

Recycling pumpkins as livestock feed

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

Leaves are changing color, the air has gotten cooler, and some parts of Kansas have already gotten snow. October has turned into November and depending on the day it may seem like fall is already giving way to winter. With the changing seasons you may be getting ready to discard the pumpkins that had once been used for decorations, carved as jack o' lanterns, or the pumpkins that were left sitting in the garden because they did not quite make the cut to be used as decorations or made into pie.

If you own livestock or poultry you may be wondering if you can feed the pumpkins you are no longer using for decorations or are left over from your garden to them. The answer to your question is, yes, pumpkins can be fed to livestock and chickens. However, if the pumpkins were turned into jack o' lanterns and soaked in bleach, have candle wax on them, or have been painted they cannot be fed to livestock or poultry due to the substances that are on them

being toxic for livestock and poultry to consume. Pumpkin seeds are also safe for livestock to eat, but the seeds can have a bitter taste that is caused by a compound known as cucurbitacin. While the seeds are not poisonous, the bitter taste they have is meant to discourage herbivores from eating them and livestock may choose not eat the seeds because of the bitter taste. There have been discussions about pumpkins being used as dewormer for livestock. However, it has yet to be confirmed by research if pumpkins and/or pumpkin seeds are an effective dewormer. Livestock that are not used to eating pumpkins may be skeptical of eating them at first and if given a whole pumpkin may ignore it or play with the pumpkin at first, before deciding to eat the pumpkin once it is broken open.

For larger livestock that have the ability to break open the pumpkin themselves, the pumpkins can be given to them whole or the pumpkin can be cut into smaller pieces before feeding it to them. If you have livestock that are not able to break open the pumpkin or have trouble

eating the pumpkin, because it is too hard, you can soften the pumpkin by baking it before giving it to them. To bake the pumpkin, preheat the oven to 400 degrees F° and bake it for 30 minutes to an hour, or until the pumpkin becomes soft. Exact baking times will depend on the size of the pumpkin. Baking the pumpkin to soften it will also make it easier for you to cut up. For small livestock, such as sheep and goats, the pumpkin can be cut into pieces before feeding it to them to make it easier for them to eat. The pumpkin will need to be broken open or cut into pieces before feeding it to chickens. If livestock have not eaten pumpkin before, cutting up the pumpkin into small pieces may encourage them to at least try tasting the pumpkin.

Feeding leftover pumpkins is not just a tasty treat for livestock and chickens, and a good way to recycle pumpkins that were used as decorations; pumpkins are also a source of nutrients. Pumpkins are a good source of vitamins A and E as well as folate and fiber. They can also be a supplemental source of protein for livestock. However,

when pumpkins are not a regular part of an animal's diet they should be fed in small amounts at a time to prevent them from upsetting the digestive system of livestock.

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

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Millennials seek unique beef cuts

According to Diana Clark, meat scientist for the Certified Angus Beef brand, millennials are interested in new cuts of beef. In an interview with Drovers, Clark said demand is growing for cuts that offer both taste and visual appeal.

"Millennials have gravitated toward cuts that have the bone in them. 'It's cool because now I can take a picture and show all of my friends,'" Clark said.

She pointed out that processors and butchers are shifting priorities when it comes to how their beef is cut and merchandised. Clark used the ribeye as an example, which is now cut into the ribeye cap and the filet of rib. Cutting the smaller portions can be labor-intensive and more expensive, but in the long run, Clark added, it drives up the overall value of beef.

Additionally, about 40% of consumers say they are unsure if an "environmentally sustainable diet" is the same as a "sustainable diet," according to a survey by the International Food Information Council Foundation (IFIC), while 34% acknowledge that they are not the same.

Two-thirds of the 1,000 consumers think that both animal and plant-based proteins have a place in an environmentally sustainable diet. Around 92% of respondents reported consuming animal-based protein products, while 72% of consumers reported eating plant-based protein sources such as tofu, soymilk, beans and legumes.

The survey also found that over 50% of consumers felt that, in order to eat both an environmentally sustainable and a healthy diet, they should eat either the same amount or more protein from animal-based sources. Consumers also considered proteins sourced from grass-fed animals (40%) and those labeled "locally raised" (32%) as important when considering animal-based protein environmental sustainability, according to the survey.

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

For our sale held Friday, November 15th, stocker feeder steers and heifers were selling at fully steady to stronger prices. Steer calves that were weaned or had their shots were also selling at fully steady to stronger prices with a good demand. Heifer calves and steer calves that were not weaned and no shots were harder to move. Cull cows were selling from steady to \$2 higher on a large offering.

STEER CALVES — 350-550 LBS.

St. George	10 Cross	434@173.50
Frankfort	4 blk	537@169.00
Cttwood Falls	6 blk	458@164.00
Salina	5 Cross	369@161.00
St. George	15 blk	489@161.00
Vermillion	4 blk	530@159.00
Cttwood Falls	4 blk	385@158.00
Sabetha	4 Ang	470@154.00

STEERS — 550-1,000 LBS.

Frankfort	6 blk	569@165.00
Westmoreland	5 blk	599@161.00
Leawood	5 blk	552@159.00
Burns	66 blk	752@158.25
Westmoreland	13 blk	772@156.75
Westmoreland	13 blk	702@156.25
Westmoreland	12 Cross	676@154.75
Manhattan	13 blk	566@154.00
Manhattan	6 blk	694@153.50
Burns	44 blk	776@153.25
Westmoreland	7 Cross	562@152.00
Burns	7 blk	657@148.00

HEIFER CALVES — 425-550 LBS

Valley Falls	13 blk	455@140.50
Manhattan	12 blk	465@138.50
Manhattan	9 blk	533@138.00
Sabetha	7 Ang	449@136.00
Valley Falls	6 bwf	524@135.50
St. George	4 blk	435@134.00
McLouth	4 blk	501@130.00
St. George	5 blk	446@126.00
Onaga	7 blk	537@125.00
Westmoreland	5 Cross	547@124.00
Onaga	4 Cross	543@123.00
Wamego	4 blk	540@122.00
Leawood	4 blk	503@120.00

HEIFERS — 550-925 LBS

Tiburon, CA	72 blk	682@148.25
Westmoreland	15 blk	675@145.256
Tiburon, CA	34 blk	603@143.50
Havensville	9 blk	693@140.50
Westmoreland	4 blk	677@139.50
Westmoreland	6 blk	583@135.00
Wheaton	7 blk	811@133.50

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CATTLE AUCTION EVERY FRIDAY

Tiburon, CA	5 bwf	904@130.50	Alma	1 blk	1480@57.00
Manhattan	4 blk	605@130.00	Wakefield	1 blk	1325@55.00
Marion	10 Cross	594@126.00	St. George	1 blk	1310@53.00
Westmoreland	4 blk	550@124.00	St. George	1 blk	1245@51.00
St. George	12 blk	582@124.00	St. Marys	1 blk	1425@51.00
Vermillion	5 blk	552@123.50	Frankfort	1 Heref	1405@49.50
Vermillion	12 blk	858@123.00	Emmett	1 blk	1030@47.00
Marion	4 blk	678@121.00	Council Grove	1 blk	1195@44.00
COWS & HEIFERETTES — 1,000-1,775 LBS			Goff	1 blk	1215@41.00
Wheaton	1 blk	1090@105.00	Waterville	1 blk	1010@40.00
Manhattan	1 blk	1535@72.00	Manhattan	1 blk	1180@38.00
Manhattan	1 blk	1570@70.50	Alma	1 blk	1225@35.00
Havensville	1 blk	1460@70.00	BULLS — 1,025-2,250 LBS.		
Alma	1 blk	1710@69.50	Leonardville	1 blk	1025@89.00
Alma	1 blk	1465@69.50	Clay Center	1 blk	1940@80.00
Manhattan	1 blk	1580@68.00	Alma	1 blk	2230@76.50
Alma	1 blk	1490@68.00	Emporia	5 blk	1136@70.00
Frankfort	1 blk	1775@67.00	Bremen	1 blk	1470@67.50
Emporia	1 blk	1760@66.00	Leonardville	1 blk	1730@67.00
Hillsboro	1 blk	1430@64.00	Frankfort	1 blk	2090@65.00
Cttwood Falls	1 blk	1785@61.00	BABY CALVES		
Manhattan	1 blk	1345@60.50	Oskaloosa	1 blk	@300.00
Centralia	1 blk	1430@59.50	Alma	1 blk	@260.00
Westmoreland	1 Heref	1270@57.50	St. George	1 blk	@150.00
Alma	1 blk	1360@57.00			

SPECIAL STOCK COW AND BRED HEIFER SALE
WED., NOV. 20 • STARTING 11:00 AM

COMPLETE DISPERSAL OF LEROY FECHNER ESTATE CONSISTING OF:
• 156 home raised blk, bwf and Heref Spring calving cows, 3-8 yrs.
• 30 blk & bwf 1st calf hfrs.
This has been a closed herd for over 70 years. Cows & hfrs bred to Ang & Heref bulls for mid Feb. thru April calves.

1st CALF HEIFER PAIRS

- 100 blk, bwf & Red 1st calf hfrs w/ 30-90 day Angus & SimmAngus calves by side.

PAIRS

- 150 blk, Red, Heref & Red Baldy cows, (70) 3-5 yrs, (80) 6 yrs & older w/ July-Sept. calves by side.

REPLACEMENT HEIFERS

- 13 Simm, SimmAngus replacement hfrs, 650-750 lbs.

BRED COWS

- 280 blk, bwf, Heref, Red Angus & SimmAngus cows, (100) 3-5 yrs, (100) 6-8 yrs, (80) 8 yrs to SS. Bred Balancer, Angus, Heref, Char, Limo & Simm bulls for Feb.-April calving.

BRED 1st CALF HEIFERS

- 40 Heref, Baldy & blk 1st calf hfrs, bred Angus & Angus cross bulls for Feb.-Mar. and April-June calving.

BULLS

- 15 polled Heref, Angus, Red Angus, Simm, Simm Angus bulls, yearling to 2 1/2 years.

FOR A COMPLETE DETAILED LISTING OF OUR SPECIAL STOCK COW & BRED HEIFER SALE, PLEASE VISIT OUR WEBSITE MCCLIVESTOCK.COM

EARLY CONSIGNMENTS FOR NOV. 22

- 22 reputation F1 Cross blk Baldy str & hfrs, 2 rds shots, weaned, 550-650 lbs.
- 45 choice blk & bwf str & hfrs, Spring shots, 550-650 lbs.
- 25 choice Angus str & hfrs, source verified, 2 rds shots, weaned 45 days, 500-550 lbs.
- 17 blk bwf str & hfrs, Spring shots, weaned 30 days, 600-700 lbs.
- 50 choice SimmAngus str & hfrs, 500-600 lbs.
- 14 blk home raised str, weaned 35 days, all shots, 575-600 lbs.
- 40 home raised choice SimmAngus hfrs, 2 rds shots, 800-850 lbs.
- 32 blk & bwf str & hfrs, 2 rds shots, weaned 5 weeks, 350-500 lbs.
- 32 Heref & Red Baldy str & hfrs, weaned 10/13/ 2 rds shots), 500-600 lbs.
- 40 blk & Red Angus str & hfrs, 450-600 lbs.
- 20 SimmAngus str & hfrs, weaned 30 days, 2 rds shots, 500-600 lbs.
- 65 home raised blk str & hfrs, off grass, 2 rds shots, 700-900 lbs.
- 25 blk str & hfrs, 2 rd shots, bunk broke, weaned 6 weeks, 600-700 lbs.
- 25 Hereford and Red Baldy str, weaned Oct. 3rd, three rds shots, 575-650 lbs.
- 35 blk str & hfrs, 1 rd shots, weaned 30 days, 450-650 lbs.

NO SALE FRIDAY, NOVEMBER 29 IN OBSERVANCE OF THANKSGIVING

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Kansas Hay Market Report

Hay market trade was slow to moderate, demand was slow to moderate, and prices remain steady. Much of the harvest has been completed and reports coming in indicate it has been a "good" harvest over all, but nothing exceptional. Hay producers report that there has been a little more interest from buyers and a few more loads moving to the feed yards. Supplies of high-quality hay remain short, but here seems to be plenty of grinder hay. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 230.00-240.00. Dairy 1.00-1.05/point RFV, Supreme 185.00-226.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow 160.00-170.00. Fair/Good grinding alfalfa, 105.00-120.00. Ground and delivered locally to feedlots and dairies, 150.00-160.00. Sudan: large rounds 55.00-65.00. Wheat straw: large rounds 40.00-50.00, large squares 65.00-75.00 delivered. The week of 11/03-11/09, 7,423T of grinding alfalfa and 700T of dairy alfalfa was reported bought/sold. The average paid by feedlots on November 1 for alfalfa ground and delivered was 159.97, down 6.08 from the previous month, usage was 659T/day, up 14% and total usage was 20,429.5T.

South Central Kansas

Dairy alfalfa, steady, alfalfa pellets, ground/delivered steady, grinding alfalfa steady to 5.00 higher; movement slow. Alfalfa: horse, small squares 200.00-210.00. Dairy,

1.00-1.05/point RFV, Supreme 195.00-225.00, Premium 175.00-200.00, Good 165.00-175.00. Stock cow, 130.00-150.00. Fair/Good grinding alfalfa, 95.00-105.00. Ground and delivered locally to feedlots 135.00-145.00; Alfalfa pellets: Sun cured 15 pct protein 200.00-205.00, 17 pct protein 205.00-220.00, Dehydrated 17 pct 300.00-310.00; Teff hay, mid squares 155.00-165.00. Grass Hay: Bluestem, good small squares 7.00-8.00/bale, large rounds 65.00-75.00. Brome, small squares 7.00-8.00/bale, large rounds 100.00-110.00, lesser quality 70.00-80.00. Sudan: large rounds 65.00-75.00 delivered. Oat hay, none reported. Teff: mid to large squares 140.00-160.00. Wheat Straw: small squares 5.50-6.50/bale, large squares 70.00-75.00, large rounds 55.00-65.00. The week of 11/03-11/09, 7,232T of grinding alfalfa and 1,243T of dairy alfalfa was reported bought/sold. The average paid by feedlots on November 1 for alfalfa ground and delivered was 144.33, up 1.33 from the previous month, usage was 254T/day, down 6% and total usage was 7,868T.

Southeast Kansas

Dairy alfalfa grinding alfalfa, ground/delivered, grass hay steady; movement slow. Alfalfa: horse or goat, 230.00-250.00. Dairy 1.00-1.05/point RFV. Stock cow 150.00-160.00. Fair/Good grinding alfalfa, none reported. Ground and delivered, none reported; Grass hay: Bluestem, small squares 130.00-140.00, good, mid to large squares, 100.00-120.00, large rounds 65.00-80.00. Brome, good, small squares 125.00-150.00, mid to large squares 120.00-135.00, large rounds 90.00-100.00, lesser quality 75.00-85.00; Wheat Straw: mid and large squares 60.00-80.00, large rounds 55.00-65.00. The week of 11/03-11/09, 2,264T of grass hay was reported bought/sold.

Northwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: Horse or goat, 205.00-

215.00. Dairy, Premium/Supreme 1.00-1.05/point RFV. Stock cow, fair/good 150.00-160.00. Fair/good grinding alfalfa, 105.00-115.00 with instances at 125.00-140.00. Ground and delivered locally to feedlots and dairies, 125.00-135.00.

North Central-Northeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 9.50-10.50/bale. Dairy 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock Cow, none reported. Fair/good, grinding alfalfa, 110.00-125.00.

Ground and delivered 130.00-160.00. Grass hay: Bluestem, small squares 7.00-8.00/bale delivered, mid to large squares 85.00-95.00, large rounds 75.00-85.00. Brome, small squares 7.50-8.50/bale delivered, mid to large squares 115.00-150.00, large rounds 80.00-95.00; Sudan, large rounds 50.00-60.00. Wheat Straw: small squares 5.00-6.00/bale delivered, large squares 100.00-110.00 delivered, large rounds 60.00-70.00. The week of 11/03-11/09, 609T of grinding alfalfa and 375T of dairy alfalfa was reported bought/sold.

***Prices are dollars per ton and FOB unless otherwise noted.

Dairy alfalfa prices are for mid and large squares unless otherwise noted. Prices are from the most recent sales.

*CWF Certified Weed Free

*RFV calculated using the Wis/Minn formula.

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

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

Panel weighs impact of alternative proteins on global meat demand

The potential impact of alternative proteins on global demand for red meat was the focus of a panel discussion at the USMEF Strategic Planning Conference in Tucson, Ariz.

"Alternative Proteins - Latest Trends, Threats and Opportunities in International Markets" was moderated by USMEF economist Erin Borror and included Jihae Yang, USMEF director in South Korea; Yuri Barutkin, USMEF representative in Europe; and Glynn Tonsor, a professor in the Department of Agricultural Economics at Kansas State University.

Borror explained that panelists were selected to provide perspectives from two very different markets, as red meat consumption is growing rapidly in Korea but trending lower among European consumers. Tonsor was chosen because of his extensive research into the factors driving global meat demand.

"There are a lot of components to this discussion," Tonsor said. "How big is the market for alternative proteins going to be? How are people in various markets going to accept these products? Are they really going to be substitutes for traditional meats? We

have some initial insight on these questions, but no firm answers."

The good news from Tonsor, who maintains demand indices on domestic demand and export demand is for U.S. beef and pork, is that despite ongoing media blitzes for alternative proteins, "The world is not running away from meat. There is strong demand."

He cautioned, however, that a global dilemma is building.

"This world with a growing protein 'pie' is a good thing," Tonsor explained. "In the short term, if you sell protein, which is what livestock producers do, then it's good that the pie is getting bigger. But the economist in me has to point out that there is an economic carrot hanging out there. A bigger protein pie is going to bring in new competitors, and that is what we are seeing."

But Tonsor still anticipates strong growth in U.S. red meat exports.

"And I'm not saying that because I'm standing in front of USMEF - I've said that in other circles. The U.S. has a comparative advantage in producing high-quality beef and pork and the entry of these new alternative products

doesn't change that."

Giving a Korean perspective on alternative proteins, Yang noted that the traditional Korean diet was based on vegetables and rice. Meat consumption began to grow only in the past half-century, when South Korea began lowering barriers for imported beef and pork.

Yang said the target audiences for alternative proteins in Korea include vegetarians, those with religious restrictions and younger generations concerned about animal welfare. But she noted that Korean consumers have long had alternative proteins from which to choose. Periods of high meat prices have led to Korean versions of alternative proteins, mostly based on soy and sesame pulp.

Yang cited the example of Beyond Burger, which has been launched in Korea but has gained little traction because of price. On Korean e-commerce sites, Beyond Burger is priced about 3.5 times higher than U.S. beef.

"Alternative meats are having a difficult time because retailers are not confident in the sales potential," Yang said. "For example, some of these products are labeled as 'no soy,' yet soy has been part of the tradi-

tional Korean diet for 5,000 years,"

The flavor and texture of the products also have not been well-received by most Korean consumers, Yang said.

Barutkin said conclusions about Europeans' attitude toward alternative proteins are extremely difficult to draw because of Europe's vast diversity.

"A good example is my recent trip to Berlin, where I inquired about the attitude of Berliners toward alternative meat," he said. "I was surprised to discover that there is a huge difference between the way alternative meats are being sold in West Berlin versus East Berlin. West Berlin has more of a traditional crowd that prefers conventional food and does not accept alternative meats. But in East Berlin, a dynamic city with more of an international population, alternative meats are very well-accepted. So you can imagine, if we have such a difference between two sides of one city, how huge those differences are between different parts of Europe."

Barutkin explained that in lower-income countries, consumers' sole focus is meeting basic dietary needs. But in more affluent areas, sustainability and environmental concerns tend to be the main drivers behind the success alternative meat products have achieved in Europe. He noted, however, that these issues are more prominent in some than he had anticipated.

"USMEF recently made a U.S. beef roadshow across Europe, and when we went to Stockholm we were well-prepared for questions about animal welfare, sustainability and antibiotic use," Barutkin said. "But I was surprised when we visited Poland and faced many of the same questions."

Barutkin added that presence at major trade shows can often reveal shifts in consumer attitudes, and in that respect alternative meats have certainly made strides in the region. Europe's two largest food shows - SIAL Paris and Anuga (in Cologne, Germany) - are held in alternating years.

"Last year at SIAL, maybe 1% of exhibitors in the meat hall were companies representing alternative meats," he said. "But this year at Anuga about 10% of exhibitors were offering plant-based alternative meat products. So the market has definitely grown over the past year, but whether that growth can be sustained remains to be seen."

2 REAL ESTATE AUCTIONS ★ 1 DAY

SUNDAY, NOVEMBER 24, 2019
 Both Auctions Held ONSITE.

AUCTION #1
40955 Coneflower, Belvue
Time: 1:00 PM
Description: This 4 bedroom, 1 bath home will come with 5± acres and a secluded setting for those wanting to enjoy the peace and quiet of the country. Current owners and tenants have taken great care of the property and it could be a great starter home for someone or continue to be a nice country investment property.




AUCTION #2
305 Ash Street, Wamego
Time: 3:00 PM
Description: Here is a quaint property in Wamego that has served as a nice investment property for the current owners. Its layout is simple and it comes with 1 bedroom and 1 bath.



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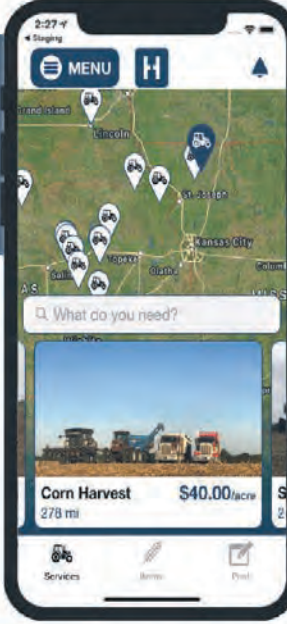
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Tuesday, December 17, 2019 | 10:00 AM

Clarion Inn | 1911 E Kansas Ave | Garden City, KS

The Withers Farm is located in Haskell County, Kansas 25 miles from Garden City, Kansas. The property will be offered in 15 tracts ranging from 1.1 acres to 460 acres m/l via the multi-parcel auction format where tracts can be purchased individually or any combination. The Farm is comprised of 2,898 acres m/l and will sell "Absolute" to the highest bidder. The property consists of 2,813.28 FSA tillable acres m/l that carry an NCCPI of 58. Primary soils include the highly productive Richfield Silt Loam and Ulysses Silt Loam. The Withers Farm has numerous improvements including 556,000 bushels of grain storage, a 4,999 head feedlot and multiple dwellings. The Withers family has built extensive water rights over the years which authorize approximately 2,475 acres m/l to be irrigated through 16 well-maintained pivots. Property is ideally situated between Garden City and Dodge City with quick access to Highway 56 and Highway 83.

For more information, maps, and videos, please visit WithersFarm.com.

Greg Stone: 620.937.8011, Greg@PeoplesCompany.com

Steve Bruere: 515.222.1347, Steve@PeoplesCompany.com



PeoplesCompany.com
Listing #14749

2-DAY AUCTION

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DAY 1: SATURDAY, DECEMBER 7 — 9:00 AM
HUGE TOY AUCTION. We will be selling over 700 toys. All toys all day. Most are farm toys. Many tractors of various makes and styles. There are also many cars, race cars, tractor trailer rigs, cast iron toys, airplanes, large sailing ships and more. Many are NIB.

DAY 2: SUNDAY, DECEMBER 8 — 11:00 AM
WE WILL BE SELLING OVER 125 RIFLES, PISTOLS & SHOTGUNS. There are many old 22 caliber rifles by Winchester, Remington, Stevens & others. Both hex and round barrels. Many nice guns. **Also selling 85 lots of coins. Over 100 silver dollars.**

See next week's Grass & Grain for the large listing & please Go to kretzauctions.com or kansasauctions.net for listing & many pictures for Both Days!

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ABSOLUTE NEMAHA COUNTY, KS
PUBLIC LAND AUCTION 170.02 Acres m/l

SATURDAY, NOVEMBER 30, 2019 — 10:30 AM
Knights of Columbus Hall • 211 Knights of Columbus Dr. SENECA, KANSAS

AUCTIONEER'S NOTE: Absolute Auction. Farm has a combination of good producing bottomland and upland. Possession for 2020 growing season.

Land Location: From the east edge of Seneca, KS take Hwy 63, go 6 miles north to 200th Road, turn east on 200th Road and go 1 1/2 miles east to L4 Road then 1/2 north on L4 Road. Property starts on west side of L4 Road. **Total taxes \$2,947.74**

Legal Description: NW 1/4 Sec 25-1-12 Nemaha Twp, Nemaha County, KS and a Tract in Sec 26-1-12 10.16 acres Beg 396' SE Cor - NE 1/4 TH W 194.11 N 2230 E Nemaha Twp, Nemaha County, KS

General Description: Property has approximately 118.50 acres of tillable land. 11 acres of brome hay ground, balance waterways, river and timberland. Mineral rights stay with farm. Farm has been well maintained and produces good row crop yields.

Base Acres & PLC Yield: **Wheat:** 23.63 BA, 45 PLC; **Corn:** 37.69 BA, 100 PLC; **Sunflowers:** 10.15 BA, 847 PLC; **Soybeans:** 53.53 BA, 38 PLC.

Terms: 10% down auction day with balance due on or before January 2, 2020. Possession upon closing. Current tenant retains 100% ownership of 2019 present row crop. Buyer and seller will equally split title insurance expense. Seller will be responsible for taxes to closing date. Buyer and seller will equally split closing costs of William C. O'Keefe attorney escrow agent 314 Main Street, Seneca, KS.

SELLER: RAYMOND RILINGER TRUST
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Proper cow culling is important to your business

By Glenn Selk, Oklahoma State University

Cull cows represent approximately 20% of the gross income of any commercial cow-calf operation. Cull beef cows represent 10% of the beef that is consumed in the United States. Therefore, ranchers need to make certain that cow culling is done properly and profitably. Selling cull cows when they will return the most income to the rancher requires knowledge about cull cow health and body condition. Proper cow culling will reduce the chance that a cow carcass is condemned at the packing plant and becomes a money drain for the entire beef industry.

Is she good for another year? At cow culling time, producers often face some tough decisions. Optimum culling of the herd seems to require a sharp crystal ball that could see into the future. Will she keep enough body condition through the winter to rebreed next year? How old is the cow? Is her mouth sound so that she can harvest forage and be nutritionally strong enough to reproduce and raise a big calf? At what age do cows usually start to become less productive?

Cull cows represent approximately 20% of the gross income of any commercial cow-calf operation. Cull beef cows represent 10% of the beef that is consumed in the United States.

There is great variability in the longevity of beef cows. Data from large ranches in Florida would indicate that cows are consistent in the rebreeding performance through about eight years of age. A small decline was noted as cows aged from eight years to ten years of age. However the most consistent decline in reproductive performance was noted after cows were ten years of age. A steeper decline in reproductive performance was found as they became twelve years of age. In other words, start to watch for reasons to cull a cow at about age eight. By the time she is ten, look at her very closely and consider culling; as she reaches her twelfth year, plan to cull her before she gets health problems or in very poor body condition.

Other reasons to cull cows

Examine the eye health of the cows. One of the important causes of condemned beef carcasses is still “cancer-eye” cows. Although producers are

doing a much better job in recent years of culling cows before “cancer-eye” takes its toll, every cow manager should watch cows closely for potentially dangerous eye tumors. Watch for small pinkish growths on the upper, lower or corner eye lids. Also notice growths on the eyeball in the region where the dark of the eye meets with the “white” of the eyeball. Small growths in any of these areas are very likely to become cancerous lesions if left unchecked.

Likewise be aware of cows with heavy wart infestations around the eye socket. Many of these become cancerous over time. Culling these cows while the growth is still small will allow the cow carcass to be utilized normally. If, however, cancer engulfs the eyeball and gets into the lymph nodes around the head, the entire carcass will likely be condemned as not fit for human consumption.

Check feet and legs. Beef cows must travel over pastures and fields to consume forages and reach water tanks and ponds. Cows with bad stifle joints, severe foot rot infections or arthritic joints may be subject to substantial carcass trimming when they reach the packing plant. They will be poor producers if allowed to stay on the ranch while severely lame. They may lose body condition, weigh less and be discounted at the livestock market by the packer buyers. Culling them soon after their injury will help reduce the loss of sale price that may be suffered later. If the cow has been treated for infection, be certain to market the cow after the required withdrawal time of the medicine used to treat her infection.

Bad udders should be culled. One criteria that should be examined to cull cows is udder quality. Beef cattle producers are not

as likely to think about udder health and shape as are dairy producers, but this attribute affects cow productivity and should be considered. Oklahoma State University (OSU) studied the effect that bad udders had on cow productivity. They found that cows with one or two dry quarters had calves with severely reduced weaning weights (50-60 pounds) compared to cows with no dry quarters. Plus, cows with a bad udder tend to pass that trait along to daughters that may be kept as replacement heifers.

Two key types of “bad” udders to cull include the large funnel-shaped teats and weak udder suspension. The large funnel-shaped teats may be indicative of a previous case of mastitis and cause the quarter to be incapable of producing milk. In addition, large teats may be difficult for the newborn calf to get its mouth around and receive nourishment and colostrum very early in life.

As some cows age, the ligament that separates the two sides of the udder becomes weakened and allows the entire udder to hang very near to the ground. Again it becomes difficult for the newborn calf to find a teat when the udder hangs too close to the ground. Select against these faults, and over time your cow herd will improve its udder health.

Cull cows when in moderate body condition. Send older cows to market before they become too thin. Generally, severely emaciated cattle have lightly muscled carcasses with extremely small ribeyes and poor red-meat yield. This greatly lessens the salvage value of such animals. Just as importantly, emaciated cattle are most often those which “go down” in transit, as they lack sufficient energy to remain standing


for long periods of time. Severe bruising, excessive carcass trim, increased condemnations, and even death are the net results of emaciation.

Very thin cows have a low dressing percentage (weight of the carcass divided by the live weight). Because of these factors, cow buyers will pay less per pound for very thin, shelly, cull cows. In addition, thin cows will weigh less. As you combine these two factors (weight and price per pound), thin cull cows return many fewer dollars at sale time than if the cow were sold when in moderate body condition.

If they are already too thin, a short (45 to 60 days) time in a dry-lot with a high-quality feed will put condition back on the cows very efficiently. There is no need to put excess flesh or fat on cows. They become less efficient at converting feed to body weight after about 60 days, and the market will not pay for excessive fatness on cows.

Cull any really wild cattle. They are hard on you and your equipment, and they raise wild calves. Wild calves are poor performers in the feedlot and are more prone to producing dark-cutting carcasses as they reach the packing plant. “Dark cutters” are discounted severely when priced on the rail.

Cull open cows. Why feed a cow all winter that will not have a calf next spring? Call your veterinarian, schedule a time for pregnancy-checking, and find which cows have not bred back. Cull them while they are in good body condition after summer pasture and before you spend \$200 or more on the winter feed bill.



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KCA hosts 21st annual convention and trade show

The 21st annual Kansas Cattlemen’s Association (KCA) convention & trade show took place October 25th and 26th, 2019 at the Meridian Center in Newton. KCA brought together experts from around the country to share the most up-to-date information and education in the cattle industry. The convention kicked off with a well-attended Policy Review Session where members came together to go over and recommend changes to expiring and existing policies as well as introduce new resolutions.

Newton mayor Kathy Valentine welcomed everyone to the convention and shared all the City of Newton has to offer while visiting. Dr. Dan Thomson then opened the seminars with the latest information on herd health and management. Rounding out Friday was the KCA Annual Membership Business Meeting followed by the Cattlemen’s Supper and entertainment provided by the Newton High School Orchestral Quartet.

Saturday’s schedule opened with Executive Intelligence Review correspondent and KCA contributor Bob Baker. His presentation, “Beef Up! America!” explored financial and political forces that have steered U.S. agriculture into the hands of global mega-monopolistic forces that are destroying the historic institution called the American family farm. Following, Production Animal Consultation’s Dr. Jacob Hagenmaier then led an interactive and informative discussion on Bovine Respiratory Disease. His presentation provided updates on BRD in the cattle industry and the latest on isolation concepts and medication therapies available.

Rounding out Saturday morning’s session was Jodie Pitcock and his team from USDA-AMS. Several questions centering around mandatory and voluntary price reporting were brought by attendees during the Live Slaughter Cattle prices and the Role Livestock, Poultry and Grains Market News Plays in the Market presentation.

Following lunch, Marcia Merry Baker of LaRouche Publishing provided some insight into climate change with her presentation “The Green New Fraud & Big Money’s Role in the Climate Change Phenomenon.” She encouraged agriculturalists to arm themselves against activism from conspiracy climate change. A staple of KCA’s annual convention, Schwieterman Inc., presented the Annual Cattle Market Update.

Dusty Turner of MasterHand Milling introduced his innovative approach to manufacturing dried distillers grain feed products. MasterHand Milling uses unique extrusion machines to compress dried distiller’s grains into consistent, compact cubes and pellets that offer a superior standard of protein and energy.

Wrapping up the convention Saturday was K-State’s Meat Science professor, Dr. Michael Chao. During his presentation on Discovering Lab-Grown Meat, Dr. Chao explored the origins, status, and intent of the lab-grown meat industry. Guests learned the capabilities of these companies, how they compare with other alternative proteins, and enjoyed a better understanding of how this will affect cattle production in the years that follow.

Members and guests then successfully raised generous funds during the annual KCA Social and Benefit Auction. The annual convention wrapped up with the much-anticipated KCA Annual Banquet with keynote speaker and industry expert Corbitt Wall.

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SELL HOGS 1ST & 3RD
WEDNESDAY OF EVERY MONTH
11/13/19 SALE RESULTS



COWS & HEIFERETTES		Council Grove, 1 blk	1690@67.00	Lincolnville, 6 blk	667@143.00
Ramona, 1 red	1045@91.00	Hope, 1 blk	1500@66.50	Abilene, 11 red	798@141.75
Ramona, 1 red	960@91.00	Lincolnville, 1 blk	1575@66.00	Abilene, 6 mix	669@141.75
Ramona, 1 red	1005@90.00	Council Grove, 1 blk	1605@66.00	Hope, 4 mix	855@141.00
Herington, 1 bwf	1145@83.00	Ramona, 1 red	1220@65.50	Herington, 4 red	725@130.00
Ramona, 1 red	1110@76.00	Strong City, 1 bmf	1580@65.50	BRED COWS	
Lincolnville, 1 blk	1515@72.00	Ramona, 1 red	1490@64.50	Marion, 2yr 5mo bred	1335@1000.00
Ramona, 1 red	1280@71.00	Hope, 1 rwf	1435@64.50	Marion, 5yr 6mo bred	1685@980.00
Ramona, 1 red	1500@70.50	Council Grove, 1 bwf	1740@64.00	Herington, 7yr 5mo bred	1460@960.00
Marion, 1 blk	1675@70.50	Lincolnville, 1 bwf	1450@63.00	Herington, older 5mo bred	1450@950.00
Marion, 1 blk	1575@70.50	Lincolnville, 1 bmf	1500@62.50	Herington, older 6mo bred	1425@870.00
Lincolnville, 1 yellow	1875@70.50	Ramona, 1 red	1285@60.00	Herington, 5yr 5mo bred	1120@850.00
Ramona, 1 red	1270@70.00	White City, 1 blk	1395@60.00	Herington, older 6mo bred	1360@700.00
Ramona, 1 red	1530@70.00	Durham, 1 blk	1480@60.00	Herington, older 5mo bred	1315@700.00
Ramona, 1 red	1185@70.00	Council Grove, 1 blk	1430@60.00	HEIFERS	
Ramona, 1 red	1215@70.00	Strong City, 1 blk	1865@59.50	Florence, 13 blk	728@131.00
Durham, 1 blk	1695@70.00	Hope, 1 blk	1345@59.00	Marion, 3 mix	740@130.00
Hope, 1 bwf	1610@69.50	BULLS		Lincolnville, 6 blk	795@130.00
Hope, 1 red	1560@69.50	White City, 3 blk	885@102.50	Council Grove, 4 blk	783@130.00
Ramona, 1 red	1525@69.00	White City, 1 blk	1975@80.00	Abilene, 8 rd/blk	702@130.00
Durham, 1 red	1680@69.00	Peabody, 1 blk	2280@77.00	Hope, 3 blk	828@125.00
Council Grove, 1 blk	1555@69.00	White City, 1 rwf	2210@72.00	Marion, 9 mix	904@120.00
Council Grove, 1 rwf	1570@68.00	STEERS			
Hett, 1 rwf	1535@67.50	Burdick, 61 blk	868@149.25		

CONSIGNMENTS FOR NOVEMBER 20

- 55 black str & hfrs, homeraised, long weaned, shots, 500-700 lbs.
- 40 black str & hfrs, homeraised, 30 days weaned, 2 rds shots, 500-700 lbs.
- 120 mostly black steers, 900 lbs.
- 60 mostly black steers, 875-900 lbs.
- 60 black steers, 875 lbs.
- 62 mostly black steers, 850-875 lbs.

MORE CATTLE BY SALE TIME

NO SALE WEDNESDAY, NOVEMBER 27 • Happy Thanksgiving

NEXT FALL CALF SALE: DECEMBER 4TH

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BUSINESS LIQUIDATION AUCTION

MONDAY, DECEMBER 2 & TUESDAY, DECEMBER 3, 2019
MONDAY START TIME 9:00 AM (East Building)

TUESDAY START TIME 10:00 AM (West Building) * Vehicles & Trailers* Sell @ Noon
* ALL ITEMS WILL BE SOLD AT TOPEKA BUT SOME VEHICLES & TRAILERS WILL REMAIN IN MANHATTAN AND BE SOLD VIA VIDEO. CONTACT BILL FOR VIEWING INFORMATION ON ANY OF THE ROLLING STOCK. INFORMATION SALE DAY WILL TAKE PRECEDENCE OVER WRITTEN MATERIALS. INFORMATION IS STILL BEING COLLECTED ON SOME VEHICLES.

AUCTION LOCATION: 200 SW Jackson — TOPEKA, KANSAS
****SEE WEBSITE FOR PICTURES AND FULL SALE BILL****



BOTH DAY ITEMS
(Some on each day)

Moving dollies; appliance dollies; “J” bars, pallet jacks; yard tools; moving ramps (various kinds); pallet racking (various sizes); moving carts (various kinds); pallets; moving boxes; moving blankets; ladders; moving supplies and pallet racking (large quantities).

MONDAY, DEC. 2 ONLY

Shop & Tool Items; Yard & Garden; Heavy Equipment & Motorcycles; Collectibles; Electrical, HVAC & Building Supplies; Misc.



TUESDAY, DEC. 3 ONLY

VEHICLES & TRAILERS
Kentucky moving trailers (15 different trailers of various years-45'-53'); Dorsey 48' moving trailer; 1995 Ford E350 Box Truck; 1997 Dodge D250 Van; 2000 Peterbilt semi; 1988 Kenworth semi; 1994 In-



ternational Semi; 1992 GMC Top Kick box truck; 1993 International 4700 Box Truck; 1995 Ford E350 box truck (2) 1988 International semi

Heavy Equipment; Furniture, Household & Appliances; Shop & Tools; Electrical, HVAC & Building Materials; Misc.

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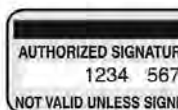
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2019 overall U.S. pork exports now in positive territory

U.S. pork exports demonstrated strong performance year-to-date through August increasing 22% from a year ago to 221,586 metric tons. Additionally, the value of U.S. pork exports climbed 19% to \$588.8 million. These results push January-August export volume 4% ahead of last year’s pace at 1.7 million metric tons (MT), while value increased 1% to \$4.35 billion. Here are a few specific highlights:

Despite China’s retaliatory duties, China/Hong Kong was the largest destination for U.S. pork in August at 63,656 MT, more than tripling the August 2018 volume. Additionally, export value climbed 160% to \$137.6 million. For January through August, exports to China/Hong Kong were up 38% in volume (356,322 MT) and 17% in value (\$717.9 million).

Since Mexico removed its 20% retaliatory duty on U.S. pork in late May, exports have rebounded significantly but still trail the record-large numbers posted in 2017. August exports to Mexico were down 1% year-over-year in volume (61,365 MT), but value increased 18% to \$121.1 million. A slow start to the year still weighs on January-August exports to Mexico, which were down 11% from a year ago in both volume (473,309 MT) and value (\$821.8 million).

Pork export value averaged \$54.18 per head slaughtered in August, up 22% from a year ago. January-August exports account for 26.4% of total pork production and 23% for muscle cuts, both up slightly year-over-year.

Bioplastics startup mobius wins \$500,000 in seed funding at agtech pitch competition

mobius pbc, an early-stage company that creates waste-based biodegradable polymers to promote sustainable agriculture, won the grand prize of a \$500,000 equity investment at Western Growers’ 2019 AgSharks® Competition. The pitch competition is one of the agricultural industry’s most popular and coveted events for companies developing key technological innovations for agriculture. The funding was awarded by S2G Ventures (Seed 2 Growth).

“Improving and maintaining the sustainability of our food system is critical for the future of agriculture and requires innovations focused on everything from the 260 billion tons of unavoidable organic food waste produced each year to the half-million tons of single-use plastics used on the farm for things such as mulch film and seed coatings,” said Tony Bova, CEO & co-founder of mobius. “At mobius, we’re incredibly excited to have S2G and Western Growers as part-

ners, helping us develop technologies to convert that unavoidable organic waste into much-needed products like waste-based fertilizers, biodegradable seed and fertilizer coatings, and biodegradable mulch films and nursery containers. The direct connection with the front lines of the food system sustainability challenge – our growers – will be invaluable as we push for a circular economy in agriculture and pursue our mission to create a world where ‘There’s Wonder in Waste.’”

AgSharks, which launched in 2017 to help budding agtech startups bring their inventions from development to market, was the first agtech event to offer real-time investment opportunities in front of a live audience. During this year’s competition, mobius faced off against four other companies that are also building new technologies to solve agriculture’s most pressing issues – everything from labor availability and water scarcity to

food safety and compliance costs.

“As agriculture faces an intensification of regulatory pressures and a growing scarcity of resources – shortage of skilled labor, exhaustion of land and depletion of water – farmers are increasingly turning to innovation and technology to remain viable,” said Western Growers president/CEO Tom Nassif. “We are encouraged by talented agtech entrepreneurs, such as those at mobius, that are inventing solutions to help farmers accomplish their noble goal of feeding the world. mobius’ promising technology will play a role in sustaining agriculture, as well as aiding the industry in taking a great leap forward in food production.”

mobius is building a future where food, forestry and agricultural waste streams are upcycled into valuable chemical and material building blocks. Its first product is a proprietary, biodegradable polymer made from lignin, a natural material found in

all grasses and trees that is produced as waste at a rate of over 50 million tons each year by the paper and biofuel industries. With this biopolymer, mobius is creating bio-based, biodegradable plastic pellets for applications in agriculture, foodservice packaging, horticulture and beyond. The applications for these products include thermoplastic materials for plantable horticultural and nursery containers and plastic mulch films; matrix materials for controlled-release fertilizers; and in the future, potential seed coating materials.

The company, along with its competitors, pitched seven expert judges who evaluated each company on the strength of its solution and potential to scale, among other assessment categories. The panel of judges – which was comprised of leaders in the investment, agriculture and tech industries – provided feedback to the companies, and after deliberation and receiving input from the au-

dience, they offered mobius the top prize.

“Western Growers, through the AgSharks competition, continues to lead the industry in supporting entrepreneurs that are building solutions for the best growers in the world,” said Chuck Templeton, managing director at S2G Ventures. “Combining our investment in mobius with WG’s market knowledge and access, we can more rapidly deliver on building a healthy and sustainable food system.”

Templeton was on the judges panel, which also included Neill Callis, general manager at Turlock Fruit Company Inc.; Audre Kapacinskas, vice president at S2G Ventures; Frank Maconachy, president and CEO at Ramsay Highlander, Inc.; Aidan Mouat, CEO and co-founder at Hazel Technologies; Craig Reade, partner at Bonipak Produce; and Matthew Walker, managing director at S2G Ventures.

Cattlemen gather in Reno for 2019 Angus Convention

More than 1,700 attendees made the 2019 Angus Convention an overwhelming success Nov. 2-4 in Reno, Nevada. The American Angus Association® met its goal of providing top-notch education, networking and entertainment to those who made the trip west.

During the opening general session on Saturday, Nov. 2, Association CEO Mark McCully reflected on the past success of the Business Breed and provided a positive outlook on the year ahead for Angus producers and their commercial customers. McCully gave attendees from all segments of the cattle industry a front-row seat to the interworkings of the Association, extending the reach of the Angus family across the nation.

“While this was the first time the Angus Convention has ever traveled west, we knew the region is home to cattle operations of every size and production type,” McCully said. “The Association had an important goal of increasing the connection between our western members and their commercial bull-buying customers. By providing unmatched educational opportunities and an expansive trade show with plenty of time for networking, I believe we did just that.”

Angus Convention kicked off on Friday, Nov. 1 with the National Angus Tour, hosted by Bently Ranch and sponsored by the California Angus Association. Close to 400 attendees visited the unique operation just south of Reno, located in Minden, Neva-

da. Tour participants spent the day learning about the multifaceted Bently Ranch, which has vertically integrated their commercial Angus operation, farming and distillery, all in one location.

Friday evening, the new Angus Convention Kick-Off Party celebrating the Angus Foundation honored generous donors and a year of advancements made by the Foundation. Kyle Shobe and the Walk ’em Boys entertained the crowd of more than 400 guests. A live auction of five lots, ranging from hunting and fishing trips to video packages, brought in more than \$33,500 unrestricted funds for the Angus Foundation.

“We introduced a new format to our Friday evening event, and we are so happy with the outcome,” said Rod Schoenbine, Angus Foundation director of development. “The opportunity to raise funds through a live auction, to showcase touching video tributes, and to enjoy live music and great food delivered a fun evening for all who attended.”

With producer education as the main focus, attendees had the opportunity to learn from some of the best in the business when it comes to genetics, cattle handling, herd management and more. The Angus Genomics Symposium sponsored by Neogen GeneSeek pushed producers to think outside of the box. Keynote addresses by innovator and former CEO of Travelocity Terry Jones and Brad Hine of the Commonwealth Scientific and Industrial Research Organ-

isation (CSIRO), provided attendees with a roadmap to digital disruption and an update on a cattle immune function expected progeny difference (EPD). Stuart Bauck, vice president of agrigenomics for Neogen, unveiled new Angus GSSM content to be released in the coming months.

In addition, an in-trade show Learning Lounge was added to provide even more education in quick, 30-minute time frames. Attendees were able to stop into the Learning Lounge during trade show hours to catch up on the latest advancements made by sponsors and Association staff.

The 2019 Convention was truly a well-rounded educational experience. Angus University speakers included Beck Weathers, Mt. Everest survivor, and Joel Cowley, CEO of the Houston Livestock Show and Rodeo™. They inspired convention-goers with stories of history and perseverance. The Sunday afternoon Angus University workshops, sponsored by Zoetis, covered everything from bull development to the relationship of maternal function and carcass merit, and more.

To add to the excitement, more than 800 attendees entered to win a Priefert and Tru-Test by Datamars Complete Cattle Handling System, a John Deere XUV835M HVAC Gator™ Crossover Utility Vehicle and a Bridgeview Manufacturing Bale King 5300. Steve Gilje of Rollete, North Dakota, took home the Complete Cattle Handling System, valued at \$33,000. Taylorsville, Ken-

tucky native Anne Patton Schubert was the lucky winner of the John Deere Gator, a \$22,000 piece of equipment. Sarah Thomas took the Bridgeview Manufacturing Bale King 5300 back to Homedale, Idaho.

The second annual Certified Angus Beef® brand judging contest results were announced, and winners of the three divisions took home a hat from Greeley Hat Works, a \$650 value. Colter Pohlman of Texas took home high honors in the junior division and Kallie Knott of Indiana won the young adult division. Minnesota native Karen Mitteness won the adult division and was named overall champion. Following the giveaway drawing, Lubbock, Texas’ own Flatland Cavalry entertained the crowd with their “easy on the ears, heavy on the heart” Texas country music.

Finally, the highly anticipated Awards Recognition Breakfast highlighted some of the Association’s best and brightest. Award winners are:

- American Angus Auxiliary 2019 retiring president: Cindy Ahearn, Texas
- ROV Show Heifer of the Year: T/R NFF Princess E307, Kayden Nowatzke, Michigan City, Indiana
- ROV Show Bull of the Year: C&C Intuition 7104, Ryan Callahan, Edmond, Oklahoma; Express Ranches, Yukon, Oklahoma; Cross Creek Farms Inc, Brimfield, Illinois
- ROV Breeder of the Year: Express Ranches, Oklahoma
- Century Awards: Spring Cove Ranch,

Idaho and Purath Angus Farm, Minnesota

· Heritage Angus Foundation Inductees: Jarold Callahan, Oklahoma; Jere and Charles Cannon, Kentucky; Jim Bradford, Iowa; Posthumously, Paul St. Blanc, Louisiana

· NJAA Angus Ambassador: Maddie Fugate, Illinois

· Miss American Angus: Eva Hinrichsen, Kansas

To complete the Angus Convention was the 136th Annual Convention of Delegates. Nearly 300 delegates came together to elect five directors and vote on Association business.

· Association Board of Directors elected:

· Richard Dyar, Alabama

· Dave Hinman, Montana

· Alan Miller, Illinois

· Jonathan Perry, Tennessee

· Barry Pollard, Oklahoma

· President and chairman of the board: Don Schiefelbein, Minnesota

· Vice president and vice chairman of the board: David Dal Porto, California

· Treasurer: Jerry Connealy, Nebraska

Mark your calendars for the 2020 Angus Convention, Nov. 7-9, in Kansas City, Missouri. Proudly themed “Decades of Angus,” the 2020 Angus Convention is set to bring even more education, networking and entertainment to producers in attendance. Registration and lodging reservations open July 1, 2020. For news and more information about this year’s Convention, visit AngusConvention.com.

Heuermann Lecture to focus on advancing agriculture, protecting ecosystems

Agricultural production must increase more than 70% by 2050 to meet the global demand for food,

fuel, feed and fiber. Meeting this goal will require far-reaching growth in agriculture, more efficient use

of marginal lands and new methods to deal with extreme weather, soil degradation and biological inva-

sions. Strategies for achieving these advances while preserving Nebraska’s healthy agricultural ecosystems will be the topic of a panel discussion during the first Heuermann Lecture of the season Nov. 25.

Panelists will include Craig Allen, professor in the School of Natural Resources and director of the Center for Resilience in Working Agricultural Landscapes; Andrea Basche, assistant professor in the Department of Agronomy and Horticulture; and Michael Forsberg, co-founder of the Platte Basin Timelapse Project and assistant professor of practice in the Department of Agricultural Leadership, Education and Communication. The panel will be moderated by Martha Mamo, head of

the Department of Agronomy and Horticulture, and John Carrol, director of the School of Natural Resources.

The panel discussion, sponsored by the University of Nebraska-Lincoln’s Institute of Agriculture and Natural Resources, will be at 3:30 p.m. at the Nebraska Innovation Campus Conference Center, 2021 Transformation Drive. It will be followed by a showing of the documentary film “Follow the Water.” Dinner is included to those staying for the showing. The event is free and open to the public.

The film tells the story of connections between the environment and people, and a river that shaped the land. Forsberg, a conservation photographer, and Pete Stegen, a filmmaker,

journeyed for 55 days through the watershed by bike, foot and canoe, gathering footage with their smartphones. A panel discussion will follow the viewing so the audience can explore the themes of the film with Forsberg and his team.

Heuermann Lectures are funded by a gift from B. Keith and Norma Heuermann of Phillips. The Heuermanns are longtime university supporters with a strong commitment to Nebraska’s production agriculture, natural resources, rural areas and people.

Lectures are streamed live at <https://heuermannlectures.unl.edu> and air live on campus channel 4. Lectures are archived after the event and are later broadcast on NET2.

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No. 1 milk company declares bankruptcy

AP – Got milk? Increasingly, Americans don't, and that led the nation's biggest milk producer to file for bankruptcy.

Dean Foods blamed a decades-long drop in milk consumption that has seen people turn to alternatives like soda, juice and almond milk.

The Dallas company said it may sell itself to the Dairy Farmers of America, a marketing cooperative owned by thousands of farmers.

"Despite our best efforts to make our business more agile and cost-efficient, we continue to be impacted by a challenging operating environment marked by continuing declines in con-

sumer milk consumption," CEO Eric Berigause said in a statement.

Since 1975, the amount of liquid milk consumed per capita in the U.S. has tumbled more than 40%. Americans drank around 24 gallons a year in 1996, according to government data. That dropped to 17 gallons in 2018.

An increasing variety of beverages, including teas and sodas, has hurt milk consumption. So have protein bars, yogurts and other on-the-go breakfasts, which take the place of a morning bowl of cereal.

More recently, health and animal-welfare concerns have also contributed, as more shoppers seek out

non-dairy alternatives.

Oat milk, for example, saw U.S. sales rise 636% to more than \$52 million over the past year, according to Nielsen data. Sales of cow's milk dropped 2.4% in that same time frame.

Not all dairy products have been affected. U.S. butter and cheese consumption is up since 1996, for example.

"We're eating our dairy, not drinking it," said Mark Stephenson, director of dairy policy analysis at the University of Wisconsin-Madison.

The downturn has had an outsize effect on Dean Foods, which derived 67% of its sales from fluid milk last year, according to its annual report. The company has lost money in eight of its last ten quarters and posted declining sales in seven of the last eight.

Dean employs 16,000 people and operates 60 processing facilities across the country. On any given day, it is running 8,000 refrigerated delivery trucks on U.S. roads.

It supplies milk for its own brands, like Dairy Pure, Meadow Gold and TruMoo, as well as store brands. One big blow came last year, when Walmart opened its own milk processing plant in Indiana.

Dean said it will continue operating normally while it puts its finances in order under Chapter 11 bankruptcy. It has lined up about \$850 million in financing from lenders.

The bankruptcy filing comes at a difficult time for dairy farmers, who were already struggling with low prices because of oversupply.

Linda Ceylor and her husband, Gerald, operate

an organic farm near Catawba, Wisconsin, where they milk fewer than 50 cows and raise heifers.

Ceylor said Dean Foods' woes mirror what smaller producers are facing. She said the most hurtful part is watching young people go out of business, including three neighbors in their 30s.

"All they ever wanted to do is milk cows, and all three of them said they can't do it any more," Ceylor said. "That's like watching your grandchildren go through a massive problem you can't do anything about. There's really no other choice for them to make."

Darin Von Ruden, president of the Wisconsin Farmers Union, said he is concerned about Dean Foods selling itself to Dairy Farmers of America.

"That's two of the five biggest companies in the country, and when you start looking at that kind of consolidation, is that good for producers? The answer is probably no," said Von Ruden, who is selling his dairy operation to his son.

Dean is already a product of consolidation. It was bought by Suiza Foods Corp. in 2001. The new, larger company assumed the Dean name and bought several other milk producers.

Stephenson said that left Dean with a large number of aging facilities. At the same time, it sold off some non-dairy brands, like To-fuTown, becoming less diversified.

Stephenson said Dean was also slow to innovate. He cited growing sales of Fairlife milk, a Coca-Cola Co. brand that is lower in lactose and higher in protein.

USDA announces next round of MFP payments

USDA Secretary Sonny Perdue has announced the latest round of Market Facilitation Payments (MFP) to help farmers and ranchers deal with the continued impacts of ongoing trade disruptions and non-tariff barriers to exports.

"I applaud President Trump and Secretary Perdue for their continued commitment to supporting our farmers and ranchers," U.S. Rep. Roger Marshall, M.D. said. "This and all previous MFP payments are only band-aids for a deeper wound. I know our farmers and ranchers continue to struggle, but President Trump has already shown his commitment to opening new markets, and I am optimistic additional markets will continue to be opened for Kansas products."

Kansas farmers have benefited from previous trade aid payments and producers have until Dec. 6 to sign up for the program.

Last month, China and the U.S. announced a tentative agreement on phase one of a bilateral trade agreement that will directly benefit Kansas producers. Work continues on the agreement with additional details expected soon. Additionally, President Trump and Japanese Prime Minister Shinzo Abe signed a trade deal in September, resulting in an additional \$7.2 billion in agriculture goods sold to Japan.

Marshall continues to advocate for the signing of additional trade deals, including agreements with Canada and Mexico under the USMCA, the EU and other Southeast Asian markets.

While a definitive timeline for payments has not been set, Perdue was hopeful to have checks to producers by the end of November or early December.

This is the second year of MFP payments. Since the program was started in 2018, it has issued about \$8.59 billion in payments to producers.

Learn more about the program at: <https://www.farmers.gov/manage/mfp>

American poultry farmers regain access to China

United States Trade Representative Robert Lighthizer and U.S. Secretary of Agriculture Sonny Perdue released the following statement on China's decision to lift its ban on poultry imports from the United States:

"The United States welcomes China's decision to finally lift its unwarranted ban on U.S. poultry and poultry products. This is great news for both America's farmers and China's consumers," said Lighthizer. "China is an important export market for America's poultry farmers, and we estimate they will now be able to export more than \$1 billion worth of poultry and poultry products each year to China. Reopening China to U.S. poultry will create new export opportunities for our poultry farmers and support thousands of workers employed by the U.S. poultry industry."

Perdue said, "After being shut out of the market for years, U.S. poultry producers and exporters welcome the reopening of China's market to their products. America's producers are the most productive in the world and it is critical they be able to sell their bounty to consumers in other parts of the globe. We will continue our work to expand market access in important markets like China as well as other countries, to support our producers and U.S. jobs."

China has banned all U.S. poultry since January 2015 due to an avian influenza outbreak in December 2014, even though the United States has been free of this disease since August 2017. The United States exported over \$500 million worth of poultry products to China in 2013.

The United States is the world's second largest poultry exporter, with global exports of poultry meat and products of \$4.3 billion last year.



New Generation Supplements

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.



SMARTLIG SUPPLEMENTS

CALL KEY FEEDS TODAY
1-800-432-7423 OFFICE
Clay Center, Kansas 67432
Byron Thoreson: 785-630-0161
Rod Bohn: 785-630-0846

TIPTON LOCATION: Tim Wiles: 785-630-1049
MINNEAPOLIS LOCATION: James Carr: 785-630-0491

JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from November 13, 2019

STEERS		
9	591	168.00
4	511	160.00
16	757	149.50
10	646	144.00
6	783	141.00
12	883	140.50
4	825	140.00

HEIFERS		
8	552	146.00
69	751	142.00
5	626	130.00
26	827	128.00
5	723	122.00

TOP BUTCHER COW:
\$69.00 @ 1,775 lbs.

TOP BUTCHER BULL:
\$78.00 @ 2,180 lbs.

BRED COWS: \$775-\$1,200

PAIRS FROM: \$900-\$1,475

CONSIGNMENTS FOR WED., NOVEMBER 20
100 AngX steers & heifers, 600-700 lbs., Pre-Vacc.
75 AngX steers & heifers, 600-700 lbs., Spring Shots
50 AngX steers & heifers, 600-700 lbs., Spring Shots
8 AngX steers & heifers, 600-700 lbs., Spring Shots

NO SALE NOV. 27TH due to Thanksgiving.
Regular sales otherwise.

SPECIAL BRED COW SALE FOR WED., DEC. 4
100 Angus 2 year spring bred heifers, AI bred LBW Blythe Angus Bulls
85 AngX steers & heifers, 500-700 lbs., Pre-Vacc., T.J. Erichsen

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 November 12, 2019

STEERS		
1	420	170.00
13	365	167.00
11	503	167.00
5	564	157.00
5	586	156.00
11	686	153.50
23	776	151.50
17	549	150.00
9	718	147.00
22	834	143.00
6	936	134.50

HEIFERS		
1	335	161.00
5	395	152.00

2	408	151.00
6	438	147.00
13	517	140.50
10	577	138.00
11	631	135.00
3	650	134.00
2	710	131.00
5	751	131.00

TOP BUTCHER COW:
\$70.00 @ 1,705 LBS.

TOP BUTCHER BULL:
\$73.00 @ 2,235 LBS.

BRED COWS: From \$775
PAIRS: \$1,025-\$1,275

There WILL be a sale
Tues., November 26th



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: 11/13/19. Total Head Count: 755.
COWS: \$56-\$67; \$44-\$55.75; C43 & down.
BULLS: \$75-\$79.50.

HEIFERS	
4 mix.....	414@171.00
4 mix.....	471@147.00
6 mix.....	499@130.00
5 Char.....	524@138.50
8 blk.....	549@136.50
22 blk/blkwf.....	558@135.50
4 blk blkwf.....	531@134.50
15 blk/blkwf.....	541@133.00
4 blk.....	528@131.50
12 blk/blkwf.....	585@130.50
9 blk/blkwf.....	593@129.50
4 blk.....	570@128.00
32 blk.....	620@134.50
5 blk.....	607@129.50
7 red.....	611@127.50
10 mix.....	721@135.00
7 blk.....	767@134.00
4 blk.....	900@105.00
27 blk.....	1447@100.00

8 blk.....	512@158.00
15 blk/blkwf.....	554@156.00
6 blk.....	552@152.00
6 mix.....	531@149.00
5 mix.....	594@146.00
7 wf.....	564@135.00
36 blk.....	622@149.00
5 mix.....	625@147.00
11 blk.....	640@146.00
39 blk.....	676@146.00
8 mix.....	647@144.50
11 blk.....	635@143.00
4 mix.....	649@143.00
8 mix.....	673@140.00
4 wf.....	684@140.00
6 wf.....	655@136.00
25 blk.....	711@151.00
13 mix.....	789@147.00
12 blk.....	746@145.50
21 blk.....	745@138.50
6 blk.....	728@138.00
13 blk/blkbwf...	726@136.00
61 mix.....	849@146.75
16 blk.....	913@144.00
6 mix.....	928@135.50

STEERS

5 blk.....	419@181.00
4 mix.....	494@160.00
14 blk.....	540@160.00

CONSIGNMENTS FOR NOVEMBER 20
• 120 mix steers, 700-900 lbs., S&M Farms

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

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

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

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

KARL LANGVARDT
Cell: 785-499-2945

MITCH LANGVARDT
Cell: 785-761-5814

LYNN LANGVARDT
Cell: 785-761-5813




CKD, KGLC to host program on the economics of cover crops

Do cover crops pay? This is the question that will be answered at a meeting hosted by the Central Kansas Extension District (CKD) and the Kansas Grazing Lands Coalition (KGLC). The program will be held at the Kansas State University Polytechnic Campus on Tuesday, December 10. Coffee, donuts and sign-in is at 8:30 a.m. The workshop then runs from 9:00 a.m. to 3:30 p.m. This event will feature soil experts Doug Peterson and Candy Thomas as the keynote speakers. The two will cover a number of topics including soil health basics, carbon to nitrogen ratios and nutrient cycling, case studies on the economics of cover crops and even rangeland health as it relates to soil and water quality. Peterson has been a Natural Resource Conservation Service (NRCS) employee for over 30 years. He is the Regional Soil Health specialist for Missouri and Iowa, teaching producers how soil health impacts virtually all natural resource processes. Doug also operates a cow/calf and contract grazing operation where they utilize holistic high density grazing to improve soil health while eliminating the need for most purchased fertilizer and harvested forages. Thomas has been with NRCS since 1994 and is now the Regional Soil Health specialist for Kansas and Nebraska. She provides agronomic advice on soil health indicators, cover crops, water quality resource issues, erosion control, and training in conservation planning and management systems.

This program is part of a multi-year Conservation Collaboration Grant from Kansas NRCS and will take place in the College Center Conference Room located at 2310 Centennial Road in Salina. Registration is \$20.00 per person, which includes lunch, refreshments and handouts. Those planning to attend are asked to reserve their spot by Thursday, December 5 by calling (785) 392-2147 or emailing crensink@ksu.edu.

Just when you thought fake meat couldn't get faker

A Finnish company by the name of Solar Foods is working on an edible protein powder called Solein which uses water, air and renewable electricity to separate food production from agriculture, Reuters reports. The product is made by putting microbes into a liquid and feeding them small bubbles of hydrogen and carbon dioxide. As the liquid thickens, it is dried into a very fine powder.

Another company, String Bio, says it is working to convert methane from waste and natural sources into protein powder — initially for animals.

Sustainable Bioproducts, yet another company seeking to make alternative proteins, says their line of proteins are based on microbes found in volcanic hot springs at Yellowstone National Park. The company plans to produce “a hamburger equivalent” next year through a “novel fermentation” of the microbes.

Grass & Grain 785-539-7558

Paola Livestock Auction, Inc.

**P.O. Box 251 • 26701 Eagle Drive
Paola, KS 66071 • 913-294-3335**
Sale Every Friday 1 PM

Locally Owned & Operated

SPECIAL BRED HEIFER & COW SALE SUNDAY, NOVEMBER 24, 2019 1:00PM

- 31 first calf bred hfrs, bred to McCabe LBW Angus Bulls to calve Mar. 1st, scour guard shots & worked, ready to turnout.
- 28 bred blk cows, 5-7 yrs old, bred to Angus bulls to calve in Mar.
- 20 Red Angus Fall Pairs, 5-6 yrs old, blk Angus calves at side (born in Aug. & Sept.).
- 10 Char Fall Pairs, 3-4 yrs old, Red Angus calves at side (born in Aug. & Sept.).
- 10 bred cows, 5-7 yrs old, to calve Feb. 1st.
- 15 young Fall Pairs.

For more information call

Maurie Bourquin Josh Bourquin Salebarn
913-731-4348 913-731-4240 913-294-3335

Holton Livestock Exchange, Inc.

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

Livestock Auction every Tuesday at 12 NOON
Serving the Midwest Livestock Industry for 67 Years!
******STARTING TIME: 12:00 NOON******

MARKET REPORT FOR TUESDAY, NOVEMBER 12, 2019
RECEIPTS: 910 CATTLE
VIEW FULL RESULTS ON OUR WEBSITE.

STEERS & BULLS		HEIFERS	
2 blk bbf str	412@175.00	4 blk hfrs	357@152.00
3 blk str	496@171.00	2 blk hfrs	435@150.00
4 blk str	502@166.00	3 blk hfrs	476@148.00
5 blk bfw str	544@163.50	7 blk red hfrs	468@144.50
9 blk str	610@157.00	5 blk hfrs	396@143.50
5 blk str	766@155.00	19 blk red hfrs	597@141.50
19 blk red str	649@155.00	12 blk red hfrs	786@139.00
5 blk red str	727@150.50	5 blk hfrs	693@138.00
11 blk rfw str	665@150.50	4 blk red hfrs	710@137.50
9 blk bfw str	660@149.75	13 blk bfw hfrs	671@137.50
10 blk bfw str	751@149.75	8 blk hfrs	561@136.00
8 blk str	746@149.50	10 blk hfrs	564@135.00
21 blk bfw str	708@149.50	10 blk red hfrs	631@133.75
6 bfw rfw str	789@147.50	10 blk red hfrs	635@133.00
10 blk gry str	657@147.50	10 bfw rfw hfrs	686@128.00
8 blk rfw str	791@147.00	2 blk hfrs	905@127.50
9 bfw str	688@147.00	7 mix hfrs	657@127.00
10 herf blk str	660@146.00	5 blk hfrs	697@126.00
7 blk red str	770@144.50	10 blk hfrs	942@125.50
11 blk str	894@143.00		
7 blk bfw str	817@136.00		

68TH ANNIVERSARY SPECIAL CALF & YEARLING AUCTION
Tuesday, December 3 • 12 Noon Customer Appreciation Meal

SPECIAL COW & BULL AUCTION — **Friday, December 13 • 6 p.m.**

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

View our auctions live at “Imaauctions.com”

More medium chain fatty acids in swine feed not necessarily better

When Kansas State University swine nutritionists design diets for pigs, they typically think of medium chain fatty acids as ‘good guys.’

Over the past five years, K-State researchers have consistently found that those fatty acids lead to better health and well-being of pigs – just as they do in humans – and have a positive impact on the feed efficiency and growth of pigs.

Now they are reporting that more isn’t necessarily better.

“Our initial studies used rather high concentrations of medium chain fatty acids in swine feed to demon-

strate their effectiveness,” said Jason Woodworth, a swine nutritionist with K-State Research and Extension. “As we progressed in the research we found that lower levels of MCFA generated similar benefits.”

That’s good news for swine producers because when nutritionists include smaller amounts of medium chain fatty acids in feed, those diets cost less. Further, Woodworth notes, “these findings will allow more options for feed ingredients that can be used to enhance the overall feed biosecurity in swine operations.”

As the weather gets


colder, Woodworth said one virus of particular concern to swine producers is porcine epidemic diarrhea virus, or PEDv, which causes severe diarrhea in pigs and leads to nearly 100% mortality in pre-weaned pigs.

“More and more research is showing the benefits of medium chain fatty acids in reducing or mitigating PEDv risk in feed,” Woodworth said. “With this research, there will likely be new products coming to the market that will be available for producers to

consider as part of their entire biosecurity program.”

Woodworth and the K-State swine nutrition group will be talking about their work with medium chain fatty acids during the annual K-State Swine Day, which is taking place in Manhattan on Nov. 21. Registration for that event is \$50. Students can attend Swine Day for free if they pre-register.

For information or to pre-register, visit the website for the Department of Animal Sciences and Industry.



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

www.centrallivestockks.com
Office: 620-662-3371

or **Matt Hoffman (Owner): 620-727-0913**
Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 10:00 a.m.
Hog/Sheep/Goat Auction- Every 3rd Saturday
Horse/Tack Auction- Every 1st Saturday
Results From November 12th Sale:

Steers:	Heifers:
300-400# \$144.00-\$189.25	300-400# \$135.00-\$165.00
400-500# \$141.00-\$185.00	400-500# \$127.00-\$151.00
500-600# \$127.50-\$166.00	500-600# \$116.00-\$138.50
600-700# \$122.00-\$158.00	600-700# \$106.00-\$134.50
700-800# \$119.00-\$147.50	700-800# \$104.00-\$132.50
800-900# \$117.00-\$129.00	

Tues., Nov. 26th - Holstein Special
Sat., Dec. 7th - Horse & Tack Sale
Tues., Dec. 10th - Calf/Yearling Special

SPECIAL STOCK COW SALE

Anderson County Sales Co., LLC
Garnett, Kansas
Friday, November 22nd • 6:30pm

20 - Black-BWF 2-3 yr olds with black calves
60 - Black-BWF 3-6 yr olds, bred Black Simmental
25 - Black & BWF 5-9 yr old Cows with 300lb calves, bred back

40 - Mixed Cows 3-9 yr olds, some with calves, balance bred black
40 - Black Cows, 5-9 yr olds, some with calves, balance bred black

15 - Mix Cows 5-9 yr olds, bred black bull
50 - Mixed Cows, 5-9 yr olds, some with calves, balance bred black

Expecting 400-500 Cows.
Several groups pending.

Call For Information
Ron Ratliff • 785-448-8200
Mark Weigand • 785-214-7162
Sale Day • 785-448-3811

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, November 14 we had 970 cattle on an active market

STEERS	4 bk	726@137.50	6 bk bfw	628@134.50
9 bk red	469@159.00	7 bk	706@137.25	10 bk
3 bk	468@157.00	9 bk bfw	692@137.00	4 Limo
10 bk	540@153.50	5 bk	872@135.75	6 bk bfw
10 bk bfw	567@151.50	7 bk bfw	666@134.00	17 bk
65 bk bfw	791@151.10	9 Hols	463@62.50	28 red char
10 bk red	625@150.50			779@130.75
13 bk char	572@150.00			9 bk red
14 bk red	626@150.00	7 bk bfw	448@143.50	598@130.00
13 bk bfw	627@146.00	6 bk	479@139.75	8 mix
39 bk bfw	898@145.75	75 bk bfw	809@136.75	828@129.50
19 bk bfw	856@144.25	15 bk	545@136.50	9 bk bfw
14 bk	680@141.50	5 bk	502@135.00	841@126.75
12 bk red	730@139.50	8 bk red	520@135.00	10 Limo
		10 bk	626@134.50	559@125.00

Butcher Cows: \$31-\$74, mostly \$55-\$68, steady to higher, very active.
Butcher Bulls: \$73-\$92, mostly \$80-\$87, steady to higher.
PREG COWS: \$850-\$935. PAIRS: \$1,325-\$1,425

BUTCHER COWS	BUTCHER BULLS
1 blk 1400@74.50	1 blk Limo 2295@92.00
1 blk 1395@71.50	1 blk 2290@87.00
1 blk 1655@69.00	1 blk 1915@87.00
1 bfw 1540@69.00	1 blk 1945@86.50
1 blk 1470@67.00	1 blk 1350@84.00
1 blk 1605@66.00	1 blk 2025@83.00
1 bfw 1395@65.50	

EARLY CONSIGNMENTS FOR NOV. 21

- 95 mostly blk steers & heifers, 500-700 lbs., vacc & off the cow
- 54 black red steers & heifers, 450-700 lbs.
- 33 black red Char steers & heifers, 400-600 lbs.
- 65 mostly black steers, 775-825 lbs., off the grass
- 21 blk bfw cows, 5-10 yr old, bred to Blk Bull, spring calvers
- 1 Red Angus Bull, 18 mo. old, semen tested & Ready to Go
- 1 Red Angus Bull, 5 years old

NO SALE NOVEMBER 28

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

Russell Livestock, LLC
720 S. Fossil, Russell, KS

SPECIAL SATURDAY COW SALE

Sat., November 23rd at 1:00pm

Schlessiger Cattle Co.: 200 Northern origin blk-bwf bred heifers. Bred to LBW Stucky Ang bulls for 60 days. Start Jan. 15. Had 1st Scourguard. High reputation Fancy Set!

Other Consignments:

- 200 bred cows, 3-5 years
- 225 bred cows older
- 100 bred cows solid mouth
- 100 fall pairs 4-6 years.

For more information please call:
Creg Carey or **Crecia at barn**
785-483-1455 or **785-483-2961**

VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.

THURSDAY, NOVEMBER 21, 2019
Special Spring Calf Sale (weaned & non-weaned)
S.T. 11 am on yearlings; weaned calves to follow. Expecting 3,200 hd

Valentine Livestock Health Protocol 2019
#4 7-way (2), 5-way viral (spring & fall), pasteurella, and poured or injected w/ Ivermectin (fall)
#3 7-way (2), 5-way viral (spring & fall), pasteurella, no pour on
#2 7-way (2), 5-way once; #1 7-way only

Weaned Spring Calves: weaned 35-50 days (1000 hd)
330 blk, blkx (165s-165h) no grain, on pasture 425-550#Burress Ranch
255 Ang&blk (80x-175h) breedable-Connealy, Kraye & Sitz sired400-600#
..... Roger/Sue Licking

124 rd (86s-38h) cake & range450-500# 47 Ranch
100 Ang&blk (52h & 48s) NI475-650# Corey & Tiffany Soper #2
100 Angus & blk NI450-575# Joe & Jane Homan
90 ..rd Angus strs CRA Pieper & Cross Diamond genes600-650#
..... McLeod Ranch #4

75 ..blk, bfw NI drugfree450-500# Arrow J Ranch (R Jones)

Non-weaned Spring Calves (1200 hd)
200 bfw (F-1) (160 hd) & blk, few rd hfrs not topped Leachman sire475-625#
..... Avery & Liz May #3

150 Ang & blk (90s-60h) NI Connealy sired 450-600# Paul Lattin #1
100 Angus strs550-625# Greg & Trudi Woods #4
100 blk, bfw, few rd NI450-550# Tim Juhnke
80 ..blk, bfw, few rd NI450-550# Chase & Marti Strand
80 ..blk, bfw NI600# Harvey Bierema & Mary Scott #3
40 ..blk, few bfw NI400-600# Ken Davis
30 ..Hereford, blk & bfw strs NI500-550# Norman Tate
25 ..blk NI500-650# Trent Colburn

Yearlings (800 hd) **Sell via the Video: view video on our website or Cattle USA
75 ..Ang hfrs, spayed NHTC Baldrige sired, drugfree (IMI Global & G.A.P.4) base wt. 850# deliver Brush Creek Rn.
150 blk NI NI750-950# Ken Keegan
120 Angus (90s-30h) NHTC (not drugfree) 750-950# Brush Creek Rn.
130 blk, blk-x strs950-1000# D&D (Neyens)
40 ..blk hfrs P.O.900-950# Thacher Cattle Co.

Plus more from Ford Family, Duck Bar (33), Carr (21), Schlueter (14), May (20), Huddle (19), 3 Bar (18), LT (18)

View our special sales online @ cattleusa.com
Office: 1-800-682-4874 or 402-376-3611
Greg Arendt, Mgr., C: 402-376-4701 Greg Nielsen, Fieldman, C: 402-389-0833
Jake Hopwood, Fieldman, C: 308-627-4828
For complete listing visit our website: www.valentinelivestock.net

EL DORADO LIVESTOCK AUCTION, INC.

316-320-3212

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

Market Report - Sale Date 11-14-19. 1,312 Head.
300-400 lb. steers, \$173-\$183; heifers, \$141-\$164; 400-500 lb. steers, \$150-\$165; heifers, \$121-\$151; 500-600 lb. steers, \$125-\$163.50; heifers, \$118-\$142.50; 600-700 lb. steers, \$127-\$155; heifers, \$114-\$133; 700-800 lb. steers, \$118-\$144; heifers, \$111-\$132; 800-900 lb. steers, \$125-\$147.25; heifers, \$110.50-\$123.50. **Trend on Calves:** \$3-\$5 higher on choice calves. **Trend on Feeder Cattle:** No test on heifers; steady on feeder steers. **Butcher Cows:** High dressing cows: \$60-\$71.50; Avg. dressing cows: \$45-\$55; Low dressing cows: \$17-\$35. **Butcher Bulls:** Avg. to high dressing bulls: \$60-\$83.

HEIFERS	HIGHLIGHTS:	STEERS
8 blk 456@144.00	7 blk 519@160.00	
15 mix 497@135.00	20 mix 533@154.50	
14 blk 531@141.00	20 blk 604@148.50	
13 blk 566@135.50	64 blk 628@148.50	
25 mostly blk 578@132.00	12 blk 655@145.00	
18 mix 648@127.00	10 mix 697@137.50	
(all calves)	23 blk 738@136.50	
	58 mix feeders 802@147.00	

**EARLY CONSIGNMENTS FOR THURSDAY, NOVEMBER 21:
EXPECTING 1,200 HEAD**

- 125 black steers & heifers, HR, shots, 550-650 lbs.
- 6 black bred heifers, spring calves
- 65 Angus steers & heifers, HR, LTW, 850-950 lbs.

STAY TUNED FOR EARLY CONSIGNMENTS!
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
To stay up to date on our latest announcements you can “Like” us on Facebook

Chris Locke (316) 320-1005 (H) (316) 322-0675 (M)	Steven Hamlin (602) 402-6008 (H) (620) 222-1199 (M)
Larry Womacks, Fieldman (620) 394-3273 (H) (620) 229-0076 (M)	Van Schmidt, Fieldman (620) 367-2331 (H) (620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

SEVENDAYFORECAST

WEDNESDAY
Mostly Cloudy
High: 56 Low: 47

THURSDAY
Isolated Rain
High: 51 Low: 42

FRIDAY
Cloudy
High: 47 Low: 38

SATURDAY
Cloudy
High: 42 Low: 33

SUNDAY
Sunny
High: 40 Low: 35

MONDAY
Sunny
High: 46 Low: 37

TUESDAY
Partly Cloudy
High: 50 Low: 41

IN-DEPTH LOCAL FORECAST

Today we will see mostly cloudy skies, high temperature of 56°, humidity of 58%. Southeast wind 5 to 8 mph. The record high temperature for today is 71° set in 2007. Expect mostly cloudy skies tonight with a 35% chance of isolated rain, overnight low of 47°. South wind 6 mph.

LAST WEEKS ALMANAC

Date	Hi/Lo	Normals	Precip
11/8	48/18	59/33	0.00"
11/9	76/32	58/33	0.00"
11/10	61/30	58/32	0.00"
11/11	26/12R	57/32	0.00"
11/12	34/7R	57/32	0.00"
11/13	46/28	56/31	0.00"
11/14	52/25	56/31	0.00"

Rainfall 0.00"
Normal rainfall 0.41"
Departure -0.41"
Average temp. 35.4°
Average normal..... 44.6°
Departure -9.2°

TODAYS LOCAL OUTLOOK

THIS WEEKS SUN & MOON CHART

	Day	Sunrise	Sunset	Moonrise	Moonset
New 11/26	Wednesday	7:15 a.m.	5:09 p.m.	12:07 a.m.	2:02 p.m.
	Thursday	7:16 a.m.	5:08 p.m.	1:17 a.m.	2:35 p.m.
	Friday	7:17 a.m.	5:07 p.m.	2:28 a.m.	3:07 p.m.
	Saturday	7:18 a.m.	5:07 p.m.	3:39 a.m.	3:39 p.m.
First 12/4	Sunday	7:19 a.m.	5:06 p.m.	4:50 a.m.	4:12 p.m.
	Monday	7:20 a.m.	5:06 p.m.	6:02 a.m.	4:47 p.m.
	Tuesday	7:21 a.m.	5:06 p.m.	7:13 a.m.	5:28 p.m.

Full 12/12
Last 12/18

LOCAL UV INDEX

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

WEATHER HISTORY

Nov. 20, 1987 - Blustery northwest winds created snow squalls in the Great Lakes region and the Upper Ohio Valley. Snowfall totals in Upper Michigan ranged up to 18 inches at Paradise, Lake City, Mich. received 9.5 inches of snow in four and a half hours.

GROWING DEGREEDAYS

Date	Degree Days	Date	Degree Days
11/8	0	11/12	0
11/9	4	11/13	0
11/10	0	11/14	0
11/11	0		

BLACK

ink

Common Ground

By Miranda Reiman

It was a memorable steak supper under the stars. Live music played in the background and I thought to myself, “I can’t remember the last time I’ve laughed this much.”

Earlier this fall, a few of my colleagues and I were gathered at an event designed to bring those who produce beef together with those who prepare it. We dined with restaurant owners, a trained chef and a ranching couple.

We swapped stories about meeting our significant others, of vacation blunders and parenting priorities. There were some great storytellers in our ranks, and it seemed one tale would just spark an even better one from across the table. The food was outstanding, but the company surpassed it.

It was a great evening. But as I got back to my hotel room, I wondered if I should have formally facilitated discussions between the far ends of the beef chain, like some kind of moderator or emcee. Should have I asked the producers to talk about implants or explain cattle handling? Should have I prompted the chef with questions about the traits that are most likely to make beef perform for him?

It was a chance for edu-

cation, after all.

Over the course of that conference, I watched cattle families take the stage and instantly relate. The audience laughed and some even cried as cattlemen and women shared bits of real life on the ranch. They talked about kids arguing who had the better heifer, and about trying to save newborn calves they ultimately couldn’t when blizzards struck.

It captured the high points and heartaches that make up cattle production.

They didn’t talk about the technicalities of increasing calories during a winter cold snap or about the intricacies of genetic selection, but they conveyed the fact that cattlemen care... about their families, about their livestock, about their businesses and their way of life.

Dedication and sincerity are powerful emotions. Just that honest and open sharing showed the cattlemen as real, genuine and human. They were not abstract “producers” in some far-off place. They were totally relatable, conscientious caretakers.

In turn, the cattlemen made connections with people running food businesses and selling beef across the country. They figured out pretty quickly that, even though some headlines like to villainize those who make their living in the pastures and feedyards they call home, most of America doesn’t feel that way.

If you’re honest, there might be a time or two you’ve labeled “city people” and said, “if the consumer only knew (fill in the blank).”

Meeting them in real life, all of a sudden, they went from abstract “consumers” in some far-off place to passionate partners in the beef community, with a name and a face.

Protein demand is alive and well, in large part thanks to those who present your product to consumers every day.

They are dedicated and sincere.

As the breeze drifted in and the band called it night, we realized we’d learned again what we probably knew all along: We’re all just people. And we’re in this together.

Next time in Black Ink® Nicole Erceg will discuss planning for a good year.

AUCTION

SATURDAY, DECEMBER 7, 2019 — 12:00 NOON

At the farm, 2745 17th Road, south of HANOVER, KANSAS

REAL ESTATE (Sells at 1:00)

This is a ten acre tract of land in the southwest quarter of Section 4-3-5, Little Blue Township, Washington County, Kansas. Located two miles south and ½ mile west of the Pony Express Truck Stop; this is the corner of Zenith Road & 17th Road.

The house is a 1977 manufactured home, with three bedrooms, two bathrooms, a full basement, a basement one car garage, central heat and AC. There is a water well and a lateral field. There is a metal clad barn/shop, a roomy one car garage, and other small buildings. There is a 9 acre native grass pasture with good fence. The house and all the outbuildings are very well kept. The 2019 taxes are \$1,047.83.

To see the property, call for an appointment or come to the OPEN HOUSES on Saturday afternoon, November 23rd from 3:30-5:00, or Saturday afternoon, November 30th from 3:30-5:00.

Terms on Real Estate: Ten percent down, the balance due on or before 30 days. Possession given at closing.

ATV, TRAILERS, SHOP & YARD TOOLS

2018 Polaris Sportsman 570 ATV, EPS, 4x4, 35 hrs, 175 miles; Camo cover for Polaris; Cub Cadet 926 STE steerable track snow blower, 9hp, electric start; Troy Bilt Horse rear tine tiller, 8 hp; Swisher 6.5 hp string mower; Clarke concrete mixer, electric; Cub Cadet RZTS 22 hp, 42 inch ZTR mower; Titan 6'8"x 14' bumper hitch tandem axle stock/horse trailer; 6'x16' gooseneck stock trailer; 17 year old jenny donkey; 5'x9' enclosed 2 wheel trailer; Briggs & Stratton Elite Series Generator, 8,000W continuous, 13,500W starting, like new; Calf squeeze chute; Gates & panels; 2- 1 ton chain hoists; Aluminum extension ladder; Fiberglass step ladder; 5x9 flat bed 2 wheel trailer; ramps; DeWalt electric trimmer; Huskee 2 wheel yard trailer; Pipe wrenches; Craftsman 10 inch radial arm saw; Delta planer; Wood lathe; Nuts, bolts, other fasteners; Braces, bits; Metal file cabinet; Wood, metal cabinets; Speed Queen wringer washer; Cream separator; Long handled tools; Wrenches, other hand tools; Garden cart; Rope; Wiring; Lumber; Iron; Log chains; Structo, Tonka, other old toys; Coaster wagon; Garton chain drive pedal tractor.

GUNS

Remington 12 gauge semi auto shotgun, vent rib; Savage Axis .243 bolt action rifle, synthetic stock, scope; Winchester 77 semi auto rifle, .22, clip; Glenfield (Marlin) .22 LR semi auto rifle; H&R 922, 9 shot, .22 cal revolver; Shotgun, rifle ammo.

Terms on the personal property: cash or good check.

KENNETH & MARCELLA CRAIG

Announcements the day of the auction take precedence over previous advertising.

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Sell Or Buy

Cattle

By Auction

STARTING TIME 10:30 AM

Tuesdays

We sold 1174 cattle November 12. Steer and heifer calves were in good demand and sold steady to \$5.00 higher. Feeder steers and heifers were steady to \$5.00 higher. Cows and bulls were steady to \$3.00 higher.

STEER & BULL CALVES

6 blk/bwf str 413 @ 178.00
4 blk str 303 @ 175.00
3 blk str 388 @ 174.00
10 blk str 474 @ 174.00
7 blk/bwf str 510 @ 170.50
3 blk str 372 @ 170.00
6 blk str 512 @ 166.00
3 blk str 537 @ 164.00
4 blk str 505 @ 161.00
1 blk bull 400 @ 160.00
3 blk str 468 @ 160.00
1 blk bull 450 @ 156.00
2 blk str 513 @ 154.50
3 blk str/bulls 427 @ 153.00
26 mix str 488 @ 150.00
1 blk bull 535 @ 136.00
2 blk/bwf bulls 548 @ 135.00

5 blk str 617 @ 152.50
3 blk str 602 @ 151.00
28 blk/bwf str 653 @ 150.25
17 blk str 769 @ 150.25
21 x-bred str 583 @ 149.00
4 blk str 626 @ 149.00
4 red str 560 @ 148.00
8 blk str 665 @ 148.00
34 mix str 609 @ 144.00
9 blk/char str 667 @ 142.00
9 blk/bwf str 703 @ 140.50
18 blk/red str 670 @ 136.50
4 blk str 761 @ 136.50
3 blk str 677 @ 136.00
7 blk/red str 691 @ 135.00

HEIFER CALVES

3 blk hfrs 408 @ 154.00
4 char hfrs 471 @ 150.50
3 bwf hfrs 363 @ 148.00
10 blk hfrs 517 @ 145.50
4 blk/bwf hfrs 509 @ 141.50
3 blk hfrs 357 @ 141.00
34 blk hfrs 521 @ 141.00
5 blk hfrs 509 @ 140.00

3 blk hfrs 533 @ 136.00
2 bwf hfrs 438 @ 135.00
6 blk/bwf hfrs 523 @ 135.00
25 mix hfrs 531 @ 134.50
5 blk/bwf hfrs 506 @ 128.00
3 blk hfrs 548 @ 127.00

STOCKER & FEEDER HEIFERS

79 blk/bwf hfrs 674 @ 155.00
132 blk/bwf hfrs 814 @ 145.85
61 blk/bwf hfrs 813 @ 143.85
20 blk/bwf hfrs 626 @ 143.50
3 blk hfrs 737 @ 143.50
31 blk hfrs 702 @ 142.25
28 blk/bwf hfrs 705 @ 142.00
13 blk/bwf hfrs 576 @ 141.50
20 blk hfrs 590 @ 140.50
12 blk hfrs 697 @ 139.25
10 blk/red hfrs 732 @ 137.00
5 blk/bwf hfrs 593 @ 135.00
3 blk/bwf hfrs 707 @ 135.00
11 blk/bwf hfrs 671 @ 130.50
3 blk hfrs 602 @ 130.00
5 blk hfrs 610 @ 130.00
6 blk/bwf hfrs 573 @ 128.50
5 mix hfrs 607 @ 128.00
12 blk hfrs 737 @ 127.50

COWS & HEIFERETTES

1 blk hfrt 1050 @ 92.00
1 blk cow 1505 @ 72.50
1 blk cow 920 @ 71.00
1 blk hfrt 1320 @ 70.00
1 blk cow 1780 @ 69.50
1 blk cow 1570 @ 69.00
1 x-bred cow 1270 @ 58.00
1 blk cow 1175 @ 57.50
2 blk cows 1273 @ 57.00
1 blk cow 970 @ 55.50
1 sim cow 1260 @ 55.00
1 blk cow 1390 @ 54.50
1 red cow 1350 @ 54.00
1 blk cow 1260 @ 53.50
1 red cow 1265 @ 51.50
1 sim cow 1305 @ 49.50
1 blk cow 1265 @ 48.50
1 red cow 865 @ 47.00
1 blk cow 1265 @ 45.50
1 blk cow 1150 @ 45.00
1 x-bred cow 1230 @ 43.50
1 red cow 1075 @ 43.00

PAIRS & BRED COWS

1 blk cow/cf @ 1150.00
1 bwf cow/cf @ 1100.00

1 bwf cow/cf @ 1075.00
1 blk bred cow @ 870.00
1 bwf bred hfr @ 800.00

BULLS

1 char bull 2030 @ 83.50
1 brang bull 1855 @ 77.50
1 red bull 1385 @ 77.00

1 red bull 1960 @ 76.00
1 blk bull 1730 @ 73.50
1 bwf bull 1675 @ 72.50
1 bwf bull 1785 @ 70.50
1 char bull 1355 @ 67.50
1 brab bull 1485 @ 62.50

WATCH OUR AUCTIONS

LIVE ON DVAuctions.com

CONSIGNMENTS FOR NOVEMBER 19:

• 25 blk steers & heifers, 500-600 lbs., vacc.

• 65 blk steers & heifers, 500-600 lbs., vacc.

• 43 black str & hfrs, 500-600 lbs., weaned, vacc.

• 35 blk str & hfrs, 400-500 lbs., weaned, vacc.

• 55 black steers & heifers, 500-600 lbs., vacc.

• 100 black steers & heifers, 450-600 lbs., vacc.

• 72 black steers & heifers, 700-800 lbs.

• 80 black heifers, 625-650 lbs.

• 65 black heifers, 775-800 lbs.

• 130 black heifers, 775-800 lbs.

• 130 blk steers, 825-850 lbs., Northern origin

• 60 black steers, 850-875 lbs.

• 114 black steers, 900-925 lbs.

• 61 black crossbred steers, 900-925 lbs.

• 60 black steers, 925-950 lbs.

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

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