

## Schwieterman Market Outlook

A marketing commentary by Bret Crotts

The Quarterly Stocks Report and the Planted Acreage Report are come out on Tuesday the 30th. These reports do have the potential to be market movers in either direction. With both the corn and wheat making new contract lows as we head into the USDA numbers, it looks like it will take quite a surprise to turn the mar-

kets bullish. Expectations are for corn acreage to come in lower that the March estimate, but that hasn't seemed to help matters at all. Traders seem to be more concerned with the benign weather and the high probability of a trend line or better yield than they are with what the acreage might be. The average trade guess for corn acreage stands at 95.2 million, so it will probably take something near the low guess of 93 million to get traders' attention. If we come in at the average trade guess, the ending stocks estimate in the July supply and demand report should come in below 3 billion. Not far enough below 3 billion to be considered bullish, but at least it won't be quite as negative psychologically. In order to turn the market up for an extended period of time, we will need

to see low acreage, better

Santa Fe Trail

**Events:** Wild Cow Milking,

Stray Gathering, Team Penning,

Calf Branding, Bronc Riding

**Concession stand/snack shack** 

Saturday, July 11 • 10 AM Junior Ranch Rodeo

Events: Team Penning, Ribbon Roping,

Calf Branding To Register Contact Clay Wilson

demand, and a weather threat in July. Chances of all three of those happening are looking low.

On the December corn chart, since we made new contract lows, it is time to start looking at the \$3.18 and \$3.00 levels as potential downside targets. If we don't get an acreage cut, \$3.18 will be hit easily. If we get an acreage increase, the \$3.00 mark will be easy to hit.

For the wheat market, there is a very good chance that we won't see any market moving information at all. Wheat is going to be at the mercy of "harvest pressure" and the direction of the corn market. Our next continuation chart support for the Kansas City contracts will be at the \$4.00 - \$4.10 area. The current market climate and the fact that the funds are barely short suggest we will hit those targets soon-

Sovbeans are still holding together, but barely. We continue to see Chinese demand and eventually we will see the old crop export estimate increased, which is helpful. Unfortunately the increase in the export estimate will be offset by an increase in the acreage estimate, so we won't see any bullish progress when we get to the July supply and demand

Friday, July 10 • 7 PM

Saturday, July 11 • 7 PM

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er rather than later.

report. We are also dealing with the non-threatening weather forecasts and the decent crop condition ratings, so we have no immediate threat to the potential trend line yield. At this point it looks like it will take a weather threat in July or August to draw our new crop ending

On the charts, watch the 50-day moving average in the November contract. A close below that ahead of the Fourth of the July weekend will not bode well for the market. A poor close like that will suggest we are in for a run to the contract lows.

stocks down.

The cash cattle market keeps slipping little by little, but it is still above the June futures. The futures markets, in general, keep going sideways and we are waiting for a breakout in one direction or the other. With slaughter rates now comparable or even exceeding year ago levels we are going to start working away at our wall of cattle. Beef demand is still a concern with the current unemployment rate, but packer margins are good enough to keep the slaughter pace going.

The feeder index is sideways as well, but it is on the verge of a breakout to the upside. If the feeder index finally makes a new high, we will probably be an upside breakout in the August feeder futures as well. A move to \$135.50 in the August feeders would be bullish.

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

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trades.

## **Bovine bellyaches:** tips for preventing bloat in cows

Grass & Grain, June 30, 2020

If you've ever heard the saying, 'Your eyes were bigger than your stomach,' you probably know it usually refers to an overindulgence on food, ending up with a bellyache. Like humans, cattle can unknowingly overeat such

grasses as alfalfa and clover and may end up with a serious condition impacting their digestive system legume bloat.

On a recent podcast from Kansas State University's Beef Cattle Institute, beef cattle experts talked about cattle bloat, defined as excess gas in the rumen (the largest of the four chambers of the cattle stomach).

'When cattle graze on high quality forages such as legumes, the plants have characteristics that promote frothing. A cow's saliva is thick and oily, which can usually break down the froth," said K-State veterinarian Bob Larson. "If there is too much froth production, the rumen fills with gas, putting pressure on the lungs so that the cattle can't breathe, causing them to die if there is no intervention."

### **Recognizing Bloat**

Larson likened legume bloat to froth on the top of a root beer with many tiny bubbles, which is different than the type of bloat that happens when cattle over-

"We typically think of bloat as an acidosis, or free gas bloat, in which the gas can be released with an esophageal tube. But with legume bloat, because it has tiny bubbles of gas, it has to be managed differently," said Brad White, K-State veterinarian and BCI

To prevent this type of bloat, management of the grazing plan is the biggest step. Additional tools are to provide access to a bloat guard block containing poloxalene (a feed additive) that they can lick, or fed a ration containing monensin (an ionophore), said

"Cattle will sometimes selectively graze, eating only the leaves instead of the full stem, and that can lead to legume bloat. We can manage that by following an intensive grazing management plan," Larson said.

### **Grazing Management**

One strategy is to group the cattle in narrow strips of pasture where they are required to eat the stems and not just the leaves before they are moved to the next section. Larson said.

Another option is to limit the time the cattle are exposed to the pasture.

It is important to introduce the cattle to the pasture slowly, Weaber said. "To keep bloat from happening, make sure that the cattle aren't really hungry when you first turn them out because that leads them to want to overeat." Providing dry hay or abundant standing forage before turning the cattle in on a field with a lot of alfalfa or clover.

"Then let the cattle graze from mid-morning to mid-afternoon and then pull them off the field," said Bob Weaber, K-State Research and Extension beef cattle specialist. "The cattle should be allowed to eat hay overnight before putting them back on the pastures the next day."

To hear the full discussion about legume bloat, tune into the BCI Cattle Chat podcast.

Holton Holton

Olsburg

Olsburg

CATTLE AUCTION

8 mix

10 blk

3 blk

3 blk

Conway Springs 8 blk

Conway Springs 3 blk

Conway Springs 7 blk

6

SS

7-8

SS

**COW/CALF PAIRS** 

5

6

**AGE** 

5-6

4-5

4

5-6



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@1110.00

### Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to WWW.Qrassandqrain.com & logging onto the online subscription HEIFERS — 550-800 LBS. Wakarusa 7-8 5-6@1025.00 For our cattle auction held on Friday, 1 blk 1775@91.00 Seneca 9 blk

Allen

Emporia

Emporia

Seneca

Conway Springs 1 blk

561@132.00

660@130.00

702@126.00

758@121.75

June 26th, calves and feeder cattle were in short supply, however they were finding a good demand at steady prices. We had a large run of Fall calving cows and pairs which were finding good interest according to quality and age. Cull cows and bulls sold from steady to strong prices.

BULL & STEER CALVES — 450-550 LBS

Harveyvillle 5 blk 451@168.50 Harvyeville 4 blk 541@140.00 5 Cross 479@140.00

Easton BULLS & STEERS — 550-775 LBS. 4 blk 570@148.50 Harveyville Manhattan 3 blk 605@148.00

Leonardville 577@147.50 5 blk Olsburg 22 Cross 740@139.00 Olsburg 6 Cross 700@139.00 Holton 7 blk 700@137.00

Leonardville 3 Cross 623@130.00 HEIFER CALVES — 525-550 LBS. Blue Rapids 5 blk 527@142.00

10 Cross

3 bwf

Randolph 895@84.00 1 blk Corning 1 blk 970@80.00 1365@68.00 Green 1 blk 1460@64.50 Allen 1 blk 1475@63.00 Council Grove 1 blk Allen 1445@62.00 1 blk 1415@61.50 St. George 1 blk 1330@61.50 Seneca 1 blk 1240@60.00 Frankfort 1 blk 1295@59.50 Randolph 1 blk Corning 1 blk 1270@58.50 1 blk 1250@55.00 Allen 1 blk 1140@54.00 Corning 1 blk 1430@54.00 Alma Council Grove 1 blk 1135@50.00 1 blk 1060@47.00 Seneca 755@137.00 1 Heref 1470@46.00 Allen 1 blk 815@46.00 Seneca

3 mix

8 blk

20 mix

7 Char

COWS & HEIFERETTES — 815-1,475 LBS.

BULLS — 1,200-2,025 LBS. Clay Center 1 blk 1650@94.00

1 blk

### EARLY CONSIGNMENTS FOR JULY

Green

 147 choice reputation blk strs & hfrs, complete rd shots, 500-800 lbs. 15 blk strs & hfrs, long weaned, 2 rds shots, 550-650 lbs.

620@130.00

**BRED COWS** 

24

Conway Sprgs 3 blk

15 blk

14 blk

10 blk

4 blk

9 blk

4 blk

15 blk

14 blk

11RdAng 7

1 blk

1 blk

1 blk

AGE MO 19RdAng 3 5 @1585.00 13 blk 6

6

6

6

6

7

6

7

7

7

5 @1450.00 5-6@1435.00 5 @1410.00 5-6@1400.00

5 @1275.00

1920@89.00

1575@80.00

1210@77.50

1360@65.50

7

8 @1250.00

@1250.00 @1235.00

5

5-6@1175.00

8 @1225.00

Conway Springs 4 blk Conway Springs 5 blk Conway Springs 3 blk Conway Springs 6 blk 5-6 Conway Springs 1 blk

**Emmett** 

Seneca

Seneca

Blaine

Blaine

3-4 3-4

**BABY CALVES** Conway Springs 1 blk

@400.00 @385.00 @360.00

@1160.00 1 Cross @360.00 Havensville 5 @1125.00 Baileyville 8 mix @335.00

**July 3, 2020 - NO SALE** 

**SUMMER SALE SCHEDULE** 

July 10, 2020 - BACK TO REGULAR SCHEDULE

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## Kansas Hay Market Report

Hay market trade slow and demand light, prices remain fairly steady but with an undertone of strength. A few more trades and inquiries were reported and likely due to the pressure of the worsening drought. The abnormal heat, low humidity, and gusty winds have exacerbated the lack of precipitation. Good news however, many areas welcomed rain over the weekend and were thankful to receive it, but is it too little, too late? According to the U.S. Drought Monitor, abnormal dryness (D0) increased to 33 pct, moderate drought (D1) increased to 22 pct, severe drought (D2) decreased to 8 pct and extreme drought (D3) increased to 5 pct. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

### **Southwest Kansas**

Dairy alfalfa, grinding alfalfa, ground and delivered steady; movement slow. Alfalfa: horse, premium small squares 230.00-240.00. Dairy 1.00/point RFV, Supreme 185.00-226.00, Premium 170.00-195.00, Good 150.00-170.00. Stock or Dry Cow 160.00-165.00. Old crop, Fair/Good grinding alfalfa, 110.00-125.00; new crop grinding alfalfa 115.00-125.00 delivered, with an instance of new crop grinder hay in the bale at 120.00 at the edge. Old crop, ground and delivered locally to



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feed lots and dairies, 145.00-155.00; new crop ground and delivered 140.00-155.00. Grass Hay: Bluestem, good small squares none reported, large squares 100.00-110.00. Sudan: large rounds none reported. Corn stalks ground and delivered, none reported. Wheat straw: none reported. The week of 6/14-6/20, 8,498T of grinding alfalfa and 1,109T of dairy alfalfa was report-

### **South Central Kansas**

Dairy alfalfa, ground/delivered, alfalfa pellets, steady;, grinding alfalfa steady to 5.00 higher; movement slow. Alfalfa: horse, small squares 255.00-275.00. Dairy, 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-178.00. Stock cow, 140.00-150.00. Old crop, fair/Good grinding alfalfa, 85.00-100.00; New crop fair/good grinding alfalfa 105.00-115.00 delivered. Old crop, ground and delivered locally to feedlots 140.00-150.00; new crop ground and delivered 130.00-145.00. Alfalfa pellets: Sun cured 15 pct protein 185.00-195.00 with an instance at 200.00, 17 pct protein 195.00-210.00, Dehydrated 17 pct 300.00-310.00. Grass Hay: Bluestem, none reported. Sudan: large rounds 55.00-65.00. Wheat Straw: none reported. The week of 6/14-6/20, 5,083T of grinding alfalfa and 425T of dairy alfalfa was reported bought/sold.

### **Southeast Kansas**

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady; movement slow. Alfalfa: horse or goat, 230.00-240.00. Dairy 1.00/point RFV. Stock cow 140.00-150.00. Fair/Good grinding alfalfa, 115.00-125.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 125.00-135.00, good, mid squares 105.00-120.00, large squares, 90.00-110.00, large rounds 60.00-65.00. Brome, good, small squares 125.00-150.00, mid to large squares 100.00-110.00, large rounds new crop,75.00-85.00. Wheat Straw: mid and large squares 60.00-70.00, large rounds 55.00-65.00. The week of 6/14-6/20, 909T of grass hay was reported bought/sold.

### **Northwest Kansas**

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: Horse or goat, 205.00-215.00. Dairy, Premium/Supreme 1.00/point RFV. Stock cow, fair/good none reported. Fair/good grinding alfalfa, 95.00-105.00. Ground and delivered locally to feedlots and dairies, 125.00-135.00. Sudan, large rounds 55.00-65.00.

### North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady; movement slow. Alfalfa: horse, premium small squares new crop, 9.00/bale. Old crop dairy 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-170.00. New crop dairy 1.00-1.05/pt. Stock Cow, none reported. Fair/good, grinding alfalfa, 100.00-110.00. Ground and delivered 120.00-130.00. Grass hay: Bluestem, small squares 6.00-7.00/ bale, mid to large squares 80.00-90.00, large rounds 55.00-65.00. Brome, small squares new crop \*8.50/bale, large squares 90.00-100.00, large rounds Old crop 55.00-65.00, New crop 75.00-85.00; Sudan, large rounds 55.00-65.00. Wheat Straw: small squares 5.00-6.00/bale delivered, large squares 70.00-80.00, large rounds 50.00-60.00. The week of 6/14-6/20, 782T of grinding alfalfa and 1,025T of dairy alfalfa was reported bought/sold.

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

\*CWF Certified Weed Free

\*RFV calculated using the Wis/Minn formula.

st stTDN 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  $Internet: www.ams.usda.gov/mnreports/DC\_GR310.txt$ 

## Third quarter beef recovery anticipated

### State University

Cattle slaughter con-

tinues to recover from COVID-19 disruptions in April and May. Estimated cattle slaughter for the week ending June 20, 2020 was 656,000 head, 98.2% of year-earlier levels. This is based on estimated slaughter. The latest actual slaughter data for the week ending June 6, 2020 shows weekly total cattle slaughter of 627,700 head. 94.4% of the previous year. Steer and heifer car-

cass weights have been heavier year-over-year all year but the gap has widened considerably with the delays in marketing fed cattle since early

weights have averaged 27.4 pounds heavier yearover-year. However, for the first quarter of the year, carcass weights were up 20.4 pounds year over year, while average carcass weights in the ten weeks from April 1- June 6, were 36.7 pounds heavier yearover-year.

Year-to-date beef production through June 19 is estimated at 12.05 billion pounds, down 3.8% yearover-year. Beef production in the first quarter of 2020 was up 8.0% year-overyear. Second quarter beef production is projected to be down 14.0% from one year ago. The combination of recovered slaughter and higher carcass weights resulted in weekly beef pro-

duction in mid-June estimated to be above year earlier levels for the first time in ten weeks. Weekly beef production is likely to exceed year earlier levels for the third quarter and perhaps for the balance of the year. Third quarter beef production is forecast to be nearly 6% higher year-over-year. Annual beef production for 2020 is forecast to be slightly higher year-over-year and a new record level at 27.3 billion pounds.

The June Cattle on Feed report shows the slow return to something like normal for feedlots, along with the challenges that remain. The June 1 on-feed inventory of 11.67 million head, 99.5% of last

year. One month ago, the May 1 on-feed inventory was 94.9% of one year ago. The slow pace of May marketings, combined with rebounding placements, pushed the on-feed total up sharply in May. The June 1 feedlot total includes an estimated 5.18 million head of cattle on feed more than 120 days, up 22.9% year-over-year. The backlog of fed cattle will continue to plague feedlots and fed cattle markets for many weeks.

May marketings were down 27.5% year-overyear, a low total even after adjusting for the two less business days for the month compared to last year. May placements were just 1.3% below one year ago, following April placements down 22% and March placements down 23% year-over-year. It appears that feedlot placements and marketings will return to more typical seasonal levels from June forward through the second half of the year.

With beef supplies increasing in the second half of the year, beef demand will be critical. Retail grocery will transition from limited beef supplies in recent weeks to ample supplies at the same time that food service demand is slowly building. Wholesale boxed beef prices have dropped nearly back to pre-COVID-19 levels and may go lower into mid-summer as abundant third cattle beef production could highlight potential recessionary demand weakness.



\*\* ANTIQUE & COLLECTIBLE AUCTION \*\* SATURDAY, JULY 11, 2020 — 10:00 AM

LOCATED: Inside at the Marshall County Fairgrounds 4-H Bldg **BLUE RAPIDS, KANSAS** 

FURNITURE, HULL POTTERY, GLASSWARE, COLLECTIBLES, HOUSEHOLD Curved glass drop frt. secretary; pie safe hutch; Oak padded seat rocker; Singer treadle sewing machine; 2 La-Z-Boy recliners; LG 42" flat screen TV; TV stand; glass top: coffee table, sofa table, end tables; swivel rocker; divan; love seat hide-a-bed; dressers w/mirrors; chests of drawers; night stands; full sized beds; vanity w/mirror; shelving & corner shelves; modern oak table w/rounded leaves & 4 chairs; round & oval rugs; Sears cabinet sewing machine; modern glass front hutch; toy & blanket chests; enamel top cabinet; upright metal cabinet; wrought iron patio furniture & planters; lamps; room divider; wood stools; 100+pieces of Hull Pottery; Roseville Pottery; Weller pottery; Oriental vases & glassware; 20" Holland stein; wall fonts; head vase; 20+ Collectible Dolls w/boxes, some porcelain head; Cabbage Patch dolls; sm. wicker doll furniture; knick knacks; bird figurines; Lots of Hand Sewn Quilts; colored tin: pitchers, coffee maker & glasses; 5' glass lantern; wall moun orass bell; Pepsi thermometer; Valentines; dzns. of whiskey decanters inc. Elvis, (5) 1971 K-State & Patriots; sm. Blue Rapids Bakery oval picture: 12 Franklin Mint pocket knives; jewelry boxes; Bongo drums typewriters; novelty canes; ammo boxes; Pencrest 45 phonograph; Toleni phonograph; Crosley radio; **Glassware:** 30 glass baskets; brides basket; lots of clear glassware; cruets; Shirley Temple pitcher; hen on nests; jiggers; dog candy dish; yellow Pyrex bowl; Coke glasses; glass pitchers; open lace glassware; toothpick holders; **Dishes:** Fiestaware; Nippon; Noritake; Stubenville & Japanese; RS Prussia mustache cup & saucer; Primitives: 8 gal. baled Red Wing crock; Red Wing beater jar; Stone Mason fruit jar; silhouette pictures; Blue Rapids Lumber Co. mirror; cigar boxes; butter churn; lard tin; Wagner skillet; Kraut Cutter; few lidded fruit jars; cream bottles; insulators; Philco battery jars; sad irons; labeled boxes & tins; wood stomper; Perfection oil heaters; washboard. Kero lamps; Grapette bank; post cards; childrens books; tokens; ration books; Other Items: 3/4 size Billiard table; games; baskets; Ben Pearson bow & arrows; Budda rocking horse; toys; Structo dump truck; BB guns; Crossman pellet pistol; binoculars; 33 & 45 records; Ford Galaxy car; State Bank of Blue Rapids banks; Holiday decor; luggage; Brownie 300 & 500 movie projectors & screen; Vornado fans; locksmith equipment inset ID place proces & key blacks Rocce quiters Bicoll vocument ment inc.: H.D. elec. press & key blanks; Recco guitar; Bissell vacuum, hard & soft cover books; hand & garden tools; red wagon; lawn seeder; fishing poles; metal shelving; push lawn mowers; gazing balls; many other items! Stuarts were avid auction goers for over 25 years. For pictures see websites!

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"I put an implement on the free online ad site and got no calls. I put it in Grass & Grain and got eight calls the first couple of days... and sold it."

~ Russell Reichart, Holton ~







It was not the plan for the Kansas Junior Charolais Association to cancel its annual junior show that is typically held on Memorial Day weekend. The KJCA junior board had diligently prepared to host its annual show in Hutchinson on Mav 23rd-24th 2020, but due to COVID-19 restraints, plans changed. The Kansas Charolais Juniors worked with Ranch House Designs. Inc. to create an opportunity for juniors to show amongst COVID-19 cancellations. Juniors submit-

ted 30-60 second videos of their entries to RHD. The 2020 KJCA Virtual Show was then sent to Judge Wyatt Durst for evaluation. The results are as follows: Champion Purebred

Female: Josi Schrader, TR Ms Fame 8712F ET calf at side: Schrader's Ms Fergi 002H Champion Reserve

Purebred Female: Isom Marston, WIA-CARR Diablo F62P

Champion Composite Female: Josi Schrader, Schrader's Ms Mocha 956G



The Reserve Champion Charolais Steer was exhibited by Isom Marston, Canton.



Weston Schrader, Wells, showed the Champion Bred and Owned Bull during the Kansas Junior Charolais Virtual Show. Schrader's Turning Point 992G is a February 10, 2019 son of WC Milestone.



Stud 1957 was named Reserve Champion Bred and Owned Bull of the Kansas Junior Charolais Virtual Show. The September 11, 2019 bull is owned by Madison Voet, Home, and sired by OC Ledger.



TR Ms Fame 8712F ET and Schrader's Ms Fergi 002H were named the Champion Purebred Female of the Kansas Junior Charolais Virtual Show. The pair is owned by Josi Schrader, Wells. Judge Wyatt Durst evaluated the virtual entries.

on Composite Female: Weston Schrader, Schrader's Ms Scotchie 944G ET

Champion Bred & Owned Female: Weston Schrader, Schrader's Ms Fran 9219G

Reserve Champion Bred & Owned Female: Isom Marston, WAL-MAR Ms Penny 912F

Champion Bull: Weston Schrader, Schrader's Turning Point 992G

Reserve Champion Bred & Owned Bull: Madison Voet, VFSF Stud 1957 Market

Champion Steer: Weston Schrader, Schrader's Copper 961G

Reserve Champion



Weston Schrader, Wells, exhibited the Champion Charolais steer



Josi Schrader exhibited the Champion Composite Female of the 2020 Kansas Junior Charolais Virtual Show. Schrader's Ms Mocha 956G ET is sired by Monopoly and out of Schrader's Ms Bailey 0225 ET.



Isom Marston, Canton, exhibited the Reserve Champion Purebred Female of the Kansas Junior Charolais Virtual Show. WIA-CARR Diablo F62P is a September 6, 2018 daughter of TR Mr Diablo 2742Z ET.

Market Steer: Isom Marston, Peanut

Champion Senior Showman: Kvlie Rahmeier - Sylvan Grove

Reserve Champion Senior Showman: Madison Voet - Home

Champion Intermediate Showman: Weston Schrader - Wells

Reserve Champion In-

termediate Showman: Josi Schrader - Wells

Champion Junior Showman: Kyle Phipps - Del-

phos Reserve Champion Junior Showman: Kinsley

Harris – Helper 1st Place Futurity Female: Kolby Phipps - Del-

**MONDAY, JULY 13, 2020** - 9:00 AM We are moving and will sell the following items at public auction at our farm located from I-70 exit 275 at ABILENE, KS 6 miles

north on Hwy. 15 to stop sign, then continue 4 miles north on paved Hawk Rd. to 3400 Ave. then east 1 1/2 miles, or from CLAY CENTER, KS go 20 miles south on Hwy. 15 to mile marker 187 then 2 1/2 miles west to 1118 3400 Avenue. South side of the road. PICKUP, SKID STEER, TRACTOR, ATTACHMENTS, TRAILER & MISC: 2015 GMC Denali HD crew cab pickup, Duramax diesel, Allison 10 spd., loaded, rear window control, LT235/80R17 duals, mud flaps, Hillsboro aluminum flatbed with 5th wheel hitch, fold down sides & headache rack, 46,000 miles, excellent; John Deere 260 Series II skid steer loader, 2 spd, large frame, fully weighted, air conditioning, 14-17.5 tires, 864.4 hours, excellent; (2) 78" skid steer buckets, one with teeth, one with reversible blade; JD Pro 900 backhoe attachment, quik-tach, ser.# KVP900X200544, excellent; John Deere **3046R tractor with H165 quik-tach loader & C66 bucket**, hydrostat, 3 speeds, 2 hyd. services, 3pt. w/quik-tach, grill protector, 72" Auto Connect mower deck, 15-19.5 rears, 25x8.5-14 fronts, 541 hours, excellent; Hillsboro 33' flatbed dovetail 5th wheel trailer, 27' on the flat, tandem duals, king pin, virtually new; Baumalight 30KW PTO generator on wheels, like new; John Deere MX6 6' quik-tach rotary mower; John Deere 665 iMatch Autohitch 3pt. roto tiller, new; JD CA 225 Worksite Pro quik tach hyd. post hole digger for skid steer, 9" rock bit & 12" bit; another lg. bit; Kansas Klipper quik-tach 12" tree shear for skid steer, updated to specs, new cyl.; Pallet fork for tractor or skid steer; extra forks; JD Worksite Pro quik-tach bale spear, like new; JD #45 6' 3pt. blade; 8' 2 section pull type springtooth harrow; 3pt. 8' bedspring pasture harrow; JD one section drag harrow; JD #80 quik-tach tool bar with shovels & points; 1 row planter.

scaping; various limestone slabs & pieces; hedge roots & other yard art; 2 new 8' windmills in JD colors; 10G 12V sprayer; JD #50 & #80 trailers for lawn tractors; 540 PTO for garden tractor. TOOLS & SHOP SUPPLIES: 5 sections continuous interlocking industrial shelving up to 14' tall, nice; 12 sections of HD steel stackable shelving in 2 widths; welding table; shop cabinets; lg. True restaurant style stainless prep table with cooler below, great for deer or other uses; JD A50 space heater; JD 45EV and 65EV chain saws; acetylene torch; air compressor; Milwaukee chop saw; variety of wrenches and other hand tools; lots of Romex; electrical supplies; lots of ratcheting tie downs; new back pack sprayer; JD gas weed eater; 2 JD front tine tillers, 16 & 24"; Snapper snow blower; nice old JD standing metal corn sheller; small metal cabinet full of JD parts; smooth wire

LIVESTOCK EQUIPMENT, MINIATURE HORSE-DRAWN WAG-ONS, LANDSCAPING ROCK & MISC: BR bale feeder; 50 T-posts; 10 Big Valley gates in 6, 10, 12 & 16' widths; Central City model 615 platform scale with digital readout, nice; B&W companion 5th wheel hitch; category 4 receiver hitch; wood burning stove; 300 gallon fuel tank on stand; (2) 5' long miniature lumber/grain wagons, very nice and cute; 28' alum. light pole; shop built 4' sides for 24' trailer; misc. iron and parts; several large limestone rocks for land-

roller/unroller; Cobra Apollo projector; Rain Train sprinkler; Martinville 10" anvil; old syringes; other items too numerous to list. ALPACAS: 7 Alpacas and a variety of feeders, halters and other supplies for alpacas, all subject to prior sale.

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for Pictures & Any Updates or Additional Information NOTE: One of the cleaner farm auctions you will see. Not a lot of small items, sale will be over early. Most items have been shedded. TERMS: Cash or good check day of sale. Not responsible for accidents. CLERK: Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432

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Beautiful china cabinet: pedestal dining table & 4 chairs; Maytag washer & dryer; GE side-by-side refrigerator; Queen bed & night stand; Walnut buffet & chair; dropfront secretary desk with top china cabinet; antique Walnut marble top stand table; modern roll-top desk; Oak par-lor table; rocker; poster bed with matching night stand & dresser with mirror; 11-drawer chest; glider rocker; loveseat; computer desk; small armoire; large dresser: round pine table & 4chairs; 2 2-door wood file cabinets & one met-Walnut stand; dropleaf cart; 5-drawer chest; lyre back chair: stand with 2 drawers: stand table; 3 chests-of-drawers; sewing rocker; coat rack; storage bench; bookshelf; office chair; oval free standing mirror; wood & chrome cart/island; 3-drawer chest; 3 school desks; patio table; console TV stand; Philips TV;

shelves; table with drawers;

wingback chair; TV trays & stand; chairs; desk.

Set of Lenox china; Haviland plates; France pitcher; brass telescope & compass lamp: silverware; pots; pans; cookbooks; Corningware; casseroles; small kitchen appliances; linens; large vases; lamps; Pier 1 set of dishes; cups; glasses; stainless; stemware; very nice small brand name Ladies coats & jackets; card stock; office supplies; as-sorted nice pictures; towels; bath tub seat; commode; 3 walkers; vacuums; lanterns; books; VHS tapes; DVD's; Electrolux sweeper; baby gates; small iron stove; fans; Holiday decorations; Electronics; Toshiba portable TV; Large collection of figural Whiskey decanters; Master Mechanic tool chest; hand & hose & reels; lawn cart, chain saw; drills; shovels; lawn goose; exercise bike; variety of miscellaneous items. **GUNS** 

Thompson 50cal Black Powder rifle; Jukar Spain Black Powder rifle; Dikar Black Powder 45cal pistol; Jukar Spain Black Powder pistol; Valley

. Connecticut 12ga Black Powder shotgun. **JEWELRY** Ladies 14K gold (5.5g) neck-lace with 4-2 ½ x 1 ½ , 4-2mm

round & 4-2.2 mm square diamonds-very nice; Ladies 14K yellow gold fashion ring set with 4 round diamonds, 4 baguette diamonds, 4 princess cut diamonds; pair of 14K yellow gold hoop style earrings with 9 diamonds; 10K yellow gold Black Hills gold band soldered to a 14K yellow gold 3.5mm wide band; 14K yellow gold curb linked bracelet; various nice costume jewelry & jewelry boxes. **GAY WEISS ESTATE** 

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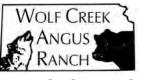
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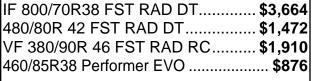
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technology in gathering

Alexander Graham Bell never imagined the smartphone most Americans EPDs (GE EPDs) take in

with a touchscreen didn't dream of such wonders a generation ago, and attitudes still vary. From bag phones to flip phones that can text to the latest with an app for everything, each

By Maeley Herring

down, said Bill Rishel, for progress.

the future," he began. Appreciating the past

"paradigm shifts" when new ideas suddenly supplant accepted or traditional ways.

tainly improved our indus-

often overlooked because of their widespread use today, Rishel said the data collection led to in-herd records, breed association databases and national research organizations. Artificial insemination.

ers, this innovation didn't ity."

and increased demand for Branded beef programs debuted in 1978 with live and carcass specifications to enhance consistency,

industry and the consuming public. It even helped reverse the serious decline in beef demand." The Beef Promotion and Research Act of 1985 provided structure and

requirements for the Beef Checkoff Program that works to benefit producers and consumers, he said. Expected progeny differences (EPDs) allowed

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**MISCELLANEOUS** 

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## Rishel says uation.

carry today. Even those person choses their level. Innovation presents the option to accept or turn

longtime Nebraska Angus producer, at the online 52nd Annual Beef Improvement Federation (BIF) Symposium. He challenged listeners to see change as an opportunity "I want to stimulate a new way of thinking about

That should begin with looking back to recognize

"The paradigm shifts over the past 50 years cer-

try and got us to where we are today." Rishel said by way of introducing seven that helped everyone from ranch to beef consumer. Performance record Significance systems.

Used since the 1950s by a few registered bull own-

show what it could do until the early 1970s. When its use was opened to all in the early 1970s, "We witnessed greater opportunity for genetic improvement and long-term sustainabil-Boxed beef fabrication lowered delivery costs, ensured product safety

Rishel said. "Standing behind the product was a pretty new concept to our

anyone to rank individual animals on their genetics. regardless of environmen-

tal differences, Rishel

said. EPD methodology led

to the use of ultrasound

carcass data for sire eval-

DNA studies and other

sources to find economic

Genomic-enhanced

merit in more cattle and in traits that are hard to measure. "The speed of development and adaptation of genomics has been revolutionary," he said. The seven innovations offered progress in genet-

ics, efficiency and profitability at each level. They also provide a "paradigm shift philosophy" for future management decisions. "Perhaps we can apply

some of that thinking to our business and industry as we charge forward into the next two decades," Rishel said. "The central idea to these dynamic changes is the desire to improve genetics and improve our enterprises."

### Looking forward Research proves the in-

dustry is continually improving beef production. "I believe we are just scratching the surface,"

Rishel said. "I have no doubt genomics are destined to play a much larger role," such as selection for strong immune systems, feed efficiency and carcass Beef quality is a key

focus, Rishel said, but that must expand to other consumer connections. "Producers are making strides in sustainability,"

he said. Cattle graze land unsuitable for crops and "upcycle" forage into that nutritious source of protein that is beef. Document conservation efforts that link livestock, wildlife, water and forage management, Rishel sug-

"We have a great story to tell," he said. "Many of our consumers, even the ones who really love beef, want to know that we are doing the right things for the environment and sustainability of our natural resources." If we were to look back

gested.

what would be our biggest accomplishment? "I hope the greatest paradigm shift would be our ability to accept change,"

Rishel said.

on the industry in 20 years,



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### grassandgrain.com Marlatt Apt. E to be stored for 30 days. Contact Jen with questions. 785-565-8594. Beef's paradigm shift should continue,

the first day of operation for the Ashland Veterinary Center in Ashland, Kansas. Randall Spare and his wife, Michelle, had recently purchased a struggling veterinary practice in rural Clark County and moved their young family to an area where cattle far outnumber people. As the practice grew and the need for another veterinarian became evident, Spare's search for a like-minded partner resulted in the addition of John Kellenberger in 1996. In 2003, John became

a partner in AVC.

Empirical data documents the odds for a small business in America, much less rural America, to succeed over decades is less than ten percent. Businesses that succeed over the long term have developed a culture of trust, service, integrity and professionalism. By keeping the goal of service

Ashland Veterinary

June 1, 1990, marked the first day of operation for the Ashland Veterinary Center in Ashland, Kansas. Randall Spare and his wife, Michelle, had recently purchased a

Ashland Veterinary Center has grown and currently employs five full-time veterinarians.

Center celebrates 30 years in business fective solutions helping producers leverage natural resources, human capatral resources, human capatral resources, human capatral resources to capture the most value possible in their cow-calf operations.

Time, advancing science and technology and the cyclical nature of food animal production have fueled remarkable industry-wide change. The AVC catchment area has evolved from largely stocker operations to predominantly cow-calf and seedstock operations. Today, AVC serves clients in 13 Kansas counties, five Oklahoma and two counties in Texas. The clinic provides small and large animal veterinary services in addition to comprehensive reproductive services for beef producers. The AVC team manages the herd health for some of the largest registered Angus seedstock producers in the U.S. as well as providing comprehensive services to com-



The AVC team, front left to right: Hailey Weber; Tessa Vandaree; Libby Farney, DVM; Rhiannon Hazen; Lindsey Tarby; Bailey Preedy. Back left to right: Kelly Deewall, DVM, Debbie Filson; Debby Fox; Ashley Senn; Hayley Cooper; Ashley Fischer, DVM; Randall Spare, DVM; Nick Brown. Far back: John Kellenberger, DVM.

mercial cow-calf producers and feedyards. The AVC bovine viral diarrhea (BVD) lab tests more than 30,000 samples each year to eradicate one of the costliest illnesses in beef production.

"Skin in the game" perspective has guided Spare and Kellenberger to seek practical, cost-efproducers leverage natural resources, human capital and creative management practices to capture the most value possible in their cow-calf operations. As new tools, such as genomic testing and advanced diagnostic testing become the norm, value-based marketing systems enable all producers' access to better marketing channels. In a rapidly changing consumer environment, sustainable profit and equity preservation is challenging. The AVC team comes alongside producers, assists them in creative risk management using sound health protocols, nutritional guidance and genetic selections, in addition to a commitment to exceed the need of every client they serve. For more information

For more information contact: AVC, W. Highway 160, Ashland, Kansas 67831 or call (620) 635-2641 or www.AshlandVetCenter.net.

## Large round bales lose value during storage

By Wendie Powell, Livestock Production Agent, Wildcat Extension District

Large round bales really ramped up their popularity in the 1970s, mostly because of their low labor requirements. Just one or two people can harvest and store these large bales. When you compare that to the crew of two to four able bodies you need for small square bales, there's quite a labor savings. Adding to that, producers found that these bales naturally shed precipitation and so could be stored outside, saving storage costs. Square bales have to be stored

While it is quite true that the round shape of the bale does allow rain to slide right off, coupled with the binding material – especially net wrap – some moisture is pre-

away from weathering.

vented from deteriorating the bale. Still, there has been quite a lot of discussion and research exploring the economics of storage systems for big round bales.

Generally, the value of a storage system depends on the projected hay loss while in storage and the price of hay when sold or used. If hay with a market price of \$80 per ton has a 20% loss during storage. then the value of the hay lost would be \$16 per ton. This cost of hay value lost added to the cost of the storage system, like an enclosed barn, gives the total storage cost, which can be used to compare various types of storages. One of the biggest problems in determining the total storage cost of a system is estimating the loss of hay value during stor-

ge. Dry matter losses can

reach 50% depending on bale quality, storage conditions and length in storage. Severe deterioration is usually confined to the outside two to eight inches of the bale. Depending on the bale's diameter, just two inches can represent over 10% of the bale's dry matter. The depth of weathering depends on many factors, including amount of rainfall and environmental conditions (temperature and humidity) during the storage period, the hay type and condition when baled, and bale shape and density.

Bales should be well-shaped and as dense as possible. One of the important keys to reducing weathering is the tightness of the outer layer of the bale. The tighter the outer layer, the lower the losses regardless of whether the bale was formed using a variable or fixed-cham-

ber baler. Outer layer "tightness," or density, is not easy to measure. One rule of thumb is to push on the outer surface of a newly formed bale with the palm of your hand. If you can depress the surface more than about a half-inch, the bale could undergo significant storage losses when placed outside and unprotected. If using sisal or plastic twine, wraps should be no greater than eight inches (preferably six inches) apart on the bale. This does, however, require additional time and expense during baling. If bales are stored outside, the added time and expense are easily justified. Research shows net-wrapped bales have storage losses similar to the standard plastic or twine wrap when the outer layers are the same density.

The storage site is an-

other important consideration in reducing bale losses. Store your round bales at a site that is not shaded and is open to breezes to enhance drying conditions. As much as 12 inches of the bottom of a bale can be lost through moisture absorption, so the area should also be well-drained. Ground contact can account for over half of the total dry matter losses. Where practical, keep bales off the ground using low cost, surplus materials such as discarded pallets, racks, fence posts, railroad ties, or used tires. Another alternative is to use a layer of crushed rock about six inches deep to ensure good drainage within and around the storage site.

Bales should be stored in rows, buffed end-toend. For maximum air flow and sunlight penetration, orient the rows in a allow at least three feet between each row. Vegetation between rows should be mowed. Research has shown that orientation is a minor consideration if the bales are used before early spring because the losses are relatively small until that time. If stored into the summer, bales oriented in an east-west direction can experience severe deterioration on the north-facing surface.

There has been quite

the north-facing surface.

There has been quite a lot of information gathered concerning the economics of large round bale storage. It all comes down to the value of the hay loss in storage. Ideally, the value of the lost hay would be recovered in material costs. I would be happy to chat with you about storage facilities and other options. I can be reached at (620) 784-5337, wendiepowell@ksu.edu.

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**Grass & Grain, June 30, 2020** ASA: court decision to back existing stocks authority is a solid one

American Sovbean Association (ASA) is pleased that the U.S. Court of Appeals for the Ninth Circuit has chosen to support the Environmental Protection Agency's (EPA) legal authority and deny a petition that sought to invalidate EPA's Cancellation and Existing Stocks

Order issued June 8. Con-

500-600#

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700-800#

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gress has provided for the certainty needed by growers in critical times - like planting season right now - by equipping EPA with the "existing stocks" authority it exercised in its June 3 guidance to grow-

Additionally, during its series of late evening orders June 19, the Court

granted both CropLife America's and a grower coalition's requests to file an amicus brief. The grower request was filed June 16 by ASA, American Farm Bureau Federation, National Cotton Council of America, National Association of Wheat Growers, National Corn Growers Association, and National

Sorghum Producers, and supports EPA's existing stocks decision. That brief highlighted the devastating consequences that would result if the NGO's request were granted and growers could not use existing stocks. EPA's long-established

policy and practice under FIFRA provides for an orderly management of the distribution, sale, and use of existing stocks of a formerly registered pesticide product, including - as in this instance - in the context of vacatur. Immediately banning use of existing stocks of Xtendimax, Engenia, and FeXapan would have financially devastating consequences on America's soybean growers, who have invested an estimated \$3.35 billion for soybean seed in 2020 and hundreds of millions of dollars more in herbicides, labor, fertilizer and other costs, expecting that over-the-top applications of dicamba would remain lawful.

American growers and the public are fortunate that a proper adminisview framework exists. Farmers use countless FIFRA-regulated pesticide products, including herbicides, insecticides and fungicides. They make planting decisions and significant, up-front financial investments based on the rules and regulations in place at the time plans are made. Soy farmers are dependent on those rules not changing in the middle of the game and are glad the Court got it right in these

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\$149.00-\$133.00

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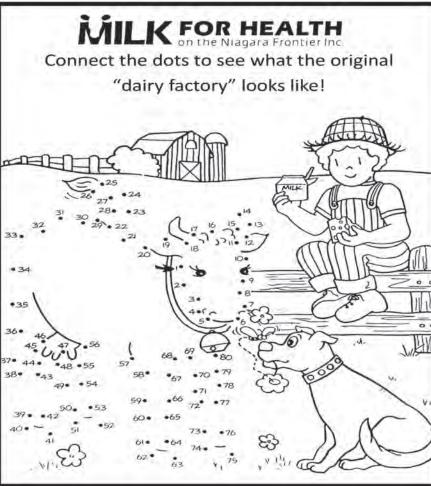
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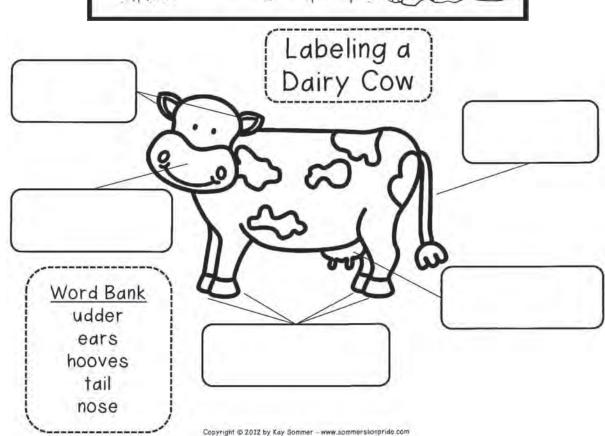
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June is Dairy Month!

**Enjoy** these themed activities.





### **KDWPT** considers closing Pillsbury Crossing Wildlife Area because of safety concerns Concerns over high for a scenic half-mile float visitors with public access numbers of visitors, illeto one of the most scenic areas in the northern Flint

gal activities, and complaints from area residents have staff from the Kansas Department of Wildlife, Parks and Tourism's (KDWPT) Public Lands Division considering a temporary closure of Pillsbury Crossing Wildlife Area. The 59-acre area which sits on Deep Creek just seven miles southeast of Manhattan - was donated to KDWPT in 1967. For more than 50 years, the area has provided day-use

Hills region, complete with a natural low-water crossing and waterfall. However, in recent years, the wildlife area has become a hot spot for activities not permitted on the premises, including alcohol consumption, off-road vehicle use, trespassing and other public disturbance-related issues. The recent uptick in visitation has also led to traffic congestion and overflow parking issues, which impact local traffic and first responders' ability to quickly access the area in an emergency. "This is a scenic area

that was intended to be a peaceful spot for families to enjoy, but crowds are getting larger and alcohol-related issues are becoming common occurrences," KDWPT Public Lands Division director Stuart Schrag said. "While our law enforcement staff continue to manage the area to the best of their abilities, Pillsbury Crossing may very well be closed if visitors continue to disregard posted notices and area regulations."

Pillsbury Crossing Wildlife Area is open daily from 6 a.m. to 10 p.m. During normal stream flow, the area creek makes

by canoe or kayak. Birdwatching, hiking, and fishing are also popular activities allowed on the area. "We want everyone

to enjoy Kansas' public lands," Schrag added, "But we'll never place access over safety. We need area visitors to follow the public lands regulations in place and think twice before they engage in activities not permitted on the area. If we can't get compliance, we'll be forced to temporarily close off access." Activities not permit-

ted at Pillsbury Crossing Wildlife Area that have led to staff and public concerns include: -The consumption of

alcohol and cereal malt beverages

-Swimming

-Accessing the area between 10 p.m. and 6 a.m.

-Operating vehicles out-

side of maintained roads To view a complete list of regulations for KDWPT-managed lands and waters, visit https://

Law-Enforcement/Regula-For more informa-

ksoutdoors.com/Services/

tion on Pillsbury Crossing Wildlife Area, see https://ksoutdoors.com/ KDWPT-Info/Locations/ Wildlife-Areas/Northeast/ Pillsbury-Crossing.

### REAL ESTATE & PERSONAL PROPERTY AUCTION

**SUNDAY, JULY 12, 2020** 

TIME: Personal property: 1:00 pm • Real Estate @ 2:00 pm

AUCTION HELD ONSITE: 11160 Cozy Grove - WESTMORELAND, KS **DESCRIPTION** 



Potential is the key word for this property. Nestled on just under 5 acres in the Rock Creek School District this home is ready for a new owner! The setting alone should sell the property with its mature trees and panoramic views as

it sets up on a hill. Then on the inside, you will find a 2 bedroom/1 bath layout with a formal dining area and over 1,200 sq. ft/ living space. Call Terri for a personal showing.

REAL ESTATE TERMS: Property sells AS IS, WHERE IS. 5% non-re-

fundable down payment is required day of sale by check. Buyer must be able to close on or before August 12, 2020. Buyer needs bank letter of loan approval or funds verification. Cost of Owners Title Policy to be split equally between Buyer and Seller. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller. **FURNITURE & APPLIANCES:** 

Oak 5 drawer chest w/door (old); bentwood chairs; old secretary china cabinet; 5 drawer chest; 4 drawer waterfall dresser; old 3 drawer dresser w/mirror: old plant stands; old tables; oval wood dining table; old wood rocker: cedar chest: cane bottom chairs; old oak office chair; 2 drawer ornate cabinet w/door brass bed: 3 drawer dresser w/ glove boxes; old mirrors; approx. 40 metal folding chairs; New Home sewing machine stand/table; old wood benches; step stools; 2 locking cabinets; 2 drawer locking wood file cabinet; wood desks; old wood cabinet; trunks; unique wood pcs.; Singer sewing machine in cabinet Oster microwave; new electric wok; Bella elec. skillet. GLASSWARE, **ANTIQUES** & COLLECTIBLES: sev. pcs.

moonstone; crystal; lots of stem ware: cut glass; art glass; bubble glass; sev. hand painted bowls and plates (Germany & others) Shawnee Corn King (cookie jar & butter dish); 50's salad bowl set; Polish pottery; pink & green de pression glass: Bartholoma pottery; Garzio t-pot; Coors pottery; Root mason jar (blue); Globe mason jar (blue); Pine mason jar; Economy jar (purple); old bottles; sev. pcs. blue fire king; old insulators; old milk can; barn lanterns; lg. granite roaster; lg. granite grey handled pot; lots of other graniteware; gal. sq. wash tubs on stand; gal. tubs; lots of old door knobs (glass & porcelain): tractor seat stool: Franks. a quality beverage wood box; lots of old hand tools; lead pot; Chrom-Ever electric fan: Millefiori paperweight; lg. crock bowl & other crock bowls; crock jar; brown handled crock jug; 4 gal. Red Wing crock; brown crock; wood tray (Rick J. Johnson-Ols-burg, KS); Longaberger baskets; old cookie cutters; old fixtures & light globes; 1902 "I made Chicago Famous" C.I. pig bank; old C.I. bull bank; C.I. tea pot; lots of old books (1905-1910 implement directories; Ten Cent classics: Poplar Education Library Moodyville Journal; Dwight D. Ei senhower; Symphony in the Flint Hills (Volumes 1 & 3); old John Deere operating manuals; other farm implement manuals; little golden books, barn books, poem books, agriculture engineering books, Ghost town books; Fos-toria The Little Town Time Forgot 1882-2000 volumes 1 & 2, One Hundred Years in Rock Creek Valley book, Pioneer Women); lots of old pictures; linens & doilies; lots of costume jewelry (some 14 k & sterling); Army pillow sham; old silverware; silver tea set; 1961 K-State vs. Indiana Souvenir program; 1963 opera program; sm. Moonlite mantel clock; old marbles; old kerosene lamp; Viewmaster in case w/discs; brass horse head bookends; old post cards; Prince Albert tin: Salem & Camel lighters; foreign money; 1776-1976 Liberty dollar; 1921 silver dollar 1926 Liberty silver dollar: sm old wheelbarrow; quilts; material quilt pcs.; buttons; wood hankie box; Stanley No. 68 wood ruler; lke and Humphrey campaign buttons.
YARD & TOOLS: Snapper riding

mower; Lawn Boy push mower metal lawn chair; garden tools post hole diggers; reel mower benches w/iron wheels (2); Werner 9' fiberglass ladder, extension ladder & others; air bubble; gas cans; misc. hand tools; ex tension cords; 5 new rolls of Red Brand barb wire; T-posts. MISC: John Deere Peter Pick

up Bank (new); knick knacks; cookbooks; Corning Ware; Pyrex; pots and pans; s.s. bowls; kitchen utensils; lg. alum. ket-tles; wicker baskets; sewing items; Singer Buttonholer; material lots of Christmas; old farm machinery; stock trailer; snow fence; vaccination syringes; Lumex walker w/seat (new); other handicap equipment; & LOTS MORE!!!

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### The Taste of Change

By Nicole Erceg

I don't remember the

first time I ate it nor the last, I just remember that it tasted terrible. My mother called it "Uschi's Omelet," a nod to her mother's German name, as she passed on the mushy, messy baked

Truthfully, none of us liked it, but we didn't dare say so because serving it every Christmas made Mom feel connected to the ones who no longer sat around the table.

In the cattle business, tradition is everywhere. It's the fence posts put down by a generation before, the tricks dad taught of how to use baling twine to "fix" a farm truck door, and how to tell when a calf is sick. It's in the whisper of the wind through the grass, knowing the ground

beneath your boots is open

with opportunity because of family members you never got the chance to

The rituals of those before us are the harvest we reap today.

Mom caught us all one year scraping the bits we couldn't choke down into the garbage and we confessed our disgust for the dish. It didn't mean she stopped making it change isn't easy.

Change disrupts the reliable good from the way things have always been. Sometimes, it can feel like we're dishonoring the ones who have gone before by drifting from their trustworthy well-worn paths.

In 2020, change and disruption have been around every corner. Things look different in our newsfeeds, but the cattle in the pasture feel the same, undisturbed by the stressors swirling around us.

The cows may not know it, but it's a different world we're living in.

As the headlines fade into history, much will look the same on the ranch. But since change defines this year, let's take a look at what should be changing in our businesses.

This calving season,

does the calving barn dad built in the '50s feel nonfunctional with the cow size you have today? If vou've always selected for maternal performance in the cow herd and carcass traits in the calves you'll feed, is it time to select for both? Maybe this weaning season will be extended. presenting opportunities to change up your traditional 30-day program or explore different market-

Looking for a chance to change can highlight the best traditions we need to hold on to. These past

ing avenues.

months have shown the

U.S. cattlemen's dedication to quality and consistency is still vital to future success. As restaurants reopen, they're looking for points of differentiation. demanding Prime beef and branded programs that drive value back to the ranch.

**Grass & Grain, June 30, 2020** 

The ones whose legacy we carry were probably never dealt a global pandemic. They didn't have to work to please today's consumer. They didn't have data and technology at their fingertips like we do today.

The repeating rhythm of the seasons offers predictability, we know what's up ahead. The heritage and tradition grounds us and though we've been dealt a different hand, those who play it smart will continue to carry on. It's a careful balance of combining the best tradi-

tions of the past with innovations of today that result in a better product for our customers at the end of the

Every year, Mom will still ask if we want her to make Uschi's Omelet, though she knows our answer. I never met my grandmother, but the stories and the ability to sew are traditions from her that won't die with me, though I hope the legacy of that recipe does. Now my family enjoys a holiday breakfast of cinnamon rolls, and the

For Mom, it's served with a small side of sadness, though she admits a better eating experience for all is worth embracing a little change.

taste of change is sweet.

Next time in Black Ink® Miranda Reiman will talk about not so trivial pursuits. Questions? E-mail nerceg@ certified angus beef.com.

### Wheat industry applauds bipartisanship around the Grain Standards Reauthorization Act Recently, the U.S. Senate Committee on Agriculture Association of Wheat Growers President and Cass City,

held a business meeting to markup the United States Grain Standards Reauthorization Act of 2020. The National Association of Wheat Growers (NAWG) and U.S. Wheat Associates applaud the Committee for their bipartisan work to move the bill forward and reauthorize the GSA through September 30, 2025.

"Thanks in part to the advantage and premium international buyers place on the grain inspection system, U.S. wheat continues to maintain its competitiveness in the international market. Given the current uncertainty in trade agreements and many of the bearish factors working against U.S. wheat exports, it is critical we maintain one of our key advantages," said National

Mich., farmer Dave Milligan. "To avoid any disruption in inspection services and keep the flow of grain moving NAWG encourages Congress to act quickly to reauthorize the Grain Standards Act before expiration in Septem-

The United States Grain Standards Reauthorization Act of 2020, introduced by Committee Chairman Pat Roberts (R-KS) and Ranking Member Debbie Stabenow (D-MI), extends the authorization for the Federal Grain Inspection Service of the U.S. Department of Agriculture to continue providing inspection services and to maintain an official marketing standard for certain grains and oilseeds. On July 31, 2019 Kansas wheat farmer Brian Linin testified to the Senate Committee on Agriculture on behalf of NAWG in support of reauthorization of GSA. Linin also serves on the Kansas Wheat Commission and is a U.S. Wheat Associates board member.

Our exports markets are critical to U.S. wheat farm ers' bottom lines as they see 50 percent of U.S. wheat exported each year," said U.S. Wheat Associates chairman and Paulding, Ohio, wheat farmer Doug Goyings "The grain inspection system is one of our key advantages over our competitors that has helped wheat and other U.S. commodities grow export markets. Our overseas customers value the independent system in place through the Grain Standards Act."

### A roundup on Roundup

Recently a federal judge in California ruled the state could not require a cancer warning on glyphosate products, such as Roundup. According to Agri-Pulse, Judge William Shubb stated such labels would be "misleading" to consumers and emphasized that, 'every regulator of which the court is aware, with the sole exception of the IARC (International Agency for Research on Cancer), has found that glyphosate does not cause cancer or that there is insufficient evidence This particular lawsuit brought in 2017 against

the State of California by the National Association of Wheat Growers (NAWG), other grower groups and Monsanto – which was purchased by Bayer in 2018 – is one of thousands addressing the safety of Roundup over the past several years. Separately, Bayer reached a \$10.5 billion settlement

with 95,000 plaintiffs in these lawsuits who alleged the herbicide causes cancer. On its website Bayer stated, "The resolution Bayer

has reached will bring closure to the vast majority of the current Roundup™ product liability claims, while also establishing a framework to resolve the remainder of the pending litigation. The resolution also puts in place a mechanism to manage and resolve potential future claims efficiently." Glyphosate, the active ingredient in Roundup, is

one of the most widely used herbicides worldwide. Soy growers and other farmers depend on glyphosate products as part of their arsenal for safe, effective weed control, to enable low-till farming practices, reduce greenhouse gas emissions, and preserve more land for American Soybean Association believes in a sci-

ence and evidence-based regulatory system for crop protection tools and relies on decades of research to support glyphosate's safety and important benefits to agriculture sustainability. ASA recently joined litigation as an intervenor on EPA's behalf against a lawsuit challenging EPA's interim decision to re-register gly-

## Pioneer launches new mobile tool to identify pests, diseases and deficiencies in crops

leased a major update to its Pioneer Seeds App with a new tool: Threat ID. This technology delivers farmers access to cutting-edge pest, disease and deficiency identification technology for their crops in the palm of their hands.

Threat ID, powered by Plantix, allows farmers to detect issues impacting their fields by simply taking one crop photo. It then recognizes the specific patterns left behind by pests and provides an immediate identification of the most likely pest or disease threats and nutrient deficiencies. Threat ID boosts the efficiency of scouting and allows farmers to schedule follow-up consultations with their local Pioneer agronomist.

"Threat ID, as part of the Pioneer Seeds App, empowers growers to make more rapid and informed decisions regarding issues they see while walking their fields," said Jeremy Groeteke, U.S. Pioneer Digital Ag Lead. "With the ability to effectively identify crop issues, growers can more easily leverage the Pioneer agronomy team to its full capacity to get treatment recommendations that help maximize seed investment and protect yield potential."

ing technology that covers 30 crops, including corn, soybeans, wheat and sorghum. With an ever-growing catalog of 20 million photos spanning the entire life cycle of crops,

Threat ID uses model-

rate results throughout the entire growing season. Farmers can get instant results by taking a photo using Threat ID while in the field or by uploading it later when an internet connection is available. With the threat identified, farmers can then access the extensive agronomic expertise of international crop scientists and local Pioneer agronomists for treatment recommenda-

"Adding Threat ID to the Pioneer Seeds App is a result of a strong collaboration between Corteva Agriscience and Plantix. Groeteke said. "We're excited to add this new tool to our already comprehensive package of digital solutions for farmers."

oneer Seeds App suite of digital agronomy tools, in-

ture yield estimates using a smartphone or tablet

Digital Tag to get detailed information about a

Rate Estimator to determine optimum seeding rate for maximized performance

Vegetation Index to check on relative health

The Pioneer Seeds App with the Threat ID update is available for download at no cost at the Apple App Store or on Google Play.

## KENNETH CRAIGHEAD ESTATE AUCTION

SATURDAY, JULY 11, 2020 — 9:00 AM 2325 14th Rd — WESTPHÁLIA, KANSAS 66093

2014 Kubota L3901 Tractor w/LA525 ldr, hydro, 130 hrs, 1 owner; Land Pride box blade 5'; 7' 3 pt blade; 5' 3 pt Howse Rotary mower; New Mil waukee 2 ton electric hoist; Rogers 5500# pallet jack; Little Giant fold up ladder; Laser compound miter saw; other power tools; Lots of good misc tools; ANTIQUES: 1920's Roper Green enamel gas cook stove; Lg Oak Rolltop desk; Unusual slant top wooden truck; Wash stand w/ towel bar; Old tins incl RB Rice lard bucket; Old Books; Hanson Texas Cotton scale: Howe platform store scale on tall metal stand; Black Hawl hand corn sheller; Unusual Ig wooden hand corn sheller; Unusual cas iron kettle w/stand; Cast iron boiler; lard press; Iron skillets; Galvanized bushel basket; Pallet of Old wooden fence pickets; And lots of other interesting old stuff not listed!! Old Toys & Games inc: Euclid to earth mover (original Army green) Happy Time Farm metal barn; Gené Autry holster & 1 gun; Lionel 6042 Train; True Scale Farm Set (tractor w/ldr, spreader, plow, wagon, disk, in box shaped like a barn, will sel as 1 unit) '50s tabletop Pachinco pinball type game; Lawn & Garden Household; Metal store shelving out of Burlington Shop Ko store; Bldg supplies; Hunting & Fishing: Like new Ig Field & Stream Gun safe; Decoys; Hunting & Camping equip; Large Collection of Ducks Unlimited Collectibles selling 1:00 PM inc: Lg amount of hand carved & hand painted Wooden decoys; Pictures; Stamps; Framed Stamps;

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### Cow plasma provides COVĪD-19 antibodies A South Dakota company expects to start human trials

next month for a COVID-19 antibody treatment derived from the plasma of cows. CNN reports. The cows were genetically engineered to give them an immune system that is part human so they produce disease-fighting human antibodies to COVID-19 that are then used in a drug to

"These animals are producing neutralizing antibodies that kill (the novel coronavirus) in the laboratory," Eddie Sullivan, CEO of SAB Biotherapeutics said in a statement to CNN. "We are eager to advance to the clinic as we move forward in the regulatory process with the hopes of bringing this potential COVID-19 therapeutic to patients in need of a solution.

The company did not say how many people would be studied in the clinical trials or how long they would take.

Threat ID joins the Pi-Statues; Other misc Ducks Unlimited Collectibles. Large, large auction! Possibly running 2 rings part of the day. Complete sale bill & pictures: www.kansasauctions.net/kurtz Yield Estimator to cap-

### SATURDAY, JULY 11, 2020 10:00 AM LOCATION: 211 Hill Street - BEATRICE, NEBRASKA PICKUP - JEEP - TRAILER

\* 2011 Ford XLT F-150 Ford Super Crew 4-DR, 4-WD, VIN: TFW1EFXBFC34965, 23,465 Miles, 5.0 Engine, AM-FM-Disc radio. elec cloth seats w/flip console, Ford running boards, Delta tool box & Goodyear 18" rubber – EXCELLENT PICKUP 1995 Gold Star 7'x18' flat-

bed trailer w/24" beavertail, ball hitch, tandem axle, hyd. tilt wood deck, 6 bolt wheels w/15" rubber 1950 Willys-Overland G13A Jeep, not running TRACTOR

1949 Ford 8N tractor, 3 Pt, 4

speed, motor loose but not run-

ning; Ford 3 Pt 5' blade. **TOOLS** 

Clark HD 14-drawer stacked tool chest w/rollers; K & F 10" table saw; Vise Grips (45); Am Tool locking pliers; Quick Grips (10); Craftsman locking pliers; combination hand wrench sets; spring clamps (16); Quick Grip bar clamps (6); Ridgid pipe wrenches & others; Irwin spade bits, drill bits & driver sets; Pittsburgh deep well sockets, 7/16 – 1 1/4"; Ches-

co 18 Pc hex set; Ryobi 10" miter saw; B & D 10" buffer; elec drills; DeWalt reciprocating saw; rt angle grinders; 7 ¼" power saw; B & D cordless drill; Craftsman auto hammer; HDC 1/2" hammer drill; Sanborn HD 3-way spray gun; solder guns; CH 1 ½" brad nailer; Schumacher 6/12 amp battery charger; pneumatic 3 Pc Air Pro; Cummins elec ½" impact wrench; CH 2hp air compressor & air bubble; Clarke air compressor; Craftsman ¼hp bench grinder; Work Mate work bench: Exide 12 V battery charger/starter; 2 3/4 ton Speedway Series hyd floor

jack; 2000# hyd floor jack; old welder w/leads; Black Hawk 7 Pc 3/8" drive flex sockets: deep well sockets; Craftsman – Black Hawk S & K: ratchets, sockets, & extensions: torque wrench: Irwin 5 Pc bolt grip; nut driver sets; (3) 4' bar clamps; screw drivers; adjustable wrenches; plumbing pliers; bolt cutters; Cummins pry bar set: tin snips & cutters: crow bars: 4-way spinners; tie rod separator; 8 gal wet/dry 1 1/2hp vacuum; CH air hose, air accessories & air gauges; hammers & mallets; Irwin straight lines & knee pads; MISCELLANEOUS TOOLS & ACCESSORIES.

LAWN \* GARDEN Pro Lift hyd lawn jack; Craftsman

V Twin DLT 3000 25 HP deck riding mower; MTD 5 hp chipper/shredder; Snapper 22" S P lawn mower; Tru-Test Deluxe 5 hp - 20" snow blower: FIMCO tank pull type 2-wheel 20 gal sprayer w/40" boom; Klean Ma-chine Coleman 1310 PoweMate elec pressure sprayer; Homelite XL chain saw; B & D Dbl side hedge trimmer; 4-wheel poly tub lawn cart; 14" aluminum ext ladder; large Brinkman propane grill; aluminum keg grill. **HOUSEHOLD GOODS** 

Vizio 60" flat screen TV w/3-tier

glass stand; 42" flat screen TV; W P Accu Wash washer & W P Accu Drv elec drver; Kenmore side-byside refrigerator w/ice &water in door: Kenmore microwave: Coronado 16.7 cu ft refrigerator Gibson 16 cu ft refrigerator; Dbl pedestal wood grain 56" kitchen table w/17" leaf & 4 armed roller chairs; Lay-Z-Boy end recliner sofa & recliner: overstuffed recliner; 3 Pc headboard bedroom set

w/Dbl size box spring/mattress; pine chairs w/cushioned seating; oak entertainment center: Sanvo 4 head VCR; Bravetti elec oven; Rival food slicer; wire mesh patio table w/4 rocking chairs: dressers; kitchen bakeware & utensils; walker w/seat & hand brakes & OTHER ITEMS.

**COLLECTIBLES** 

Cecilian oak cabinet phonograph & records; Trustone elec cabinet radio; Cream can w/brass label "Barnard - Beatrice, NE"; Comfort wood burning stove; 4-15-1968 Tote Systems employee framed picture: Dr Pepper 10-2-4 bottle top wall clock; Hamm's plastic beer signs; beer mugs iron treadle sewing machine base; homemade 3' windmills; wooden umbrella clothes dryer; wooden half bushel baskets 1½ x 10 screw jack; 15-Cent to \$1.00 comic books: oil lantern: 30 Pc doll collection & others; pine cradle; toys; doll chairs; Child's rocker & chair; Underwood typewriter; (2) large glass dill pickle jars; fruit jars; oriental tin shade lamp; wall mount tear drop globe fire extinguisher; Popeye Dance Party record player, also Steelman record player; tricycles; (4) metal lawn chairs; blue glass juicer; stock car racing magazines canner; cook books; Busch aluminum keg; wooden high chair; press back chair; Hereford Bull chalk bank & OTHER SMALL ITEMS. MISCELLANEOUS Diamond Point pickup tool box; AMOCO kerosene heater; im-

plement tool bar; 24"x8"x8' box trap; 2 wheel freight cart; met-al 3 drawer work cabinet; peg board back cabinet work station; ratchet straps; bow saws; levels; saw blades; paint brushes; Motorola Walkie Talkies; jars; yard darts; Master Mate tool box; ext cords; lawn & garden supplies; elec leaf blower; concrete yard ornaments; (3) shepherd's hooks; car ramps & stands; log chains; CB radios; Zebco rods/ reels, bait boxes, tackle & nets Quaker State oil; auxiliary lights; gas cans; hoes-rakes-shovels & MUCH MORE.

### THURSDAY, JULY 16, 2020 6:00 PM

Location: Pioneer Acres, 1029 Frontier Road - BEATRICE, NEBRASKA 4 Pc king size bedroom set w/60" **AUTOMOBILES** 12-bottle case; pig figurines; 10 gal Western "leaf" crock w/crack; 5- state framed quarter collection; tall head board: 3 Pc bedroom

• 1992 Chevy LT1 Blue Corvette, 2-Dr Coupe, VIN – 1G1YY23P8N5108255, 6-Spd, 68,852 miles, Michelin 275/40ZR 17 rubber 2004 Dodge Ram 3500

**Quad ST/SL 4x4** diesel pickup, VIN – 3D7LU38C94G255643, Cummings 24V turbo engine, 268,769 miles, B & W turn-over ball hitch full size box and Michelin LT265/7R 17 rubber To view vehicles: Call Dennis

Henrichs: 402-239-8741 or Ryan Sommerhalder: 402-335-7937 **HOUSEHOLD GOODS** 

LG Inverter direct drive front load washing machine & LG Sensor

Dry front load dryer, both pedestal bases, (Look New); LG 54" flat screen TV w/base; WP 14 cu ft refrigerator; WP 30" elec range; HB microwave; 70" (4) leg wooden dining table, 18" leaf & (6) chairs; metal base glass inlaid end table set; Ashley Sleep "pillow top" king size box spring & mattress;

set w/full size bedding; Pioneer stereo system w/amplifier & 30" speakers; dehumidifier; magnify reading lamp; card table & fold ing chairs; pine "S-curve" roll top desk; 4-drawer metal file; paper shredder; walker w/brake & seat; elec oil heater; Teeter Inversion table; Gazelle ski machine; rower exerciser; DVD/VHS player; touch & table lamps; kids games: Sorry, Monopoly, Chess & U of NE College bean bag toss game; MEUCCI pool cue in case; 3 D lighted wall aquarium picture; covered Pyrex dishes & other kitchen items & Other Clean Items. **COLLECTIBLES** 

Framed Omaha Stock Yard print; chalk Hereford Bull bank; pig

bank; Play Boys 1989-2000; Han

son spring scale: older metal "cat-

tle crossing sign; wheat pennies; Johnson Co 1933 license plate;

Pawnee Co 1963 license plate; 1951 NE license plate & 1955

NE trailer plate; Falstaff plastic

records; 200 C D'S; cassettes; bird cage & Other Small Items. **MISCELLANEOUS** JD 525 zero-turn 48" riding mower; DeWalt ½"18V impact drill 7 1/4" circular saw & 4 1/2" angle

7 ¼" circular saw  $\alpha$  + /2  $\alpha$  grinder; Schumacher 50amp battery charger; Blackhawk 2 ton hyd floor jack; Husky 1 ½ hp 3 gal air compressor; McCulloch Pro Mack 10-10 chain saw; Echo

CS-370 chain saw; B&D Dbl side cordless trimmer; S&K 3/8" & ½" socket sets; S&K hand wrench es; Great Neck chrome impact sockets; large hex bit set; Quick Grip 38" bar clamps; Ace 7 Pc nut driver set; screw driver sets: electrical & auto wiring fastener sets; Black Jack auto creeper; 9 gal air bubble: 6 ton bottle jack Drill Doctor bit sharpener; hole saws; drill bits; Irwin 12" bow saw; chrome 4-way spinner; ball hitch receivers; 5 gal shop vacuum; aluminum keg; grease guns; 3-step ladder; Keller fiberglass 6' step ladder; 4-step aluminum ladder: fertilizer spreader; wheel blocks; ext cords; metal leaf cart; 2-wheel appliance cart; (2) bags Kentucky Blue grass; Midland weather alert; Escort Max radar detector; Tasco 59T telescope w/525 power; tent; Top Flite XL RH golf club set w/pull cart; plastic chicken crate; spades-shov-els-rakes & garden hose & Other

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### Kansas NRCS announces funding to assist farmers impacted from Tuttle Creek Lake floods

The U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) is offering a special Environmental Quality Incentives Program (EQIP) sign-up for farmers adjacent to Tuttle Creek Lake impacted by summer flooding in 2019.

Areas applicable to this project include privately held agricultural lands flooded due to excessive rainfall. This sign-up provides technical and financial assistance to help farmers with native grasses, terraces, and grassed waterways. The deadline to apply is Friday, July 17, 2020. Please contact your local Service Center for more information.

Most USDA Service Centers are open for business by phone appointment only. Producers wishing to conduct business with NRCS are required to call and schedule an appointment. Field work continues with appropriate social distancing and staff continue to work with producers by phone and online tools. More information and location of Service Centers can be found at farmers.gov/coronavirus.

### UPCOMING AUCTIONS

ABSOLUTE REAL ESTATE AUCTION: THURSDAY, JULY 9 - 7 PM 107 S. Rothsay Ave, MINNEAPOLIS, KANSAS

LARRY HOLT ESTATE AUCTION: SATURDAY, JULY 11 - 8 AM 237 E Shipton Road, SALINA, KANSAS

GUN ESTATE AUCTION: SUNDAY, JULY 19 - 1 PM 411 E. Walnut, SALINA, KANSAS HOFFMAN ESTATE AUCTION: SATURDAY, AUGUST 8 - 10 AM

1103 Sioux Road — LINDSBORG, KANSAS Contents & Bean house (to be taken down & removed from property)

GUN AUCTION: SUNDAY, AUGUST 30 - 1 PM 411 E. Walnut, SALINA, KANSAS • APPROX. 100 GUNS!

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## U.S. lamb retail sales data released for first quarter 2020

for consumers to cook more meals at home and explore new products including lamb. The new retail data released by the American Lamb Board (ALB) quantifies the growth in retail sales for all lamb (domestic and imported) during the first quarter of 2020. Retail sales data analyzed by IRI/FreshLook Market-

ing show pounds of all lamb sold at multi-outlet supermarkets in the US in the 13-week period from January 1 through April 19, 2020, increased 8.5% compared to the same period in 2019, hitting 16.4 million pounds and \$133.9 million in sales. As previously reported by ALB, Easter week sales of fresh lamb were strong with more than \$19 million in sales across the U.S. Total dollars spent on all lamb at retail during the

first 13 weeks of 2020 increased 13.4%. With prices on the increase for all meat categories, lamb held its own with consumers' pocketbooks. In the most recent 4-week period, all lamb dollars were up 11.7% and pounds purchased increased 3.4% over the same period one year

While recent data helps quantify the short-term picture, the IRI/FreshLook analysis also looked at longer term. Comparison of the current 52-week period to the prior 52 weeks shows a 2.8% increase in lamb pounds and a 3.6% increase in dollars.

Loin was the most popular lamb cut at 25% of pounds. This is an increase of 10.5% compared to last year. So far in 2020, ground lamb retail sales are tracking higher.

The Northeastern states continue to lead the nation in lamb consumption, accounting for about 30% of dollar sales, and up 6.8% compared to the previous 52 weeks. California saw the next largest increase at 5.6% followed by the Mid-South (4.2%).

The full Fresh Meat and Lamb Review report for retail sales through April 19, 2020, is available for the American Lamb industry at https://lambresourcecenter. com/login. Members of the industry can apply for access by completing the online form.

### K-State researchers test ways to slow pigs' growth only vitamins and miner-

Kansas State University swine researchers are reporting results of a study in which they were able to help producers slow the growth of pigs during the COVID-19 pandemic while they waited for packing plants to re-open.

Their findings, they say, could be important any time markets are disrupted, whether that be for a global pandemic or other industry challenges. Mike Tokach, a swine

nutritionist with K-State Research and Extension and one of the lead investigators, said the study focused on reducing protein sources - namely amino acids - from the animals' diet. They focused on pigs weighing 200 pounds, targeting the last 70 to 80 pounds those animals needed to reach market weight.

"We were able to buy 3 1/2 to four weeks of extra time to get those pigs to market," Tokach said. "As many know, that was really crucial when we were going through some of the slowdowns (at packing plants, which caused a backlog of pigs on farms).

Buying that extra 3 1/2 weeks allowed some of our producers to keep their pigs on the farm longer, while not getting them too heavy and still fitting into the packer's window in terms of weight ranges." Amino acids are the

protein, or muscle, and are beneficial to a pig's growth. Lysine is an important amino acid often used in pigs' diets. "If we limit the intake of amino acids, that an-

building blocks for animal

imal simply isn't able to grow as fast," said K-State swine nutritionist Joel DeRouchey. "Ultimately that was our goal: to slow down growth while they're still consuming a full amount of feed."

DeRouchey said the researchers tested four diets to compare the effect of reduced lysine on pigs'

A diet with normal amounts of lysine for the entire late finishing pe-

A 'slow' diet with normal amounts of lysine until the final two weeks of feeding, then a cornbased diet that included A 'slow' diet with re-

duced amounts (25%) of lysine the entire late finishing period. A 'slow' diet with re-

duced lysine (25%) until the final two weeks of feeding, then a corn-based diet that included only vitamins and minerals. "Ultimately what we

found through this research is when the pigs were on a slow diet, we reduced their growth performance fairly substantially," DeRouchey said. "In fact, they were about 14 pounds lighter at the end of the 44-day finishing period by feeding reduced levels of amino acid."

He added: "Interestingly, when we put them on a slow diet then moved them to a corn-based diet, they gave up another 12 pounds, or were about 26 pounds lighter after a 44day feeding period, which is very substantial. Those diets achieved the goal of holding those pigs while they're still consuming a full amount of feed."

Tokach said there were several positive outcomes of the study.

"One that producers have foremost in their minds is the welfare of the animal," he said. "You want to do something that's not going to harm the pig while...producing a safe and wholesome food product at the end."

The researchers also noted that while some swine producers in other Midwest states made the undesirable decision to euthanize animals this spring, they are not aware of any Kansas producers that went that route. Many of those producers, they said, were using the holding diets prescribed by K-State's swine nutrition

"One thing we learned is that you don't want to start these low-protein diets too early," Tokach said. "If we start them too early in the pig's life, when they have very high levels of protein deposition, we can cause some vices (problems) to occur, and that's when you have some difficulties on the animal welfare side. But if we start those diets after they are 200 pounds or heavier, we have not seen any adverse effects with

the pigs." DeRouchey that one consequence of keeping the pigs on the farm longer is that feed efficiency - or the average cost of feed per pound of gain - is poor compared to normal times.

"But when you're in a situation that you can't take those pigs to market and they're already getting close to market weight, your goal is to minimize the cost of keeping those pigs around another day," Tokach said. "So even though feed efficiency is poor, the cost of that diet is so much lower when we aren't including protein (amino acids). So, your actual cost per day is lower for the pig that is fed the corn-based hold-

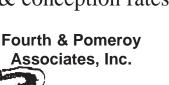
ing diet." Tokach said K-State graduate student Zhongxing (Johnson) Rao and veterinarian Jordan Gebhardt were instrumental in gathering the research data. Their work, he noted, helped to provide a viable option for swine producers.

"Hopefully, we won't have to use a strategy like this in the future, but if we have to, I think we have a pretty good idea of how we can prescribe the levels of performance that we want to achieve," he said.

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## Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Joseph Ebert, VP

Report from June 24, 2020

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**Back to Regular Sale** Schedule July 8th

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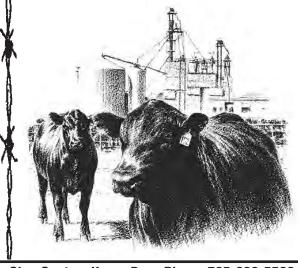
Cattle sales Tuesday, 11:00 AM.

**UPCOMING SALE SCHEDULE:** 

June 30th - Cattle Sale

July 7th - Back to Reg. Cattle Sales! July 11th - Sheep & Goat Sale!!!

**NEXT SHEEP & GOAT SALE** \*DATE CHANGE\* SAT., JULY 11



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LYNN LANGVARDT

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

505 LOT COIN AUCTION **SATURDAY, JULY 11 — 10:00 AM** NEW LOCATION: 2931 W. 24th — EMPORIA, KS PREVIEW (day of): 8:30-10 AM LOTS OF SILVER! See our website for pictures and to print your list

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FEED

KARL LANGVARDT

MITCH LANGVARDT Cell: 785-499-2945 Cell: 785-761-5814

Cell: 785-761-5813

The university received \$1 million to establish the International Wheat Yield Partnership's (IWYP) Winter Wheat Breeding Innovation Hub. K-State will lead the effort to evaluate research findings from several IWYP projects that contribute to "significantly improved" wheat yields, according to officials.

Hub partners will seek ways to stack - or combine - desirable traits from those projects into elite winter wheat varieties for U.S. growers. Desirable traits may include genetic improvements that make winter wheat more resistant to pests, disease or drought, thus improving its yield potential.

Eduard Akhunov, a K-State wheat geneticist and the project's principal investigator, said that stacking desirable traits (called trait packages) in wheat varieties helps researchers "deliver key yield traits to U.S. growers as quickly as possible to reverse the declining trend of winter wheat acreage, and add significant economic value to the U.S. and global wheat industries.

Akhunov said the hub is a public-private partnership between national and international wheat breeding programs, government organizations and industry.

"This partnership is established to maximize the value of research investments for the benefit of global agriculture by translating research findings into commercial breeding products," he

It is estimated that the world's wheat production must double by the year 2050 in order to meet the needs of a population expected to surpass 9 billion people. Akhunov said researchers around the world already are working on that challenge, having discovered many valuable agronomic traits that pave improvements.

industry."

"To fully implement these advances in breeding programs, we must put together a systematic effort to transfer traits to elite lines that are relevant to regional breeding programs," he said. "Grain vields are critical for global food security. State wheat growers and commodity groups consider increasing grain yield at the farm level as one of the main priorities for the

Akhunov said members of the new hub will test findings from IWYP projects to build trait packages for higher-vielding winter wheat, which refers to varieties that are planted in the fall and harvested in late spring or early summer. Another IWYP Hub at the International Maize and Wheat Improvement Center (CIMMYT) in Mexico leads a project to translate research and validate improvements for spring wheat, or those varieties planted in the spring and

harvested in the fall. believes Akhunov K-State is the right place noting the university has one of the most productive winter wheat breeding programs in the United States. Since the early 1990s. K-State has released more than 40 winter wheat varieties.

The university has greenhouse space, growth chamber facilities, and research fields for screening preliminary and advanced lines, he said.

"The combined expertise, capabilities, infrastructure and germplasm to conduct this type of work already exists here," Akhunov said, noting the university's close work with the USDA's Agricultural Research Service and the Kansas Wheat Innovation Center, both located in Manhattan.

This is an important time for wheat, and the timing of this project coincides perfectly with the investment Kansas farmers are making into wheat at the Kansas Wheat Innovation Center and K-State," said Justin Gilpin, the chief executive officer with Kansas Wheat.

K-State's Wheat Genetics Resources Center and Integrated Genomics Facility, and the ARS's Hard Red Winter Wheat Quality Lab and Hard Winter Wheat Genotyping Lab. are among the partners K-State has received from

"These partnerships allow for rapid, genomics-assisted trait transfer and stacking in elite germplasm using high-throughput diagnostic and genome-wide markers, speed breeding and field-based trait evaluation," he said.

that make this work possi-

ble in Manhattan, accord-

ing to Akhunov.

The new IWYP Hub includes many other public and private partners including the Kansas Wheat Commission, Kansas Department of Agriculture, Kansas Wheat Alliance, Heartland Plant Innovations, Colorado Wheat Administrative Committee, Nebraska Wheat Board, Oklahoma Wheat Commission, Texas Wheat Producers Board, National Association of Wheat Growers, BASF, Syngenta, Corteva Agriscience, KWS.

tatives of the U.S. winter wheat public-breeding

programs. Some of the public and private partners are also providing contributions beyond the \$1 million

In addition to Akhunov, the co-principal investigators for the project include K-State faculty members Allan Fritz; Jessica Rupp; Romulo Lollato and Jesse Poland: ARS research geneticist Mary Guttieri; and IWYP program director Jeff Gwyn, who is at Texas A&M AgriLife.

"Collaborations of public and private expertise and resources are what it will take to get wheat genetics to the next level." Gilpin said. "Having the hub of this initiative centrally located in Manhattan with the involvement of wheat growers, university and USDA scientists, and wheat breeders is exciting to see for the wheat

industry." More information about the International Wheat Yield Partnership is available online.

### the way for future wheat Limagrain and represen-Essentia

By Julia Meehan, Managing Editor, Fertilizers, ICIS

The domino effect of the coronavirus, as it has spread across the globe. has so far had a limited impact on the fertilizer industry. However, the full effects of the global pandemic are starting to show in some sectors owing to cashflow problems caused by decomposing crops, such as fruit and vegeta-

China, having been the epicentre of the pandemic, is starting to get back to normal and production rates have increased for all fertilizers. The nation is the largest fertilizer consumer in the world, on average consuming close to 50m tonnes/year. It is also a key exporter of urea. When lockdown began in China, the impact was huge in terms of cuts in production owing to a shortage of labour. Problems with transportation. by both rail, road and sea. also had a big impact up and down the fertilizer chain resulting in stock

The biggest impact for China was on phosphoric acid which is used to produce phosphate. Fertilizer facilities in Hubei province account for up to a

piling up.

third of the country's total capacity. Because of this, China turned from the largest exporter of diammonium phosphate (DAP) to a net importer.

But as China started to ease its way out of lockdown, the flow of all fertilizers has recovered very quickly and life is getting back to normal again.

Urea was less impacted in China with Hubei province only accounting for around 3% over China's total capacity.

As the pandemic spread across nations, many countries started to feel the full impact of the deadly virus at a time when fertilizer application was at a seasonal high, particularly for the northern hemisphere.

Indeed, during March, demand for all fertilizers was healthy and the value of feedstocks and nutrients held steady and in some instances firmed.

There was pressure on pricing in April-May but the fertilizer sector most certainly did not experience the sharp and dramatic price falls seen in related markets such as gas, oil and petrochemi-

In June, sentiment has turned and most fertilizer prices have increased.

As the virus took hold

as it moved across the global, agricultural and industrial sectors learned lessons from China and many were given government support. The transportation of fertilizers across European boarders continued but with strict measures in place to protect truck drivers and the workforce.

France, which is the largest fertilizer user in Europe, moved through the months of Spring with largely no impact on supply or demand, although some cracks are starting to appear now. Cash flow problems are emerging for some farmers and the wet start to 2020, following by a dry April and May, has damaged crops.

Germany too has seen crops rotting, largely because of the coronavirus. The closure of cafes, bar and restaurants which consume large quantities of French fries has led to a 60% drop in demand for potatoes, for example. Similar to Europe, the

pandemic is now raging across Latin America just as the fertilizer season gets into full swing. Demand in the past weeks has been healthy for Latin America, with large volumes of fertilizer moving to Brazil and Argentina.

**STEERS** 

The fertilizer sector has fared better during the global pandemic, compared to the petrochemical and energy sectors, in terms of production. Fertilizer makers have benefited from cheap feed and energy costs, meaning that even marginal producers have continued to operate. and the markets have not felt any shortness of avail-

There has been some concern about new capacities due to come on stream in 2020 creating oversupply. Some of these projects are likely to be delayed or pushed back to 2021 because of the fact that the health and safety of workers is paramount.

Discussions about the impact of IMO 2020 and Brexit on the fertilizer market have been virtually wiped out by the coronavirus and its impact, or rather lack of, so far into the pandemic.

The potential for a sharp rise in bunker fuel prices because of IMO 2020 regulations has not been realized because of the dramatic fall in fuel oil

There appears to have been be no serious demand destruction across the fertilizer sector since the first case of the virus

16 ChrX 690@124.75

storm outside China was conboth developed and develfirmed on 13 January 2020. oping nations will inevitably have an impact in the For many producers, cooperatives, wholesalers and

ness as usual. But the outlook remains uncertain, with much talk and concern about of a second wave and what this might mean to already broken economies.

farmers it has been busi-

Currency fluctuations, political unrest and huge levels of unemployment in months and years ahead. Regardless of all of

these factors, the world still needs feeding. And considering that up to 50% of the food we eat would not be available without fertilizers, this is an industry that will remain robust and continue to be deemed essential.



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Horse/Tack Auction- Every 1st Saturday

Check website/ Facebook for schedule changes!

### Kansas hog inventory up nine percent June 1

Kansas inventory of all hogs and pigs on June 1, 2020, was 2.20 million head, according to the USDA's National Agricultural Statistics Service. This was up 9% from June 1, 2019, and up 5% from March 1, 2020.

Breeding hog inventory, at 180,000 head, was up 3% from June 1, 2019, but unchanged from last quarter. Market hog inventory, at 2.02 million head, was up 9% from last year, and up 5% from last quarter. The March-May 2020 Kansas pig crop, at 952,000 head,

was up 3% from 2019. Sows farrowed during the period totaled 89,000 head, up 3% from last year. The average pigs saved per litter was 10.70 for the March-May period, unchanged from last year. Kansas hog producers intend to farrow 86,000 sows

during the June-August 2020 quarter, down 4% from the actual farrowings during the same period a year ago. Intended farrowings for September-November 2020 are 90,000 sows, down 2% from the actual farrowings during the same period a year ago. **Holton Livestock Exchange, Inc.** 

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MARKET REPORT FOR TUESDAY, JUNE 23, 2020 **RECEIPTS: 517 CATTLE** 

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3 DIK DUIIS	263@201.00	HEIFERS			
1 red str	330@195.00	1 blk hfr	275@177.50		
2 blk rwf strs	287@195.00	4 blk hfrs	400@162.00		
4 blk strs	508@175.00	4 blk hfrs	482@160.00		
3 blk strs	428@168.00	6 blk bwf hfrs	510@157.00		
5 blk bulls	461@156.00	6 blk hfrs	496@154.00		
8 blk strs	560@156.00	4 blk char hfrs	536@143.00		
5 blk char strs	478@151.50	3 blk hfrs	575@140.00		
8 blk bulls	477@150.00	3 blk hfrs	593@140.00		
11 blk strs	589@149.75	4 blk bwf hfrs	617@137.50		
7 blk strs	625@149.50	6 blk hfrs	627@134.50		
8 blk bwf strs	650@147.00	3 blk hfrs	625@134.00		
33 blk bbf strs	702@139.00	1 blk hfr	535@132.00		
4 bwf rwf strs	753@136.50	6 blk hfrs	660@128.50		
Closed NO SALE June 30 * Regular Tuesday Schedule Resumes July 7					

Dan Harris, Auctioneer & Owner • 785-364-7137 Danny Deters, Corning, Auct. & Field Rep • 785-868-2591

Dick Coppinger, Winchester, Field Rep. • 913-774-2415 Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417 Larry Matzke, Wheaton, Field Rep. • 785-268-0225 Craig Wischropp, Horton, Field Rep. • 785-547-5419 Barn Phone • 785-364-4114 WEBSITE: www.holtonlivestock.com

EMAIL: dan@holtonlivestock.com

View our auctions live at "Imaauctions.com"

### **Eureka Livestock Sale** P.O. Box 267 Eureka, KS 67045

620-583-5008 Office 620-583-7475

7 blk

Sale Every Thursday at 11:30 a.m. Sharp Like Us On Facebook!

841@127.25

On Thursday June 25, we had 1,352 head of cattle on an active market.

516@148.00 7 blk 61 bkbwf 893@125.60 19 blk 706@124.00 9 bkRd 621@142.50 40 bkbwf 894@125.25 8 bkRd 616@123.50 622@122.50 13 Char 651@142.25 60 bkRd 926@124.00 12 mix 772@121.00 711@142.00 52 bkbwf 931@123.20 7 blk 8 bkChr 22 bkbwf 909@122.85 777@138.50 769@116.50 25 blk 16 blk 10 bkbwf 780@137.50 21 ChrX 930@122.25 13 bkbwf 800@116.00 541@136.00 31 mix 925@122.10 848@114.75 6 blk 16 blk 662@135.25 8 blk 50 bkbwf 983@122.00 16 bkwf 913@111.25 6 bkbwf 1047@117.00 13 blk 632@135.25 8 Char 933@108.00 10 bkRd 670@133.00 HEIFERS 1019@96.50 4 Char 10 blk 682@132.00 2 blk 458@129.00 3 bwfwf 1062@88.50 541@128.00 18 blkRd 798@129.50 **BULLS** 7 blk 15 ChrX 746@128.50 8 bkbwf 637@128.00 6 blk 745@114.00 33 ChrX 798@128.00 7 blk 810@109.75 10 mix 430@125.00 Butcher Cows: \$37-\$74, mostly \$57-\$68, steady, very active. Rutcher Rulle: \$84-\$105 mostly \$05-\$103 steady

Butcher Bui	is: \$84-\$105, mostiy	/ \$95-\$103,	steady, very active.		
BUTCI	HER COWS	2 bkbfw	1378@68.00		
1 blk	1195@74.00	6 BraX	1166@67.00		
1 Brang	1855@74.00	BUT	CHER BULLS		
1 blk	1390@74.00	1 blk	2110@105.00		
1 blk	1195@73.50	1 blk	1945@104.00		
2 blk	1685@72.00	1 blk	2010@103.50		
1 Red	1150@72.00	1 blk	1635@103.00		
4 blk	1556@69.50	1 blk	1840@102.00		
2 Brang	1505@69.50	1 blk	1925@101.50		
3 bkbwf	1332@69.00	1 blk	1835@101.00		
3 blk	1575@69.00	1 bwf	1625@100.00		
NO SALE JULY 2					

### **EARLY CONSIGNMENTS FOR JULY 9** 250 blk Rd Char strs, 850-1,025 lbs, off the grass.

### 170 blk Rd strs & hfrs, 700-850 lbs. 110 blk Rd strs & hfrs, 550-800 lbs, Fall calves & dbl. vac.

**EARLY CONSIGNMENTS FOR JULY 16** 500 blk Rd Char hfrs, 750-900 lbs, open, off the grass.

> 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

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 6-25-20. 2,380 Head.

300-400 lb. steers. No Test: heifers. \$128-\$145: 400-500 lb. steers, No Test; heifers, \$123-\$139; 500-600 lb. steers, \$120-\$159; heifers, \$117-\$140; 600-700 lb. steers, \$133-\$149; heifers,

\$106-\$129; 700-800 lb. steers, \$124-\$141.50; heifers, \$95-\$129; 800-900 lb. steers, \$104-\$129.50; heifers, \$92-\$120.75; 900-1,000 lb. steers, \$90-\$123.90. **Trend on Calves:** Steady on limited supply. **Trend on Feeder Cattle:** Mostly \$2-\$3 higher. **Butcher Cows:** high dressing cows \$66-\$75; Avg. dressing cows \$57-\$64; low dressing cows \$45-\$55. **Butcher Bulls:** Avg. to high dressing bulls \$68-\$94. Trend on Cows & Bulls: \$3-\$4 higher. Some highlights include: HEIFERS STEERS

I IILII LING		SILLING			
6 blk	490@139.00	5 blk	502@159.00		
4 blk	504@140.00	8 blk	584@145.00		
6 blk	598@137.00	10 blk	674@149.00		
14 mix	623@120.75	27 blk			
32 mix	687@123.50		733@138.00		
46 mix	720@116.75	84 blk	742@141.00		
63 mix	744@123.00	60 mix	799@127.00		
130 blk	747@129.00	73 blk	854@125.50		
126 blk	792@121.50	60 blk	859@129.00		
125 mix	815@120.75	106 blk	953@123.90		
52 mix	840@110.25		1083@99.50		
57 mix	877@111.50	104 mix	1083@99.50		
We are planning to be closed July 2 & 9 for summer break!					
Due to lack of moisture & short grass we have received calls					

about having a sale on the 9th. We would consider doing that with enough interest. Please call Josh with any concerns or consignments. Josh Mueller - 316.680.9680 **CHECK OUR WEBSITE AS WELL AS FACEBOOK FOR UPDATED LISTINGS!** 

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

**Check our website & Facebook for updated** consignments: www.eldoradolivestock.com

To stay up to date on our latest announcements you can "Like" us on Facebook Josh Mueller Steven Hamlin Owner/Manager (602) 402-6008 (H)

(316) 322-0675 (M)

(620) 367-2331 (H) (620) 345-6879 (M)

(316) 680-9680 (620) 222-1199 (M) Van Schmidt, Fieldman **Chris Locke** (316) 320-1005 (H)

Cattle Sale Every Thursday 11:00 AM

**Grass & Grain, June 30, 2020** 

### Researchers seeking input about weed challenges for Kansas farmers

Every year Kansas farmers wage a silent but persistent battle with weeds that rob their crops of valuable moisture and nutrients in the soil and reduce crop yields.

Compounding the problem is the fact that even as herbicides are developed to combat them, some weeds develop resistance to the herbicide, which then becomes less effec-

At stake are billions of dollars in economic losses in North America alone, according to a seven-year study by the Weed Science Society of America conducted from 2007 to 2013.

To help researchers determine which weeds pose the most serious threats to Kansas farmers and what they are doing currently to manage the problem, Kan-



Never miss a sale! Subscribe today! Toll Free: 877-537-3816

2963 AA Ave. — HERINGTON, KANSAS Directions: From Burdick, go 2 miles west on BB Ave. then 1 mile North on 3000 Rd. then ½ mile East on AA Ave. OR from Hwy

77/56 Jct 340th. East of Lost Springs, go 3 miles east on 340th/BĎ Ave, then 1 mile north on 3000 Rd, then ½ mile east on AA Ave. NOTE: Many of these items have been in the family for generations. This will be a fun sale of nice collectibles & interesting items, many from the local area. There are lots of pictures on our website. Come enjoy the day with us !! 1980 Chevy Impala 4 door (hasn't been run for 2 years); 8'x20'

enclosed heavy metal storage container/van box; Black Max 6800-8500 12 hp generator

Antique/collectible: Oak wall cabinet with pull down maps from the old Bethel School; Oak 4 drawer dresser w/mirror; 2 drawer cabinet; 2) oak 5 drawer chest of drawers; 2) buffets; wood dining table; 3 drawer chest of drawers; oak library table; matching waterfall front dresser & chest of drawers; oak school desk chair; numerous old wood cabinets; Camel back & flat top trunks; misc. wooden chairs & tables; several large old wooden trunks; metal double bed; Philco radio; wall shelves; dovetail box w/lid; wood folding chairs; 3 chrome chairs; 2 beds & 1 cot; Old quilts, linens, etc.; misc. vintage clothing; leather jacket; old scarves; patterns; Old vases & flower pots; old bottles & Jars; canning jars; picnic basket; misc. pictures & frames; coal bucket; washboard; old buttons; misc. old tins, cans & containers; Velvet tobacco cans; ice tongs; several crocks; granite pans bowls & more; old horse bits & wooden stirrup; leather corn husker cow bells; pocket knives; belt buckles; whiskey & pop bottles; cigar boxes; Daisy BB gun; oil lamps; old elect fan; lots of old books, magazines, assorted papers, scrap books, cookbooks; cast iron pots; caps; frog collection; serving trays; old utensils; globe; box of knife steels; White Mountain ice cream freezer; H.D. Lee Merc. Co. chili powder 10lb. tin; bushel baskets; Apple peeler; several metal bread boxes; Jocko marble game; Satchell Carlson elect radio; Gold Star transport metal semi- truck & trailer; old leather baseball glove; Army Air Force Uniform (Pants, Shirt, wool Jacket, wool Formal Overcoat) misc. old tools; pen/pencil collection; numerous items from the old Lincolnville Coop & Standard station. **HOUSEHOLD ITEMS:** 2 refrigerators; Coronado chest freezer; Whirlpool elect dryer; misc. chairs; divan; metal wardrobe & metal storage cabinets; metal shelving homemade gun cabinet w/top storage box; double bed; sev. ches of drawers; Sewing machine in cabinet; Metal file; lawn chairs; misc mens jackets/gloves etc.; ice chests & water cooler; luggage; elect lamps; elect fans; misc. fishing rods & reels & tackle (some old); KITCHEN ITEMS inc.: misc. small appliances, pots & pans, baking pans, mixing bowls, misc. dishes & glassware, cups, utensils, Pyrex nixing bowls, Tupperware, etc.

**TERMS:** Cash or check with proper ID. Nothing to be removed until settled for. Not responsible for accidents. Statements made day of sale take precedence over any other printed material. Lunch provided by "The Burdick Bunch" Relay for Life.

SELLERS: THE ESTATE OF ELMER, **LEONA & BERTHA OTTE** 

See www.Leppke.com for Sale Bill, Pics & Information LEPPKE REALTY & AUCTION

501 S. Main, Hillsboro, KS 67063 - 620-947-3995 LYLE LEPPKE, Auctioneer/Broker - 620-382-5204; ROGER HIEBERT, Auctioneer/Sales Assoc. - 620-382-2963

searchers are asking producers, crop consultants, crop certified advisors and Extension agents to complete a short online survey. The information gathered will help guide research on innovative, cost effective and integrated weed management practices and to further improve outreach programs across the state.

The survey, developed by weed researcher Vipan Kumar, who is based at the K-State Agricultural Research Center in Hays, will remain open until July 15. The research team asks that Kansas farmers, consultants, advisors and extension agents in all parts of the state participate in the survey. Questions can be directed to Kumar at vkumar@ksu.edu. The information is es-

pecially important, Kumar said, because many growers are battling herbicide resistant weeds. His message to producers is "help us to help you" by completing the survey. Because Kansas' topog-

raphy, climate, and cropping systems change dramatically from east so west, it's difficult to get a clear picture of weed problems in all parts of the state, he said, and without traditional field days because of COVID-19, this year it's even more difficult to have those formal and informal conversations about the current challenges.

Even when field days can occur, they are good starting points for addressing farmers' questions, but only in a certain geographical area. The survey will provide a better picture statewide, Kumar added.

## Rural, healthy food access initiatives align more closely with state's Extension service

A pair of programs that help to provide healthy food to under-served areas of Kansas have found a new home. The Kansas Healthy Food Initiative and the Rural Grocery Initiative are now di-

rectly allied with the statewide K-State Research and Extension network, a change that is being welcomed by the program's coordinators.

"I have high hopes that this new relationship will expand the reach of both programs and K-State Research and Extension across the state of Kansas and the country," said Rial Carver, an Extension specialist who works closely with both programs.

David Procter, former director of the Center for Engagement and Community Development where the programs were previously located, said the transition makes good sense.

"As we have worked in communities, we've reached out to Extension professionals who have often stepped up and assisted us with workshops or our summits,' Procter said. "It will be very nice to institutionalize the connection of K-State Research and Extension and this food access work." The Rural Grocery Initiative started in 2007 to help sustain and enhance in-

dependently owned rural grocery stores. The Kansas Healthy Food Initiative, launched in 2017, is a public-private partnership that aims to increase access to healthy food in low-resource and underserved areas of the state by providing financial and technical assistance. It is estimated that there are 200 grocery stores in Kansas communities of 2,500

residents or less. However, Carver noted that from 2008 to 2018, more than 50 rural grocery stores closed in the state.

'That's 50 cities where residents now have to travel out of town to get groceries," she said. "Those cities are losing out on economic, social and health benefits due to the loss of their grocery store.'

Procter noted that grocery stores are "anchor businesses" in many rural towns. along with churches, post offices, schools and a few others. It is estimated that grocery stores generate one in every five tax dollars in their rural communities

'Rural communities are the heart and soul of Kansas," Procter said. "While we certainly have important and vibrant urban centers, farms and rural communities represent the heritage and image of Kansas. When grocery stores close, rural communities struggle to sustain other businesses and keep and attract new residents. The soul of Kansas - its small towns, small farmers and small business owners - is damaged."

Since the launch of the Kansas Healthy Food Initiative in 2017, 18 healthy food retail projects have been funded across the state of Kansas and technical assistance has been provided to communities in more than half of the state's 105 counties. While the transition is already taking shape, the two programs won't officially

be part of the state's Extension network until July 1, said Gregg Hadley, director for "K-State Research and Extension has a long history of providing educational programs around food production, systems, policy, and safety," Hadley said. "We are

also deeply involved in educating on the linkages between food, healthy living, and community prosperity and resiliency. 'As such, bringing the Rural Grocery Initiative and the Kansas Healthy Food Initiative under the K-State Research and Extension banner was a natural transition,

especially when you consider how we have always been a collaborator with those two initiatives.' Hadley said efforts to improve access to food are good for rural communities.

"Strong and healthy local food systems are vital to farm and ranch prosperity, healthy people and strong, thriving communities," he said. "These two programs help to ensure that those things happen."



Or Buy

Cattle

Auction

**STARTING TIME** 10:30 AM

**Tuesdays** 

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

1 wf cow

We sold 1152 cattle June 23. Steer and heifer calves 2 blk hfrs were in good demand, selling steady to \$5.00 higher. We had a nice run of high quality steers and heifers off grass that were steady to \$5.00 higher. Cows and

bulls were steady. **STEER & BULL CALVES** 16 blk strs 719 @ 125.00 2 blk/wf strs 243 @ 206.00 24 blk/sim strs 841 @ 124.50 3 blk/bwf strs 540 @ 164.00 60 mix strs 913 @ 124.00 17 blk strs 527 @ 162.00 958 @ 118.50 62 blk/bwf strs 418 @ 149.00 61 mix strs 1007 @ 110.50 493 @ 137.00 8 blk/red strs 989 @ 108.25

3 blk strs 2 blk/red bulls STOCKER & FEEDER STEERS 3 blk/bwf strs 590 @ 144.00 8 blk strs 584 @ 140.00 6 blk/bwf strs 608 @ 140.00 5 blk strs 621 @ 137.50 118 blk/red strs 870 @ 136.25 10 blk/bwf strs 660 @ 135.00 905 @ 135.00 55 blk strs 5 blk strs 674 @ 134.50 112 blk strs 922 @ 134.00 845 @ 131.00 124 mix strs 869 @ 130.85 62 blk/bwf strs 755 @ 130.00 21 blk/bwf strs

61 mix strs

**HEIFER CALVES** 

1 blk hfr 300 @ 150.00 6 blk hfrs 465 @ 147.00 1 blk hfr 375 @ 145.00 4 blk/red hfrs 310 @ 139.00 1 blk hfr 490 @ 131.00 4 blk/red hfrs 533 @ 130.00 480 @ 128.00 2 x-bred hfrs 1 blk hfr 505 @ 126.00 1 bwf hfr 515 @ 125.00 STOCKER & FEEDER HEIFERS

4 blk/bwf hfrs 566 @ 135.50

6 blk/bwf hfrs

565 @ 135.00

590 @ 129.00 6 blk/bwf hfrs 613 @ 127.00 25 blk/bwf hfrs 725 @ 124.50 13 blk/bwf hfrs 643 @ 121.25 2 blk/bwf hfrs 718 @ 116.00 860 @ 115.60 58 mix hfrs 20 blk/char hfrs 707 @ 115.50 2 blk hfrs 813 @ 115.00 5 blk hfrs 838 @ 113.00 **COWS & HEIFERETTES** 1 blk hfrt 1010 @ 98.00

690 @ 80.00 1 bwf hfrt 1 blk cow 1455 @ 74.00 1155 @ 72.00 1 blk cow 1 blk cow 1255 @ 71.50 1 blk cow 1200 @ 71.00 1 blk cow 1510 @ 70.50 1 blk cow 1565 @ 70.00

1 blk cow

1 bwf cow

1 blk cow

1 blk cow

1 wf cow 1 blk cow 1 blk cow 1 wf cow 1 blk cow 1 blk cow 1 blk cow 1 wf cow 1 blk cow 1 blk cow 1 wf cow 2 wf cows 1365 @ 69.50 2040 @ 69.00 1 blk cow 1130 @ 68.50

1 blk cow 1065 @ 66.50 1 blk cow 1360 @ 66.00 1 blk cow 1405 @ 65.50 1410 @ 65.00 1 blk cow 2 blk cows 1333 @ 64.00 1350 @ 63.50 1315 @ 63.00 1385 @ 62.00 1270 @ 61.50 1170 @ 61.00 2 blk cows 1330 @ 60.00 1100 @ 59.50 1365 @ 59.00 1145 @ 58.50 1120 @ 58.00

980 @ 57.00 1155 @ 56.00 1113 @ 55.50

1040 @ 67.00

**BRED COWS** 

@ 875.00 @ 700.00 1 red cow @ 600.00 1 blk cow

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

1380 @ 67.50

1 blk bull **COW/CALF PAIRS** 2055 @ 91.50 1950 @ 85.50 1 blk bull 1 blk cow/cf @ 1150.00 1365 @ 78.50 1 blk bull @ 900.00 1 red cow/cf 1 blk bull 1305 @ 73.00 1 blk bull 1525 @ 64.00 BULLS 1 blk bull 1660 @ 97.00 1670 @ 94.00 1 blk bull

### CONSIGNMENTS FOR JUNE 30:

- 70 blk steers & heifers, 600-750 lbs., vacc.
- 300 black & red Angus steers, 850-900 lbs., off grass, Northern origin
- 45 black steers, 800-850 lbs., off grass
- 61 black crossbred steers, 950-975 lbs.

### **CONSIGNMENTS FOR JULY 7:**

- 60 black bwf steers, 900-950 lbs., off grass
- 180 black steers, 900-925 lbs., off grass

762 @ 128.00 9 blk/bwf strs 598 @ 135.00 3 blk hfrs Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to WWW.grassandgrain.com & logging onto the online subscription

FOR INFORMATION OR ESTIMATES: **REZAC BARN** ST. MARYS, 785-437-2785

**DENNIS REZAC** ST. MARYS, 785-437-6349 **DENNIS' CELL PHONE** 785-456-4187 KENNETH REZAC ST. MARYS 785-458-9071

878 @ 129.25

LYNN REZAC **REX ARB** 

**LELAND BAILEY** 

TOPEKA, 785-608-4005 ST. MARYS, 785-456-4943 MELVERN, 785-224-6765



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St. Marys, Ks.

Website: www.rezaclivestock.com **AUCTIONEERS: DENNIS REZAC & REX ARB**