal spike in holiday demand, which was down significantly compared to prior years. That could lead to even greater surplus supply issues for dairy producers and processors leading into the 2021 spring flush. USDA's fifth round of food purchases under the Farmers to Families Food Box Program will be a needed short-term release valve for dairy products in the opening months of

2021. Extreme tightness in South American rice supplies continues to support global rice prices heading into 2021, with the U.S. benefiting as the nearby rice exporter into the region. China remains the central figure behind the rally in U.S. cotton prices that ended the year up nearly 9%, while recoveries in crude oil and other commodities have helped cotton return to the highest level in two years.

U.S. tree nut growers are heading into 2021 with record inventories of almonds, pistachios, and walnuts following last fall's record tree nut harvest. The hefty nut crop increases the importance on the export market in the marketing year ahead. While exporters are aided by weakness in the dollar and a recovery in the Chinese economy, the global container shortage is impeding shipments.

The year-end collapse in natural gas prices is closing the door on a comeback for U.S. coal plants. To date, the COVID-19 fallout has not altered plans to retire coal-fired plants, with the next five years likely to witness a quickening pace of decommissioning. While the past decade saw 97 GWs of coal plant retirements, it's quite possible that same capacity could be shuttered by mid-decade.



## Cost Effective Protein Supplementation

The most cost effective forage a cow can consume is the forage she can harvest herself. However, protein often times becomes the most limiting nutrient for cattle grazing crop residues and dormant grass pastures. In these situations protein supplementation is required to efficiently harvest energy from these protein deficient forage-based diets.

Studies conducted at Kansas State University would illustrate that NGS protein supplements support both gain and efficiency when fed in conjunction with protein deficient forages. Find out more from your local New Generation Supplements dealer, Key Feeds.



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## JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

### Report from January 13, 2021

STEERS					
8	503	169.00	15	667	125.00
12	613	149.50	10	750	123.25
6	635	138.00	3	923	97.00
15	799	136.75	3	1378	68.00
14	768	130.50	<b>TOP BUTCHER COW:</b>		
2	983	120.00	<b>\$58.00 @ 1,685 lbs.</b>		
4	1043	103.00	<b>TOP BUTCHER BULL:</b>		
4	1299	71.00	<b>\$88.50 @ 1,975 lbs.</b>		
HEIFERS					
5	550	148.25	<b>BRED COWS: \$650 - \$975</b>		
11	574	147.00			

### CONSIGNMENTS FOR JANUARY 20:

26 Red Angus str. 600-700 lbs. weaned, 2 rds shots  
**PLUS MORE BY SALE DAY!**

### SPECIAL ANNIVERSARY SALE

**WILL BE HELD WEDNESDAY, FEB. 10TH**

Watch online with [cattleusa.com](http://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 January 12, 2021

STEERS	/lb	59	625	1.2525	
2	343	2.0000	45	716	1.2525
8	458	1.8100	35	638	1.2425
7	542	1.6500	28	734	1.2050
19	616	1.5150	10	840	1.1900
18	677	1.4150	10	980	0.9850
100	702	1.3700	<b>TOP BUTCHER COW:</b>		
19	738	1.3475	<b>\$65.50 @ 1,173 LBS.</b>		
70	818	1.3375	<b>TOP BUTCHER BULL:</b>		
41	887	1.2700	<b>\$88.00 @ 1,920 LBS.</b>		
25	925	1.2300	<b>TOP BUTCHER BULL:</b>		
18	981	1.2000	<b>\$88.00 @ 1,920 LBS.</b>		

HEIFERS	/lb	BRED COWS: \$700-\$980
10	493	1.4950
15	574	1.3300

**PAIRS: \$1,575**

**Expecting a big run for our sale on Tues., Jan. 19th**

**Be sure to check out our Facebook page for latest consignments.**

## 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: 1/13/21. Total Head Count: 1,491. COWS: \$44-\$67.00. BULLS: \$80-\$84.00.

HEIFERS		COWS	
6 mix.....	379@171.00	6 bkbwf.....	617@142.00
4 bkbwf.....	328@157.00	5 blk.....	647@140.00
4 blk.....	403@167.00	11 blk.....	665@139.50
13 blk.....	496@154.00	8 mix.....	658@135.50
9 mix.....	594@139.00	6 blk.....	694@135.00
7 mix.....	695@127.50	14 blk.....	627@134.00
4 mix.....	554@130.50	6 bkbwf.....	866@134.00
7 bkbwf.....	631@133.00	5 blk.....	653@131.00
4 blk.....	614@129.50	6 bkbwf.....	697@131.00
11 blk.....	625@129.00	6 blk.....	707@135.25
7 blk.....	676@129.00	67 blk.....	755@134.50
8 blk.....	681@129.00	24 blk.....	761@133.50
8 bkbwf.....	695@127.50	17 blk.....	757@132.00
4 wf.....	610@124.00	4 blk.....	789@132.00
4 mix.....	630@123.50	4 blk.....	723@131.00
4 blk.....	640@122.00	8 bkbwf.....	758@131.00
4 blk.....	701@129.00	7 blk.....	756@130.50
8 blk.....	718@125.00	6 blk.....	713@130.00
6 blk.....	762@123.00	7 mix.....	733@130.00
74 mix.....	786@122.50	7 blk.....	782@130.00
8 mix.....	710@122.00	10 blk.....	789@130.00
6 mix.....	711@122.00	8 mix.....	787@129.00
9 blk.....	788@121.00	22 mix.....	783@127.25
6 mix.....	748@120.00	8 mix.....	839@129.00
8 mix.....	799@119.00	29 mix.....	847@129.00
12 mix.....	803@121.00	6 mix.....	808@128.50
62 mix.....	877@119.35	6 mix.....	839@127.00
11 bkbwf.....	962@117.00	27 blk.....	826@126.75
6 mix.....	961@115.00	11 blk.....	841@125.00
15 mix.....	995@115.00	27 blk.....	850@125.00
15 mix.....	1003@115.00	11 blk.....	885@125.00
10 bkbwf.....	1095@108.00	18 blk.....	835@124.00
<b>STEERS</b>			
13 mix.....	493@159.00	178 mix.....	886@122.75
22 bkbwf.....	510@165.00	33 mix.....	864@122.50
7 mix.....	529@157.00	11 blk.....	924@123.75
6 mix.....	583@146.00	28 mix.....	935@122.75
7 blk.....	544@132.00	88 mix.....	942@122.75
13 blk.....	608@147.50	7 mix.....	978@120.00
<b>80TH ANNIVERSARY SALE, JAN. 20</b>			
<ul style="list-style-type: none"> <li>• 37 Red Angus str &amp; hrs, longtime weaned, 400-600 lbs.</li> <li>• 68 blk &amp; bwf str &amp; hrs, 80 days wean, 2 rds shots, 500-700 lbs.</li> <li>• 70 blk Brangus str &amp; hrs, longtime weaned &amp; running out, 500-750 lbs.</li> <li>• 96 blk &amp; Red str &amp; hrs, longtime weaned, 500-750 lbs.</li> <li>• 40 blk &amp; bwf str &amp; hrs, longtime weaned, 2 rds shots, 550-675 lbs.</li> <li>• 140 mostly blk hrs, longtime weaned, 600-750 lbs.</li> <li>• 85 blk &amp; bwf str &amp; hrs, longtime weaned, 2 rds shots, no implants, Hinkson &amp; Dalebanks Influence, 600-800 lbs.</li> <li>• 25 mostly blk str, longtime weaned, 650-750 lbs.</li> <li>• 60 blk str &amp; hrs, longtime weaned, 650-800 lbs.</li> <li>• 40 blk &amp; bwf str &amp; hrs, longtime weaned, 650-800 lbs.</li> <li>• 130 blk &amp; bwf str &amp; hrs, longtime weaned, 650-900 lbs.</li> <li>• 70 blk Red, Char hrs, longtime weaned, 2 rds shots, 675-750 lbs.</li> <li>• 28 mostly blk str &amp; hrs, longtime weaned, 675-850 lbs.</li> <li>• 61 blk str, 700-750 lbs.</li> <li>• 50 blk hrs, 700-850 lbs.</li> <li>• 30 blk str, longtime weaned, 725-775 lbs.</li> <li>• 25 mix str, 750-800 lbs.</li> <li>• 65 blk &amp; bwf str, longtime weaned &amp; homeraised, 750-825 lbs.</li> <li>• 85 blk str &amp; hrs, longtime weaned, 750-850 lbs.</li> <li>• 85 blk &amp; bwf str &amp; hrs, longtime weaned &amp; 2 rds shots, no implants, 750-850 lbs.</li> <li>• 93 blk str, 750-850 lbs.</li> <li>• 64 mostly blk str, 775-825 lbs.</li> <li>• 110 blk hrs, fancy, 800-825 lbs.</li> <li>• 54 blk str, fancy, 850-925 lbs.</li> </ul>			

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

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# Farmers' Market/Direct-to-Consumer Virtual Workshops in February

The Kansas Department of Agriculture and K-State Research and Extension will offer virtual workshops February 16-19, 2021, to assist farmers' market vendors and managers, and also for those wanting to sell food products directly to consumers. The workshop series includes three online Lunch and Learn sessions, followed by a half-day virtual workshop.

"Over the past year, we've seen an increase in people's enthusiasm for locally sourced food, and these workshops will address common questions and concerns for farmers and small businesses who are embracing these opportunities to reach local consumers," said Londa Nwadike, food safety specialist with K-State Research and Extension (KSRE) and the University of Missouri. "It's also important for farmers to understand certain legal, safety and financial parameters before choosing to

sell either directly to the consumer or at a farmers' market." In 2020, 76 farmers' markets were registered with KDA's Central Registration of Farmers' Markets.

Dates and topics for each Lunch and Learn online session are as follows:

Tuesday, February 16, 2021, noon to 1 p.m.: Food Safety for Value-Added Food Products

Wednesday, February 17, 2021, noon to 1 p.m.: Meat and Poultry Regulations

Thursday, February 18, 2021, noon to 1 p.m.: Taxation and Accepting EBT/SNAP

The half-day virtual workshop on Friday, February 19, 2021, 8:30 a.m. to 12:30 p.m. will cover topics such as COVID-19 related changes, Double Up Food Bucks program, Senior Farmers Market Nutrition Program, From the Land of Kansas program, and resources available

from KSRE. Keynote speaker Michael Kilpatrick of the Thriving Farmer podcast will also discuss marketing tips for direct-to-consumer sales.

KDA's weights and measures program will offer free scale certification with a paid registration to an online workshop.

Registration for the February virtual workshops is now open. The cost is \$5 per participant. Register at [FromTheLandofKansas.com/FMworkshop](http://FromTheLandofKansas.com/FMworkshop).

For more information, contact Robin Blume, KDA's education and events coordinator, at 785-564-6756 or [Robin.Blume@ks.gov](mailto:Robin.Blume@ks.gov). The workshops are funded by the Kansas Center for Sustainable Agriculture and Alternative Crops, the Kansas Sustainable Agriculture Research and Education Program, and the Kansas Department of Agriculture.

# Breeding tips for fall calving cows

By Lisa Moser

While icy winter mornings can be slick for people to walk, they can also present a risk for bulls breeding fall-calving cows, said Beef Cattle Institute veterinarians Bob Larson and Brad White during a recent Cattle Chat podcast.

"Cattle need to have solid ground to walk on in the wintertime, especially if they are on a natural service breeding plan," Larson said. Natural service refers to the bulls mounting the females for breeding as opposed to an artificial insemination breeding strategy.

He said a natural service plan is important not

only for just the bulls, but also for the cows who are expressing estrus, or being in heat, and show that by riding on the backs of each other.

"Cattle need to be out on ground that isn't too muddy or rocky from the cycle of freezing and thawing," Larson said. "If the ground is really rough, there will be less interest in expressing estrus behavior and less interest by the bulls to be aggressive with multiple mountings."

White added that along with good ground to walk on, the cattle need to have adequate housing.

"If the cattle are in a confined and bedded area, it will allow producers

to monitor for lameness issues during the winter breeding season," White said.

Bulls also need to be monitored for frostbite on the scrotum, according to White.

"On those really cold winter days where the bulls lay on the ground there is risk that the bulls could experience frostbite on the end of their scrotum, and that will have a negative effect on semen quality," he said.

Larson added: "It is important to put down some additional bedding that will provide insulation between the muddy and rocky ground and the cattle."

For those producers who follow an artificial insemination breeding program, the veterinarians reminded listeners to carefully thaw the semen chute-side and maintain it at a 95-degree temperature until it is put into the cow.

"Bull semen can be an expensive investment and so producers need to be careful that it isn't mishandled," Larson said. "It is important to make sure the semen doesn't refreeze between when it is first thawed and when the cow is inseminated with it."

Aside from the breeding logistics, the veterinarians also stressed the

importance of good nutrition.

"For the fall breeding season, it is critically important to supplement cows out on dormant winter forage to make sure the nutritional needs are being met," Larson said.

Larson and White offered a checklist of strategies for successfully breeding fall calving cows:

Maintain cows at a

good body condition with a positive energy balance

Make sure the semen is handled at the appropriate temperature for artificial insemination

Allocate enough time for estrus detection

Manage the housing environment

Provide good footing for the cattle to walk on

To hear more of this discussion, go to the Cattle Chat podcast online.

# Flint Hills Discovery Center to host Kansas Day virtual workshops

The Flint Hills Discovery Center (FHDC) is leading virtual workshops to celebrate Kansas Day on Thursday, January 28 and Friday, January 29 (observed) from 8 a.m.-3:30 p.m. each day. This year marks the 160th anniversary of the day that Kansas was granted statehood in 1861.

Celebrate Kansas Day with a Virtual Workshop from the Flint Hills Discovery Center. Your host will take you through the official Kansas State Symbols including the Bison, Honeybee, Little Blue-stem, and "live" visits from our state turtle and state amphibian.

Each session is 25 minutes long and booked on the hour or half-hour from 8 a.m.-3:30 p.m. each day. Sessions are limited to 30 students per session and are designed for students Preschool-6th grade. The

single session cost is \$45. If you book two or more sessions, the cost is \$40 per session. The FHDC guide will connect through standard Zoom video conferencing software.

The FHDC also has a new on-site exhibit, Run! Jump! Fly! Adventures in Action™. The exhibit invites visitors to step into scenes right out of action-adventure stories and jump into action star training with playful activities that kids and families can do in and around home to build strength, coordination, balance and endurance.

Regular admission rates apply. Admission is \$10 for adults (18-64 years old), \$8 for military, students, educators, or seniors (65+ years old), \$5 for youth (2-17 years old), free for children under two years old and free for FHDC members.

For more information visit [www.flinthillsdiscovery.org/kansasday](http://www.flinthillsdiscovery.org/kansasday), call 785-587-2726 or visit 315 S. 3rd St. in Manhattan.

## 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, JANUARY 12, 2021  
RECEIPTS: 2374 CATTLE  
FOR FULL RESULTS, VISIT OUR WEBSITE:  
[WWW.HOLTONLIVESTOCK.COM](http://WWW.HOLTONLIVESTOCK.COM)

STEERS		HEIFERS	
5 blk str	482@183.50	2 blk hfrs	220@197.50
8 blk rwf str	490@180.50	8 blk hfrs	395@152.50
10 blk bwf str	506@179.00	11 blk hfrs	542@152.50
10 blk bwf str	503@177.00	8 blk red hfrs	530@152.00
8 blk bwf str	518@171.50	5 blk hfrs	443@148.50
12 blk bwf str	515@170.75	10 blk bwf hfrs	502@147.00
16 blk bwf str	577@162.00	11 blk hfrs	495@146.50
12 blk rwf str	562@156.00	9 blk char hfrs	577@142.50
25 blk red str	603@155.00	16 blk red hfrs	495@142.25
16 blk str	592@151.50	13 blk bwf str	583@140.00
25 blk bwf str	626@146.50	17 blk red hfrs	580@140.00
12 blk str	622@146.00	19 blk hfrs	588@137.50
30 blk str	636@145.00	8 mix hfrs	571@137.00
17 blk bwf str	657@142.00	9 blk bwf hfrs	587@137.00
20 blk str	660@139.50	9 blk hfrs	580@137.00
21 blk str	679@138.50	13 blk bwf hfrs	604@134.35
14 blk str	677@138.25	19 blk bwf hfrs	602@134.00
17 blk str	686@137.75	11 blk bwf hfrs	592@133.00
23 blk red str	687@136.75	7 blk bwf hfrs	605@132.00
14 blk str	714@135.00	20 blk bwf hfrs	651@130.00
49 blk str	725@134.75	13 blk hfrs	669@128.00
21 blk bwf str	715@134.00	20 blk hfrs	670@127.75
35 blk str	764@132.75	13 blk red hfrs	643@127.50
20 blk str	759@132.50	34 blk bwf hfrs	670@127.00
34 blk bwf str	749@132.00	11 blk red hfrs	646@126.50
16 blk str	783@130.75	34 blk hfrs	715@126.50
22 blk red str	724@129.75	28 blk red hfrs	683@125.75
34 blk str	822@127.50	15 blk hfrs	660@125.00
17 blk char str	730@125.25	12 blk char hfrs	585@122.50
12 blk bwf str	901@123.00	6 blk gwf hfrs	795@119.75
16 mix str	1013@113.50	8 mix hfrs	836@118.00
18 blk bwf str	1024@111.25	15 blk bwf hfrs	936@112.00

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Danny Deters, Corning, Auctioneer & Field Rep • 785-868-2591  
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EMAIL: [dan@holtonlivestock.com](mailto:dan@holtonlivestock.com)

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### VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.

THURSDAY, JANUARY 21, 2021  
Special Bred Female & Regular Sale Along with  
Diamond Lazy J Bull Sale  
S.T. 12:00 Noon on Bulls; Breds to follow

**Dispersions & Liquidations:**  
374...Ang & blk (60 @ 3 yrs, 46 @ 4 yrs, 73 @ 5 yrs, 42 @ 6 yrs, 64 @ 7 yrs, 59 @ 8-9 yrs, 26 @ 10 yrs) bred char; of 2-23 for 60 days. Sold calves in early Oct- every year ave wt on all calves 640# (2020, 2019, 2018). Handled a foot, 4 wheeler & horse back. Sold in age groups. Hard to compare with any cowherd- one of a kind! Complete dispersion.....  
.....Larry & Carol Wunschel (402-376-4710 or 376-9710)  
220...rd, rwf (137) & blk, bwf (88) (60 @ 5 yrs, 46 @ 6 yrs, 60 @ 7 yrs) bred blk & rd simrn/ Ang; of 4-1 for 60 days. Herd mgmt. include preg and vaccinated each year & opens sold. 2020 str ctrs weighed 525# on Nov 5. Very productive kind. Liquidation of all 5-9 yrs.....  
.....Duck Bar (Kevin Willert 402-322-0817)  
100...Ang & blk (6-10 yrs; 1300-1400#) bred Ang; of 3-15 for 65 days. Home raised, 30 yrs of A.I. inputs, age verified- sorted in age groups.....Bud Stolzenburg Est (Kurt 402-322-1491)  
85...blk & Ang (3 to SM) bred Ang; of 3-1 for 90 days. Complete dispersion, bulk will be young & solid.....Chad & Charlie Corkle (Chad 402-382-8178)  
25...blk (7 hr 1000#; 18 @ 3-5 yrs) bred Ang; of 5-1 for 30 days. Sold in conjunction with bull sale.....Diamond Lazy J (Brent Nollet 402-389-0439)

**Bred Heifers:**  
61...Hereford (53) & bwf (8) (1000-1100#) 28 hd sync & A.I. bred Ang(VDAR Cedar Ridge 1650); of 3-1 for 1 day; Cleaned up Ang; of 3-15 for 30 days. Home raised, ranch condition.....Dwight Logterman (402-389-1165)  
55...blk (12 bwf) (1025-1075#) bred LBW Ang; of 2-12 for 60 days (42 in 1st 21 days; 13 in 40 days).....Gary & Judy Connell (308-530-3146)  
55...blk, blk-x (950-1000#) sync & A.I. bred Ang(Hitchcock & Cross Bow); of 2-25 for 2 days. HR. Cake & range.....Lyle Phillips (308-546-9097)  
57...Ang (1100-1200#) (48) sync & A.I. bred Ang(Future Force); of 3-1 for 2 days. HR, freeze branded (9 hd cf: 3-15) Not topped.....Cork & Janet Worth (402-322-1598)  
40...Ang (1100#) bred LBW Ang; of 3-10 for 30 days. HR.....  
.....Randy & Chris Huddle (Chris 402-389-1658)  
16...Ang & blk (1000-1125#) bred Ang(Windy & Absolute sons); of 4-1 for 30 days.....Hayland Cattle  
12...blk (1000-1100#) bred Ang; of 3-1 for 45 days.....Joe Butler (402-376-4919)  
10...blk & Ang (1000#) bred Ang; of 3-1 for 90 days. Part of a dispersion.....  
.....Chad & Charlie Corkle  
10...blk & Ang (1050-1100#) sync & A.I. bred Ang(Baldrige); of 4-1 for 1 day. Hand picked, top end HR.....Williams & Martin

**Other Bred Females:**  
65...Hereford (3-8 yrs; 1300-1500#) bred Ang; of 3-25 for 60 days. Did not take embryos, good quality call raisers, de-horned, good uddered. Liquidation.....Dwight Logterman (402-389-1165)  
35...Ang (3-8 yrs; mostly sm) bred Hereford; of 3-25 for 60 days. Did not take embryos, have too many blk cow around. Liquidation.....Dwight Logterman  
45...Ang (yg-st; 1300-1400#) bred Ang; of 3-25 for 60 days. HR. Liquidation of 10 yr old cows (25 hd).....Ramm Ranch  
45...blk & Ang (st; 1350-1450#) bred Ang; of 3-15 for 60 days. Jorgensen genes HR.....Dan & Patti Duffy  
100...Ang (st; 1300-1400#) bred Ang; of 3-1 for 60 days. Liquidation of aged cows.....CC Angus Ranch, Dunning  
80...rd (40), blk & char (sm) rd bred char, blk bred blk; of 4-1 for 60 days.....Forrest Stewart  
60...rd Ang & rd (3-5 yrs on 40 hd) bred Hereford; of 5-15 for 60 days. Liquidating late calvers.....Shane Wobig  
39...blk (25) & rd (14) (st; 1400#) bred Ang (Connealy & Raven); of 3-20 for 60 days.....Triangle S

Plus more from Skavdahl (35), Drinkwalter (26), Frauen (30), Burdick (20), Cook (19), Butler (10)

View our special sales online @ [cattleusa.com](http://cattleusa.com)  
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811 N. Main St.  
South Hutchinson, Ks  
[www.centrallivestockks.com](http://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  
Results From January 12<sup>th</sup> Sale:

Steers		Heifers	
300-400#	\$161.00-\$205.00	900-1000#	\$104.00-\$124.00
400-500#	\$161.00-\$187.00		
500-600#	\$132.00-\$174.00	400-500#	\$120.00-\$159.00
600-700#	\$114.00-\$156.50	500-600#	\$108.00-\$155.00
700-800#	\$115.10-\$132.75	600-700#	\$106.00-\$135.00
800-900#	\$115.00-\$130.00	700-800#	\$115.00-\$123.35

Sat., Jan. 16<sup>th</sup> - Hog/Sheep/Goat Sale  
Tues., Jan. 26<sup>th</sup> - Holstein Special  
Tues., Feb. 9<sup>th</sup> - Calf/Yearling Special

## EL DORADO LIVESTOCK AUCTION, INC.

316-320-3212  
Fax: 316-320-7159  
2595 SE Highway 54, P.O. Box 622, EI Dorado, KS 67042

Market Report - Sale Date 1-14-21. 1428 Head.  
300-400 lb. steers, \$150-\$189; heifers, \$163-\$173; 400-500 lb. steers, \$146-\$182; heifers, \$131-\$169; 500-600 lb. steers, \$119-\$178; heifers, \$125-\$155; 600-700 lb. steers, \$111-\$152; heifers, \$107-\$131.50; 700-800 lb. steers, \$101-\$136.50; heifers, \$106-\$127.50; 800-900 lb. steers, \$106-\$129; heifers, \$101-\$120; 900-1,000 lb. steers, \$109-\$128.30; heifers, \$94-\$105.25. **Trend on Calves:** Calves under 600# mostly steady; 600-800#, \$4-\$7 lower. **Trend on Feeder Cattle:** Mostly \$6-\$9 lower straight through on feeders. **Butcher Cows:** high dressing cows \$52.50-\$61; Avg. dressing cows \$40-\$50; low dressing cows \$25-\$38. **Butcher Bulls:** Avg. to high dressing bulls \$46-\$79. **Trend on Cows & Bulls:** \$3-\$5 lower.

Some highlights include:

HEIFERS		STEERS	
3 blk	399@176.00	6 blk	371@189.00
11 mix	434@156.00	16 mix	453@172.00
6 blk	491@155.00	10 blk	478@181.50
13 char	502@146.00	11 mix	561@161.50
12 blk	545@143.50	26 blk	582@158.50
26 blk	562@141.00	6 blk	608@152.00
7 blk	608@131.00	13 blk	677@146.00
11 blk	647@129.50	10 blk	732@136.50
37 mix	705@123.50	61 blk	848@129.00
68 blk	768@127.50	52 blk	909@128.30
12 blk	817@119.60	15 mix	981@120.50
65 mix	891@118.60	52 blk	1015@124.10

REGULAR SALE: JANUARY 21, 2021  
\*\*\*\*\*  
CHECK OUR WEBSITE AS WELL AS FACEBOOK FOR UPDATED LISTINGS!

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](http://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

## 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, January 14th, we had 939 head of cattle with light cattle higher and feeder cattle \$3-\$5 lower but active.

STEERS		HEIFERS	
5 bkbrf	426@186.00	9 bkbrf	768@130.00
2 bwf	445@185.00	12 bkbrf	770@127.50
8 bkLimX	509@165.00	53 mix	810@126.25
11 bkLimX	566@159.00	36 blk	836@125.25
8 bkRd	551@155.00	8 bkbrf	848@124.00
3 blk	582@145.50	29 bkRd	907@121.00
8 bkbrf	592@144.00	13 bkbrf	952@120.00
8 mix	559@143.00		
13 bkbrf	695@134.00	4 bkLimX	418@150.50
11 bkLimX	626@134.00	5 bkRd	451@149.00

**BULLS**  
10 blk 707@132.00 9 blk 537@147.50 7 bkRd 579@127.00  
7 blk 739@131.00 11 bkLimX 522@138.50 8 bkRd 873@107.50  
48 mix 748@131.00 6 blk 573@133.00

Butcher Cows: \$38.00-\$69.50, mostly \$52.00-\$64.00, steady to \$2 higher.  
Butcher Bulls: \$70.00-\$87.00, mostly \$81.00-\$86.00, steady to \$3 higher.  
Cows & bulls selling very active.

BUTCHER COWS		BUTCHER BULLS	
1 blk	1425@69.50	3 blk	1520@59.50
2 bkbrf	1745@68.00	1 blk	2095@87.00
1 blk	1660@66.00	1 blk	1995@87.00
1 blk	1480@65.00	1 wf	1860@86.00
1 blk	1750@64.00	1 blk	2370@86.00
3 wf	1638@62.50	1 blk	1690@85.00
4 bwf	1553@62.00	1 blk	1505@85.00
2 bkbrf	1568@61.00	1 blk	2095@85.00
5 bwf	1462@60.00	1 blk	1840@84.50

EARLY CONSIGNMENTS FOR JAN. 21  
• 65 mostly blk bwf cows, 5-10 yr old heavy Springers, bred to Angus bulls.  
• 115 Fancy blk bwf str & hfrs, H.R., longtime weaned & dbi vac running out, 500-700 lbs.  
• 75 mostly blk str & hfrs, H.R., long time weaned & dbi vac, 700-850 lbs.

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



# Judd Ranch bulls sweep 2021 National Gelbvieh Pen Show, Open Show

Judd Ranch bulls captured four out of four Grand Champion honors in the Gelbvieh division at the 2021 National Gelbvieh/Balancer Pen Show in Oklahoma City, Okla., Jan. 5: Grand Champion Gelbvieh Pen of Three Bulls, Grand Champion Gelbvieh Pen of Five Bulls, Grand Champion Gelbvieh Pen of Three Females and Grand Champion Gelbvieh Pen of Five Females. Judd Ranch also had the Reserve Grand Champion Pen of

Five Balancer Bulls. Two bulls from Judd Ranch's Gelbvieh pens went on to be named Grand Champion Gelbvieh Bull and Reserve Grand Champion Gelbvieh Bull at the 2021 National Gelbvieh/Balancer Show conducted at Cattlemen's Congress, Oklahoma City, Okla., on Jan. 6. "We couldn't be happier with these wins," Dave Judd, Judd Ranch, stated. "The bulls are the bread and butter of our

program—and the females from the Pen Show will go to produce bulls for our program. To have two different judges put Judd Ranch Gelbvieh bulls on top certainly put a smile on our faces." Judd Ranch's winning Pen of Three Gelbvieh bulls were a pen of red, homozygous polled bulls sired by JRI General Patton 213B97ET and just a bit shy of a year of age. The pen posted an average weight of 1,248 lbs. and av-



Judd Ranch, Pomona, took home four out of four Grand Champion banners in at the Gelbvieh Pen Show during the American Gelbvieh Association's National Show, Jan. 5-6, in Oklahoma City. Honors included Grand Champion Champion Pen of Three Gelbvieh Bulls, Grand Champion Pen of Five Gelbvieh Bulls, Grand Champion Pen of Three Gelbvieh Females and Grand Champion Pen of Five Gelbvieh Females. Judd Ranch's Grand Champion Pen of Five bulls was comprised of a set of black, homozygous polled bulls just shy of a year of age. The five posted an average weight per day of age of 3.5 lbs. and had an average scrotal circumference of 41 cm.

erage weight per day of age of 3.68 lbs. Their scrotal circumference ranged from 40.5 cm to 44.0 cm. Judge Kyle Conley, a registered Angus breeder from Sulpher, Okla., pointed out that the bulls "looked great on paper" and had the "foot, bone, natural muscle and scrotal circumference" to work for today's highly selective cowmen.

The Judd Ranch Pen of Five bulls named Grand Champion of the Gelbvieh division were a set of black, homozygous polled bulls just shy of a year of age. The five posted an average weight per day of age of 3.5 lbs. and had an average scrotal circumference of 41 cm. Three in the group were sired by JRI Secret Instinct 254U83, with the other two sired by JRI General Patton 213B97 ET.

"There is a lot of power in this pen," Judge Conley stated. "These bulls are extremely stout, rugged in their design and have impressive scrotal circum-

ferences. They have good quality of feet—and that is so important to cattlemen. This show had quality in every pen, and those showing had tough competition."

Judd Ranch took home the Reserve Grand Champion Balancer Pen of Five banner with a group of black, homozygous polled sons of JRI General Patton, JRI Optimizer 148A24 and JRI Marshall 214X2 that had a pen average weight per day of age of 3.37 lbs. Conley pointed out that the bulls were "tremendous in size and scale," "thick-topped," "good-rooted" and "tremendous in scrotal circumference."

Judd Ranch earned the Grand Champion banners in the Gelbvieh Pen of Three and Gelbvieh Pen of Five Female Show with eight red, polled females packed with Dam of Merit/Distinction power. Judge Conley complimented the January 2020 heifers on their performance data, depth of body, capacity and femininity.

"Two years from now, these females will have bulls selling in our bull sale," Judd stated. "It's a good feeling to have confirmation that these females possess the genotype and phenotype to make positive contributions to the beef industry."

A day after the Gelbvieh Pen Show, JRI Bandito 253H32, a red homozygous polled bull from Judd Ranch's Grand Champion Pen of Three, caught the attention of Judge Shane Werk who designated him Grand Champion Gelbvieh Bull in the 2021 National Gelbvieh/Balancer Show. Sired by JRI General Patton, this stout Feb. 4, 2020, bull had an adjusted birthweight of 84 lbs., an adjusted 205-day weight of 728 lbs., an adjusted 365-weight of 1,377 lbs., a 44 cm scrotal circumference and a 17.81 sq. in. ribeye area.

Judge Werk gave Judd Ranch a double win when he selected Judd Ranch's JRI Southern Comfort 253H3 as Reserve Grand Champion Gelbvieh Bull. Black and polled, Southern Comfort is a Feb. 7, 2020, son of JRI Secret Powers 254C821. His stats include 738 lbs. adjusted 205-day weight, 1,329 lb. adjusted 365-day weight, 44.5 cm scrotal circumference and .31 inch fat thickness.

Southern Comfort — as well as other bulls in the National Pen Show — will be among the 310 bull selling in Judd Ranch's 43rd Gelbvieh, Balancer and Red Angus Bull Sale on Saturday, March 6, at the ranch in Pomona. The sale includes 210 fall-born 17- to 19-month-old bulls and 100 spring-born 13- to 14-month-old bulls: 152 Gelbvieh, 145 Balancer and 13 Red Angus.

### Grass & Grain Weather Report

**Seven Day Forecast**

**WEDNESDAY**  
Partly Cloudy  
High: 50 Low: 29

**THURSDAY**  
Mostly Cloudy  
High: 46 Low: 28

**FRIDAY**  
Cloudy  
High: 46 Low: 24

**SATURDAY**  
Partly Cloudy  
High: 44 Low: 25

**SUNDAY**  
Cloudy  
High: 40 Low: 18

**MONDAY**  
Partly Cloudy  
High: 38 Low: 19

**TUESDAY**  
Sunny  
High: 37 Low: 15

**In-Depth Local Forecast**

Today we will see partly cloudy skies, high of 50°, humidity of 55%. South wind 5 to 10 mph. The record high for today is 69° set in 1997. Expect mostly cloudy skies tonight, overnight low of 29°. West southwest wind 6 mph. The wind chill for tonight could reach 27°.

**Last Week's Almanac**

Date	HI/Lo	Normals	Precip
1/8	38/19	40/16	0.00"
1/9	36/17	40/16	0.00"
1/10	37/25	40/16	0.00"
1/11	50/19	40/16	0.00"
1/12	56/21	40/16	0.00"
1/13	59/23	40/16	0.00"
1/14	49/41	40/16	0.00"

Rainfall: 0.00"  
Normal rainfall: 0.09"  
Departure: -0.09"  
Average temp: 35.7°  
Average normal: 28.0°  
Departure: +7.7°

**Today's Local Outlook**

Location	High/Low
Washington	49/37
Blue Rapids	49/27
Seneca	48/26
Clay Center	49/29
Manhattan	50/29
Wamego	50/29
Ogden	51/29
Junction City	51/30
Abilene	50/29
Council Grove	50/31

**This Week's Sun & Moon Chart**

Day	Sunrise	Sunset	Moonrise	Moonset	Phase
Wednesday	7:41 a.m.	5:34 p.m.	11:56 a.m.	12:18 a.m.	Waxing Crescent
Thursday	7:41 a.m.	5:35 p.m.	12:21 p.m.	1:16 a.m.	Waxing Crescent
Friday	7:40 a.m.	5:36 p.m.	12:49 p.m.	2:14 a.m.	Waxing Crescent
Saturday	7:40 a.m.	5:37 p.m.	1:21 p.m.	3:14 a.m.	Waxing Crescent
Sunday	7:39 a.m.	5:38 p.m.	1:58 p.m.	4:14 a.m.	Waxing Crescent
Monday	7:38 a.m.	5:39 p.m.	2:43 p.m.	5:13 a.m.	Waxing Crescent
Tuesday	7:38 a.m.	5:41 p.m.	3:35 p.m.	6:10 a.m.	Waxing Crescent

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

**Weather History**  
Jan. 20, 1943 - Strange vertical antics took place in the Black Hills of South Dakota. While the temperature at Deadwood was a frigid 16 degrees below zero, the town of Lead, just a mile and a half away, but 600 feet higher in elevation, reported a balmy 52 degree reading.

**Growing Degree Days**

Date	Degree Days	Date	Degree Days
1/8	0	1/12	0
1/9	0	1/13	0
1/10	0	1/14	0
1/11	0		

## GRASS & GRAIN

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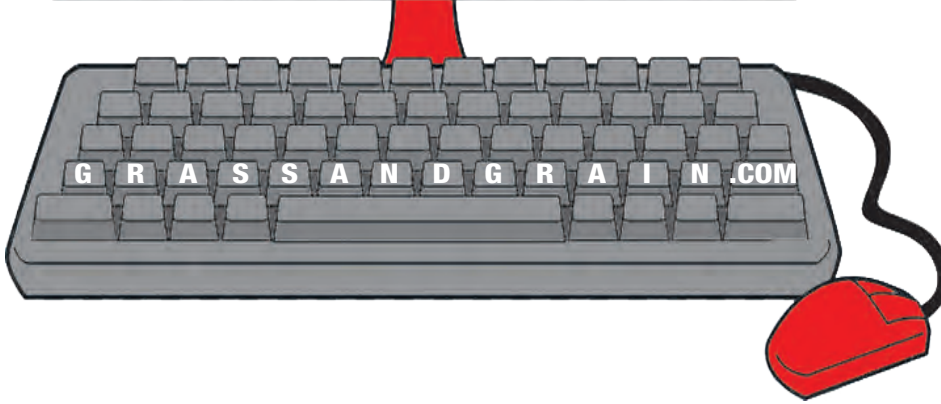
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# Sell At St. Marys

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

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

<p><b>We sold 1963 cattle January 12. There was good demand for steer and heifer calves at steady prices. Feeder steers and heifers were steady to \$3.00 lower. Cows and bulls were steady.</b></p>				<p>4 blk hfrs 370 @ 145.00 3 blk hfrs 465 @ 145.00 19 blk/bwf hfrs 521 @ 144.75 2 blk hfrs 480 @ 143.00 5 blk/red hfrs 426 @ 142.00 3 blk/bwf hfrs 533 @ 142.00 9 blk hfrs 548 @ 140.00 20 blk/bwf hfrs 543 @ 139.50 4 blk/bwf hfrs 529 @ 139.00 2 blk hfrs 523 @ 136.00</p>				<p>3 blk hfrs 847 @ 119.50 9 mix hfrs 993 @ 85.50</p> <p style="text-align: center;"><b>COWS &amp; HEIFERETTES</b></p> <p>1 blk hfrt 835 @ 100.00 1 blk hfrt 930 @ 93.50 1 bwf cow 1025 @ 60.00 2 blk hfrts 890 @ 59.00 1 bwf cow 1495 @ 58.50 2 blk/bwf cows 1765 @ 58.00 1 blk cow 1715 @ 56.50 1 blk cow 1470 @ 56.00 1 blk cow 1625 @ 55.50 1 wf cow 1430 @ 55.00 1 blk cow 1600 @ 54.50 1 bwf cow 1550 @ 54.00 1 blk cow 1255 @ 53.50 1 red cow 1380 @ 53.00 1 blk cow 1315 @ 52.50 1 blk cow 1410 @ 52.00 2 blk/red cows 1568 @ 51.50 1 blk cow 1120 @ 51.00 1 red cow 1010 @ 50.00 1 blk cow 1135 @ 49.50 1 blk cow 1435 @ 49.00 1 blk cow 1250 @ 48.50 1 char cow 1435 @ 48.00 1 red cow 1250 @ 47.50 1 hol cow 1465 @ 45.50 1 blk cow 1260 @ 45.00 1 bwf cow 1570 @ 44.50 1 hol cow 1585 @ 44.00</p>				<p><b>BRED COWS &amp; HEIFERS</b></p> <p>1 blk bull 1950 @ 83.50 1 blk bull 1835 @ 82.00 1 blk bull 2145 @ 80.00 1 blk bull 1620 @ 79.50 1 blk bull 2115 @ 79.00 1 blk bull 2140 @ 78.50 1 blk bull 1675 @ 77.50 1 blk bull 2025 @ 75.00 1 blk bull 1120 @ 70.00</p> <p><b>BULLS</b></p> <p>1 blk bull 2085 @ 86.50</p>			
<p><b>STEER &amp; BULL CALVES</b></p> <p>1 blk str 435 @ 184.00 2 blk/bwf str 393 @ 177.00 1 blk str 415 @ 174.00 5 blk/sim str 479 @ 173.00 6 blk str 522 @ 173.00 13 blk str 493 @ 172.25 4 blk str 480 @ 171.00 12 blk/bwf str 500 @ 170.00 8 blk str/bulls 442 @ 170.00 7 blk/char str 424 @ 169.00 3 blk/bwf str 433 @ 167.00 5 blk bulls 452 @ 166.00 2 blk bulls 305 @ 165.00 4 blk str 530 @ 163.00 5 red char bulls 474 @ 156.00 4 shtn bulls 526 @ 143.00</p>				<p>5 blk/bwf str 761 @ 136.50 7 wf str 679 @ 136.00 13 blk/bwf str 713 @ 136.00 33 blk str 699 @ 135.00 10 blk/bwf str 631 @ 134.00 7 blk str 678 @ 134.00 5 blk str 686 @ 134.00 61 blk/bwf str 774 @ 133.50 62 blk/bwf str 838 @ 133.25 67 blk/bwf str 787 @ 132.50 17 blk/bwf str 847 @ 132.50 62 blk/bwf str 858 @ 132.25 11 blk str 845 @ 132.00 60 mix str 810 @ 131.00 64 blk/bwf str 897 @ 129.25 41 blk/bwf str 902 @ 129.00 62 blk/bwf str 922 @ 128.50 26 blk/red str 652 @ 128.00 60 blk str 942 @ 127.50 123 blk/bwf str 888 @ 126.00 6 blk/bwf str 650 @ 125.00 61 mix str 993 @ 120.00</p>				<p><b>STOCKER &amp; FEEDER HEIFERS</b></p> <p>2 blk/red hfrs 550 @ 141.00 9 blk hfrs 567 @ 138.25 4 blk/bwf hfrs 554 @ 136.00 15 blk hfrs 584 @ 134.00 29 blk hfrs 639 @ 134.00 62 blk/bwf hfrs 692 @ 130.25 27 blk/bwf hfrs 604 @ 130.10 18 blk hfrs 693 @ 129.50 26 blk/char hfrs 763 @ 128.50 31 blk hfrs 620 @ 127.00 4 blk/red hfrs 624 @ 127.00 11 blk/bwf hfrs 593 @ 126.50 65 blk/bwf hfrs 837 @ 126.10 44 blk/red hfrs 766 @ 125.25 4 blk hfrs 726 @ 123.50 13 blk/bwf hfrs 688 @ 122.00 59 blk/red hfrs 803 @ 122.00 14 blk/bwf hfrs 714 @ 121.50 50 blk/bwf hfrs 844 @ 120.00 4 blk/bwf hfrs 823 @ 119.50</p>				<p><b>HEIFER CALVES</b></p> <p>8 blk/char hfrs 423 @ 156.00 6 blk/red hfrs 398 @ 154.00 5 blk hfrs 350 @ 151.00 1 blk hfr 400 @ 150.00 4 bwf hfrs 488 @ 149.00 3 blk/red hfrs 463 @ 147.00 10 blk/red hfrs 507 @ 147.00 4 blk/red hfrs 518 @ 146.00</p>			
<p><b>STOCKER &amp; FEEDER STEERS</b></p> <p>3 blk str 557 @ 160.00 3 blk/bwf str 562 @ 154.00 7 blk/bwf str 591 @ 149.50 7 blk str 566 @ 148.00 4 blk str 601 @ 148.00 29 blk str 628 @ 145.50 8 blk str 646 @ 145.50 34 blk/bwf str 631 @ 144.00 4 blk/red str 618 @ 142.00 6 blk/bwf str 597 @ 141.00 20 blk/char str 742 @ 140.75 28 blk/bwf str 782 @ 137.85 14 blk str 761 @ 137.50</p>				<p><b>WATCH OUR AUCTIONS LIVE ON DVAuctions.com</b></p>											

Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to [www.grassandgrain.com](http://www.grassandgrain.com) & logging onto the online subscription

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