

KDA seeks participants for beef genetics trade mission to Argentina

The Kansas Department of Agriculture is seeking individuals to participate in an agricultural trade mission to Argentina. Tentatively, the mission will take place July 24-30, 2017. The goal of this mission is to provide an opportunity for Kansas purebred beef cattle producers and allied

industry to develop relationships with livestock producers in Argentina to increase market opportunities for U.S. and Kansas beef genetics.

The primary activity during the mission will be to interact with breeders and promote the use of U.S. beef genetics while attend-

ing Exposición Rural (Palermo), the major Argentinian livestock show. Kansas ranchers and related agribusinesses specializing in export of Angus and Hereford genetics are invited to participate.

This trade mission is funded in part by the U.S. Livestock Genetics Export,

Inc. Selected participants will be eligible for travel stipends for airfare depending upon number of applicants and fund availability. Participants will be responsible for the cost of hotels, meals and other incidental expenses.

KDA strives to encourage and enhance economic

growth of the agriculture industry and the Kansas economy by exploring and expanding both domestic and international marketing opportunities.

Individuals interested in participating in the trade mission should complete the application forms available on the KDA web-

site at agriculture.ks.gov/International. The deadline for submitting applications for consideration is Monday, May 22. For more information on the trade mission, contact Billy Brown, KDA agribusiness development coordinator, at billy.brown@ks.gov or 785-564-6752.

MANHATTAN

COMM. CATTLE AUCTION CO. INC. EVERY FRIDAY



1-800-834-1029
Toll-Free

STARTING 10:00 A.M. ON WEIGH COWS
FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.

OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE



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

A nice run of quality calves and yearlings found very good interest from a good attendance of local and out of state buyers. A large run of bred cows, pairs, and weigh cows sold according to age, stage, and body condition.

STEER CALVES — 275-550 LBS.

Desoto	7 blk	330@206.00
Randolph	14 Cross	381@202.50
Alma	7 blk	424@194.00
Cassoday	12 blk	471@193.50
Holton	3 blk	436@193.00
Randolph	22 Cross	296@191.00
Abilene	3 blk	423@191.00
Allen	3 blk	441@191.00
Olsburg	5 bwf	471@191.00
Oskaloosa	7 blk	460@190.50
Easton	3 Cross	456@190.00
Oskaloosa	5 blk	423@189.00
Princeton	3 blk	440@188.50
Desoto	7 blk	518@185.50
Randolph	3 bwf	455@184.00
Axtell	4 blk	482@182.00
Alma	26 blk	501@182.00
Olsburg	5 blk	503@182.00
Oskaloosa	11 blk	513@180.25
Allen	4 blk	381@179.50
Holton	17 blk	461@179.00
Olsburg	3 blk	475@178.00
Cassoday	17 blk	527@177.00
Marysville	3 blk	541@174.50
Blaine	4 blk	525@172.00
Olsburg	3 blk	500@172.00
Alta Vista	8 blk	502@167.00
Centralia	7 Holstein	495@81.00
Centralia	7 Holstein	357@78.00
Alta Vista	3 Holstein	358@70.00

STEERS — 550-1,075 LBS.

Oskaloosa	15 blk	552@174.00
Princeton	4 blk	560@170.00
Berryton	4 bwf	592@165.00
Allen	4 blk	582@164.50
Axtell	4 blk	628@162.50
Alma	9 blk	601@162.50
Olsburg	6 blk	601@162.50
Easton	5 Cross	624@162.00
Frankfort	5 blk	610@162.00
Oskaloosa	6 blk	611@157.00
Blaine	3 blk	656@155.50
Havensville	10 blk	719@150.50
Westmoreland	3 mix	555@149.00
Blaine	3 blk	718@148.50
Effingham	16 Cross	713@147.00
Onaga	5 blk	789@141.00
Osage city	12 mix	780@139.75
Blaine	4 blk	807@137.00
Havensville	14 blk	803@136.50
Leavenworth	7 blk	842@133.00
Osage City	17 Cross	918@131.25
Leavenworth	3 blk	1055@120.00

HEIFER CALVES — 275-550 LBS.

Olsburg	3 blk	356@180.00
Randolph	11 Cross	290@178.00
Alma	5 blk	361@170.00
Holton	10 blk	384@169.25
Randolph	6 blk	367@169.00
Olsburg	3 blk	381@169.00
Allen	3 blk	280@166.00
Abilene	3 blk	431@163.00
Oskaloosa	10 blk	460@162.00
Holton	19 blk	461@160.50
Alma	12 blk	441@160.50
Olsburg	3 blk	428@160.00
Alta Vista	11 blk	464@158.00
Westmoreland	5 blk	468@158.00
Princeton	3 Cross	455@157.50
Cassoday	11 blk	457@156.00
Cassoday	7 blk	420@155.50
Oskaloosa	9 blk	479@155.00

Marysville	5 blk	497@153.50
Council Grove	3 blk	515@152.00
Allen	3 blk	433@150.00
Alma	12 blk	490@150.00
Olsburg	3 blk	495@149.00
Allen	4 blk	546@148.50
Oskaloosa	15 blk	543@148.00
Manhattan	7 Cross	469@147.50
Olsburg	5 blk	497@146.00
Frankfort	3 blk	543@145.50
Manhattan	5 Cross	382@143.00

FEEDER HEIFERS — 550-1,150 LBS.

Oskaloosa	14 blk	555@144.50
Blaine	7 blk	583@144.00
Alta Vista	8 blk	629@142.50
Abilene	7 blk	581@140.25
Alta Vista	6 blk	567@139.50
Alta Vista	3 blk	571@139.00
Berryton	3 blk	646@137.00
Frankfort	3 blk	646@136.50
Havensville	5 mix	637@136.50
McClouth	7 blk	654@135.50
Allen	4 blk	581@135.50
Tampa	49 Cross	679@135.50
Alma	4 blk	737@135.00
Tampa	22 blk	590@135.00
Alta Vista	7 Hereford	634@135.00
Wakarusa	3 Hereford	555@134.50
Blaine	4 blk	740@132.00
Olsburg	4 blk	605@132.00
Silver Lake	6 blk	739@132.00
Washington	3 blk	665@130.00
Rossville	4 Hereford	717@129.50
Alta Vista	6 Cross	760@129.50
Osage City	11 Cross	778@128.00
Tampa	3 Cross	625@127.50
Blue Rapids	3 blk	803@126.50
Rossville	10 Hereford	631@125.00
Alma	3 blk	638@125.00
Osage City	24 Cross	866@124.25
Onaga	4 red Angus	1138@103.00

BULLS — 1,250-2,175

Alma	1 blk	1790@87.00
Leonardville	1 blk	2020@87.00
Alma	1 Herf	2110@86.00
Junction City	1 blk	1795@81.00
Onaga	1 blk	1755@80.00
Effingham	1 Cross	2170@76.00
Clay Center	1 blk	1445@75.00
Manhattan	1 blk	1255@75.00
Manhattan	1 blk	1555@73.00

COWS & HEIFERETTES — 775-1,825 LBS.

Ogden	1 blk	820@118.00
Ogden	1 blk	900@115.00
Oskaloosa	1 bwf	795@113.00
Manhattan	1 blk	830@111.00
Ogden	1 blk	835@110.00
Olsburg	1 blk	1005@106.00
Ogden	1 blk	915@105.00
Leonardville	1 blk	945@103.50
Marion	1 Cross	1205@103.00
Alma	1 blk	1035@103.00
Alma	1 Cross	1170@102.50
Alta Vista	1 blk	1225@92.00
Olsburg	1 blk	1320@89.00
Alma	1 Hereford	2295@88.00
Alta Vista	1 blk	1290@81.00
Leonardville	1 blk	1070@79.00
Blue Rapids	1 blk	1375@73.50
Alma	1 blk	1290@73.00
Olsburg	1 bwf	1460@72.50
Alma	1 blk	1260@72.00
Ogden	1 blk	1465@71.00
Hanover	1 Char	1620@71.00
Blaine	1 blk	1465@71.00
Alma	1 blk	1360@70.50
Alma	1 blk	1440@70.50
McClouth	1 blk	1605@70.00
Blaine	1 blk	1145@70.00

Beloit	1 Cross	915@70.00
Oskaloosa	1 blk	1305@69.00
Oskaloosa	1 blk	1040@69.00
McClouth	1 blk	1320@69.00
Ogden	1 blk	1205@68.00
Meriden	1 blk	1440@68.00
Frankfort	1 bwf	1320@68.00
McClouth	1 blk	1275@67.00
Paxico	1 blk	1420@67.00
Riley	1 blk	1315@67.00
Olsburg	1 blk	1825@66.50
Delia	1 blk	1170@66.50
Frankfort	1 blk	1390@66.50
Olsburg	1 blk	1305@66.00
Olsburg	1 blk	1380@66.00
McClouth	1 blk	1115@65.50
Delia	1 blk	1080@65.00
Alma	1 blk	1410@65.00
Olsburg	1 blk	1200@63.50
Manhattan	1 blk	1400@63.50
Alma	1 blk	1470@63.00
Leonardville	1 bwf	1385@62.50
Waterville	1 blk	1060@62.50
Alma	1 blk	1385@62.00
Easton	1 blk	1160@61.00
Waterville	1 Hereford	1045@60.50
Riley	1 blk	1130@59.50
Waterville	1 bwf	1165@59.00

REPLACEMENT HEIFERS

Junction City	11 Hereford	842@1270.00
Onaga	27 Angus	786@1135.00
White City	9 blk	803@1090.00
White City	11 blk	717@1005.00
Junction City	13 Hereford	701@970.00

COW/CALF PAIRS

Wamego	7 blk	4	@2300.00
Randolph	8 blk	2	@2275.00
Marion	5 rd Ang.	2	@2250.00

EARLY CONSIGNMENTS FOR APRIL 28th

50 choice reputation Angus str & hfrs, 45 days weaned, 2 rds shots, 450-600 lbs.
30 blk str, weaned, 2 rds shots, 450-600 lbs.
60 blk str & hfrs, pre weaning shots, 400-600 lbs
60 choice reputation red Angus str & replacement quality hfrs, weaned 40 days, 3 rds shots, red Angus age & source verified, no implants, 500-650 lbs
10 Crossbred str & hfrs, weaned & shots, 500-650 lbs
53 choice reputation blk str & hfrs weaned 35 days, 2 rds shots, 500-650
22 blk str & hfrs weaned 30 days, 2 rds shots, 500-600 lbs
8 blk str weaned 25 days, 2 rds shots, 525-575 lbs



SPECIAL STOCK COW & BRED HEIFER SALE, WED., MAY 3RD STARTING AT 11:00 AM



Bred 1st Calf Heifers & Pairs

7 Fancy Angus OCV 2nd calf hfrs, 3 yrs old w/60 day plus old calves by side. All worked and ready for grass.
7 big fancy Angus 1st calf hfrs w/ Angus sired calves by side.
10 Hereford 1st calf hfrs w/ bwf & rwf calves by side. Calves worked.
15 home raised Angus OCV 1st calf hfrs w/ 30-60 days Angus calves by side. Hfrs & calves all worked & ready for turn out.
8 choice OVC red Angus 1st calf hfrs w/30-60 day old red Angus sired calves by side. All worked and ready for grass.
8 choice OCV blk bwf & rwf 1st calf hfrs w/30 day old Angus sired calves by side. All worked and ready for grass.
COW CAMP RANCH will sell 31choice OCV homeraised SimmAngus Fall bred hfrs, approx. 20 are AI bred to SimmAngus Graduate. Gen X proven easy calving bull, balance bred to Graduate son. AI due date Sept. 1. All to calve Sept/Oct.

Replacement Heifers

25 Angus OCV replacement hfrs, pelvic measured, breeding shots, 850-950 lbs
10 blk & bwf OCV fall bred hfrs bred to Angus bulls, due Aug. 1st.
30 blk & bwf cows, 4-8 yrs, most will have 30 day old blk & bwf calves by side, balance heavy Springers
6 3-4 year old wf cows, bred Angus for Aug.-Sept. calves.
2 Angus bulls 24 mo., sired by Coleman Regis. Trich & semen tested, all shots, pasture ready.
1 SimmAngus bull 12 mo., Amigo & TC Dividend breeding.
1 Angus easy calving bull 4 yrs, Mitty In Focus & Ohlde Just Right breeding.
3 blk Angus bulls, 14 months.
1 LBW Angus bull, 2 yrs, used on hfrs.

SPECIAL STOCK COW & BRED HEIFER SALE DATES: WEDNESDAYS STARTING AT 11:00 AM — APRIL 12TH, MAY 3RD

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

FIELD REPRESENTATIVES

JOHN CLINE ONAGA 785-889-4775 Cell: 785-532-8381	SAM GRIFFIN BURNS 620-726-5877 Cell: 620-382-7502	BRENT MILLER ALMA 785-765-3467 Cell: 785-587-7824	ALAN HUBBARD OLSBURG 785-468-3552 Cell: 785-410-5011	MERVIN SEXTON MANHATTAN Cell: 785-770-2622 Home: 785-537-7295	BILL RAINE MAPLE HILL 785-256-4439 Cell: 785-633-4610	TOM TAUL MANHATTAN 785-537-0036 Cell: 785-556-1422	JEFF BROOKS BEATTIE 785-353-2263 Cell: 785-562-6807	BRYCE HECK LINN 785-348-5448 Cell: 785-447-0456	DAN COATES BALDWIN 785-418-4524
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BLACK ink

Are you on track?

By Steve Suther

Biology says it takes two years from the day you breed cows till their calves can be harvested for beef or join the breeding herd to calve as two-year-olds.

Decisions before, after and during any two-year span can make a big difference.

Let's not get too dramatic, because you can flip a coin on some calls and stay the course. You have to know

what counts, which calls add up to the vision that controls genetic direction.

Bull selection may have been just a week or two prior, but usually months and often years before any particular breeding season. Your expectations in picking a bull may have been bolstered with selection tools, and maybe you can quote DNA results to justify the choice, but you don't really know until you see what happens in your herd, your environment.

If he's been in use for at least two years, you may have some idea as to how much his influence improves the herd.

Or not. Bulls can disappoint, especially when they are not registered or backed by a suite of expected proge-

ny differences from a breed association. Picking one like that would not fit the big picture for herd improvement. Assuming you do have numbers, there's a short window of time to see that second set of baby calves while you study yearling results on the first set.

Do you really want a third calf crop like those? Usually, the answer is yes and usually, it's the default. If you don't really want more of those calves, look for alternatives. Your seed-stock supplier may have a demo available for lease.

Keep evaluating progeny as heifers join the herd. Do they calve unassisted and allow you to work calves without trying to hurt you? Do their calves seem likely to improve the herd? Are

feedlot performance and carcass traits better than average. If not, those should add to your list of reasons to sell a bull even though still physically sound.

As you select replacements and keep records, evaluate them by sire group. It may take three or four years to discover a certain bull's daughters don't perform as you want, but whenever that comes to light, you could be ahead to cull them all, root and branch.

Some say it takes 15 or 20 years to build a cow herd, and if you use enough early indicators like DNA testing, that may be true today. But the most important factor in how long it takes is the manager's long-term goals for the herd. Does that vision endure for several decades?

For a lifetime?

If the guiding vision goes through one big shift, it could be the key to greatness. Several significant shifts, however, may not allow enough progress for excellence. The herd can provide satisfaction, entertainment and education as you study the results of the abrupt turns, but greatness takes commitment to a vision at some point. A persistent vision from one who got on the right track early on, then kept monitoring the goal while selecting for more of what worked best.

Next time in Black Ink®, Miranda Reiman will look to see if we're there yet. Questions? Call 330-465-0820 or e-mail steve@certifiedangus-beef.com.

Feeding Southwest Kansas Summits to feature farm & food roundtables

Join the Kansas Rural Center (KRC) as they host two Feeding Southwest Kansas summits in Liberal and Dodge City this month. KRC invites Southwest Kansas farmers, community development and service leaders, food and farm advocates, local and state policy makers, Extension, institutional

food leaders, food business leaders, health leaders, and ag and health organizations. The purpose of each summit is to learn and share information about current challenges and opportunities around farming and food access in southwest Kansas, and public action or policy supports needed.

Summits will be held in: Liberal, April 26 at the Seward County Community College Student Activities Center

Dodge City, April 27 at the High Plains Journal Communications Center

A free lunch will be provided, from 12 p.m. to 1 p.m. with the roundtables and di-

ologue following. The summits will end at 5 p.m. To attend lunch please RSVP before April 24 at <https://kansasruralcenter.org/feedingswks/>.

Those who attend the summits will have the opportunity to dialogue about the current environment and opportunities around Kansas farms, food, and community health and to connect with others who share similar interests or concerns for their communities. Dialogue at the summits will help identify recommendations for a Southwest Kansas Farm and Food

assessment.

These summits are part of the Kansas Rural Center's three-year-old "Community Food Solutions" initiative which aims to increase healthy foods access and consumption in Kansas, recognizing that in Kansas, our own farms are a critical part of the solution. Through this initiative, Kansans are empowered to take the lead in advancing new and identified public policy and actions that better incorporate the state's farms and ranches into the supply chain thereby improving Kansas's economy, community, envi-

ronment, and health status. The first three years focused on overarching state levels needs and produced the report, "Feeding Kansas: Statewide Farm & Food System Assessment with a Plan for Public Action."

Now in its fourth year, the initiative will work in southwest Kansas as a first regional focus. Understanding that each region and community of Kansas is unique, KRC's next step is to zoom in to identify the regional systemic barriers, opportunities and the public policy or public action supports needed to advance local food systems as a solution to making healthful foods the easy, affordable choice for Kansans.

KRC program manager Natalie Fullerton states, "Southwest Kansas has a rich agricultural presence and diversity in the state and we look forward to learning and sharing people's stories."

To attend the summits, please register at <https://kansasruralcenter.org/feedingswks/>. There is no cost to attend. Each summit will kick off with a lunch.

For questions about his initiative or upcoming summits, contact Natalie Fullerton at nfullerton@kansasruralcenter.org or (866) 579-5469.

ANTIQUE TRACTOR & STATIONARY ENGINE AUCTION

SATURDAY, MAY 13, 2017 — 9:00 AM
AUCTION LOCATION: 2615 Highway 15 — ABILENE, KANSAS
THIS IS A LARGE SALE!



1968 JD 4020 w/JD 48 loader, 3spool valve, brand new clutch, good tin work, runs great, always shedder, 80% rubber. all this tractor needs is a paint job!



1925 MODEL T COUPE With 1926 rebuilt engine, under restoration, body primed-straight, no rust, doors, many parts, wood spoke wheels, most everything is here body wise, always shedder, also a split rim jack.



cal, mod TF, 3 1/4 hp, 2 Fairbank-Morse 2 hp on truck, good condition, Fairbank-Morse single D self oiling, Maytag; Fairbank-Morse mod Z; JD old 4 cyl; Seager Eng Works, type A, #2, Lansing, Mich; several sm single cyl engines; engine trucks; lots of parts.

TRACTORS FULLY RESTORED

- 1949 JD-D runs on rubber, PTO, wide front
- 1949 JD-D on rubber, PTO, wide front

Both 1949s are styled
• 1939 JD-B on rubber, running, narrow front (styled)

UNDER RESTORATION

1949 2 JD-D on steel, 1 Mac-Deering on steel; shedder, in pcs; 1935-A, early unstyled, PTO.

TRACTORS & FARM EQUIPMENT FOR PARTS

4 JD-A's complete, not running; 13 Case & JD tractors for parts; steel front & rear tractor wheels, sickle mowers; IHC-JD-New Idea horse drawn (w/ tool box lids); stationary baler; Sulky plow; several JD 3 bottom plows.

STATIONARY ENGINES

JD 1 1/2 hp restored; Cushman Cub restored; IHC restored, no plate; McCormick-Deering 1 1/2 hp #A, good condition, ser# 106514, made by IHC; Wisconsin air cooled 2 cyl, verti-

MISC. PARTS & TOOLS

Approximately 130 magnetos for tractors & stationary engines; line shafting, barrel pumps, intake manifolds, exhaust manifolds; head for 2 cyl JD; gear drivers; old planter parts; oilers, rims; steel wheels; belt pulleys; V-8 engine blks; mod. T engine blks; tractor hoods, tire changer for old tractors; Barrett mod. B-35 break lathe w/metal case; 100 lb anvil Hay-Budden, Brooklyn, NY.

THRESHING MACHINE

Allis Chalmers, always shedder, inside parts still have some paint, canvas good, good condition.



AUCTIONEER'S NOTES: This is only a partial listing of the things that are to be liquidated! We will be running 2 rings part of the day. Items must be removed within 3 weeks, before Next Auction June 10 & 11.

TERMS & CONDITION: Cash or personal check with proper ID. All items must be paid for before removal. Statements made day of auction take precedence over printed material.

SELLER: KENNETH E. FAGER TRUST #1

For complete listing & additional pictures, go to kansasauctions.net/reynolds

REYNOLDS AUCTION SERVICE

ABILENE & CLAY CENTER

RANDY REYNOLDS: 785.263.5627

landmanrj@gmail.com

Independent Cashier: Diane Lykins

Out of towners: Come to the auction in Abilene and make a weekend of it. What we have to offer: Eisenhower Center, Smoky Valley Rail Road, Old Abilene Town, a Russell Stover outlet store, approx. 6 antique malls and a plethora of fine eating establishments. Plenty of motels & B&B. Abilene airport has courtesy cars, 4100 ft L, RW, AWOS, AV gas & jet A.

www.abilenekansas.org
Visitor Center: 785-263-2231

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- Will Train and help with License
- Must LOVE Farm and Ranch!

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3 BEDROOM HOUSE TO BE SOLD AT AUCTION

SATURDAY, MAY 27 — 10:00 AM
AUCTION LOCATION: Abilene High School, 1300 N. Cedar, ABILENE, KS



This home was the major construction project of the Abilene High School Carpentry Class under the supervision of Mr Tray Green (tgreen@abileneschools.org).

House located south of vocational building on the Abilene High School Campus.

DESCRIPTION: This home has 3 bedrooms. 1456 sq. ft. Crown oak cabinets, interior white paint & white baseboard & casing doors, 8' ceilings. Tub & shower, Heritage shingles, vinyl clad Anderson casement windows, 3/4" Huber moisture resistant sub floor, Pex plumbing, cable and phone lines wired to every room. Hardiplank lap siding with brick veneer in front. Installed ductwork. Electrical panel & wiring.

OPEN FOR INSPECTION: Any day between now and sale day by appointment only. School: 785-263-1260, Tray Green, 785-410-6945. For additional information go to www.abileneschools.org

SOLD AS EXHIBITED: The house must be moved from the present building site by August 1, 2017 unless special arrangements are made the day of the auction with the superintendent of schools. Moving will be at the owner's expense and in accordance with city ordinances.

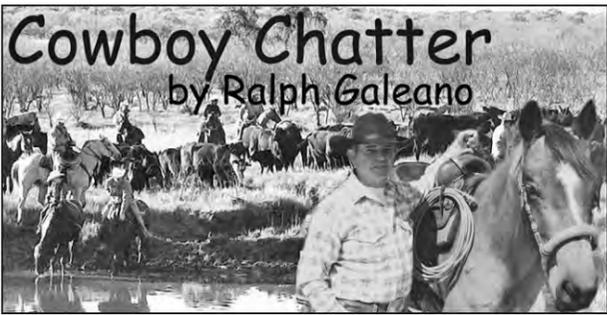
Terms OF PURCHASE: 10 percent of the purchase price and sales tax, paid on Building Materials ONLY, due on the day of auction with balance to be paid before the building is moved from school premises. Sale is subject to School Board approval.

USD 435, SELLER

REYNOLDS AUCTION SERVICE

ABILENE & CLAY CENTER

RANDY REYNOLDS: 785.263.5627



A Bum Calf

Bummer is the ideal calf to have on your place. He doesn't eat or drink and just hangs out until you have work for him to do. He's the true essence of an "easy keeper."

Our present bum calf was named after an orphaned calf we raised some years back. We called that calf Bummer and the name has kinda stuck for any of our calves that lost their momma or have been rejected. The original Bummer thought he was people. We bottle-fed him until he could graze his own groceries. We had to handle him so much he would rather be around people than his own kind. I think he even thought he looked like people.

I don't believe he could count and never realized he had four legs and we only had two. That didn't matter to him. As he grew, he became a pest. Whenever someone walked out of the house or headed for the barn, he'd come galloping up to be fed or scratched. That was okay, in fact, it was entertaining to have him follow you around like a dog when he was small.

It was okay until he kept growing bigger and bigger and started pushing you around. Bummer was getting to be a four-hundred-pound pest. He pulled his last people act when a stranger pulled into our driveway and my wife went out to meet them. Bummer came along.

As my wife answered

a few questions from the strangers, Bummer reached up and chomped down on her blouse and started tugging on it. She had to fight him off but not before he ripped a few buttons loose.

I heard her screaming and poked my head out of the barn to see what the ruckus was all about and saw Bummer hightailing it for greener pastures. My wife was holding her blouse together with one hand and shaking her fist and yelling some nasty names at the culprit.

Poor Bummer, that was the end of his thinking he was people. He wasn't welcome anywhere but in the pastures after that episode.

Our latest Bummer was named after fond memories of the blouse-pulling Bummer. This calf is less of a problem and helps us start young horses on cattle. He



Weston Schrader exhibited the supreme heifer at the Central Kansas Beef Classic, held in Salina on April 8. A total of 64 head were shown by 44 exhibitors.

doesn't eat anything except a little electricity and is never pushy. He just runs back and forth when we throw the switch. When we don't need him, he minds his own business and you never know he's around. He spends all his time in the same place along the fence in the training arena.

This Bummer is a mechanical flag powered by an electric motor and a two-way switch. He's a lot better to get along with and makes our work training horses easier.

Bummer the Flag has trained a lot of horses. Every three or four years we have to change the rope that drives him back and forth after it fatigues from the rays of the sun. In over ten years, we've replaced his motor only once. When he was born, we used an old straw hat for the flag. When that wore out, we made a PVC framework and made a cloth flag with grommets to tie to the frame. We change his flag every few years when it becomes tattered and torn.

The biggest trouble we had with Bummer was finding the right switch to make him change directions. An electrician told us where and what kind of switch to buy in order for Bummer to

execute snappy roll-backs. With the switch in place and the PVC frame running on a smooth wire track, Bummer was ready to train horses.

Someone runs the switch from the announcer's stand and the rider gives the commands of which way to send Bummer. A nod of the hat or a verbal order is all it takes to send that cow charging down the 80-foot runway.

He is indispensable for starting horses on cows. You have the ability to set the horse up correctly before the steer takes off. You can hold Bummer on standby while you set up your horse for the proper cow horse turn. When the horse is correct, a nod of the hat sends

the flag down the wire runway.

A horse must stop straight and deep in the ground in order to make a good turn to keep from being left behind by the cow. With a flag, you can teach that straight stop first before sending the flag in the opposite direction.

You can stop the flag and reverse directions or stop it and go ahead the same direction anywhere on that 80-foot wire. That gives you the ability to train the horse to expect the unexpected and use his brain to make the decision. It doesn't take long for you to be able to drop the reins and let the horse do his own thinking. With Bummer, you have the

ability to teach the horse to rate the cow in the proper position and stop in the correct position when the flag stops.

That orphan calf we called Bummer is still repaying us for those days and nights we bottle-fed him and put up with his pranks so many years ago. I wasn't even upset about what he pulled on my wife. I'm not so sure she's forgiven him but I bet she thinks about him every time I ask her to run the switch for me and Bummer to train another colt.

Contact Ralph Galeano at horseman@horsemanspress.com or www.horsemanspress.com

GUN AUCTION

SUNDAY, APRIL 30, 2017 — 2:00 PM

601 S Broadway, SALINA, KS • Open for viewing at 12:00 noon for preview.

- Ruger mod. Ranch Rifle 223 cal semi auto rifle w/ Deerfield 4x32 scope ser # 187-34218
- Winchester mod.12 12 ga pump shotgun vent rib Lyman suppressor ser # 1429338
- Iver Johnson mod. Champion 410 ga single shot shotgun ser # 97812
- Stevens mod.23 12 ga sgl shot shotgun ser#357UN
- Winchester mod.1 12 ga semi auto shotgun Super X vent rib 28" bbl NIB ser # M61206
- Winchester mod.94 32-40 Win lever action rifle John Wayne Commemorative w/saddle rings NIB ser#JW510
- Winchester mod.70 30-06 Springfield bolt action rifle 19" bbl NIB ser # G1003158
- Valmet mod.54306 30-06 & 12 ga over/under w/ extra 12 ga bbl NIB ser # 217376
- Winchester mod.23 12 ga 30" bbl double barrel shotgun Pigeon Grade w/letter NIB ser # PWK005266
- Cimarron mod.1871 open top 38 cal revolver 7.5" bbl ser # X03586
- Euro Arms mod. Navy 36 cal black powder revolver ser # 54269
- S&W mod.686 357 Mag cal revolver 4" bbl stainless steel issued to West Virginia state police ser# WVSP137
- S&W mod.36 38 S&W Spc cal nickel plated revolver ser # 24064
- S&W mod.37 38 Spc cal air weight revolver ser#071
- S&W mod.36 38 S&W Spc cal revolver ser # 27611
- S&W mod.M+P 9mm semi auto pistol w/extra clip & grips NIB ser # HNK8637
- S&W mod.M+P 9mm semi auto pistol ser#DVE3364
- Remington Wingmaster mod.870 12 ga pump shotgun ser # 219185V
- Winchester mod.12 12 ga pump shotgun ser#1493782
- J.C.Higgins mod.583.3 20 ga bolt action shotgun ser # N/A
- Winchester mod.55 22 S-L-LR semi auto rifle ser# N/A
- Ithaca mod.66 410 single shot lever action shotgun ser # 93979
- Winchester mod.70 7.57 Mauser bolt action rifle pre-64 made in 1940 ser # 313038
- Remington mod.514 22 S-L-LR bolt action single shot rifle ser # N/A
- Winchester mod.1892 45 Colt cal lever action rifle w/octagon bbl NIB ser # 00332MY92A
- Winchester mod.94 32 WS cal lever action rifle w/ peep sight ser # 247168
- Winchester mod.1892 38 WCF lever action rifle w/octagon bbl ser # 171210
- Winchester mod.1886 45-70 cal lever action rifle w/paperwork ser # 20878
- Winchester mod.1890 22 S pump rifle w/octagon bbl ser # 232895
- Cimarron mod.1873 45 Colt cal lever action rifle w/octagon bbl ser # 57759
- Winchester mod.1892 44 WCF cal lever action rifle w/octagon bbl & paperwork ser # 30054
- Winchester mod.94AE XTR 7-30 Waters cal lever action rifle w/peep sight ser # 5350174
- Winchester mod.90 22 LR cal pump rifle w/octagon bbl ser # 696508
- Winchester mod.94 30 WCF cal lever action rifle w/ saddle ring ser # 1062465
- Winchester mod.1894 30 WCF cal lever action rifle w/octagon bbl ser # 483990
- Winchester mod.1892 38 WCF cal lever action rifle w/octagon bbl ser # 187603
- Winchester mod.1892 44 WCF lever action rifle w/octagon bbl ser # 171549
- Winchester mod.94 30 WCF cal lever action rifle w/ saddle ring ser # 898930
- Winchester mod.1894 30 WCF cal lever action rifle ser # 131933
- Winchester mod.1892 25-20 WCF cal lever action rifle w/octagon bbl ser # 765542
- Marlin mod.1893 32-40 cal lever action rifle octagon bbl ser # 168796
- Winchester mod.1894 32 WS - Carbine lever action w/saddle ring ser # 1006527
- Ithaca mod.37 12 ga pump shotgun ser # 1004987
- Winchester mod.94 30-30 cal lever action rifle gold trim, Lone Star, saddle ring ser # L53814
- Marlin mod.39A 22 S-L-LR cal lever action rifle ser# K3752
- Remington mod.870 Wingmaster 20 ga pump shotgun 19-1/2" smoothbore & 28" full ser # V896740X
- Remington mod.700 ADL 7mm Rem Mag bolt action rifle w/rings & Tasco 3x9 scope ser#E6633640
- Henry by Uberti Gardone Italy mod.CAT-1559 44-40 cal lever action rifle octagon bbl brass receiver ser # 03230
- J. Stevens mod. Crackshot 26 22 LR cal single shot rifle ser # N/A
- Winchester mod.1892 32 WCF cal lever action rifle w/saddle ring ser # 807969
- Hopkins & Allen mod.932 32 RF single shot rifle ser # N/A
- Remington mod.870 Express 20 ga 3" pump shotgun ser # A604852V
- Winchester mod.61 22 S-L-LR cal pump rifle pre-war ser # 37939
- Winchester mod.876 45-60 cal lever action rifle octagon bbl ser # 1954
- Winchester mod.1897 12 ga pump shotgun ser#505790
- Winchester mod.1886 33 WCF cal lever action rifle ser # 155401
- Remington mod.10 12 ga pump shotgun ser#26648
- Winchester mod.94 NRA 30-30 Win cal lever action rifle 1871-1971 ser # NRA47520
- Winchester mod.71 348 Win cal lever action rifle w/ Lyman sight ser # 46783
- Iver Johnson mod. over/under 12 ga over/under shotgun w/vent rib ser # 044534
- Mossberg mod.715T Plinxtor 22 LR cal semi auto rifle ser # NC3677363
- Winchester mod.1873 32-20 cal lever action rifle octagon bbl ser # 261915
- Winchester mod.92 25-20 WCF cal lever action rifle w/saddle ring ser # 941365
- Winchester mod.1873 32 cal lever action rifle octagon bbl, 30" bbl, set trigger, manu 1895 ser#484319B
- Browning mod. BPS 12 ga pump shotgun vent rib ser # N/A
- Bay State mod.? 20 ga single shot shotgun ser#A532325
- Savage mod.1899 300 Savage cal breach load lever action rifle straight grip stock ser # 265546
- Winchester mod. Super X2 12 ga mag 3-1/2" semi auto shotgun vent rib ser # 11AMM11810
- Stevens mod.22-410 22 LR / 410 ga single shot 3" chamber ser # N/A
- Winchester mod.190 22 S-L-LR cal semi auto rifle ser # B1657178
- Winchester mod.94 30-30 Win cal lever action rifle 20" octagon bbl Buffalo Bill commemorative 1846-1917 coin in stock NIB ser # WC19525
- Hunter Arms mod. L.C.Smith 12 ga side-by-side shotgun double triggers ser # 49152
- Remington Rand mod.1911 Govt 45 ACP cal semi auto pistol w/original holster ser # 513787
- Colt mod. SAA 38 Spec cal revolver ser # 304448
- Colt mod. Frontier Scout 62 22 LR cal revolver ser# 38992P
- Diana mod.5 air pistol ser # N/A
- Colt single action mod. Arizona Territory 22 LR revolver pearl grips gold cylinder ser # AT672
- Colt single action mod. Nevada Centennial 22 LR revolver pearl grips nickel plated cylinder ser#1599MS
- Ruger mod. Single Six 22 LR cal revolver ser#456728
- F. LLIPIETTA black powder 36 cal revolver ser#191134
- Inter Arms mod. Rossi 38 Spec cal revolver ser#D733562
- Beretta mod. Nano 9 Para cal semi auto pistol w/ extra clip ser # NU083982
- Remington mod.870 Tactical 12 ga pump shotgun ser # R559429Y
- Winchester mod.1892 25-20 cal lever action rifle made 1909 octagon bbl ser # 395070
- Marlin mod.1897 22 S-L-LR cal lever action rifle made 1906 octagon bbl ser # 348496
- Colt mod. Lightning 44-40 cal medium framed gun saddle ring lever action rifle ser # 65007
- SAKO mod. Forester - L57 243 cal bolt action rifle ser # 9195
- Winchester mod.1906 22 S-L-LR pump rifle ser#329444
- China made mod. SKS 7.62 cal semi auto rifle ser#18003936
- Henry Big Boy Steel mod. HO12C 45 Colt cal lever action rifle NIB
- Savage mod. Rascal (Black) 22 S-L-LR single shot rifle w/peep sight NIB ser # 2423441
- Marlin mod.60SB 22 LR cal semi auto rifle stainless w/4x20 scope NIB ser # MM06410M
- Colt mod.1911 45 cal semi auto pistol Gold Cup National Match ser # 500NRA
- Charter Arms mod. P.F.Lite 22 Mag cal revolver NIB ser # 16-47401
- Sig Sauer mod.P320 9mm Para semi auto pistol w/ extra clip & holster NIB ser # 58B007027
- Kimber mod. Sapphire Pro II 9mm semi auto pistol special edition ser # KSP1570
- Taurus mod. Millennium C-2 9mm semi auto pistol w/extra clip NIB ser # TKN91181
- Maverick by Mossberg mod.88 12 ga pump shotgun vent rib never fired ser # MV525317
- Winchester mod.1200 12 ga pump shotgun ser#287437
- IWI mod. UZI 22 cal semi auto rifle made by Carl Walther NIB ser # W1017132
- Kimber mod. Target II 9mm semi auto pistol stainless w/extra clip ser # KF18137
- Sig Sauer mod.P220 45 auto cal semi auto pistol ser # G316235
- Kimber mod. Micro 9 9mm semi auto pistol NIB ser # PB0019690
- S&W mod. MP9 9mm semi auto pistol ser # MFP5049

ANTIQUUE ESTATE AUCTION

FRIDAY, MAY 5 (4 PM) & SATURDAY, MAY 6 (9 AM)

202 S. State Road 214 — HOYT, KANSAS

(about 16 miles N. of Topeka on US Hwy 75, WATCH FOR SIGNS!)

Dean & Alberta were great collectors of many objects, especially Dean!! Over a 60-year accumulation of gems. Many items yet to be uncovered. This is a live auction and will be worth the trip. No internet bidding. Concessions by Hoyt United Methodist Ladies.

- Friday 4 PM: General household, some furniture, some tools, lawn equipment & some glassware.
- Saturday 9 AM: All the rest! This is a large auction, possibility of 2 rings.



MARK YOUR CALENDARS TODAY. SEE YOU AT THE AUCTION!

www.KullAuction.com

OVER 170 CROCKS
Red Wing, Western, Marshall, Pittsburgh, Robinson Ransbottom & numerous others; (4) crock water jugs; (36) crock jugs, (28) brown salt glazed beehive crock jugs, (8) plain jugs, (9) brown salt glazed top marker crock jugs; (10) brown salt glazed crock pots; over (25) crock bowls; horse baby rocker; blue baby stroller; 12 oak wall telephones, AT&T, Kellogg, Western Union & others; Marx metal doll house; (12) pieces McCoy pottery; kids wagons; (7) kitchen hand pumps; (2) mantel clocks; (7) oil lamps; (2) butter churns: oak butter churn stand; (50) oak occasional chairs; (5) oak rockers; (150) cast iron skillets, pots and Dutch ovens, Griswold, Wagner & others: cast iron banks and toys; (3) alter chairs; John Deere corn sheller; (7) cream separators; (2) wooden trunks; platform

stoves, Rock Island & McCormick; (3) kerosene stoves; Cooper Glad porcelain wood burning cook stove; double trees, single trees, neck yokes & clevis; Fisher Price toys; Antique tools and kitchenware; (7) lightning rods; china cabinets; Lots of tools, yard and hand; (10) 2 man saws; lots of hand saws; 3 wooden sweeper/vacuums; 100 pieces granite ware; (4) wood egg crates; (10) tractor seats; storage shelves; storage cabinets; 2 bedroom sets (double); day bed; bed side lamps; Depression glass: sandwich, yellow, green & pink; many oil lamps; several bowl & pitcher sets; pie & cake plates; serving dishes; baking dishes; Corningware; humidior; wall clock; table, buffet and (6) chairs; upholstered couch; lift chair recliner; walkers, general household and more. This is a partial listing!

DEAN & ALBERTA TUCK

Kull Auction & Real Estate Co., Inc. • 201 SE 59th ST. Topeka, KS. 785-862-8800 / info@kullauction.com • www.KullAuction.com

TERMS & CONDITIONS: Cash, check or credit card. A 5% buyer's premium will be charged if a credit card is used. All sells "as is, where is". Announcements made auction day take precedence.



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Any announcement made the day of sale takes precedence over any printed matter.

Kansas Hay Market Report

Hay market activity and demand moderate for all classes of hay; prices steady. Rain fell in many areas recently. Farmers are spraying for weevil and trying to complete corn planting, in between rain drops. Hay season is rapidly approaching and first cutting will be here in a few short weeks. The U.S. Drought Monitor indicated that the abnormally dry (D0) category increased to 50.65 pct, while moderate drought (D1) decreased to 8.55 pct. According to the NASS Kansas Crop Progress and Condition Report, top soil moisture rated 4 pct very short, 13 pct short, 70 pct adequate and 13 pct surplus. Subsoil moisture rated 5 pct very short, 20 pct short, 70 pct adequate and 5 pct surplus. Hay and roughage supplies rated 1 pct very short, 7 pct short, 83 pct adequate, and 9 pct surplus. If you have hay for sale, and/or need hay, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady, movement slow to moderate. Alfalfa: horse, small squares 240.00-250.00. Dairy, .75-.85/point RFV, Supreme 140.00-160.00, Premium 130.00-150.00, Good 115.00-145.00. Stock or Dry Cow alfalfa, 75.00-95.00, with an instance at 110.00. Fair/Good grinding alfalfa, 85.00-95.00. Ground and delivered locally to feedlots and dairies, 110.00-120.00, with an instance at 130.00. New crop ground and delivered 120.00-130.00. The week of 4/9-4/15, 9,119T of grinding alfalfa and 1,813T of dairy alfalfa were delivered. Grass hay: bluestem, large rounds 65.00-75.00. Brome: large rounds 55.00-65.00. Sudan: large rounds 40.00-45.00. Corn stalks, ground and delivered 70.00-80.00. The average paid by feedlots on March

1 for alfalfa ground and delivered was 108.59, up 2.46 from last month, usage was 809T/day, up 15 pct, and total usage was 25,086T.

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady and alfalfa pellets 2.00-5.00 higher, movement moderate. Alfalfa: horse, small squares 230.00-240.00, Dairy, .70-.80/point RFV, Supreme 140.00-150.00, Premium 130.00-140.00, Good 110.00-130.00. Stock cow alfalfa, 90.00-95.00. Fair/Good grinding alfalfa, 80.00-90.00. Ground and delivered locally to feedlots 100.00-110.00, an instance of 115.00-120.00. The week of 4/9-4/15, 4,625T of grinding alfalfa and 1,551T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 140.00-145.00, 17 pct protein 145.00-155.00, Dehydrated 17 pct 200.00-205.00. Grass hay: bluestem, mid and large squares 65.00-75.00, large rounds 60.00-70.00. Brome, mid and large squares, none reported, large rounds 75.00-80.00. Oat hay, large rounds 55.00-65.00. Sudan 60.00-70.00. Cane hay, large rounds 45.00-55.00. Corn stalks, ground and delivered 80.00-85.00. Straw large rounds 40.00-50.00, Straw, mid squares 50.00-55.00. The average paid by feedlots on March 1 for alfalfa ground and delivered was 100.63, up 2.08 from last month, usage was 308T/day, dn 3.75 pct, and total usage was 9,537T.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady, movement moderate. Alfalfa: horse or goat, 210.00-220.00. Dairy .70-.85/point RFV. Stock cow alfalfa 90.00-100.00. Fair/Good grinding alfalfa 70.00-80.00. Ground and delivered, 80.00-90.00. Grass hay: bluestem, small squares 100.00-110.00. Good, mid and large squares 75.00-85.00, large rounds 50.00-60.00. Brome: small squares 130.00-135.00. Good, mid and large squares 90.00-110.00, large rounds 55.00-65.00. Straw, mid squares 50.00-60.00. CWF grass mulch 30.00-40.00.

Northwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady, movement slow. Alfalfa: horse/goat, 180.00-190.00. Dairy, Premium/Supreme .80-.95/point RFV. Stock cow, fair/good 100.00-110.00. Fair/good grinding alfalfa, 65.00-75.00. Ground and delivered locally to feedlots and dairies, 90.00-95.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady, movement moderate. Alfalfa: horse, small squares 8.00-10.00/bale. Dairy .80-1.00/point RFV, Supreme 150.00-200.00. Premium 140.00-160.00, Good 130.00-140.00. Stock Cow, good 110.00-120.00. Fair/Good, grinding alfalfa,

80.00-90.00. Ground and delivered, 105.00-115.00. Grass hay: bluestem, small squares 4.00-6.00/bale, large squares 70.00-80.00, large rounds 60.00-70.00. Brome: Good, small squares 6.00-7.00/bale, mid and large squares, horse quality, 110.00-120.00, good large rounds 70.00-80.00. Sorghum/Sudan, large rounds 60.00-70.00. Straw, none reported. CWF grass mulch, none reported.

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

*CWF Certified Weed Free

*RFV calculated using the Wis/Minn formula.

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

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

Breed Associations to host youth leadership conference

The American Junior Simmental, Shorthorn and Gelbvieh Associations will host a joint leadership conference August 3-6, 2017, in Lincoln, Nebraska. The Summit is an all-new youth leadership conference.

This Summit is open to any youth ages 14-22 interested in expanding their knowledge about the beef industry. Registration closes July 1, 2017 and can be found by visiting the hosting breeds websites or Facebook pages.

Participants will get the chance to tour the United States Meat Animal Research Center and GeneSeek Laboratories as well as learn about different aspects of the beef industry. They will also learn about professional development and leadership skills. The participants will also visit the University of Nebraska-Lincoln meats lab and have the chance to see a college campus that may help with their future.

This conference will help grow the unprecedented collaboration between progressive breed associations to enhance beef industry profitability through a youth leadership conference. The youth of this industry are the future of agriculture.

For more information about this conference, contact Shelby Rogers at the American Shorthorn Association office at shelby@shorthorn.org, Emily Lochner at the American Simmental Association office at elochner@simmgen.com, and Mary Bea Martin at the American Gelbvieh Association at marybea@gelbvieh.org.

AUCTION

SATURDAY, MAY 6, 2017 — 10:00 AM

Located under cover at the Pottawatomie County Fairgrounds at the Northeast corner of ONAGA, KANSAS
• Lunch on grounds •

TRACTOR, TRAILER & MACHINERY ITEMS

Allis Chalmers D-17 gas tractor with add-on 3 pt., good; 2005 Lamar 18' tandem axle bumper hitch car trailer with ramps, good; AC tractor belt pulley; BMB 7' 3 pt. blade; 3 pt. post hole digger; 2-bottom AC snap coupler plow; BMB 5' pull type rotary mower; IHC No. 100 3 pt. balanced head mower with 7' bar; 3 pt. carry-all, good; 4-wheel wagon running gears; 2-wheel Model T pickup bed with hand crank dump; small 2-wheel dump trailer; trail type boom sprayer with 200 gallon fiberglass tank; 15 gallon 12V sprayer.

COLLECTIBLES

Pre-1900 foot pedal dentist drill with dental accessories; old well pump with handle; 4 good 5 gallon Conoco oil cans; well pipe jack; old scythe; 1-man cross cut saw; 3 metal toy buckets; old water sprinkler can; round and square wash tubs; small old Great Western stove; old fuel cans; oil fill jar spouts; many old car license plates; metal child's wagon; old brass padlocks; 2 old child's sleds; old wringer washer; antique No. 4 C-clamp; cistern pump; very old bicycle; 2 good old metal lawn chairs; very old hand crank drill press; several Golden Rod Quart oil cans; assorted old cans, boxes and bottles; old rope making machine; hand ear corn sheller; steel scoop shovel; Fairbanks platform scale; very old Sears & Roebuck rocking horse; old large S&K tool box for hand saws.

TILLER, GENERATORS & TOOLS

Troy-Bilt Horse rear tine tiller; Predator 4000w portable gas generator, new never used; Generac 4000w gas powered generator; Snapper SR 928 rider mower, not running; Husky pull type lawn sprayer; 4-wheel rubber tired hand pull utility wagon; Craftsman 12" wood lathe on table; 125 Fluxcore MIG welder kit welder; new instant darkening welder helmet; 2 ton floor jack; near new Handyman jack; Milwaukee heavy duty rotary electric hammer drill; DeWalt rechargeable drill; Milwaukee 4 1/2" grinder; several good chains and boomers; near new heavy log chain; large oil cans; many hand tools of all types including chisels, punches, nail pullers, axes, shovels, several long handled dirt spoons, long handle straight shovel, jointer plane, other planes, soldering irons, drill bits, C-clamps, sever-

al hand saws, bar clamps, large tongs, long handled bolt cutter, wooden handles, hammers, pry bars, forks, wood auger bits; air compressor; Craftsman miter box; 24" pipe wrench; ladder jacks; acetylene torch, no bottles; water transfer pump and hose; extra transfer pump motor; Cappy Capacitor tester; Amprobe tester; very good Craftsman metal stacked tool box, like new; wheelbarrow; 18' wooden ladder; railroad iron anvil; brazing rods; 4 jack stands; post puller; smaller aluminum tool box; propane bottle with torch burner; several plastic fuel containers; Husqvarna No. 36 air injection chain saw; Worlds Greatest aluminum fold-over ladder.

ELECTRICAL & BUILDING SUPPLIES

Lots of electrical wire, tri plex down to small wire; heavy wire crimpers; pole climbers and belt; conduit pipe, various sizes and bender; many electrical parts, fuses, sockets, plugs, bulbs, breakers, receptacles with heater elements and many other electrical supplies; 6 new Low-Bay 400 watt lights; old insulators; boxes of wire mold; brass fittings and valves; assorted duct work; many pieces of 3/8x24" all thread; 2 new Art glass sinks; Duo-Therm Quick Cool High Efficiency motor home AC unit; new 32" corner entry shower kit in original box; several pieces of new 4" channel iron and angle iron pieces.

HOUSEHOLD APPLIANCES & HOUSEHOLD ITEMS

Lindy Spring LCR Series II water softener, used 1 year; Montgomery Ward compact refrigerator; small apartment-size deep freeze, chest type; Everstar one room upright air conditioner; blue granite roaster, small pressure cooker, toaster, blender; large electric griddle; assorted cookware; Stylist sewing machine.

MISC. ITEMS

Evinrude Lark 30hp boat motor with gas tank; assorted rods & reels and fishing supplies; cane poles; new Kero-Sun heater; 6' galvanized stock tank, like new; Purple Martin bird house; 3 pt. draw bar; several good extension cords; garden tools; 2 rolls of good 4 1/2" galvanized yard fence wire; 2 battery electric fences; lawn roller; tall wooden 2-door storage cabinet; 75 used steel posts; small electric fence posts; plus many more collectibles and assorted tools of all types.

AUCTIONEER'S NOTE: Mr. Millick's father was an electrician therefore we have lots of electrical supplies and many good old collectibles of all kinds. Please check website for complete listing. TERMS: Cash or valid check. Not responsible for accidents of theft. Statements made sale day take precedence over printed material.

SELLER: MONTE MILLICK

Phone: 785-844-2725

Auction Conducted By: **CLINE REALTY & AUCTION, LLC**
ONAGA, KANSAS • 785-889-4775

John E. Cline, Broker-Auctioneer, 785-532-8381
Austin Cline, Auctioneer, Frankfort, KS, 785-565-3246
www.mcclivestock.com/clinerealty

REAL ESTATE AUCTION

SATURDAY, MAY 13, 2017 • 10:00 AM

Auction Location: 22030 Campground Rd — PAXICO, KS

UPDATED MAP & ACREAGE REAL ESTATE SELLS AT NOON



Tract 1: Farmhouse, Buildings And 2.77 Acres +/- (Survey Available On Our Website) 3 Bedroom/ 1&1/2 Bath
Tract 2: 29 +/- Acres Of Land Laying South Of Mill Creek. See Picture Inset

OPEN HOUSE: SUNDAY, MAY 7 • 1-3 PM

Terms: Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before June 13, 2017. Buyer needs bank letter of loan approval or funds verification. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Seller reserves the right not to accept high bid. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

VEHICLE: 1972 Chevy custom/10 pickup, V8 350, 3 speed manual transmission, w/57,384 miles; pickup bed trailer. **FURNITURE & APPLIANCES:** Lester-Philadelphia USA piano & bench; sofa, platform rockers; o/s chairs; sm. coffee table/w glass top & metal feet; old dropleaf dining table w/pads; wood kitchen table w/pull out leaves & 2 chairs; 4 old straight chairs w/tufted black leather backs and seats; old buffet (nice); 6 drawer blonde chest (Fashion Trend by Johnson-Carper); full size bed (David Cabinet Co.); 3 drawer dresser w/mirror (David Cabinet Co., nice); old wood rocker; single bed; misc. wood chairs; sm. desk w/glass top; night stands; round wicker stool; old footstools; end tables; card table; magazine racks; metal TV trays; roll away bed; ornate floor lamps & others; beveled wall mirror; metal cabinet; '50s porcelain top table; wood folding chairs; Faberware indoor grill; Sunbeam Mixmaster; small kitchen appliances; Amana Radar Range; Maytag electric dryer; GE washer; Farm Frigidaire Chest Freezer. **ANTIQUES & GLASSWARE:** Lg. cast iron large/school bell marked Montgomery Yard & Co., Crystal Metal, Chicago, Illinois w/number 26 on the bell; old large mounted drill press & drill bits; part of antique stove; c.i. floor grates; ornate iron bed frame; sm. wood keg; old child's potty chair; old ladies hats; Stetson hat in box; lg. tapestry floor rug; jewelry box; costume jewelry; sm. pink ice cream freezer; alumn. pitcher; 1943 & 1944 Kansas State Royal Purple & other old books; old pictures; framed crevel pictures by Mary Ellen Crisp; lg. wicker laundry basket w/wood handles (nice); old foot locker; old trunk; old baby bed; Butter-nut coffee tins; old sm. alum. milk can w/lid & handle (nice); old cheese box; Columbia Family Scales; Ball blue glass canning jars w/glass lids & others; milk bottles; metal boiler; old oil cans; scythe; draw knife; Henry Disston & Son one man saw (nice) & others; grey granite bowl; cream & green granite coffee pot; lg oval black and white granite pan; kerosene lamp; old toaster; horse hames & misc. horse harness pcs.; c.i. windmill well pump cup; brace & bit; old levels; Keen Kutter No. 18 pipe wrench; old horseshoes; old rooster figurines; pr. white dove figurines by Andrea; Frankoma boat dish #211; Frankoma coffee cups; sm. brown crock & bowl; blue fire king mixing bowls & other fire king dishes; pyrex; Jewel T bowl; glassbake coffee cups; corningware; German granite fire king percolator; set of Corelle dishes; old kitchen utensils; salt & pepper shakers; Eb. Langbein original Western Zone Germany honey pot; knick knacks; old aprons. **YARD & TOOLS:** Iron well pump; log roller; lawn chairs & glider; yard tools; Craftsman hedge trimmer; bushel baskets; martin house; hand seeder; 4 rolls of barbed wire & misc. barbed wire; 6' metal fence posts (new); roll of wire; old grease pump; 6' Cuprum ladder; alum. scoop shovel; ammo boxes; old floor jack; handyman jack; giant clevis; 3 1/2" vice (The Chas. Parker Co.); log chains; post hole diggers; rock bars; wheelbarrows; galv. buckets; round galv. wash tub marked Cream City with a 2 in the bottom; sprayers; air bubble; misc. hand tools; 1/2" drive socket set. **MISC. & LOTS MORE!**

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2015.....MacDon FD75 (35').....	\$55,900
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New study offers good news for pork producers

What happens when meat scientists get their hands on nearly 8,000 commercially raised pigs? They spend a year running dozens of tests and crunching numbers to arrive at research-backed management recommendations for pork producers.

"We had an opportunity to answer a lot of questions for the pork industry," says Dustin Boler, assistant professor in the animal sciences department at the University of Illinois.

Anna Dilger, an associate professor in the department, explains their approach. "The two main questions were, 'Can I measure quality in one part of the pig and predict quality in the rest of it?' And then, 'What is the true variability in pork quality out there and what's causing it?'"

The team, which also included U of I graduate students, USDA meat science

researchers, and a representative from Smithfield Foods, recently published their findings in five articles.

In the first article, the team looked at correlations between loin quality and quality of the belly and ham from the same pig. In this case, quality was defined mostly by color and tenderness. "Color is what drives whether or not a consumer purchases a particular pork chop. It translates into what we think of as purchase intent. Color is always number one," Boler says. "After that, we look at whether a product is tender. If it is tender enough, we think that will translate into a repeat purchase."

Unfortunately, the team found no correlation between loin quality and the quality of other cuts. "Just because a loin has desirable color and is tender

doesn't mean the same animal is going to produce a good belly for bacon or a great ham for a special dinner. It didn't. Hypothesis one: scratched," Boler reports.

The remainder of the articles focused on understanding the variability in pork products – how much variability exists, and where it comes from. For example, one of the articles focused on barrows (castrated male pigs) and gilts (young, pre-bred female pigs).

"We know barrows and gilts are different, but we wanted to know if they differ in how variable they are, or if one produces a more consistent product," Dilger explains. "You can deal with differences. It's harder to deal with variability."

Traits associated with fatness, such as marbling, were more variable in barrows than in gilts, but the

sexes varied to approximately the same degree in terms of muscling and lean quality. Based on these results, Dilger says that barrows and gilts probably do not need to be managed differently unless producers are targeting a very specific branded product.

In another article, the researchers admit they had to channel their inner statistics geeks. They looked at every possible aspect of pork quality and tried to pinpoint the major sources of variability in the dataset, from season, production focus, marketing group, and sex to variation within individual animals. In the end, those individual differences accounted for the largest portion of the variability.

"A lot of factors turn a pig into pork," Boler notes. "In the pig's journey from the farm to his ultimate fate, a lot of things happen.

Whether he got in an argument with other pigs on the truck, whether he had to walk a long or a short distance, how much rest he was given at the plant, what kind of experience he had during termination, how that carcass was cooled. All these things can independently influence the products derived from that pig."

Finding that the majority of the variability was within individual pigs and not in any particular management practice is good news for producers.

"It means the things they're doing to deal with the variability in their environment are just fine. They don't need to stop doing any of those things," Dilger says. "There are things in the industry that get picked on. One of those is pigs raised in the summer. People think, 'Ah, they're so bad, so slow.' But no, they're

fine. Gilts get blamed for a lot of things, too, but in the end, they're fine. We're not going to get rid of young female pigs or the summer. I believe we're stuck with those. Understanding the variability and differences allows you to better manage the system."

The articles discussed here, "Pork loin quality is not indicative of fresh belly or fresh and cured ham quality," "Comparison of variability in pork carcass composition and quality between barrows and gilts," and "Characterization of variability in pork carcass composition and primal quality," are published in the *Journal of Animal Science*. Two additional articles resulting from the project are also published in the journal. The project was funded by The National Pork Board.

USMEF hosts farm-to-plate tour of U.S. beef and pork industries

USMEF recently hosted a team of chefs and culinary educators from Peru and Colombia for a farm-to-plate tour of the U.S. beef and pork industries. The primary objective was to better familiarize team members with the positive attributes of U.S. red meat so they can utilize this expertise in future presentations and demonstrations in South America. The group was accompanied by USMEF Technical Services Manager Cheyenne McEndaffer and Colombia-based representative Pablo Londono, and its activities were funded by the Beef Checkoff Program and the Pork Checkoff.

The week began at USMEF headquarters in Denver, where members of the Technical Services team gave an overview of the U.S. industry and explained USMEF's role in international market development and assisting exporters in serving these markets.

The team's next stop was at the Beef Culinary Center in Centennial, Colorado, a beef checkoff-funded facility focused on innovation and new product development. The Beef Innovations Group from the National Cattlemen's Beef Association, a contractor to the Beef Checkoff Program, provided the team with a beef cutting, preparation and cooking demonstration that showcased the quality and versatility of U.S. beef.

The following day focused on beef production in northeastern Colorado, as the team visited the Christensen Brothers cow/calf operation near Weldona, Magnum Feedyards near Wiggins and the Cargill beef slaughter plant in Fort Morgan.

The pork portion of the tour began in Manhattan, Kansas with a pork production overview and farm-to-finish farm tour with Dr. Jason Woodworth, research associate professor at Kansas State University's Department of Animal Sciences and Industry. This was followed by a pork carcass cutting demonstration with Dr. Travis O'Quinn, assistant professor and meat Extension specialist.

The following day, the team visited the Triumph Foods pork slaughter plant in St. Joseph, Missouri.

Throughout the U.S. tour, the chef team also had the opportunity to sample beef and pork dishes at several restaurants and gain a

stronger appreciation for the value and variety these products deliver for the foodservice sector.

"This was very much a 'train-the-trainers' exercise in which USMEF had the opportunity to host chefs who will take what they learned back to South America for use in culinary demonstrations and seminars that showcase U.S. pork and beef," McEndaffer explained. "There are strong growth opportunities in the South American foodservice and retail sectors, but these markets are intensely competitive and we need key influencers who can help us expand the presence of U.S. meat. The chefs who participated on this team will be perfect for this role."

Jessica Julca, USMEF representative in South America, noted that the chefs are uniquely qualified to convey the positive attributes of U.S. meat and will serve as a valuable resource as the industry seeks to expand its footprint in South America.

"For this endeavor, USMEF specifically identified chefs with varying backgrounds," Julca ex-

plained. "Cecilia Alfaro not only teaches at one of the most important gastronomic schools in Peru, she is also an animal science expert who understands how genetics and production practices impact meat quality. Miguel Hurtado is the executive chef for an importer/distributor, which allows him to explain the importance of reliable logistics and pricing for international clients, and to emphasize the great quality and consumer satisfaction U.S. products deliver. Nicolas Diaz has worked as an executive chef and administrator in a burger chain and a high-end steakhouse

in Peru, so he has excellent knowledge of different cuts and how to maximize yields for a successful operation."

Colombia, Chile and Peru are the primary South American destinations for U.S. pork and beef, with

combined exports last year valued at more than \$250 million. Uruguay and Ecuador are also open to both pork and beef products and exports to Ecuador could expand substantially this year as temporary import

duties, first imposed in 2015, are phased out. Brazil also recently opened to U.S. beef and USMEF sees potential in the Brazilian market for certain muscle cuts such as picanha and for beef livers.

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COWS		BULLS		HEIFERS	
Herington, 1 bwf	1020@115.00	Sedgwick, 1 blk	1715@68.50	Esckridge, 14 blk	887@133.00
Herington, 1 blk	1125@112.00	Lincolville, 1 blk	1700@68.50	White City, 60 blk	911@132.00
Herington, 1 blk	1030@90.00	Manhattan, 2 blk	475@171.00	Marion, 53 blk	910@132.00
Sedgwick, 1 blk	1030@90.00	Alta Vista, 8 mix	508@167.75	Gypsum, 9 blk	891@131.00
Wilsey, 1 blk	1135@83.00	Cncl Grve, 3 blk	590@155.00	Ramona, 56 mix	962@128.75
Herington, 1 blk	1435@79.50	Alta Vista, 17 mix	651@147.50	Hope, 60 mix	925@128.50
Manhattan, 1 blk	1285@71.50	Wilsey, 1 blk	1960@96.00	Tampa, 106 mix	948@126.00
Sedgwick, 1 blk	1120@71.00	Wilsey, 1 blk	1875@95.50	Gypsum, 9 blk	1012@122.50
Sedgwick, 1 blk	1150@70.50	Herington, 1 blk	1905@90.00	Abilene, 2 blk	445@166.00
Sedgwick, 1 blk	1145@70.00	Herington, 1 blk	2190@86.00	Hillsboro, 2 blk	375@164.00
Herington, 1 blk	1885@70.00	Marion, 1 Char	2260@85.00	Hillsboro, 2 mix	420@150.00
Herington, 1 blk	1820@70.00	Herington, 1 blk	2325@85.00	Abilene, 3 mix	422@149.00
Herington, 1 blk	1740@70.00	White City, 4 blk	476@179.00	Alta Vista, 18 mix	503@146.00
Herington, 1 red	1550@70.00	Hillsboro, 3 blk	495@171.00	Lincolville, 18 blk	509@143.50
Herington, 1 blk	1590@70.00	Herington, 10 mix	548@169.50	Alta Vista, 8 mix	571@142.50
Herington, 1 blk	1185@69.50	Marion, 7 blk	567@166.50	Junction City, 9 blk	521@141.00
Chapman, 1 rwf	1835@69.50	Herington, 6 blk	564@165.50	Herington, 3 blk	528@140.50
Chapman, 1 rwf	1620@69.50	Junction City, 5 blk	559@163.00	White City, 2 blk	550@140.00
Cncl Grve, 1 blk	1290@69.50	Hillsboro, 6 blk	570@161.50	Gypsum, 20 mix	620@139.50
Sedgwick, 1 blk	1280@69.50	Woodbine, 5 red	607@159.50	Cncl Grve, 8 mix	650@136.50
Cncl Grve, 1 rwf	1140@69.50	Gypsum, 9 mix	590@159.00	Tampa, 9 blk	633@135.25
Herington, 1 blk	1840@69.50	White City, 3 blk	618@158.00	Lincolville, 27 blk	652@135.00
Herington, 1 blk	1810@69.50	Herington, 18 mix	668@149.50	Herington, 8 blk	641@130.25
Herington, 1 blk	1560@69.50	Gypsum, 27 blk	716@146.00	Lost Springs, 7 blk	641@130.00
Lincolville, 1 blk	1730@69.50	Herington, 10 blk	810@137.00	Gypsum, 4 mix	736@130.00
Lincolville, 1 blk	1345@69.50	Lincolville, 60 mix	854@135.35	White City, 39 blk	807@127.35
Chapman, 1 rwf	1875@69.00	Marion, 61 mix	889@134.10	White City, 36 blk	815@126.50
Sedgwick, 1 blk	1490@69.00	Lincolville, 60 mix	869@133.75	Marion, 3 blk	920@119.00
Cncl Grve, 1 blk	1530@69.00	Emporia, 8 blk	858@133.50		
Herington, 1 blk	1525@68.50				

CONSIGNMENTS FOR APRIL 26:

- 30 mix strs, 700-900 lbs, home raised, long time weaned, all shots
- 58 mix strs, 550 lbs, home raised, long time weaned, all shots
- 26 blk hfrs, 550-700 lbs, home raised, long time weaned, all shots
- 10 bull calves, hfrs calves, all blk, home raised, all shots, 550-650 lbs
- 180 mostly blk strs, 975 lbs

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SPECIAL SHEEP/GOAT SALE APRIL 27 @ 6:30

- 60 wf bf lambs, 45-60 lbs
- 25-30 Ramby ewes
- 30-35 bf lambs, 60-100 lbs
- 10-15 #1 fat kids 55-65 lbs
- 20 bf ewes
- 10 nannies

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LAND & REAL ESTATE AUCTION

TUESDAY, MAY 23 — 6:00 PM
Geary County 4-H/Sr. Citizens Center,
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LAND: 100 ACRES± TILLABLE, PASTURE & WOODED.
TO BE OFFERED IN 4 TRACTS

TRACT 1: 28 acres± tillable, pasture & wooded sits along US 77 Hwy.
TRACT 2: 40 acres± Tillable, Pasture, wooded with outbuildings.
TRACT 3: 7 acres± pasture with outbuilding.
TRACT 4: 25± acres tillable and terraced.

This land is located close to Milford Lake next to 77 Hwy. It is approximately 4 miles north of 170 Hwy Sap Brothers exit, Junction City. Tillable acres are currently planted. Land owners rights for 2017 will pass with new owner.

HOUSE & LAND
Property Address: 8400 Nelson Road, Junction City, KS
• Ranch-style House and 12 acres± pasture, 3 bedroom, 2 bath, 1,485 sq. ft. upper floor, 1,485 sq. ft. unfinished basement. Home was built in 2007.

Great property in the country 5 miles south of 170 at Grandview Plaza exit.

TERMS & CONDITIONS: 10% of purchase price down day of auction. Sale is not contingent upon financing. Closing on or before **June 30, 2017**. Possession at closing. Taxes will be prorated to date of closing. Closing cost will be split 50-50 between buyer and seller. Property selling as is, where is. Make all inspections and inquiries before auction. Seller nor Auction Company is making any warranties, expressed or implied. **Ruckert Realty & Auction is acting as agent for the sellers and not as an agent for the buyer.** Not responsible for accidents. Statements made day of sale take precedence over any other information.

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Power of Meat Survey results announced at Annual Meat Conference

Results of the 11th annual Power of Meat Survey were announced at the closing general session of the Annual Meat Conference. The survey collected results

from 1,360 shoppers from across the U.S.

Key findings of the survey confirmed that promotions and sales are becoming more popular, including an

increasing focus on digital shopping. Consumers are continuing to look for meat with special attributes and label claims. And ready-to-prepare meal kits in the meat department interested 53 percent of respondents.

The importance of reaching the millennial consumer was emphasized, as it was noted that the meat industry is not gaining dollars from millennial shoppers at the rate at which it is losing dollars from baby boomer shoppers. Millennials cited price as their top factor when deciding on meat purchases.

Product appearance fell to third place in importance. Transparency and consumer communication were also mentioned as opportunities in reaching the millennial market. Survey results found that overall shopper satisfaction related to the meat shopping experience continues to be high.

"Meat and poultry remain shoppers' go-to source for protein and essential nutrients," said North American Meat Institute president and CEO Barry Carpenter. "The industry is working hard to respond to consum-

er demands for transparency and is continuing to offer a variety of convenient, flavorful and nutritious fresh and processed products to an increasingly diverse consumer base, particularly with regards to millennial shoppers, whose influence is growing at retail."

To learn more about the survey results, visit <http://tinyurl.com/2017-PowerOfMeat>.

Also at the Annual Meat Conference, Midan Marketing released new "Segmentation" research, which categorized meat-eating

consumers into six groups. This was based on looking at how and how often meat-eating adults prepare meat for home consumption. The groups included were voracious carnivores, wavering budgeteers, premium players, aging idealists, selective foodies and urban eclectics. Midan Marketing followed up with recommendations on how to best market to each particular segment.

To learn about the results, visit <http://segmeata.com/>.



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STEERS		Price Range
300-400		\$177.00-\$209.00
400-500		\$180.00-\$201.00
500-600		\$164.00-\$190.00
600-700		\$155.00-\$181.00
700-800		\$141.00-\$160.00
800-900		\$130.00-\$144.00
900-1000		\$118.00-\$134.00
HEIFERS		Price Range
400-500		\$141.00-\$170.00
500-600		\$132.00-\$161.00
600-700		\$131.00-\$146.00
700-800		\$130.00-\$139.75
800-900		\$115.00-\$129.00
900-1,000		\$118.00-\$129.75
STEERS		Price
4 mix	Assaria	359@209.00
11 blk	Solomon	350@206.00
4 blk	Minneapolis	351@206.00
4 blk	Lehigh	325@204.00
14 mix	Assaria	428@201.00
12 mix	Minneapolis	433@198.00
5 blk	Beverly	385@196.00
17 blk	Claffin	472@195.50
3 blk	Ellsworth	403@195.00
4 blk	Lehigh	416@194.00
19 blk	Solomon	426@193.00
3 blk	Ellinwood	480@192.50
29 mix	Solomon	477@190.00
20 blk	Claffin	565@190.00
14 blk	Abilene	579@189.50
13 blk	Clay Center	502@189.50
12 mix	Hope	513@188.50
17 blk	Beloit	449@188.00
11 blk	Ottawa	505@187.00
7 blk	Kanopolis	421@186.00
12 blk	Bushton	545@185.50
6 blk	Hillsboro	570@185.00
8 mix	Durham	593@185.00
3 blk	Galva	562@183.50
9 blk	Elmdale	598@183.00
5 mix	Beloit	609@181.00
8 blk	Claffin	619@181.00
4 blk	Clay Center	618@171.00
11 mix	Minneapolis	631@166.00
23 mix	Bushton	702@160.00
7 mix	Delphos	724@158.00
4 blk	McPherson	741@156.00
23 blk	Inman	721@152.75
4 blk	Ada	719@151.00
8 blk	Sedgwick	761@151.00
70 char	Minneapolis	711@150.75
3 blk	Hillsboro	758@149.00
4 blk	Wilson	778@147.00
8 blk	Delphos	789@145.50
5 blk	Lincoln	812@144.00
54 mix	Canton	818@143.00
100 blk	Assaria	810@142.60
55 blk	Hope	799@142.00
49 blk	Inman	804@141.75
5 blk	Latham	821@141.00
64 mix	Hope	829@141.00
58 mix	Abilene	838@140.85
7 blk	Wichita	804@140.00
65 blk	Hope	834@139.75
59 mix	Valley Center	847@139.35
53 mix	Canton	887@138.75
8 blk	Latham	919@134.00
29 mix	Sterling	916@132.35
14 blk	Delphos	949@131.75
21 blk	Lincoln	958@130.00
60 mix	Abilene	950@130.00
HEIFERS		Price
5 blk	McPherson	436@170.00
6 blk	Solomon	408@169.00
10 blk	Abilene	437@163.50
17 mix	Assaria	397@163.50
11 blk	Abilene	507@161.00

SPECIAL COW SALE SCHEDULE

Tuesday, May 2, 2017
STARTS AT NOON WITH BULLS

12 blk	McPherson	522@159.00
5 blk	Claffin	427@159.00
8 blk	Chase	439@159.00
7 mix	McPherson	457@157.00
23 mix	Minneapolis	411@157.00
10 blk	Claffin	494@155.00
22 mix	Clay Center	432@153.00
9 blk	Ada	501@153.00
14 mix	Assaria	515@153.00
14 blk	Claffin	521@152.00
5 blk	Clay Center	561@149.00
4 blk	Delphos	516@149.00
11 mix	McPherson	535@149.00
7 mix	Beloit	614@146.00
3 blk	Abilene	517@146.00
19 mix	Minneapolis	521@146.00
13 mix	Miltonvale	602@144.50
134 char	Minneapolis	672@144.50
7 blk	Hillsboro	575@144.00
69 mix	Bushton	660@143.25
9 blk	Lincoln	658@143.00
18 mix	Delphos	661@141.50
26 char	Minneapolis	613@140.50
5 mix	Beloit	631@140.00
73 mix	Bushton	750@139.75
29 blk	Lincoln	745@139.60
6 blk	Benton	614@139.00
8 mix	Solomon	733@139.00
9 mix	McPherson	617@139.00
14 mix	Miltonvale	696@139.00
70 blk	Ada	726@139.00
9 blk	Delphos	663@138.50
15 blk	Benton	669@138.00
7 blk	Galva	629@137.00
36 mix	Bushton	743@136.75
7 blk	Wichita	730@136.00
14 mix	Delphos	744@136.00
7 blk	Lincoln	757@135.50
8 blk	Lindsborg	709@135.50
67 char	Minneapolis	735@135.50
5 red	Salina	713@135.00
66 mix	Beloit	783@133.10
4 blk	Assaria	799@132.50
6 blk	Lincoln	793@131.50
119 mix	Cedar Point	774@131.00
6 mix	Hope	924@129.25
8 blk	Lindsborg	791@129.00
11 blk	Latham	815@129.00
32 mix	Bushton	820@129.00
61 blk	Cedar Point	801@129.00
9 blk	Lincoln	897@128.00
7 red	Ellsworth	817@128.00
10 mix	Miltonvale	850@128.00
5 blk	Inman	915@126.00
84 mix	Gypsum	888@125.50
15 blk	Durham	908@125.00
HEIFER PAIRS		Price
6 blk	Wilsey	@2460.00
15 blk	Lindsborg	@2375.00
6 blk	Wichita	@2325.00
11 red	Arlington	@2325.00
9 blk	Lindsborg	@2250.00
10 blk	Marquette	@2250.00
8 red	Gypsum	@2225.00
3 blk	Wilsey	@2175.00
21 blk	Hope	@2100.00
8 blk	Barnard	@2100.00
5 blk	Arlington	@2100.00
12 red	Arlington	@2075.00
11 red	Ada	@2050.00
18 blk	Marquette	@2050.00
8 blk	Lincoln	@2010.00
41 blk	Manhattan	@2000.00
18 blk	Ada	@2000.00

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE

Hogs sell at 10:30 a.m. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

THURSDAY — CATTLE ONLY

Selling starts at 10:00 a.m. Consign your cattle as early as possible so we can get them highly advertised.

— AUCTIONEERS —

KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

For a complete list of cattle for all sales check out our website www.fandrive.com

20 red	Ada	@2000.00	13 blk	Beaver Crossing, NE	young@1560.00
10 blk	Minneapolis	@2000.00	25 blk	Wilsey	young@1560.00
COW/CALF PAIRS					
7 young	Abilene	@2050.00	2 bwf	Belleville	young@1550.00
7 young	Randall	@2000.00	12 bwf	Leoti	young@1535.00
8 young	Abilene	@1985.00	24 blk	Leoti	young@1535.00
3 young	Randall	@1875.00	20 blk	Lindsborg	young@1535.00
6 young	Tescott	@1850.00	135 blk	Leoti	young@1510.00
16 young	Bennington	@1600.00	5 blk	Lorraine	young@1500.00
3 middle age	Benton	@1475.00	6 blk	Wilsey	young@1485.00
7 broken	Bennington	@1375.00	94 blk	Leoti	young@1460.00
OPEN REPLACEMENT					
12 blk	Culver	834@1335.00	1 char	Canton	225@475.00
15 blk	Salina	804@1325.00	1 bwf	Galco	160@475.00
30 blk	Hutchinson	912@1285.00	1 blk	Minneapolis	160@460.00
31 blk	Ellsworth	865@1225.00	1 char	Canton	210@460.00
41 blk	Quinter	787@1135.00	1 blk	Falun	215@410.00
FALL COWS					
13 blk	Stillwater, OK	young@1975.00	1 rwf	Galco	175@400.00
8 blk	Stillwater, OK	young@1675.00	1 blk	Galva	130@400.00
20 blk	Belleville	young@1660.00	1 blk	Minneapolis	155@335.00
21 blk	Beaver Crossing, NE	young@1585.00			
33 blk	Gypsum	young@1585.00			
11 blk	Gypsum	young@1575.00			

EARLY CONSIGNMENTS FOR THURSDAY, APRIL 27:

80 blk calves 300-500 worked, 10 s/h char 500-550 long weaned vacc, 12 s/h 550-650 open weaned 21 days, 11 s/h 500-600 open, 40 s/h 500-700, 55 s/h char x 450-650 home raised 2 rnds vacc 30 days weaned open, 23 s/h char x 450-650 home raised 2 rnds vacc 30 days weaned open, 12 s/h 500-600, 56 s/h blk 500-625 no implants bunk broke. PLUS MORE BY SALE TIME

EARLY CONSIGNMENTS FOR TUESDAY, MAY 2 SPECIAL COW SALE STARTS AT 12:00 NOON

BULLS: 20 bulls angus reg 18 month old semen tested, 25 reg angus sim angus 18 month EPD's semen checked, 4 angus bulls 15 month virgin semen checked, 2 blk sim/angus 2 year olds semen and trich tested, 2 - 2 year old reg angus AI sired genomic enhanced EPD's semen & trich tested, 3 yearling reg angus AI sired genomic enhanced EPD's semen & trich tested, 5 yearling reg angus bulls EPD's & semen checked, 10 angus bulls long yearlings semen checked, 3 - 2 year olds semen & trich tested reg polled hereford, 3 yearlings semen reg polled hereford, 7 angus 4-5 year olds, 3 pure bred angus 2 year olds home raised semen & trich tested, 1 - 2 year old limflex home raised semen & trich tested, 2 char bulls 190 mos old virgin semen checked, 1 char bull 15 mos old virgin semen checked, 5 2 year old blk angus registered semen & trich tested calving ease. **HEIFER PAIRS:** 80/80 blk bred AI sting ray 60 AI sired is day window clean up angus, 19 blk/red hfrs AI sired Feb calves worked and ready for grass, red angus N origin vacc banded, 10/10 char red angus calved worked, 8/8 blk pairs, 3/3 char/red angus x Wood Crows Char calves, 15/15 blk calves will be 3 weeks old nice to fancy poured UTD vacc open, 100/100 blk N origin AI calves, 40/40 blk OCHV big red angus calves **REPLACEMENT HEIFERS:** 10 blk home raised, 2 red angus bred to red angus bulls fall calves, 3 red char x OCHV'd **COW SALE:** 110 fall bred cows mostly angus cows bred to Cow Camp sim/angus bulls, red angus pairs 3-5 years old, 20/20 blk/red cows 5-8 years, 125 blk/bwf 3-5 years old bred angus fall calves N Dakota or Montana origin, 400 AI bred, 6/6 blk angus pairs 3 years 30-45 day old calves 40 blk cows 4-6 years old worked ready for grass, 10 cows calving fall, 6/6 fall pairs young 3 in 1, 20 pairs 2-7 years calves worked balancer bulls mostly blk, 45 blk/red angus cows 5-7 years old bred back to Gebel bull calves August 15th for 60 days, 12/12 older pairs calves worked, 35 mostly blk fall bred 5 years and older, 10-15 solid to older pairs, 12/12 older pairs, 19/19 red angus cows 4 years rd/wf calves bred blk blk angu S Dakota origin 3 in 1 deal, 8 bred or pair 2 running age bred hereford or angus, 10 fall bred cows 6-8 year old bred McCurry angus Aug-Sept calvers, 4 pairs - 4 year old hereford cows blk/bwf march calves pre-breed vacc pured BVD-PI free, 6 pairs - 4 years old rd/wf cows blk/bwf March/April calvers pre breed vacc pured BVD-PI free, 10/10 406 year old calves big & fancy UTD vacc poured open, 9 blk cows 3-8 years fall bred, 3/3 red angus middle age, 30 bred cows 3-7 yrs bred reg angus bulls late summer/fall home raised OCHV'd, 250 blk/rd angus 3-5 years old N origin bred to Ohide angus or Oleen hereford, 12/12 blk older pairs. **BRED HEIFERS:** 60 red angus hfrs AI bred to ABC Jackhammer cleaned up with AHL conquest bulls semen & bulls from LeDoux ranch hfrs Ogallala NE, 60 blk angus hfrs bull bred to Barrett's Easy Answer bulls from Gene Barrett bulls in 11/27/2016, 45 angus home raised OCHV AI bred to angus valley clean up with Connealey Thunder Sons calved Sept 1st 60 days or less. **PLUS MORE BY SALE TIME.**

IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 6'8" X 24' GOOSENECK STOCK TRAILER METAL TOP
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- 6'8" X 24' GR Stock Trailer Metal Top
- 6'8" X 20' GOOSENECK STOCK TRAILER 3/4 TOP

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884
Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Check our listings each week on our website at www.fandrive.com

Jim Crowther
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Roxbury, KS

Lisa Long
620-553-2351
Ellsworth, KS

Cody Schafer
620-381-1050
Durham, KS

Kenny Briscoe
785-658-7386
Lincoln, KS

Kevin Henke
H: 785-729-3473, C: 785-565-3525
Agenda, KS

Austin Rathbun
785-531-0042
Ellsworth, KS

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

RATES AND DISCOUNTS

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

Name: _____ Phone #: _____

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



WRITE YOUR AD HERE

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RATE: 65¢ a word.

Number of words: _____ @ 65¢ each

Cost for one week: _____

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

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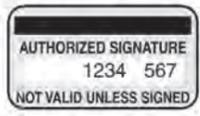
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- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
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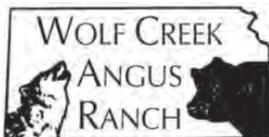


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December 11-15



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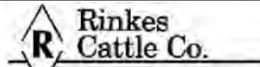
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2008 Case IH Farmall 45 w/ldr, 1800 hrs.....\$24,500.00 (W)
1983 Case 2090 2wd w/ldr, 7706 hrs.....\$12,500.00 (C)
2011 JD 8310R, 2446 hrs\$172,500.00 (H)

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Case IH 1200 16/31RN plain\$36,000.00 (H)
Case IH 1250 12RN w/liquid.....\$58,500.00 (W)
Case IH 1250 16RN w/liquid.....\$68,500.00 (M)
Case IH 1250 24RN w/liquid.....\$85,000.00 (H)
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GP YP1225A 24RN w/liquid.....\$39,500.00 (C)
GP YP4025A 32TR w/liquid.....\$79,500.00 (C)
Kinze 3200 12RN w/liquid.....\$33,500.00 (M)

MACHINERY

COMBINES
2007 Case IH 7010, 4WD
2005 Case IH 2377 4WD
2003 Case IH 2388 4WD
2007 CASE IH 2020 flex, 30', 35'
2005 CASE IH 2208 8RN
1986 Case IH 1063 6RN
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Case IH Maxxum 125 MFD
Case IH Farmall 120C MFD
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2015 Case IH 75C MFD, ldr
2013 Case IH Maxxum 125 MC
2008 JD 6430 cab, MFD
1996 JD 6300, 2WD, cab, ldr
1976 IH1086 tractor
MISCELLANEOUS
2010 Case IH 330 Turbo, 31'
2014 Kinze 3500 8/15
1995 Case IH 4800 FC 32'
1994 Case IH 8465, twine Landpride RB 55120 10' blade GP 2SF24 Drill
2007 Schaben Sprayer, PT, 45'
1999 GP 1005NT drill
Westendorf TA26 loader



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Krause 5200F 25' w/liquid.....\$14,500.00 (C)

COMBINES:
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2004 Case IH 8010, 3053 hrs.. \$79,500.00 (C)
2013 Case IH 7230, 1443 hrs.. \$190,000.00 (W)
2010 Case IH 5088, 1267 hrs.. \$165,000.00 (W)
1994 Case IH 1688, 4935 hrs.. \$29,500.00 (H)
2010 JD 9770 STS, 921 hrs\$179,500.00 (C)

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'12 JD S660\$184,500
'12 JD S660.....\$199,500
'10 JD 9870\$149,500
'09 JD 9770\$129,500
'05 JD 9660\$68,000
'06 JD 9560\$89,500
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24 flex heads

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'97 JD 9400 4WD\$57,500
'02 JD 8520\$89,500
'10 JD 8320R.....\$129,500
'11 JD 8310R.....\$159,500
'11 JD 8335 MFWD ..\$157,500
'03 JD 7420\$64,500
'10 6430.....\$72,500
'15 JD 6155M\$97,500
'14 JD 6125M\$97,500
'14 5075E\$29,500

— TILLAGE —
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2011 JD 7830

USED PLANTERS

2005 JD 1760 12 row

COMBINES

2015 JD S670
2015 JD S660
2014 JD S660
2012 JD S660
2015 JD 630FD
2014 JD 606C
2013 JD 608C
2011 JD 608C
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MISCELLANEOUS

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'16 Bush Hog 1812 Batwing Mower, 12'
'13 CASE IH DC132 disk MOCO
'10 CASE IH 1250 planter 12/30 Bulk fill
'09 Case IH 330 turbo 34'
'07 Case IH RMX340 25' disc IH 496 Disc, 22'
'05 JD 2210 FC 35' float hitch
Case IH 4300 FC 33'
IH 4500 F.C. 18.5'
Case IH 6500 conser til chisel 14'
JD 235 disk, 23'
IH 55 chisel 7' trailing
IH 9' chisel, 3pt
'96 JD 9500, 4WD, 3275 eng., 2205 sep.
'91 JD 653A row head
'89 JD 643 cornhead
'98 CASE IH 2366 4WD 2220 hrs. eng., 1550 hrs. sep.
'91 Case IH 1680 combine 4WD
'06 Case 1020 30'
'05 Case 1020 30'
'87 Case IH 1020 15'
'89 Case IH 1020 25'
'94 & '99 Case IH 1020 20'
'94 Case IH 1063 cornhead
'89 Case IH 1083 cornhead
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Kansas seeking nominations for United Sorghum Checkoff Program Board

The United Sorghum Checkoff Program Board will have five positions vacant in December 2017 with one of those positions available to Kansas sorghum growers. As organizations in Kansas certified to nominate producers to serve on the Board, the Kansas Grain Sorghum Commission, Kansas Grain Sorghum Producers Association and Kansas Farm Bureau, collectively, are searching for sorghum producers interested in appointment to the United Sorghum Checkoff Board.

The United Sorghum Checkoff Board makes strategic decisions intended to fund research and promotion. The board of directors is charged with the task of identifying the most pressing issues facing the sorghum industry and working to develop solutions to improve the industry.

In accordance with the program rules, persons interested in being nominated must be a sorghum producer and need to complete and submit USDA's Form AD-755 - Advisory Committee Membership Background Information, and the Nominee's Agreement to Serve Form along with a cover letter outlining their interest to serve on the USCP Board. Application forms may also be accessed on USDA's website at: www.ams.usda.gov/ismarketingprograms by selecting the "Sorghum Program."

For consideration for support by the three Kansas Certified Producer Organizations, completed applications must be received at the office of the Kansas Grain Sorghum Commission and Kansas Grain Sorghum Producers Association (jesse@ksgrainsorghum.org) or the Kansas Farm Bureau (nelsonm@kfb.org) office by 5:00 p.m., Friday, May 5, 2017.

There's just no avoiding Murphy's wheat law

By Josh Coltrain, Crop Production and Local Foods Agent, Wildcat Extension District

Unfortunately, for wheat grown in southeast Kansas, Murphy's Law (anything that can go wrong, will go wrong) tends to be the norm. Due to our environmental conditions, wheat diseases tend to thrive. However, with proper management, wheat can be a successful crop for producers.

I have had the pleasure of checking the southeast Kansas Variety Performance Trials at the Parsons Research Station on a regular basis since the end of February. Very early on, it was apparent that a fairly heavy infestation of aphids had settled in the trials. Due to this, there has been an abundance of Barley Yellow Dwarf Virus (BYDV) in the plots.

The best management practice for BYDV is definitely genetic resistance. Unfortunately, the levels of resistance available amongst varieties are simply not that high. Case in point, the most common variety planted in not only southeast Kansas, but the entire state, is Everest. Everest is the most BYDV re-

sistant variety available but only rates as a 4 on the 1 (resistant) to 9 (susceptible) scale.

While virus diseases seem to be at a high level this year, fungal diseases are also present. The most worrisome is probably stripe rust. In general, it is recommended to pay attention to the levels of the disease in our neighbors to the south. If Oklahoma and Texas have low levels it is usually a good sign for us.

Unfortunately, Murphy struck this year when it comes to stripe rust. Oklahoma and Texas did not report high levels of the pest. However, the fungus has arrived in southeast Kansas and is heavy enough in spots to require attention. Once again, genetic resistance is one tool farmers can use. However, the earlier mentioned Everest is very (VERY!) susceptible to stripe rust. If a producer has susceptible varieties, the best management practice is the use of fungicide. The rule-of-thumb is a ten percent savings in yield so producers must critically evaluate their fields to justify spraying.

While I freely admit this is strange to say, stripe rust

is much easier to manage than our next pest: fusarium head blight (a.k.a head scab). In stripe rust's case, producers can wait and see if the pest is in the area before they must make the decision of whether or not to spray. That is not the case when it comes to scab.

The decision to spray must be made before producers are even sure if their crop has been infected. Once again, the southeast Kansas environment and most common crop rotation create an unfortunately ideal situation for scab. The same fungus that causes scab in wheat causes stalk rot in corn. Thus, in the corn-wheat-double crop soybean rotation, planting wheat following corn increases the likelihood of a scab infestation.

Another important factor that increases scab infections is high relative humidity (80%) at the time of flowering. Unfortunately, the weather this year seems to be indicating that scab could be an issue. Once again, the best management practice for scab begins with genetic resistance. Everest has as good of resistance as is available and it rated, once again, as a 4.

Again, there are fungicide options available to producers if they choose. It must be pointed out that producers need to read and follow the label instruc-

tions, paying particular attention to the pre-harvest interval. With growth stages in our area ranging from just heading to completely flowering (or even past this), fungicide options may be limited.

As with most fungicide applications, timing is imperative, though with scab, it may be even more important than other pests. The window for application to suppress scab is relatively short at approximately seven days after flowering. If conditions are favorable for the disease and the variety is susceptible, spraying may be justified.

In addition to these fungal pests, there have also been reports of septoria leaf blight, tan spot, and some fairly heavy infestations of powdery mildew. We do not tend to worry about these fungi unless they reach the flag leaf. Thankfully, the fungicides that farmers may choose to spray on rust or scab are, in general, fairly effective against these pests as well.

Hopefully, producers have avoided Murphy's Law in their wheat this year. If you have questions or would like more information, please call me at the office (620) 724-8233, or e-mail me at jcoltrain@ksu.edu, or visit the Wildcat Extension District website at www.wildcatdistrict.ksu.edu.

Local food production series kicks off April 27th

The Wildcat Extension District is excited to announce a series of meetings concerning local food production. The series titled Wildcat LEGS – Local-Eat-Grow-Sustainability will cover a wide variety of topics included, but not limited to Soil Fertility Basics, Food Preservation 101, and Business Planning. The first meeting in the series will be held at the newly constructed high tunnel at the Career and Technical Education Center of Crawford County, 1301 E. 27th Terrace, Pittsburg and will begin at 6:00 p.m.

Josh Coltrain, Wildcat Extension District Local Foods agent will present "What's the Scoop on Poop? – Soil Fertility Basics" at the initial meeting. While the meeting is being held at a high tunnel, the topic will be applicable to all home gardeners.

For more information about the meeting and to pre-register please call the Girard office at (620) 724-8233 by April 26th.



Showing the reserve champion heifer at the Central Kansas Beef Classic in Salina was Camden Kruse.



Elizabeth Thorp showed the reserve grand champion market animal at the Kansas Beef Classic.



Dax Seibert showed the grand champion market animal at the Central Kansas Beef Classic.

FARM EQUIPMENT AUCTION

WEDNESDAY, MAY 10, 2017 — 11:00 AM
 Location: From LEOTI, KS 10 mi. south, 1 mi. west & 2 mi. south.

TRACTORS
 2000 New Holland Versatile 9884 tractor, triples, 5497 hrs., Out-back autosteer
 1995 Ford Versatile 9680 tractor, duals, JD Greenstar autosteer, 5866hrs.
 1984 Versatile 895 tractor, duals, 9493 hrs. w/12' dozer blade
 (2) IHC M tractors, non-running
 Case 830 tractor, non-running

COMBINES
 2005 JD 9670 STS combine, duals, Greenstar equipped, 2302 separator hrs.
 (2) 1983 JD 8820 combines, one w/2600 hrs., one w/3002 hrs.
 JD 36' draper platform
 JD 30' platform
 Shop built header trailer

TRUCKS
 1997 Freightliner semi-trailer, Cummins motor, 13 spd. trans.
 1984 GMC 9500 General tandem truck, diesel, 20' bed & hoist
 1975 GMC truck, V-8 motor, 4x2 spd. trans. w/16' bed & hoist
 1969 Chevy truck, V-8 motor, 4x2 spd. trans. w/Oswalt 280H mixer box, scales
 1974 Chevy tandem truck, 5x2 spd. trans., V-8 motor, 20' bed & hoist
 1976 GMC 6500 tandem truck, 366 motor, 5x2 spd. trans., 22' bed & hoist, all new tires

TRAILERS
 1980 Timpte 40ft. grain trailer, roll-over tarp
 1981 Wilson 40' grain trailer, roll-over tarp

OTHER FARM EQUIPMENT
 Eagle 2-wheel utility trailer
 Wylie 1000 gal. nurse water trailer w/Honda pump & motor
 Pickup bed trailer
 Neal 18' car trailer w/dove tail
 1991 Challenger 27' camper trailer, 5th wheel

PICKUP & CAR
 1988 Ford F-350 pickup, 4x4, auto., V8 motor, 28,850 mi., flat-bed, fuel tank
 1968 Cadillac Car, 4 dr., needs work

TERMS: Valid ID required to register. Cash or approved check day of sale. Everything sold as is! No warranties expressed or implied. Not responsible for theft or accident. Announcements day of sale take precedence over printed material.

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REAL ESTATE AUCTION

TUESDAY, MAY 9, 2017 • 7:00 PM
 Location: 201 Main St., Westmoreland Community Center

Selling: The offering will consist of a total of 147 +/- acres of hay meadow and pasture property. Land is split into two natural portions via HWY 99. General location of the property is roughly one mile south of Westmoreland. The property will be offered in the following tracts:

TRACT 1: 19 +/- acres. One of the most scenic home sites you will find! Breath taking views, easy access, currently used as a hay meadow.

TRACT 2: 69 +/- acres. Productive hay meadow.

TRACT 3: 88 +/- acres. Tract 1 & Tract 2 combined.

TRACT 4: 59 +/- acres. Great pasture ground with good fences, catch pens and a pond with easy access.

TRACT 5: 147 +/- acres. Tracts 1, 2 & 4 combined. Buy it all and save the cost of a survey!

***Map is for general purposes only and does not depict legal boundaries.*

Terms: Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before June 9, 2017. Buyer needs bank letter of loan approval or funds verification. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Seller reserves the right not to accept high bid. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

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REAL ESTATE AUCTION

TUESDAY, MAY 23, 2017
 Time: Personal Property - 5:30 PM • Home Sells @ 6:30 PM
 Location: 2205 Stone Post — MANHATTAN, KANSAS

OPEN HOUSE: SUNDAY, MAY 7, 1-3 PM

Description: 3 Bedroom and 2 1/2 bath home with just under 3000 sq. ft. of space. Tremendous limestone accents with worlds of potential. Screened-in porch, 2-car garage and terraced backyard are some of the additional attractions for this house that sits just west of K-State's campus off of Claflin.

Terms: Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before June 23, 2017. Buyer needs bank letter of loan approval or funds verification. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Seller reserves the right not to accept high bid. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

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 BILL DISBERGER, Auction Coordinator, 620-921-5642

A better way to manage phosphorus? Improvements in science brings improved index

All living things – from bacteria and fungi to plants and animals – need phosphorus. But extra phosphorus in the wrong place can harm the environment. For example, when too much phosphorus enters a lake or

stream, it can lead to excessive weed growth and algal blooms. Low-oxygen dead zones can form.

Development of the modified phosphorus index involved farmers and farm advisors. Their hands-on experience helped ensure a more workable final product. Runoff from agricultural sites can be an important source of phosphorus pollution. To help evaluate and reduce this risk, the USDA first proposed a phosphorus index concept in the early 1990s.

Since then, science progressed and methods improved. In New York State, scientists and agency staff developed and released a phosphorus index in 2003. Now, a new project proposes a restructured index to build on phosphorus management efforts in that state and beyond.

“The idea is to account for the characteristics of a field, and help evaluate the risk of phosphorus runoff from that location,” says Quirine Ketterings. Ketterings is lead author of the new study.

The new index structure improves upon previous approaches. It focuses on the existing risk of phosphorus runoff from a field based on

the location and how it is currently managed. Qualities like ground cover, erosion potential, and distance to a stream or waterbody all come into play. The index also highlights best management practices to reduce this risk.

“The new index approach will direct farmers toward an increasingly safer series of practices,” says Ketterings. “Higher-risk fields require more and safer practices to reduce and manage phosphorus runoff.”

Ketterings directs the Nutrient Management Spear program at Cornell University. She and her colleagues used a combination of surveys, computer-generated examples, and old-fashioned number crunching. They used characteristics of thousands of farm fields to develop the new index. Involving farmers and farm advisors was also a key step.

“As stakeholders, farmers and farm advisors are more likely to make changes if they understand why,” says Ketterings. “Plus, they have experience and knowledge that folks in academia and in governmental agencies often do not.”

This field experience can be vital. “Involving stakeholders in decision-making

and getting their feedback makes the final product more workable,” says Ketterings. “It may also prevent mistakes that limit implementation and effectiveness.”

Ketterings stresses that the previous index was not wrong, “Farming is a business of continuous improvement and so is science,” she says. “The initial index was based on the best scientific understanding available at that time. Our new index builds and improves upon the experience and scientific knowledge we have accumulated since the first index was implemented. It is likely this new index will be updated in the future as our knowledge evolves.”

The previous index approach could be somewhat time-consuming for planners, according to Ketterings. Further, it didn't always help identify the most effective practices for farmers. The new approach addresses both of these issues. “We wanted the new index to be practical to use,” she says. “The best index has no value if people cannot or will not implement it.”

In some circumstances of low or medium soil test phosphorus, the original New York state phospho-

rus index allowed farms to apply manure and fertilizer in what we now consider to be potentially high-risk settings. “The new index approach proposes soil test phosphorus cutoffs and also encourages placing manure below the soil surface,” says Ketterings. “These changes will bring improvements in phosphorus utilization and management across the farm.”

Ketterings also thinks that the new index is more intuitive. “It allows for ranking of fields based on their inherent risk of phosphorus transport if manure was applied,” she says. “It really emphasizes implementing best management practices to reduce phosphorus losses from fields.”

In addition, the proposed index approach could make it easier to develop similar indices across state lines, according to Ketterings. This makes sense, since watersheds don't follow state boundaries. Growers could use different practices, if deemed appropriate, for different regions.

Read more about Ketterings' work in *Journal of Environmental Quality*. Two USDA-NRCS Conservation Innovation Grants funded this project.

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125...blk, blk-x, few rd G.O. 700-800# Francis Heath
75...blk NI G.O. 725-775# Witte Rn LLC
70...blk B.V. front end of blks breedable. 650-700# John, Lynn & Miles Mundorf
125...blk NI not topped, sired by TK, Risse, & O'Neill. 500-725# Lorena Cobb
155...blk NI May & June born 475-550# Harms Rn
112...blk NI May & June born 525-650# L Cross Rn
60...blk NI hayfed 550-600# Wayne & Rick Heath
40...blk & angus NI B.V. green, breedable. 650# Mark & Burton Dimond
25...blk B.V. NI Risse sired top end 700# Mike Keegan
26...blk (5 rd) NI drugfree 600-675# Middle Creek
20...blk, blk-x B.V. top end-breedable 750# Mike Harris

Steers:

180...blk top of 325 900-935# Jim Heath
290...rd angus (180 hd) one cut & blk (110 hd) 825-900# Forrest Stewart
200...blk NI HR angus sired TK & Joseph. 775-850# Witte Rn LLC
100...blk, blk-x, few rd 700-800# Francis Heath
85...blk & angus NI drugfree Littau genes. 625-700# Ken & Ricki Kollmar
30...heref & rd-x (20 hd) & blk (8 hd) NI 750# Duane Tate
105...blk (85s-20h) NI hayfed 500-625# Steve & Paula Livermont
100...blk NI 500-600# Pending

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Aiden Wangerin's entry took champion district market animal at the Central Kansas Beef Classic in Salina.

JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from April 19, 2017:

STEERS			HEIFERS		
3 blkX	323	191.00	8 blk	306	173.00
14 mix	410	186.00	19 mix	411	170.50
13 blk red	473	177.00	11 blk red	452	161.50
11 blk red	570	170.00	14 mix	522	161.00
5 blk	599	169.50			
14 blk red	754	151.00			
64 mix	774	148.10			
10 blk	803	145.00			
62 blk	836	139.50			
62 mix	848	138.75			
57 blkX	909	129.00			

TOP BUTCHER COW
Blk, \$75 @ 1,680 lbs.

TOP BUTCHER BULL
Angus, \$92 @ 1,880 lbs.

BUTCHER HOGS
4- 248 @ \$40.00

SOWS: \$24.50-\$27.00

CONSIGNMENTS FOR WEDNESDAY, APRIL 26:

60 blk X strs 850-900 lbs.

20 two year old 1st calf pairs

48 5-9 year old fall bred cows bred to Harms Final Answer Angus bull

120 mix strs 750-850 lbs.

64 mix hfrs 725-775 lbs.

25 blk X strs & hfrs weaned 500-600 lbs.

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If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from April 18, 2017:

STEERS			HEIFERS		
7 blk	449	188.00	2 blk	373	170.00
2 red	505	184.00	5 blk	410	168.00
21 blk	472	178.75	7 blk	434	166.00
7 blk	569	177.00	10 blkX	479	159.00
25 blk	601	163.50	10 blk	520	157.50
5 blk	702	156.00	15 blk	587	143.25
15 blk	731	150.50	9 blk	723	126.00
2 blk	840	130.00			

Top Butcher Cow:
\$83 @ 1,315 lbs.

Top Butcher Bull:
\$94 @ 1,980 lbs.

Bred Cows:
\$1,000-\$1,700

Pairs:
\$1,000-\$2,425

Breeding Bulls:
\$1,200-\$3,300

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Date: 4/19/17 Total Head Count: 1275. COWS: \$71-77.00; \$62-\$70.75; \$61 & down. BULLS: \$89.00-94.10

BULLCALVES		HEIFERS	
5 blk	448@171.00	6 blk	493@171.00
5 blk	657@144.00	6 bkbwf	404@157.00
12 mix	345@168.00	7 blk	495@153.00
8 blk	379@164.00	8 mix	481@149.00
9 blk	442@164.00	5 blk	519@177.00
6 bkbwf	459@154.00	5 blk	557@173.00
5 mix	474@152.50	6 mix	562@171.00
8 blk	431@144.50	5 blk	566@161.00
5 mix	491@142.50	7 bkbrf	546@158.00
7 mix	569@151.50	12 mix	530@154.00
8 blk	545@151.00	6 blk	581@144.00
7 bkbwf	518@149.00	6 blk	610@172.00
8 blk	576@148.50	12 blk	676@151.50
5 blk	542@145.00	5 blk	623@149.50
5 blk	521@135.00	8 mix	682@149.50
7 blk	552@135.00	6 blk	661@137.25
5 mix	617@138.50	7 blk	699@136.50
7 mix	713@130.25	5 blk	751@140.00
6 blk	748@129.50	125 mix	789@135.25
6 mix	753@128.50	6 blk	725@129.00
25 blk	795@127.75	13 mix	820@137.25
7 blk	780@127.00	52 mix	830@136.25
		190 mix	910@126.50
		25 mix	964@125.75
		55 mix	1002@133.25
		13 blk	1025@132.00
		33 blk	1023@124.75

EARLY CONSIGNMENTS FOR APRIL 26th

• 23 blk strs & hfrs, 45 days weaned, 500-600 lbs

• 180 blk & Char strs, 850-1000 lbs

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emporialivestock.com

Finding flavor, incentivizing more

By Miranda Reiman

Life is not always heads or tails, black and white or pass-fail.

When it comes to beef, certain traits, like tenderness, are easier to quantify than others.

"Beef flavor is very complex. It's not one attribute, but many, many flavor notes," said Bridget Wasser, executive director of meat science for the National Cattlemen's Beef Association (NCBA). "There are a lot of things that can go right and there are a lot of things that can potentially go wrong."

Each consumer views it differently.

"We have to make sure we find a way to give it to everyone, all the time, and so consistency of the product comes into play," Wasser said, during her Cattlemen's College presentation earlier this month.

She told 2017 Cattle Industry Convention and NCBA Trade Show attendees the beef community has made marked improvements in tenderness over the past few decades, "so the good news is that it allows us to

focus on some of these other eating attributes."

Phil Bass, meat scientist for the Certified Angus Beef® (CAB®) brand, was in the audience and agreed. Projects are starting to encompass some of these harder-to-measure traits.

"We've researched tenderness quite extensively and beef flavor is the next frontier, the next area that we really need to focus on," he said later.

Lipids, carbohydrates and proteins that make up beef have the greatest influence on flavor. Lipids, or fats, are species-specific, differing in both amount and fatty acid composition. That's why beef doesn't taste like pork or poultry.

"We've always known that fat contains the specific flavor compounds; more of it will express more of those flavors," Bass said. "The grain-finished, beef-fat flavor is highly desirable to the palate."

Recent work validates the USDA quality grading system's ability to predict eating satisfaction, along with the CAB brand's ten

carcass specifications, Bass said.

"Marbling is something we hang our hat on as a beef industry," Wasser said, because it gives the protein its "buttery, beef-fat" notes. "That's a very positive flavor. It's something consumers respond very positively to and that's why it has a lot of credence in our quality grading system and the valuation of our beef carcasses."

A Beef Checkoff project recently added more precision to sensory science, by developing a beef lexicon, or a dictionary of sorts for 38 attributes.

"How can you pick them out if you don't know what an individual flavor note is?" Wasser asked.

Researchers train panels using this common terminology, and use participants as instruments in both discrimination and descriptive research.

Scientists get better results by either increasing the numbers in a sample size or limiting the variance, Bass said.

"When you have a trained sensory panel, you don't need as many," he said. "The better you can control the variation, panelist to panelist, the better you'll be able to find the differences."

Oftentimes, training for beef-fat flavor involves sampling a Prime strip steak versus a standard or very low Select option.

"It's very important to have these folks calibrated," Bass said.

Trained panels will detect flavors and note intensity, but larger consumer panels will determine its acceptability level.

"It's not until you put it into the mouth of the consumer that you see, is this economically viable? Is this applicable to the end-user?" Bass said. "Time and time again, consumer research looking at beef marbling shows more marbling is better. It gives better flavor. It contributes to tenderness. It maintains juiciness."

That's why it's getting the attention of the entire beef community.

State's milk production up as herd increases

Milk production in Kansas during March 2017 totaled 306 million pounds, up 6.6 percent from March 2016, according to the USDA's National Agricultural Statistics Service. The average number of milk cows was 152,000 head, 8,000 head more than March 2016. Milk production per cow averaged 2,010 pounds.

Kansas cattle on feed up 4 percent

Kansas feedlots, with capacities of 1,000 or more head, contained 2.26 million cattle on feed on April 1, according to the USDA's National Agricultural Statistics Service. This inventory was up 4 percent from last year. Placements during March totaled 490,000 head, up 15 percent from 2016. Fed cattle marketings for the month of March totaled 430,000 head, up 10 percent from last year. Other disappearance during March totaled 10,000 head, down 5,000 head from last year.



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2 blk	440@180.00	2 blk	308@158.00
18 blkbwf	574@177.25	2 blk	385@153.00
5 blk	465@176.00	22 blkbwf	483@153.00
18 blkbwf	473@175.00	5 blk	500@149.50
5 blk	557@173.00	4 redblk	495@149.00
15 blkbwf	563@170.50	12 blkred	550@148.00
6 GelvXwf	584@167.00	3 blk	542@142.00
8 blk	594@165.00	7 redblk	509@138.00
15 blkbwf	736@148.50	12 GelvXwf	623@137.50
7 redblk	736@147.00		
5 GelvXwf	705@141.50		

Butcher Cows: \$46-\$77, Mostly \$62-\$70, steady and very active.
 Butcher Bulls: \$71-\$100, Mostly \$88-\$92, steady and very active.
 Preg. Cows: \$900-\$1,325

COWS		BULLS	
3 blk	1073@77.00	2 blk	1198@71.00
1 grey	1320@75.50		
2 bwf	1137@75.00	1 blkSim	2320@100.00
1 bwf	1490@73.00	1 red Angus	2105@95.00
1 blk	1345@72.50	1 Beefmaster	1250@95.00
1 blk	1275@72.00	1 blk	1895@92.00
1 blkbwf	1048@71.50	1 blk	2155@92.00
3 blk	1412@71.25	1 Brangus	1780@92.00

EARLY CONSIGNMENTS FOR APRIL 27
 • 95 blk bwf & few Char X str & hfrs, 550-750 lbs, long time weaned & vac., home raised
 • 120 mix str, 900-1000 lbs
 • 60 mix hfrs, 850 lbs, open
 • 35 blk red str & hfrs, 500-650 lbs, home raised
 • 1 blk Limo bull, 1,250 lbs, semen tested & ready to go to work. Double polled and double blk. 74 lb birthweight

We appreciate your business!

Ron Ervin - Owner-Manager
 Home Phone - 620-583-5385
 Mobile Cell 620-750-0123
Austin Evenson - Fieldman
 Mobile Cell 620-750-0222
 If you have any cattle to be looked at call Ron or Austin

Central Livestock
 811 N. Main St.
 South Hutchinson, Ks
www.centrallivestockks.com
 Office: 620-662-3371
 or Matt Hoffman (Owner): 620-727-0913
 Hay Auction- Every Tuesday at 9:00 a.m.
 Cattle Auction- Every Tuesday at 10:00 a.m.
 Hog/Sheep/Goat Auction- Every 3rd Saturday
 Horse/Tack Auction- Every 1st Saturday
 Results From April 18th Sale:

Steers:		Heifers:	
300-400#	\$168.00-\$197.00	300-400#	\$140.00-\$163.00
400-500#	\$152.00-\$190.00	400-500#	\$136.00-\$157.00
500-600#	\$139.00-\$167.00	500-600#	\$119.00-\$138.00
600-700#	\$141.00-\$163.00	600-700#	\$127.50-\$134.50
700-800#	\$122.00-\$141.00	700-800#	\$116.00-\$130.50
800-900#	\$122.00-\$129.25	800-900#	\$114.00-\$122.50

May 6th & 7th - Special Catalog Horse Sale
Tues., May 9th - Calf/Yearling Special
Sat., May 20th - Hog/Sheep/Goat Sale

EL DORADO LIVESTOCK AUCTION, INC.
316-320-3212
 Fax: 316-320-7159
 2595 SE Highway 54, P.O. Box 622,
 El Dorado, KS 67042
 Market Report - Sale Date 4-20-17. Head count: 943.

300-400 lb. steers, \$125-\$175; heifers, \$115-\$153; 400-500 lb. steers, \$120-\$171; heifers, \$115-\$145; 500-600 lb. steers, \$120-\$170; heifers, \$115-\$144; 600-700 lb. steers, \$115-\$160; heifers, \$112.50-\$142; 700-800 lb. steers, \$115-\$144.50; 800-900 lb. steers, \$112.50-\$136. Trend on Calves: Choice Steer & Heifer calves, steady. Trend on Feeder Cattle: Not enough feeder cattle for a market test. Butcher Cows: High dressing cows: \$65-\$72.50; Avg. dressing cows: \$55-\$65; Low dressing cows: \$30-\$55. Stock Cows: Bred Cows \$900-\$1,725; Cow/Calf Pairs \$1,100-\$2,250. Butcher Bulls: Avg. to high dressing bulls, \$70-\$92; Trend on Cows & Bulls: Butcher Cows, steady to \$3 higher; Butcher Bulls, steady.

Early Consignments April 27 SPECIAL STOCKER FEEDER SALE

- 30 mix steers & heifers, 500-650 lbs.
- 150 black steers, 800 lbs.
- 75 mix steers & heifers, 650 lbs.
- 125 mostly black steers, 800 lbs.
- 130 mix heifers, 750 lbs.
- 130 mix steers, 850 lbs.
- 60 mix steers & heifers, 750-850 lbs.

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

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

Cattle Sale Every Thursday 11:00 AM

BELLEVILLE 81 LIVESTOCK SALES
 Junction Hwys 36 & 81 Belleville, Kansas
CATTLE SALES EVERY FRIDAY • 10:30 AM
 Slaughter Cows to \$77.00. 6 Cow Buyers here.

STEERS		HEIFERS	
430-500	180.00-194.00	400-500	150.00-171.00
510-600	162.00-184.00	501-600	130.00-155.00
620-700	151.00-171.00	601-700	128.00-151.50
710-800	140.00-155.50	701-840	125.00-133.50
801-930	131.00-143.00	860-900	124.00-127.00

April 28: Cattle Sale • May 5: Cattle Sale
May 12: Cattle Sale • May 19: Cattle Sale
 Then Summer Schedule Begins!

Goat Sheep Sale, Saturday, April 29 • 2:00 PM:
 6 Nannies w/kids; 35 Goats; 25 Goats; 20 Nannies; 27 Goats; 25 Lambs; 30 Lambs; 15 Goats.
 Please have USDA Tags.

For Market Reports, and Early Listings
Website: Belleville81.com
 Barry & Angii Kort, Owners • 785-527-2258
 Thanks for your business!

Holton Livestock Exchange, Inc.
 1/2 mile East of Holton, KS on 16 Highway
Livestock Auction every Tuesday at 12 NOON
 Serving the Midwest Livestock Industry for 64 Years!
 *** STARTING TIME: 12:00 NOON ***

MARKET REPORT FOR TUESDAY, APRIL 18, 2016
 RECEIPTS: 1783 CATTLE

STEERS		HEIFERS	
1 blk bull	310@200.00	5 mix hfrs	379@164.00
3 blk bwf str	368@196.00	7 blk hfrs	385@160.00
1 bwf str	270@195.00	10 blk hfrs	414@159.50
5 blk str	392@195.00	4 bwf hfrs	440@158.00
6 blk str	430@191.50	6 blk bwf hfrs	364@158.00
6 blk str	445@186.00	14 blk hfrs	397@158.00
10 blk bwf str	464@186.00	8 blk hfrs	448@156.00
12 blk str	462@184.00	14 blk hfrs	490@154.00
5 char str	503@180.00	5 blk bwf hfrs	478@152.50
6 blk str	448@179.00	6 blk gry hfrs	468@152.00
12 blk str	539@178.00	8 blk hfrs	496@151.75
15 blk bwf str	512@176.00	7 blk hfrs	480@149.00
6 blk char str	480@175.00	8 blk hfrs	484@145.50
5 blk str	493@174.00	9 blk bwf hfrs	548@145.00
26 blk str	538@174.00	13 blk bwf hfrs	479@144.50
7 bwf str	552@171.00	30 blk bwf hfrs	508@144.00
17 blk str	520@170.00	6 blk bwf hfrs	565@143.50
11 blk char str	573@168.50	4 blk hfrs	551@140.50
6 blk str	608@167.50	6 blk hfrs	569@139.50
20 blk str	594@166.50	4 blk hfrs	582@139.00
8 blk bwf str	612@166.00	6 blk rwf hfrs	607@139.00
15 blk bwf str	654@166.00	11 gry hfrs	553@139.00
16 mix str	566@164.50	15 blk hfrs	564@139.00
6 blk bwf str	576@164.00	9 blk bwf hfrs	642@137.75
5 blk str	623@160.00	14 rwf bwf hfrs	525@137.00
7 red blk str	619@157.50	9 rwf bwf hfrs	658@136.50
6 blk bwf str	665@153.00	6 blk bwf hfrs	640@135.25
5 blk str	681@151.00	4 blk hfrs	668@134.50
4 blk gry str	687@150.50	6 blk hfrs	691@134.50
7 blk bwf str	675@147.00	12 blk hfrs	596@134.50
7 blk red str	705@147.00	6 blk char hfrs	632@133.00
8 blk bwf str	731@144.00	6 blk hfrs	720@133.00
22 blk char str	728@142.50	66 mix hfrs	767@129.75
30 mix str	780@137.75	7 bwf rwf hfrs	822@124.50
9 blk red str	817@135.50	10 bwf rwf hfrs	891@123.25
5 bwf rwf str	871@134.75		
60 mix str	772@134.35		
61 blk str	890@133.00		
14 rwf bwf str	899@130.25		

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 "lmauctions.com"



Schwieterman Market Outlook

A marketing commentary by Bret Crotts

It was a pretty horrible week for the wheat market. Funds reached a new record large net short position in the Chicago wheat, and they aren't too far away in Kansas City. The July KW fell to new contract lows and many cash prices at the

elevators have a 2 in front of them. Unless something changes very soon, the combination of low prices and spring moisture will result in even fewer planted acres this fall. That, I suppose, is the market doing its job of reducing supply. At least

we had a positive close in the July KW on Friday. If you are into Japanese candlesticks, maybe Friday's action was the sign of a temporary bottom. Otherwise, our next chart support will come in around \$3.87 on the May KW and \$4.00 on the

July.

The corn market fared a bit better than the wheat, but not by much. The July corn only fell to the lowest level since December and it still has a ways to go before making a contract low. Good export sales, a weak dollar, and the threat of planting delays didn't provide much help to the bull camp. Perhaps traders are waiting for USDA's May supply and demand report to make sure it shows ending stocks dropping from the old crop to the new crop before they will be convinced that it is time to cover short positions. It still seems to me that there is plenty of upside potential in the corn market if we have the least bit of a weather hiccup. I don't think that a trend line yield will be enough to maintain our current large stocks level.

Money flow is what matter though, and right now the money is going into the short side of the corn market. That fact that the market has held at the December lows is good, but we have to be aware that failure at that level would suggest we will see a move down to the \$3.40 area in the July contract. With the funds still building their short position, that is a very real possibility.

The soybean market spent the week trading sideways. The July contract has been trading at the \$9.40 - \$9.60 area for quite some time and it doesn't look like it wants to move out of that comfort zone. We have exceeded USDA export sales estimate, so we are bound to see lower old crop ending stocks as we move through

the spring and summer, but that probably doesn't matter too much if acreage grows as much as expected. Since the market won't go ahead and break, a recovery back to the \$9.90 level is still a possibility for the July contract and it would only take a bit of short covering to get that done. However, at this point we have to look at rallies as a selling opportunity, especially for the new crop contracts. If we don't get a bounce soon one must be prepared for another leg lower.

The cattle on feed report was very interesting. The on feed estimate at 100% is what we were looking for, but the placements at 111% was much larger than expected. The marketings number came in equal to the highest trade guess at 110%. Statisticians and analysts should have a fun time trying to figure out what these numbers are telling us and what the market impact is going to be. Marketings have been higher than the prior year for eight consecutive months and for 13 of the past 14 months. This year's March marketings figure was the highest number for March since 2011. It was the highest number we have seen in any month since June of 2016 and the second highest since July of 2013. You have to go back to 2012 when on feed number were much higher than they are now to find marketings numbers consistently higher than March of 2017.

Our cattle herd is in the process of growing, so we should have more cattle available for slaughter than we did a couple of years

ago. However, our marketings number is similar two years in which we had a larger cattle inventory and at the same time we were liquidating cows and not keeping back heifers. This, and the rapidly declining carcass weights, tell me that demand for cattle is exceptional right now. There is only so long that the packers can continue to kill cattle at the current rate. The slaughter pace is either going to have to slow down or they are going to have to pay a lot more for finished cattle that will be hard to find. Buy breaks if we get them.

Schwieterman Marketing, L.L.C. specializes in risk management and cash grain and livestock marketing plans. For information on the markets or our marketing service you can contact Bret Crotts at 888-437-9131 or bret@swbell.net.

The information contained herein is based on data obtained from recognized statistical services and other sources believed to be reliable. However, we have not verified such information and we do not make any representations as to the accuracy or completeness. Past results are not necessarily indicative of future results. All statements contained herein are current opinions, which are subject to change. The risk of loss in trading commodity future contracts is substantial. You should therefore carefully consider whether such trading is suitable for you in light of your financial condition. Neither the information, nor any opinion expressed shall be construed as an offer to buy or sell any futures or options on futures contracts.

Grass & Grain Weather Report April 25, 2017

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																								
TUESDAY Mostly Cloudy High: 67 Low: 50	Today we will see mostly cloudy skies, high of 67°, humidity of 56%. Northeast wind 5 to 8 mph. The record high for today is 96° set in 1989. Expect mostly cloudy skies tonight, overnight low of 50°. Northeast wind 7 mph. The record low for tonight is 27° set in 2005.	Washington 72/57 Blue Rapids 65/49 Seneca 64/48 Clay Center 66/50 Mahattan 67/50 Wamego 67/50 Ogden 69/50 Junction City 67/51 Abilene 68/51 Council Grove 69/52																																								
WEDNESDAY Mostly Cloudy High: 65 Low: 50	Last Week's Almanac																																									
THURSDAY Showers Likely High: 67 Low: 53	<table border="1"> <thead> <tr> <th>Date</th> <th>Hi/Lo</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>4/14</td><td>80/60</td><td>68/43</td><td>0.13"</td></tr> <tr><td>4/15</td><td>82/65</td><td>69/43</td><td>0.06"</td></tr> <tr><td>4/16</td><td>65/53</td><td>69/43</td><td>0.24"</td></tr> <tr><td>4/17</td><td>75/47</td><td>70/44</td><td>0.00"</td></tr> <tr><td>4/18</td><td>83/57</td><td>70/45</td><td>0.00"</td></tr> <tr><td>4/19</td><td>83/61</td><td>70/45</td><td>0.09"</td></tr> <tr><td>4/20</td><td>69/52</td><td>70/45</td><td>0.43"</td></tr> </tbody> </table>	Date	Hi/Lo	Normals	Precip	4/14	80/60	68/43	0.13"	4/15	82/65	69/43	0.06"	4/16	65/53	69/43	0.24"	4/17	75/47	70/44	0.00"	4/18	83/57	70/45	0.00"	4/19	83/61	70/45	0.09"	4/20	69/52	70/45	0.43"									
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Local UV Index 0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure	April 25, 1988 - Thunderstorms racing at 65 mph produced large hail in Alabama and Georgia. Hail damage in Alabama was estimated at 50 million dollars, making it their worst weather disaster since Hurricane Frederick in 1979.	Growing Degree Days																																								
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Sell At St. Marys Tuesdays

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

We sold 1651 cattle April 18. Steer and heifer calves were in good demand at steady to higher prices. Feeder steers and heifers were \$2.00-4.00 higher. Cows and bulls sold steady to \$2.00 lower.

STEER & BULL CALVES	STOCKER & FEEDER STEERS	HEIFER CALVES			
9 blk str	412 @ 201.00	7 blk str	558 @ 180.00	1 bwf hfr	420 @ 181.00
4 blk/wf str	419 @ 195.00	4 blk/sim str	579 @ 181.00	10 blk hfrs	372 @ 170.00
4 blk str	443 @ 194.00	3 blk str	570 @ 179.00	21 blk hfrs	448 @ 170.00
5 blk/bwf bulls	351 @ 193.00	4 blk/char str	565 @ 176.00	7 blk hfrs	463 @ 168.00
3 blk/bwf str/bulls	492 @ 191.00	4 bwf str	566 @ 176.00	3 blk hfrs	440 @ 167.00
13 blk/char str	455 @ 188.00	5 blk str	607 @ 167.00		
3 blk str	430 @ 187.00	3 blk str	565 @ 165.00		
5 blk str	492 @ 187.00	35 blk/bwf str	606 @ 163.50		
3 blk str	342 @ 186.00	3 blk str	615 @ 163.00		
5 blk str	492 @ 187.00	3 blk str	582 @ 160.00		
3 blk str	342 @ 186.00	25 blk/red str	600 @ 159.50		
15 blk str	484 @ 186.00	3 blk str	598 @ 157.00		
7 blk str	548 @ 185.00	4 x-bred str	623 @ 154.00		
7 blk char str	478 @ 184.00	13 blk str	660 @ 150.50		
13 blk str	490 @ 182.50	5 blk str	688 @ 150.50		
5 blk bulls	453 @ 181.00	3 blk str	600 @ 150.00		
4 blk str	439 @ 180.00	8 blk/red str	645 @ 150.00		
4 blk/red str	489 @ 180.00	4 blk str	754 @ 142.00		
13 blk str	502 @ 180.00	63 blk/char str	830 @ 140.75		
11 blk str	491 @ 179.00	62 blk/char str	825 @ 139.50		
5 blk/bwf bulls	481 @ 177.00	61 blk/bwf str	887 @ 137.00		
6 blk/bwf bulls	480 @ 177.00	4 blk str	823 @ 136.00		
6 blk bulls	472 @ 174.00	8 blk str	924 @ 131.00		
3 blk/sim str	500 @ 174.00	62 blk/red str	903 @ 130.60		
5 blk/red bulls	491 @ 171.00	23 blk/red str	852 @ 127.50		
5 blk str	537 @ 170.00	61 mix str	969 @ 127.25		
7 blk/red str	502 @ 166.00				
3 blk/bwf str	512 @ 165.00				
6 blk/char str	544 @ 165.00				
3 blk bulls	537 @ 162.00				
3 blk/char str	502 @ 160.00				
5 blk/red bulls	520 @ 156.00				
7 blk bulls	544 @ 156.00				

STOCKER & FEEDER HEIFERS

5 blk hfrs	554 @ 149.50
11 blk/red hfrs	592 @ 148.00
3 blk hfrs	577 @ 145.00
4 blk hfrs	619 @ 139.00
12 blk hfrs	686 @ 139.00
11 blk/char hfrs	688 @ 138.75
29 blk/bwf hfrs	729 @ 138.50
6 blk/bwf hfrs	633 @ 137.50
22 blk hfrs	746 @ 136.00
12 blk/bwf hfrs	689 @ 135.50
3 blk hfrs	575 @ 135.00
9 blk/bwf hfrs	641 @ 132.50

COWS & HEIFERETTES

4 blk hfrts	906 @ 122.50
6 blk/bwf hfrts	1083 @ 119.00
3 blk hfrts	1062 @ 114.50
6 blk/bwf hfrts	1083 @ 112.50
3 blk/bwf hfrts	1237 @ 110.00
1 blk hfrt	1070 @ 100.00
1 blk hfrt	1030 @ 91.00
1 blk cow	960 @ 80.00
1 red cow	1040 @ 75.00
1 blk cow	1375 @ 72.50
1 blk cow	1325 @ 72.00
1 blk cow	1410 @ 70.50
1 red cow	1240 @ 70.00
2 blk cows	1483 @ 70.00
3 blk cows	1575 @ 69.50
1 char cow	1410 @ 69.00
1 blk cow	1360 @ 68.50
2 blk cows	1388 @ 68.00
1 blk cow	1355 @ 67.50
1 wf cow	1450 @ 67.00
1 red cow	1295 @ 66.50
1 x-bred cow	1245 @ 66.00
1 bwf cow	1275 @ 65.50
1 wf cow	1345 @ 65.00
1 blk cow	1330 @ 64.50
1 blk cow	1210 @ 64.00
1 red cow	1210 @ 63.00
2 blk/bwf cows	1123 @ 62.50
1 hol cow	1030 @ 62.00
1 bwf cow	1300 @ 61.50

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR APRIL 25, 2017:
 Owner of previously advertised cows got grass for the cows and they will not be sold

- 20 blk red steers & heifers, 500-600 lbs., vaccinated
- 15 blk heifers, 500-550 lbs., weaned, vaccinated
- 30 blk steers & heifers, 450-550 lbs., vaccinated
- 65 black heifers, 775-800 lbs.
- 59 black steers, 875-900 lbs.
- 65 black Charolais steers, 825-850 lbs.
- 61 black crossbred steers, 900-925 lbs.

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AUCTIONEERS: DENNIS REZAC & REX ARB

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