

Properly clean field sprayers

By Jeri Sigle, Crop Production Agent, Wildcat Extension District

Looking to save time, headaches and money? Proper maintenance and use of field sprayers can be your saving grace. Sprayer cleaning is a critical component of maintenance that will prolong the life of the sprayer, prevent unnecessary and costly repairs and help to eliminate crop injury from contamination. While proper cleaning in preparation for winter is important, it is also critical to clean the sprayer throughout the spraying season.

Thorough sprayer clean-out is important following all pesticide applications, and especially after the use of growth-regulator herbi-

cides, which include 2,4-D, Banvel, Clarity, Crossbow and Tordon, to name a few. These types of herbicides have systemic activity and are very selective, even at extremely low rates. If the tank is not properly cleaned after use, small amounts of the growth-regulator herbicides can remain in boom lines or on the walls or bottom of the tank. Crop injury can occur even after several months of storage if other herbicides or adjuvants dissolve the residue in the new sprayer mix. A crop with moderate damage will suffer both delayed maturity and reduced yields. Leaf cupping is one sign of injury from sprayer contamination from growth-regulator herbicides.

Gavilon And Agmark agree to key terms to form a joint venture in Abilene

Gavilon Grain, LLC recently announced that it has agreed to key terms to form a joint venture with AgMark LLC, which is owned by Farmway Co-op Inc., Cloud County Co-op Elevator Association and Randall Farmers Co-op Union. Under the agreed terms, Gavilon would sell a minority interest in the company's shuttle loader facility in Abilene to AgMark. The strategic arrangement between Gavilon and AgMark would expand the facility's draw area and enable grain to

move more efficiently from central Kansas to markets accessible on the BNSF and Union Pacific railroads.

"We are pleased to be in discussions with one of the largest grain cooperative organizations in the state to create better options for area producers," said Mike Barrett, regional vice president of North American Grain at Gavilon. "We see tremendous potential working together to deliver high quality Kansas grain to the marketplace more competitively than before."

Sprayers should be cleaned as soon as possible after use. Leaving the spray solution in the sprayer for long periods of time allows the herbicide mixtures to dry within the tank. This increases the difficulty of contaminant removal. Some pesticides can even cause the equipment to deteriorate over long periods of time.

Here are a few guidelines for properly cleaning a sprayer.

Mix only the amount of pesticide required, and apply the entire contents on the field as directed on the label. Dispose of any excess spray by applying it to an approved crop according to label directions.

"The Abilene facility complements our established grain origination and handling network," said Jeff Bechard, president of AgMark. "Gavilon is a strong asset-based company with a worldwide presence. Working together in Abilene will certainly make us better at what we do and ultimately bring greater value to our producers."

The Abilene facility is located at 513 West First Street and primarily handles wheat, corn, soybeans and milo.

- Thoroughly rinse sprayer tank with water, circulate the water through the sprayer system and, if possible, apply rinsate on the treated field. Do not rinse it down a drain as this can contaminate well or groundwater.
- Fill the sprayer half full of water then add the recommended cleaning agent as directed on the herbicide label. If a cleaning agent is not recommended on the label, add a mixture of water and detergent to the spray tank. For best re-

sults, let the solution sit in the sprayer several hours, or overnight.

Be sure to rinse out the entire spray system with fresh water.

Always refer to the herbicide label for specific information on the recommended cleaning agent, protective clothing required and proper cleaning procedures.

Sprayers are important equipment for pesticide and nutrient applications. By properly using and storing a field sprayer, you can

increase the life of the sprayer, save time by eliminating repairs and most importantly, save you money in the long run.

If you have questions or would like more information, please call me at the office (620) 331-2690, e-mail me at jlsigle@ksu.edu, or to view this or any past articles or radio recordings from the Wildcat District Ag Agents, please visit the Wildcat Extension District website at www.wildcatdistrict.ksu.edu.

Grass & Grain Weather Report Sept. 30, 2014

Seven Day Forecast

TUESDAY
Scat'd T-storms
High: 81 Low: 61

WEDNESDAY
Scat'd T-storms
High: 80 Low: 59

THURSDAY
Isolated T-storms
High: 77 Low: 56

FRIDAY
Mostly Cloudy
High: 74 Low: 55

SATURDAY
Partly Cloudy
High: 75 Low: 51

SUNDAY
Partly Cloudy
High: 78 Low: 52

MONDAY
Isolated T-storms
High: 76 Low: 54

In-Depth Local Forecast

Today we will see partly cloudy skies with a 40% chance of showers and thunderstorms, high temperature of 81°, humidity of 61%. The record high temperature for today is 95° set in 1926. Expect mostly cloudy skies tonight with a 50% chance of showers and thunderstorms, overnight low of 61°.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
9/18	81/65	81/55	0.00"
9/19	90/61	81/54	0.00"
9/20	93/65	81/54	0.00"
9/21	80/52	80/53	0.00"
9/22	77/42	80/53	0.00"
9/23	75/58	80/53	0.10"
9/24	79/61	79/52	0.01"

Rainfall last week: 0.11"
Normal rainfall: 0.85"
Departure from normal: -0.74"
Average temp last week: 69.9°
Average normal last week: 66.9°
Departure from normal: +3.0°

Today's Local Outlook

Washington 79/59

Blue Rapids 79/60

Seneca 79/60

Clay Center 80/60

Manhattan 81/61

Ogden 81/61

Wamego 81/60

Junction City 81/61

Abilene 82/61

Council Grove 81/61

This Week's Sun & Moon Chart

Day	Sunrise	Sunset	Moonrise	Moonsset
Tuesday	7:22 a.m.	7:09 p.m.	1:28 p.m.	10:49 p.m.
Wednesday	7:23 a.m.	7:08 p.m.	2:22 p.m.	11:43 p.m.
Thursday	7:24 a.m.	7:06 p.m.	3:12 p.m.	12:44 a.m.
Friday	7:25 a.m.	7:05 p.m.	3:57 p.m.	1:48 a.m.
Saturday	7:25 a.m.	7:03 p.m.	4:40 p.m.	2:56 a.m.
Sunday	7:26 a.m.	7:01 p.m.	5:19 p.m.	4:06 a.m.
Monday	7:27 a.m.	7:00 p.m.	5:58 p.m.	5:17 a.m.

First 10/1

Fall 10/8

Last 10/15

New 10/23

Local UV Index

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

Weather History

Sept. 30, 1970 - A nineteen-month drought in Southern California came to a climax. The drought, which made brush and buildings tinder dry, set up the worst fire conditions in state history as hot Santa Ana winds sent the temperature to 105 degrees at Los Angeles.

Growing Degree Days

Date	Degree Days	Date	Degree Days
9/18	23	9/22	10
9/19	26	9/23	16
9/20	29	9/24	20
9/21	16		

MANHATTAN



COMM. CO. INC.

CATTLE AUCTION 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

All classes of steers and heifers were in very good at fully steady prices with the feeder heifers selling \$2 to \$3 higher. Cull cows and bulls were selling at steady prices on the kind offered.

BULL & STEER CALVES — 400-550 LBS

Mark Strathman	Goff	7 blk	430@329.00
Rick J & Irene Johnson	Olsburg	4 blk	420@323.00
Mark Strathman	Goff	4 blk	498@305.00
Kayla Lock	Circleville	3 blk bulls	408@300.00
Degrande Farms	Gardner	7 blk	477@290.00
Downey Ranch	Wamego	4 blk	536@273.00
TOB Farms	Axtell	3 blk	458@270.00
Rick J & Irene Johnson	Olsburg	14 blk	541@266.25
Frank O'Neil	Beattie	4 blk	525@264.00
Kayla Lock	Circleville	6 blk bulls	549@246.50
James E Hund	Meriden	5 xbred bulls	490@231.00

BULL & FEEDER STEERS — 550-900 LBS

Jepson Farms	Soldier	7 blk	620@259.50
Garry Mott	Cottonwood Falls	4 blk	567@257.50
Crystal Carson	White City	5 xbred	617@254.00
New Century Cattle Co.	Wamego	4 bwf	618@253.00
Garry Mott	Cottonwood Falls	7 blk	627@251.00
Degrande Farms	Gardner	3 blk	571@244.00
Ben Kabus	Oskaloosa	3 xbred	560@244.00
Jim Tessendorf	Wamego	6 xbred	589@242.50
Brad Fahrmeier	Olsburg	4 blk	557@242.00
Jepson Farms	Soldier	3 blk	708@240.00
Jim Tessendorf	Wamego	5 xbred	645@238.50
Frank O'Neil	Beattie	3 blk	628@235.00
Royce Rothlisberger	Leonardville	6 blk	716@228.75
Bill Miller	Enterprise	3 blk	753@216.50
Dusty Fink	Cottonwood Falls	5 blk	897@212.50

HEIFER CALVES — 400-550 LBS.

Ed Gillaspie	Council Grove	7 blk	528@262.00
Mark Strathman	Goff	12 blk	458@260.00
Jim Tessendorf	Wamego	5 xbred	519@256.00
Rick J & Irene Johnson	Olsburg	6 blk	468@255.00
Garry Mott	Cottonwood Falls	3 blk	461@251.00
Crystal Carson	White City	5 xbred	519@241.00
Frank O'Neil	Beattie	3 blk	490@240.00
Frank O'Neil	Beattie	3 blk	423@240.00

FEEDER HEIFERS — 550-950 LBS

Garry Mott	Cottonwood Falls	9 blk	587@241.00
Jepson Farms	Soldier	8 blk	590@240.00
Bill Miller	Enterprise	3 blk	610@239.50
Downey Ranch	Wamego	4 blk	566@233.00
Randy Giesel	Burns	4 blk	707@231.00
Jim Whittredge	Allen	13 blk	721@230.00
Royce Rothlisberger	Leonardville	8 blk	684@229.50
Royce Rothlisberger	Leonardville	3 blk	561@224.00
Jim Whittredge	Allen	60 blk	850@217.10
Nathan & Suzy Anderson	Alma	3 blk	768@216.50
Steve Cambell	Westmoreland	4 blk	796@215.00
Downey Ranch	Wamego	3 blk	908@206.00

COWS & HEIFERETTES — 900-2,050 LBS

Craig Guffey	Lawrence	1 blk	935@189.00
Rick Leonard	Manhattan	1 blk	1025@186.00
Chuck Deforest	Florence	1 blk	975@169.00
Tom Swearngin	Lawrence	1 blk	940@166.00
Chuck Deforest	Florence	1 blk	925@165.00
Ron & Tim Grossnickle	Corning	1 blk	995@165.00
Cross Country Genetics	Manhattan	1 blk	1060@159.00
Brad Fahrmeier	Olsburg	1 blk	965@159.00
Alan Fischer	Wheaton	1 blk	1980@138.00
Chuck Deforest	Florence	1 blk	910@136.00
Brad Fahrmeier	Olsburg	1 blk	1415@131.00
Justin Keister	Manhattan	1 blk	1815@131.00
James E. Hund	Meriden	1 xbred	930@126.00
Leroy Fechner	Alta Vista	1 blk	1625@124.00
Leroy Fechner	Alta Vista	1 blk	1675@123.50
June Jepson	Soldier	1 blk	1400@123.00
Kent & Jayne Jepson	Soldier	1 blk	1410@122.00
Oleen Brothers	Dwight	1 blk	1590@121.50
Gregg Sexton	Abilene	1 blk	1400@121.00
Andy Kocher	Onaga	1 herford	1410@121.00
Vanier Land & Livestock	Salina	1 bwf	1590@120.50
Darrell Heinen	Axtell	1 blk	1535@120.00
Bill Miller	Enterprise	1 blk	1510@119.50
Cross Country Genetics	Manhattan	1 blk	1320@119.50
Gregg Sexton	Abilene	1 blk	1200@119.00
Kent & Jayne Jepson	Soldier	1 blk	1730@117.50
Doug Wenderott	Alma	1 blk	1175@117.00
Glen Allen	Americus	1 herford	1485@114.50
Lance Cline	Onaga	1 blk	1640@113.00

Glenn Atwood Harveyville 1 blk 1045@112.50
Jeremy Johnson Westmoreland 1 blk 1055@111.00
James E. Hund Meriden 1 xbred 2050@111.00
Vanier Land & Livestock Salina 1 blk 1110@110.00
Dennis Schwant Blaine 1 blk 1365@110.00
Bryce Cripps Columbia 1 blk 1205@102.00
Rick Leonard Manhattan 1 blk 1090@101.00
Rick Leonard Manhattan 1 blk 1290@100.00

BULLS — 1,550-2,275 LBS

Dan Bacon	Council Grove	1 blk	2005@138.00
Dusty Fink	Cottonwood Falls	1 blk	1755@137.00
Jeff Kelly	Allen	1 blk	2275@133.00
Justin Boswell	Onaga	1 blk	1570@128.50
James & Sherri Hedstrom	Abilene	1 blk	2150@115.00

EARLY CONSIGNMENTS FRIDAY, OCTOBER 3

45 Angus & char-x strs & hfrs, 450-600 lbs.

40 Fancy blk strs & hfrs, 500-600 lbs.

30 Choice Reputation blk strs, 2 rds shots, 475-550 lbs.

21 Choice Reputation Hereford strs & Replacement Quality hfrs, 700-800 lbs.

10 Holstein strs, 500-525 lbs.

5 red, red Angus Gelbvieh-x Replacement Quality hfrs, 800-825 lbs.

EARLY CONSIGNMENTS FRIDAY, OCTOBER 10

60 blk strs & hfrs, 1 rd shots, 475-575 lbs.

49 blk strs & OCV hfrs, no implants, 1 rd shots, 700-850 lbs.

45 Choice rep. blk & bwf strs & hfrs, all pre-wean shots, 575-650 lbs.

30 blk bwf hfrs, 800-850 lbs.

8 blk strs & hfrs, 2 rds shots, 65 days weaned, 500-700 lbs.

SPECIAL COW SALE OCTOBER 15TH

STARTING AT 11:00 AM

25 mostly blk cows, 6 yrs & under with red Angus sired calves by side

If you have any consignments for this special sale please call so we may advertise them for you.

Upcoming Special Cow Sales Wednesdays, starting at 11:00 AM: October 15, November 19, and December 17.

FIELD REPRESENTATIVES — Visit Us On The Web — www.mcclivestock.com

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

Timing important for last alfalfa cutting

By David G. Hallauer, Meadowlark Extension District Agent, Crops & Soils/Horticulture
You can just about count on it every year: just enough late-season moisture and enough regrowth of alfalfa to make us question whether to try and squeeze one more cutting out or not.

If growth is good, it's difficult to let the stand go until just before the first killing freeze is forecast, particularly when we have no idea when that may be!

It would be a lot nicer to cut it and hope for the best – if the timing of that last cutting didn't have such a long-lasting impact on the productivity of the stand. What do the agronomics behind your decision need to be?

Understand first what the stand is doing at this stage of the growing season. The plants need to store enough carbohydrates to survive the winter. If root reserves are not replenished adequately before fall's first killing freeze - 24

to 26 degrees F - the stand is opened up to winter damage. That, in turn, could result in slower greenup and early growth next spring.

With that in mind, time the last cutting prior to dormancy so there are four to six weeks of growth (eight to 12 inches of foliage) before the average killing freeze date. Doing so should allow adequate time for replenishment of root reserves. For us, that means late September should be the target date for the last cutting.

If you roll the dice and make one last cutting in mid-October, you'll be fine so long as the alfalfa has time to regrow adequately. If not, watch out! At a three to six inch height, alfalfa is at its lowest carbohydrate reserve level. If growth levels are that or less, the stand, or at the very least spring greenup speed, may well be compromised. After a killing freeze, the remaining forage (if any) can be hayed safely. Just be sure to act quickly before the leaves fall off!



J. T. Ohlson showed the grand champion market heifer at the Ottawa County Fair.

LONNIE WILSON'S CONSIGNMENT AUCTION

SATURDAY, OCTOBER 4, 2014 — 10:00 AM

601 South Broadway — SALINA, KANSAS

Guns will sell at noon with vehicles following Accepting consignments until Thursday, October 2, 2014 • Early Registration Friday 3:00 to 6:00
Sellers include: Great Plains Manufacturing * Salina Concrete Products * Eldorado National * DS&O Electric Cooperative * Salina Regional Hospital *
STARTING 10 AM WITH 3 RINGS – OUTSIDE WITH GREAT PLAINS, INSIDE WITH BATTERIES, ALSO INSIDE WITH HOUSEHOLD ITEMS IN WEST ROOM

MOTORHOMES, CAMPERS: 1998 Savanna by Fleetwood 5th wheel camper, about 34' with 2 slide-outs; 1997 New Vision by Sportsmen 5th wheel camper, about 34' with 2 slide-outs; 1992 34' Holiday Rambler Imperial camper, bumper pull, awning, nice!; 1978 Dodge Tioga camper.
CLASSIC TRUCKS: 1955 Chevrolet pickup, metallic paint, 350 engine, automatic, tub rear end w/wide tires; 1973 International Scout II pickup, all original, 6-cylinder, automatic, 4WD; rare 1965 Ford Econoline pickup, all original, 6-cylinder, 3-speed, excellent condition for age.

MUSCLE CARS: 1973 Chevrolet Corvette, L88 350 engine, 4-speed transmission w/Muncie wide ratio shifter, dark blue pristine paint, luggage rack, med. blue vinyl interior; 2000 Camaro Z28 convertible, 350 V8 OHC engine, 4-speed auto transmission, leather interior, power convertible top, good AC, Kenwood sound system; 1993 Pontiac Firebird Formula, LT1 5.7 liter engine w/auto transmission, jet black, black cloth interior, alloy wheels, 4-tip exhaust, original condition; 1993 Chevrolet Corvette convertible 40th Anniversary edition ruby red; 1989 Pontiac Trans Am, GTA, 350, automatic, T tops, new battery & injectors, red; 1970 Dodge Dart w/440 engine, (2) 4-bbl Holley carbs, racing seats, roll cage, Hooker headers.

TRUCKING EQUIPMENT FROM GREAT PLAINS: Very nice semi-tractor - 2009 International Eagle mod.99001 SFA 6x4 with Cummins mod.ISX485 485hp engine & 13-speed Eaton Fuller transmission 651K miles; 2002 Transcraft Eagle flatbed trailer 48' x 102', aluminum steel frame, wood deck w/spread axles; 48 semi-trailer tarps.

SEMI TRACTORS, TRUCKS, TRAILERS: 2000 Freightliner FL80 utility truck w/rear mounted Altec telescoping hoist & auger from DS&O Electric Coop; 1996 Navistar International 4700DT466 utility truck w/forward mounted Simon-Telelect Commander telescoping hoist & auger from DS&O Electric Coop; 1967 IHC 1600 Loadstar farm truck, 13' bed w/hoist; 1998 Trail Magic 24' horse trailer gooseneck tandem axle; Wells Cargo 14' tandem axle trailer rear swing doors & side door; shop-built implement trailer tandem axles 17'6" x 8' deck (53" between wheel wells); utility trailer w/6' x 12' bed, bulldog hitch; steel deck implement trailer 18' x 7' tandem axle w/Bulldog hitch & ramps; Reese 5th wheel hitch.

TRUCK & LOADER TIRES/BRIMS: (3) Toyo 285/75R24.5 tires; BF Goodrich 275/80R24.5 tire.

SKID STEER LOADER: 2005 Case 430 skid steer, 2550 hrs, open cab, New 12x16.5 tires, Cummins diesel, 72" bucket.
TRACTORS, IMPLEMENTS: Consigned but not pictured yet – John Deere 4020 w/GB900 loader, power shift, w/duals; John Deere 4010 diesel tractor w/DuAl 3500 loader, 3-pt, PTO, extra hydraulics, wheel weights, free duals available from seller; Allis-Chalmers 7045 tractor w/cab, 3-pt, PTO, extra hydraulics, Speeco pintle hitch mounted on rear; Grapple loader for Farmall M tractor; 3-pt pallet forks; 3-pt boom; 3-pt soil probe; Allied Hydraulic breaking hammer (used on CAT-320 DC9/Hyundai 220/JD 200/JD 220 excavators).

6 TRUCKLOADS FROM GREAT PLAINS MANUFACTURING – ITEMS SELL AT 10:00 AM Ripper assemblies; coupler disk assembly; row cleaner kits; meter wheel assemblies; suspension parts; press wheels; angle brackets; coupler disks & assemblies; drive wheels; hydraulic assemblies; pallets of hose; seed disks; talc/graphite compound; wheel assemblies; openers; trash wheels & assemblies; equipment kits; poly hoppers; (44) foam filled implement tires; many more items not listed.

FARM EQUIPMENT: Asstd large plastic pipe/culverts; hydraulic tank; Firestone 8.4R42 tractor tire (has hole, good for sandbox); dip tank/parts cleaner/tire leak testing tank; round stock tank; hydrant; (2) propane stock tank heaters; oval stock tanks; McCormick Deering cream separator; (3) Kawasaki FR651V air-cooled V-twin 4-cycle vertical shaft OHV engines in the box; B&S Professional 26hp engine in the box.

HORSE STUFF: Horse drawn sleigh fair condition; buggy for restoration; Conestoga wagon (have iron & major pieces); running gear iron complete; several sets drop heel horse shafts; 3 western saddles; 1998 Trail Magic 24' horse trailer gooseneck tandem axle.

CARS, PICKUPS: 2006 Chevrolet Uplander; 2004 Lincoln LS 4-door 72k miles; 2002 Ford F-150 XLT 4x4 pickup w/Triton v8 engine; 1999 Ford Crown Victoria LX; 1996 Honda Accord w/V6 & moon roof; 1989 Ford Ranger pickup; 1978 Ford Fairmont 2-door.

TIRES, RIMS, BATTERIES, SEATS, PARTS: TIRES & RIMS: Set/4 Gear chrome rims fits Ford F250-F350 2001-2013 like new w/caps & lug nuts; set/4 Cooper Discover R/Ts P285/70R17 M&S; (2) Goodyear Wrangler AT/S LT275/65R18; (2) Michelin

HydroEdge P235/60R16; BATTERIES: Top & side post batteries (new from Eldorado National – pulled from new chassis and replaced with larger batteries for bus use); SEATS: New van & truck seats (standard seats Eldorado pulled from new vehicles and upgraded); PARTS: Tonneau cover fits 2001-2005 Toyota Tundra w/keys; truck rear bumper; truck Tommy Lift; Reese 5th wheel hitch.

BOATS, JET SKIS, BOATING EQUIPMENT: 1980 Fourstar Marine 18' ski boat w/115hp Evinrude outboard just serviced & tandem axle trailer.

MOTORCYCLES: 1998 Harley-Davidson Road King, 500 Macky cam, Samson exhaust, good condition, 62k miles; 2006 Honda Rebel 250cc 650 miles.

ATVS: Cub Cadet side-by-side UTV camouflage pattern Kohler engine dump bed; 2012 Polaris Sportsman 550 4x4 922 hrs 6318 miles; 2009 Polaris Sportsman 500 H.O. AWD automatic 2400 miles; 2009 Polaris Ranger 700 HO, power steering, load levelers, winch, 4900 miles; 2007 Polaris Sportsman 500 6x6 ATV 3100 miles; 2007 Polaris Sportsman 500 4x4 806 hrs 4396 miles; 2006 Polaris Sportsman 700 EFI AWD automatic w/4300 miles, winch; 2001 Yamaha Raptor 660R 5-speed, performance exhaust, w/reverse, really fast!; 1998 Polaris Sportsman 500 4x4 1800 miles; Rocketa RUV-260 side-by-side ATV w/260cc water-cooled engine (bad tranny).

Special consignment – Trailer load of trees & shrubs from local nursery

MOWERS, YARD EQUIPMENT: John Deere 216 riding mower w/Kohler engine & JD 36" snow thrower; Cub Cadet AGS 2130 riding mower 13hp 189.5 hrs; John Deere 524 walk behind snow thrower; Craftsman rear tine tiller 6.5hp 17" w/counter rotating tines; Toro CCR 3650 electric start 20" snow thrower; Husqvarna self-propelled mower; Craftsman 42" lawn sweeper; Ryobi 2-cycle mini tiller; Craftsman mod.358-795050 24cc 2-cycle gasoline Brushwacker; Hesston articulated steer mower (missing front deck); planter's cart; Cub International 1450 Hydrostat lawn tractor.

GUNS, AMMO: Weatherby mod. Vanguard 270 WCF cal bolt action rifle w/Burris 3x-9x scope; Henry mod. Acu-Bolt 22 cal bolt action rifle w/Henry H7 scope; Smith & Wesson mod. M+P 15-22 22LR cal rifle new in box; Remington Speedmaster mod.552 22 S-L-LR rifle w/BSA 3-9x32 scope; Browning BPS w/28" barrel 12 ga pump shotgun; Bersa mod. Thunder 380 semi-

auto pistol 380 cal; Ruger mod.SR22P semi-auto pistol 22LR cal w/2 clips; Taurus mod.PT145 Pro semi-auto pistol 45ACP cal; Beretta mod.92A1 semi-auto pistol 9mm cal; Cobra mod.CA-380 semi-auto pistol 380 cal pink grips; EAA mod. Witness semi-auto pistol 9mm blue grips; S&W mod.642-1 Airweight revolver 38 S+W SPL+P cal pink grips; Chiappa mod.1873-22 revolver 22 cal; Carl Walther mod. Colt Government semi-auto pistol 22LR cal; Browning mod. BAR semi-auto rifle 7mm mag w/3x9 scope; Norinco AK-47 7.62x39 cal semi-auto w/folding stock & banana clip; EAA AK-47 semi-auto PAP 7.62x39 cal w/banana clip; Stoeger mod.350 12 ga pump shotgun does not work; Belgium 12 ga side-by-side; Springfield 20 ga side-by-side; Baker Black Beauty 16 ga side-by-side; LeFever Nitro Special 12 ga side-by-side; Belgium 12 ga side-by-side; Forehand Arms 12 ga side-by-side; Tri-Star Italian 45-70 black powder rifle; Tri-Star Khan 12 ga side-by-side new in box; Leinad mod.D 45/410 cal single shot pistol 14" overall length.

INDUSTRIAL & CONSTRUCTION EQUIPMENT: Teardrop pallet racking – (9) uprights 15' x 32" w/3x3 legs; (161) 9' x 5" crossbars; dip tank/parts cleaner; military surplus? manual crane 750 lb max rating on 4-wheel base w/outriggers & tow bar; Miller mod.AEA-200LE AC welding & power generator; Lincoln Electric Ideal Arc R3R-400 welder 230/460v 3ph rated 400amps 40v; Handy Merman battery powered man lift; Alk Ta oil cleaning system w/500 gallon tank; Branick air operated tire handling machine; Pexto

4 TRUCKLOADS FROM SALINA CONCRETE PRODUCTS – 684 blocks Georgetown Edge red; 900 blocks SCP Holland Pavers Terra Cotta; 144 blocks Cottage Retaining Wall Bevel Block; 192 blocks Garden Wall Anchor Beveled Coronado; 192 blocks Garden Wall Anchor Beveled Buff; 192 blocks Garden Wall Anchor Beveled Burnt Red; 4 plts/100sqft Earthtone Top Ledge; 4 plts/100sqft Burnt Red Top Ledge; 4 plts/100sqft Smokey Tan Top Ledge; 2 plts/100sqft Tan Top Ledge; 4 plts/100sqft Coronado Blend Top Ledge; 192 blocks Garden Wall Anchor Beveled Burnt Red; 360 blocks SCP Holland Pavers Burnt Red; 96 blocks Garden Wall Anchor Beveled C Blend; 2925 Holland pavers gray tumbled; 2162 Holland pavers red tumbled.

mod.H15-20 shear 220/440v 2hp 3ph 58" wide throat; Verson brake press 4' wide; wire pulling kit; Westinghouse FlexArc welder 220/440v 3ph.

BUILDING SUPPLIES: Goodman A/C condenser; Styrofoam insulation blocks; oak vanity w/sink & side cabinet; shower enclosures w/doors; counter tops & sinks; ceiling fans & lights; NEW fireplace; (18) hanging lights; patio doors 72" x 82" w/thermal glass; windows w/mullions; (9) pallets fluorescent light fixtures w/slim line bulbs; (13) disconnect boxes.

TOOLS: Asstd Snap-On & Craftsman rolling & stacking tool boxes; B&S mod.05567-1 8hp generator 120/240v 4000w; B&S 8550 watt generator w/10hp engine looks new; Homak SE series stacking tool cabinets; Delta 10" bench top drill press; sheet rock lift; Campbell Hausfeld impact wrench; California Pneumatic 1/4" air ratchet; Campbell Hausfeld nibbler; Florida Pneumatic reversible drill; 5" swivel base vise; Delta 10" compound miter saw; Carolina Tool & Equipment horizontal band saw 1/2hp 110v; Wards Powr-Kraft 10" radial arm saw; Craftsman rotary tool bench w/16" scroll saw & 4-1/8" jointer/planner; Dayton propane 375,000 BTU space heater; Rockwell 10" Homecraft table saw; Poulan mod.P3314 14" chainsaw; DeWalt DW378G worm drive saw; Skil mod.5150 circular saw; Ridgid 535 pipe threading machine w/stand; Ridgid tri-stand; Ridgid threading set; Craftsman compound miter saw; Rockwell bench top drill press; Delta bench band saw; Craftsman 15" floor drill press 1hp; B&S 8hp generator.

RESTAURANT EQUIPMENT: Butcher Boy meat cutting band saw 208v 2hp 3ph.

HOUSEHOLD APPLIANCES: Frigidaire 18.2 cu.ft. refrigerator/freezer; Kenmore mod.33207 19.6 cu.ft. upright freezer; Sun Cloud infra-red heater; Kenmore electric range w/digital controls; Magic Chef propane kitchen range; Maytag stainless space saver (over the range) microwave oven.

ELECTRONICS: Sony Digital Handycam mod.DCR-TRV17 NTSC w/Super Night Shot 0 Lux 120x digital zoom; Sony Digital Handycam mod.DCR-SX41 w/60x optical zoom 8 GB up to 6 hrs recording; Sankyo Corp. electronic pachinko machine w/lights & sound; APC Back-UPS ES 725 battery backup/surge suppressor; Garmin GPS III personal navigator; Pioneer & Technics turntables; receivers from Sansui, Realistic, Kenwood, Pioneer, Magnavox, others; pr large outdoor speakers; amps from Dy-

naco, Harmon/Kardon; static generator circa 1899 (creates spark up to 6" long) restored & works; oscilloscopes; power supplies; rack equipment from DBX, Nady, ARC, Altec, others; other electronic gear & supplies; amp & controllers in rack box.

MUSICAL INSTRUMENTS: Gibson GA-20RVT 2-channel amp with reverb/tremolo control; Bundy II saxophone good condition w/nice case; Fender acoustic guitar w/Uni-Bar reinforced neck numbers 5654 1010 V 9-72 inside the body; Guitar by Airline w/case; F.E.Olds trombone w/case; Applause 12-string turtle back guitar mod.AA15.

EXERCISE & SPORTS EQUIPMENT: Trek Gary Fisher edition mountain bike 19" frame 29" wheels 24-speed w/Rock Shox, this is a high \$\$\$ bike like new condition; baseball scoreboard; NordicTrack C2050 treadmill w/electronic controls; NordicTrack recumbent exercise bike; Hitting Streak pitching machine; Casey pitching machine (Athletic Training Equipment Co); Schwinn Bowflex machine; Schwinn SP330F stepper; Old Town 9.5' Otter kayak.

HEALTH CARE & INVALID EQUIPMENT: Invacare Tracer EX wheel chair w/foot rests; walker & cane.

COLLECTIBLES, TOYS: Keepsake ornaments Frosty Friends collection (35 total, early ornaments are over \$100 on the internet); Wild Turkey decanters; 45 rpm records & portable record players; school bell with No.3 upright frame; asstd primitives – planes, coffee grinders, scoops, scales, etc.

FURNITURE & MISCELLANEOUS: Antique early 1900's Brunswick-Balke-Clender Co billiards table, 4' x 8', very good condition (selling professionally disassembled for moving); slate top billiards table w/ornate legs (selling assembled); Lane Action 5-pc sectional sofa burgundy leather has queen sleeper and 2 recliners; large oak dining table 48" x 102" w/12 matching chairs; grey tufted leather office chair; round glass top coffee table; (4) bentwood bar stools; bedroom set w/queen-sized Restonic pillow top mattress; patio set w/bench, 2 chairs, 2 tables; 2 oak arm chairs; household décor; modern décor; (2) Herman Miller office chairs; stainless steel modern chairs & glass-top table; soap stone wood burning stove; school & office furniture; (5) large trunks & boxes; Restonic king-size bed like new; oak church pew w/cushion; oak cabinet; oak drop-leaf table; large oak display cabinet 60" x 78" x 25"; man cave signs; wood burning stove; garden benches & shelves.

UPCOMING AUCTIONS

80 ACRES W/CLEARY BUILDING & HORSE BARN
2152 15th Avenue, McPherson, KS (1-1/2 miles north of McPherson Country Club, 1 mile east on Quivera Rd, then 1/4 mile south on 15th)

SATURDAY, OCTOBER 11, 2014 AT 2:00 PM

40' x 80' barn style wood framed Cleary building w/8' x 80' covered porch attached. Interior has 2-car garage and uncompleted living quarters – ground floor has radiant floor heating (pipe in concrete, needs boiler), 9' ceilings, 36" doors, plumbing in place but not connected. Well constructed with 2x12 ceiling joists to support anti-

pated 2nd level, 2x6 studs, well insulated. Underground electric & fiber optics to the house, rural water hookup & well. Very scenic pasture ground, horse barn, pond, and lots of deer. Owner relocating to take care of mother. Go to web site for sale bill with pictures.

REAL ESTATE AUCTION

929 S. Santa Fe Avenue, Salina, KS
SUNDAY, OCTOBER 12, 2014 AT 2:00 PM

Selling a 2-1/2 story home with full basement, 2,285 sqft with 3 bedrooms, 2 baths, screened porch, detached garage, and oversized lot, built in 1925. One of the grand old dames of Santa Fe with lots of potential. Go to web site for sale bill with pictures.

TOOLS, TOOLS, TOOLS: 601 S. Broadway, Salina, KS
SUNDAY, OCTOBER 19, 2014 AT 1:00 PM

Large selection of hand & power tools, supplies and equipment from a large estate. Will set up after the consignment sale. Watch web site for sale bill.

GUNS AUCTION: 601 S. Broadway, Salina, KS
SUNDAY, OCTOBER 26, 2014 AT 1:00 PM

1-owner sale with no ATF paperwork, sales tax or buyer's premium. Lots of World War 1 & 2 military rifles & pistols, German & American, many bayonets. Check web site for partial listing and watch for sale bill with detail pictures closer to sale time.



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BVD testing could pay off big, according to KSU veterinarian

The name of the disease is somewhat misleading. Although symptoms of this problematic virus — bovine viral diarrhea, or BVD — in beef herds include respiratory disease, and of course, diarrhea, it can lead to even greater problems for beef producers.

“Diarrhea is such a minor part of this disease,” said Gregg Hanzlicek, a Kansas State University veterinarian. “On a cow-calf operation, BVD’s biggest impact is on cow reproduction. It depends when the cow is exposed during pregnancy on what’s going to happen to her or happen to her fetus.”

Cow infertility, early embryonic death within 42 days of gestation, aborted calves and calves born with skeletal abnormalities can all occur in a BVD-infected herd, he added.

When BVD enters feedlots and stocker units, it can suppress the immune system of calves and result in issues with bovine respiratory disease. Because BVD has the potential to affect all of these beef industry segments, many in the industry are paying closer attention to it and paying a premium for calves that test negative as persistently infected (PI) with BVD.

In fact, video auction data (www.thecattlesite.com/news/46373/new-analysis-shows-bvdpi-testing-pays-notting-producers-14-more-per-head) show calves marketed in 2013 that had been tested and declared PI negative brought \$2.97 more per hundredweight, a 23 percent increase from 2012. This translates to an additional \$14 per head on a 600-pound calf.

Hanzlicek said if a producer sent samples from a

group of calves to the Kansas State Veterinary Diagnostic Laboratory for PI testing, it would cost a little more than \$2 per head, so the return more than covers the cost. Producers can choose to send two different types of samples — tissue, such as ear notches, or blood.

“For herds that are at a high risk of having BVD, testing is economical, and it’s a good part of a biosecurity program to keep BVD out of the herd,” Hanzlicek said. “It’s not typically for whole-herd testing. Test the youngest animals first. If there are no positives, then you can be fairly comfortable there is no BVD in the herd. If you find a calf that is PI positive, then you’ll have to go back and test the dam.”

Hanzlicek recommends that producers talk with their local veterinarian,

because BVD PI testing is not for every herd. Some herds are more at risk and should consider testing.

A complicated disease

PI calves are calves that carry BVD, and they silently shed the virus to other animals in the herd, unbeknownst to the producer.

“A PI calf is a calf that was exposed to the virus while it was in the uterus its first 40 to 120 days of gestation,” Hanzlicek said. “If it’s exposed during that time, the calf does not recognize that virus as being something foreign. When it’s born, it thinks that virus is part of it. That virus keeps reproducing within the calf and makes it basically a walking virus.”

The U.S. Department of Agriculture’s (USDA’s) National Animal Health Monitoring System conducted a study (www.bvdinfo.org/

wp-content/uploads/2013/supporting-articles/Overview-NAHMS-BVDPrevalence.pdf) in 2007-2008 and found that approximately one in 12 herds had at least one PI calf. The prevalence of PI calves within the positive herds was anywhere between 1 and 16 percent.

If producers decide to test their herd after discussing it with their local veterinarian, they should test the calves before weaning.

“My recommendation is to test when you’re going to ear tag them, right after birth at maybe a day to a few days of age,” he said. “You can freeze the ear notches and send them all in at the same time. We need to get those PI calves identified and out of the herd as soon as possible after birth, certainly before the breeding season starts.”

Hanzlicek said producers should not take PI-positive calves to the sale barn.

“What happens is someone who doesn’t know they are PI calves takes them home in a group of calves, and they have a bovine respiratory problem or other problems,” he said.

Instead, some options producers might need to consider would be to place the animal in a quarantine pen and feed to slaughter, or euthanize the animal.

According to the USDA’s Animal and Plant Health Inspection Service (APHIS), humans are not susceptible to BVD. Producers also can consider vaccines to protect against BVD. Learn more about BVD through APHIS (http://www.aphis.usda.gov/animal_health/emergingissues/download/bvdinfosheet.pdf) or by visiting <http://www.bvdinfo.org>.

Chisholm Trail Day Festival slated for October 4

It’s time to saddle up and head to the 36th Annual Chisholm Trail Day Festival, on Saturday, October 4 at the Heritage Center Museum, 412 S. Campbell in Abilene from 10 a.m. to 4 p.m. The admission is \$5 per adults in advanced and \$7 at the gate that day and children (3-12) is \$2, sponsored by the Dickinson County Historical Society.

There will be lots of fun and activities for the whole family, including live entertainment on the main stage featuring Classic Heart playing great music of the '50s and '60s. They will play the music that will make you want to dance. Also Jeff Davidson will be performing on the main stage. Jeff is from Eureka and is a songwriter, poet and western music performer. He was named the 2013 Kansas Cowboy Poet Champ for the serious poetry division. He will perform songs, tell stories and recite poetry about the Old West. It is truly a treat to hear him perform.

The third performer on the main stage will be Dave

“Zerf” Zerfas. Zerf plays Kansas ballads and old cowboy songs. You will get into the Chisholm Trail mood listening to his songs and learn a little history along the way. There will be great music and entertainment all day long.

The History Stage will feature Harold “Trail Song Willie” Williams, Randy Schumock and Thad Beach. Thad is a songsmith and performs music with a variety of instruments. He makes music fun for the whole family. This year the Antique Farm Show will feature the Case tractors and farm equipment. Registration begins at 8:00 a.m. There will be tractor games at 11:00 a.m. and the Parade of Power will begin at 1:00 p.m. There will also be a pedal tractor pull for kids four to twelve years of age. Registration will begin at 9 a.m. and the pull will begin at 10:30 a.m. This activity will be free of charge. If you love old cars then you won’t want to miss the Antique and Classic Car Show. There will be over 50 old

and classic cars on exhibit throughout the day. Anyone who would like to bring a car for the show may do so. Registration will begin at 8:00 a.m. Saturday morning.

Come and learn how the old crafts were done. There will be demonstrations on blacksmithing, chair caning, bread baking, molasses boiling, pioneer cooking, lumber sawing, wheat weaving and spinning and weaving wool and much more.

Inside the Heritage Center make sure you visit the Mud Creek Quilters demonstrating the art of quilting. Don’t forget to walk through the galleries inside the Heritage Center. You will learn of early pioneers, the life of the cowboys and experience over 100 years of telephone history.

For \$1.00 the kids of all ages will enjoy riding on the 1901 C.W. Parker Carousel powered by the original steam engine. This carousel is a National Historic Landmark, a National Historic Carousel and was voted as one of top the 8

Wonders of Kansas Customs. It is truly a national treasure and everyone needs to take a ride on it.

If you like trains come and ride the rails as the Abilene & Smoky Valley Railroad powers up their National Historic Register 1919 Santa Fe 4-6-2 “Pacific” #3415 Steam Locomotive. Relive the days of the steam powered trains. The train will run from 10 a.m. to 3 p.m. on the hour.

During the day visit Old Abilene Town and watch Wild Bill Hickok tame the

streets of Abilene in 1871. You can take a ride on the Old Abilene Stagecoach located in Old Abilene Town. On Sunday from 2 p.m. to 4 p.m. Bill Burrows will also hold a “Cowboy Jam Session” at the Alamo Saloon.

There will be children’s activities, including a bounce house, children crafts by the Day Care Providers of Dickinson County, face painting, folk craft demonstrations and much more. Kasey the Clown will also be roaming

the grounds during the day. There will be lots of great food provided by the Dickinson County Historical Society, Amanda’s Bakery, the Abilene Kiwanis and other food vendors. Don’t miss out on the fun and the excitement at the 36th Annual Chisholm Trail Day Festival. For more information or to purchase your advance buttons call 785-263-2681 or check out the website www.heritagecenterdk.com or see us on Facebook at Dickinson County Heritage Center.

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AUCTION

SATURDAY, OCTOBER 11 — 9:33 AM

Sterl Hall, 619 N. Rogers — ABILENE, KANSAS



ANTIQUES, COLLECTIBLES & HOUSEHOLD
Red Wing 6 gal. Birchleaf crock; RW 5 gal. ball lock jar; RW wax sealer; RW bean pot; miscellaneous bowls, pitchers, casseroles and butters; 4 pc. set of Guardian Service Cookware; advertising pcs. from Abilene, Chapman, Wakefield, Salina, Lindsborg; box of Planters State Bank advertising (Salina); Luray pastels dinnerware; Melmac & Corelle; table w/2 leaves & 4 chairs; washer and dryer; sewing machines; chair step stool; refrigerator; 2 upright freezers; cups and saucers; silverware; set of Salad Master pots and pans; Coke tray; Corningware; Tupperware; leather recliner; lamp stand; old watches; old dresser; end tables; cushion bench; hall tree; overstuffed chair; lots of old thread & sewing notions; steamer trunk; oval picture glass frame; dehumidifier; 1909 Dickens Christmas card book; very old postcards; stereo scope; old records; patterns; wicker baskets; cookbooks; floor lamp; old baby comforter; 3 pc. bedroom set; 2 chest of drawers; figurines; entertainment center w/side cabinet; old books; ornate table; 2 brass lamps; 3 cushion couch; stereo; 2 pc. bedroom set; color TV; misc. hats; collector plates; 12x50 Bushnell binoculars; old cameras; kerosene lamp; vase; signed baseballs; tablecloths; pocket watches; wrist watches; 1908 songbook; new Wilson football; Hoover sweeper; Kirby sweeper; old safe; pressure cookers; misc. jewelry; lots of bedding; wood dresser box; horse hair blanket; lighted owl; handywork; crock bowls; butter churn; old dolls; 24 red 12-oz. glasses; S&P figurines; crock-pot; dog collection; old quilt; canners; 4 pc. Marx train set w/track; metal Tonka toys; roll-a-way bed; Lincoln Logs; metal tea set; old games, puzzles; Pix stick; child accordion in box; Dolls of Nations; Stanley Ther-

mos jug; knitting books; old wood cabinet; small cedar box; luggage; MANY, MANY MORE ITEMS TOO NUMEROUS TO MENTION.

YARD & SHOP
Topper-fits a 1981 Chevy Silverado shortbed pickup; John Deere LX 176, 36" riding lawn mower w/bagger; 12.5 hp SRX95 JD riding lawn mower; 10 gal. milk can; tile cutters; linoleum roller; gas weed eater; lawn and garden hand tools; Handyman jack; metal lawn chair; folding table; square tub; lg. bird house; chicken waterer; canning jars; misc. fishing gear; tackle box; Radio Flyer wagon; old sled; wheelbarrow; benches; chicken crate; ice tongs; lead dipper; Coleman stove; bench grinder; bolt cutter; scoop shovel; post hole digger; swing set; air bubble; blow torch; garden hose; misc. hand tools; miter box; belt sander; Coleman lantern; **MANY, MANY MORE ITEMS TOO NUMEROUS TO MENTION.**

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Lending a helping hoof — Hereford juniors strive to make a difference for Ronald McDonald House Charities

By Bridget Beran

Each year when National Junior Hereford Association (NJHA) youth gather to participate in contests inside and outside the showring during the Junior National Hereford Expo (JNHE), they also come together to do something to benefit others. Started in 2012 by then National Hereford Queen Amanda Bacon, Helping Hooves is a service project that is led each year by the National Hereford Queen. This year, National Hereford Queen Brooke Jensen, Courtland, chose to collect pop tabs for the Ronald McDonald House Charities (RMHC).

"Each year our National Hereford Queen chooses a community service project that they feel will benefit others in a profound way," says Alise Nolan, National Hereford Women (NHW) president-elect. "Brooke's decision to do the pop tabs for the RMHC will bring much-needed media attention and hopefully give other organizations this great service opportunity idea."

Ronald McDonald Houses collect pop tabs instead of entire aluminum cans because it's more hygienic to store tabs than cans, and collection and storage is easier. According to the RMHC website, the program is an easy way for people of all ages to support RMHC and know they are making a difference for families and children.

For the past two years,



National Hereford Queen Brooke Jensen, Courtland, collected pop tabs for the Ronald McDonald House Charities as a service project with the National Junior Hereford Association.

Amanda asked juniors to collect toiletry items from hotels that they visited throughout the year. In the first year alone, Hereford youth donated more than 1,100 items to Hope Harbor homeless shelter in the host city, Grand Island, Neb. The following year,

youth were able to collect 2,424 items to donate to Hope House of Kansas City, Mo.

"We need to remember how lucky we are, as NJHA members, to be involved in this industry when a lot of people don't even have the basics,"

Amanda says.

With 610 juniors and their families in attendance at the JNHE, this year's project also had excellent results. Throughout the week, juniors were able to collect more than 78 pounds of pop tabs.

"The turnout this year was fantastic! The Ronald McDonald House Charities is a great program and I hope this will inspire people to continue to support the program outside of Helping Hooves throughout the year," Brooke says.

Brooke chose to partner with the NJHA mentoring program. Mentors and their protégés decorated small tubs for collecting pop tabs throughout the week.

"I'm excited about this project because of the cause it stands for, helping families afford to be near their loved ones while he or she is being cared for medically," Brooke says. Brooke says she thinks this project was successful both because juniors want to make a difference and to help those less fortunate and because she knows first-hand how many cans of pop are drank and brought to a cattle show on a daily basis.

When Amanda first began Helping Hooves, she hoped to set an example of service and to leave a lasting impression on juniors about how fortunate they are. She hopes this tradition of service will continue for years to come.

Farmers hoping to open Boot Hill Distillery

(AP) — Some farmers from western Kansas are planning to build a distillery on land in Dodge City that was once the site of the Boot Hill Cemetery and later the city's municipal building.

The site was the city's cemetery in the 1870s before becoming a public school and then the Dodge City Municipal Building in 1929. The investors plan to turn the structure, which is on the National Register of Historic Places, into the Boot Hill Distillery that will open for business next July, the *Hutchinson News* reported.

One of the investors, Hayes Kelman, 23, a Kansas State University senior from Sublette, plans to be the distiller of the whiskey made primarily from the corn grown on his family's farm in Haskell County.

"We will provide everything, as much as we can, from farm to bottle," Kelman said.

The project received a federal Community Development Block Grant worth \$190,649 in late August to stabilize and repair the building, including tuckpointing, roof repair and asbestos removal. The grant will be matched with \$63,560 in private funds.

"Boot Hill Distillery will be a great asset for tourism and downtown revitalization," said Melissa McCoy, project development coordinator for Dodge City.



Ottawa County Fair's grand champion mare was shown by Johnna Perry.

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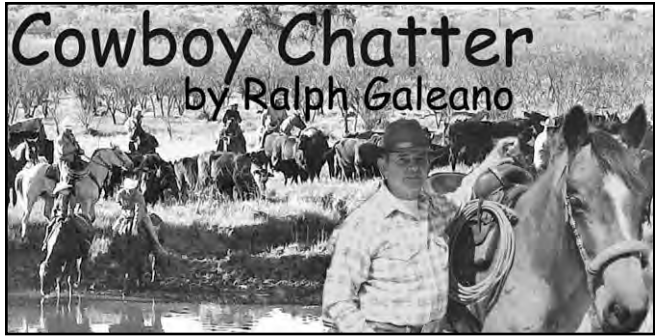
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Cowgirl Legends — Nancy Binford

A successful competitor, promoter and marketing strategist for women's rodeo, Nancy Binford was one of the premier horsewomen in the country. Born in Amarillo, Texas, in 1921, Nancy was raised on her parent's ranch, the M Bar Ranch, northwest of Wildorado, Texas. Nancy could ride a horse from the time she could walk and lived on the M Bar for most of her life.

Nancy began competing in rodeos in 1939 and was a top competitor in barrel racing, calf roping, cutting and bareback bronc riding. She was also active in rodeo as a sponsored "Sweetheart" for the Will Rogers Range Riders of Amarillo and travelled across the country competing. The Range Riders are a group of rodeo enthusiasts who have provided facilities for ropers and riders to hone their skills for rodeo and other special public events since 1939. The Will Rogers Range Riders are the oldest known western riding club known to exist in the United States today. After graduating from Texas Tech University, Nancy taught high school in Lubbock for a year before returning to the 10,000 acre family ranch to help her mother, Kathryn, during World War II.

A rodeo tragedy occurred in 1929 when superstar cowgirl Bonnie McCarroll died in a bronc riding accident during the Pendleton, Oregon rodeo. The accident caused many rodeos to ban women contestants from competing in the

rough stock events. After the tragedy, rodeo producers formed the Rodeo Association of America (RAA) in an attempt to bring a semblance of order to the rodeo sport. Because of McCarroll's death, the RAA was organized with a cowboy-only format and refused to allow cowgirl events. The girls were furious and their pleas to be included in the rodeos fell on deaf ears. Cowgirls were being left out of the sport they loved even though many of them could ride as well or better than the rodeo cowboys.

Another incident occurred in 1931 that further removed women from the competitive aspect of rodeo performances. The promoters of the Stamford Cowboy Reunion introduced a Sponsor Contest for a Rodeo Queen. They asked local ranches and communities to sponsor a young woman to enter the contest. The Sponsor Contest was designed to add femininity to the all-male rodeo. The women weren't judged on their rodeo performance but on who had the best horse, their choice of western clothes and how they rode a horse. Their horsemanship was judged riding a cloverleaf pattern around three barrels. They were not timed on the pattern. It was up to the judge's discretion who looked the best. It seemed that looks alone decided who would be crowned Rodeo Queen.

Nancy Binford's competitive spirit rebelled at the way women had been placed in the back seat of

rodeo. In 1947, determined to bring women back to a competitive status in rodeo, 25-year old Nancy teamed up with 19-year old Thena Mae Farr and the two West Texas cowgirls decided to hold a rodeo. They created the Tri-State All-Girl Rodeo and began to re-shape the meaning of "Rodeo Queen" from a title that relied on beauty and appearance to one that also included riding performance that was judged by timed events. Binford announced to the press, "This is going to be a rodeo, not a social event." Once they had the Amarillo Chamber's approval to hold the rodeo, Binford and Farr began contacting riders to compete in the event. When asked in a 1985 interview if she was worried there would not be enough women to compete, Binford replied, "Oh no—we had asked many girls just to be sure we would have enough to produce the rodeo. We had eight ropers out the first day and some of them had never thrown a rope in an arena and there wasn't a calf missed. They were real excited about it and it turned out real well."

The Tri-State All-Girl Rodeo meant just that. With the exception of the announcer, contestants, judges, rodeo clowns and staff were all women. A standing room only crowd cheered cowgirls as they competed in bareback bronc riding, calf roping, cutting, team tying, saddle bronc riding, steer riding and an exhibition bull dog performance.

The All-Girl Rodeo at the Amarillo Tri-State Fair was a huge success and helped cowgirls come back to com-

petitive rodeo events. Shortly after the rodeo, the female contestants got together and formed the Girls Rodeo Association (GRA.) The organization standardized rodeo rules that applied to female contestants to level the playing field. Timed events would determine the winner of the different categories and judges would ensure the rules were not violated. Nancy continued to hold GRA rodeos in Amarillo, San Angelo and Seymour, Texas and also Colorado Springs, Colorado. In 1950, she served as president of the GRA and during that decade was closely associated with rodeo and horse shows. The GRA-sanctioned rules are still in effect today. In 1981, the GRA became the Women's Professional Rodeo Association (WPRA.)

Nancy was also influential in organizing the American Quarter Horse Association and the National Cutting Horse Association. In 1948, she was invited along with three men to exhibit her cutting horse in the International Livestock Exhibition in Chicago. The group was sponsored by AQHA and NCHA to promote both associations in the east. Nancy remarked, "That was the most rewarding and memorable event during my rodeo career." In 1950, Nancy won world championships in both cutting and roping. In 1963, Nancy opened the Chaparral Racing Stables on the family ranch. Her horses ran in New Mexico but the better thoroughbreds were sent to eastern tracks to compete. In 1970 she dissolved the racing stable to

devote more time to her cattle and farming operations started by her parents on the home ranch. Through the years, Nancy shared her knowledge and experience of ranching and rodeo by serving on many community organizations including 4-H clubs. She was also a board member of the National Cowgirl Hall of Fame. She was inducted into the National Cowgirl Hall of Fame in Fort Worth, Texas in 1979 and saluted for her horse-

manship and the important role she played in the history and success of women's rodeo. Nancy Binford was the driving force behind women's rodeo and is perhaps best remembered for co-founding the Girls Rodeo Association. Nancy Binford left an indelible legacy for all women who compete in rodeo.

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



Judge Bill Toews selected the entry shown by Britt Michaelis, Newbury 4-H Club, as the champion market meat goat at the Wabaunsee County Fair.

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ANTIQUE & VINTAGE COLLECTABLES: 20 gal. Red Wing crock in excellent condition, no cracks. 10 gal. Red Wing Crock, 5 gal. (No flaws) from the Red Wing Union Stoneware Co., it has two blue birch leaves below the #5. 1 gal. Ruckles Stoneware Crock, 5 gal. Salt Glazed Blue Leaf Crock w/Red Wing Stoneware Company stamped on back (dark brown interior). 3 gal. Red Wing Crock, 2 gal. Ruckles Crock, 1 gal. Ruckles Crock, 6 gal. Western Stoneware Crock (Blue Maple Leaf). ½ gal. Crock, 3 gal. Elephant Ear Crock (Union Stoneware Co.).

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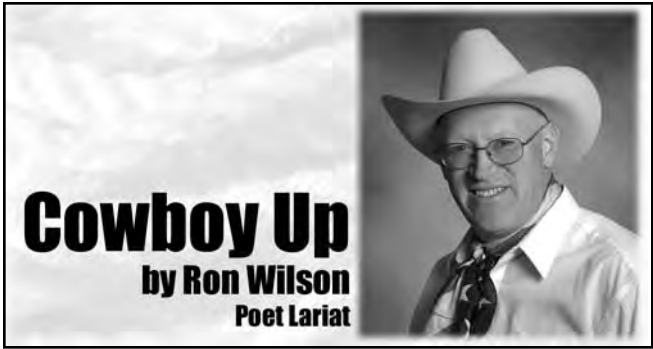
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There’s No Such Thing

The king sent out an edict to the wise men throughout his kingdom: “You are summoned to create a short, simple explanation of economics.” So the scholars got together, reviewed the literature, and prepared a booklet of leading economic theories to present to the king. “No,” the king demanded. “I want my economics lesson boiled down even further.” So the scholars worked feverishly and compiled a summary of economic principles into a single page. “No,” thundered the king, “That is still

too much.” And then a young economist from farm country made a statement which explained it all to the king in a single sentence: “There’s no such thing as a free lunch.” A noted agricultural economist told me that classic story many years ago. He made the point that economics is the study of how people allocate limited resources. Nothing is magically free. One way or another, there is a cost if something is produced. People expect a return on what they invest. One man’s free

The Free Horse

By Ron Wilson, Poet Lariat

“Well, I’ll tell you what I’ll do,” said the man at the feed store.
“I have this mare that I don’t have the time to ride any more.
Although she’s in her prime and losing her would sure pain me, I’ve decided I will give you this horse absolutely free.”
Oh, I was excited to hear this bargain deal.
How could I go wrong with zero cost for real?
Even if she’s not that good, I’m not out anything,
So I accepted his kind offer with whatever it would bring.
And since the price was right, I hauled that bay mare home
And put her in the pasture where she could graze and roam.
But when I put her in the stall, I found she kicked the sides,
And I found I couldn’t catch her when I went to take my rides.
I paid for the repairs on the barn and on the stall,
And saw her lookin’ peaked when it got down in the fall.
It seemed this horse was a whole lot older than we thought.
I had to buy her senior feed which made me quite distraught.
And as I paid the vet bill when that horse’s health went south,
I thought, “Sometimes it is a good thing to look a gift horse in the mouth.”
Happy Trails!

www.ronscowboypoetry.com © Copyright 2014

ride comes at the expense of something else.

This relates to another piece of wisdom that I got from an old-timer: “There’s nothing as expensive as a free horse.” I came to appreciate the wisdom of his apparent contradiction. When well-intended folks eliminated horse slaughter in this country, the bottom fell out of the market for certain horses. Some critters had no value so people were dumping them and giving them away. The cost was transferred to the new owner or to the public.

So beware of a supposed free horse. First of all, when someone wants to give away a horse, there is some reason, such as to transfer the horse’s problem from the previous owner to you. And even if the horse is fine, it isn’t the (non-existent) purchase price which gets you. It’s the ongoing cost which hurts. This includes the cost of feed, water, tack, maintenance, time, vet bills, and care. If we do all this for a horse that we can’t use, it becomes a very expensive “free” horse.

Another old adage says “Don’t look a gift horse in the mouth.” Many in our modern society may not know what that literally means. Looking in the horse’s mouth to check the length and condition of the teeth is a generally reliable way of determining the horse’s age, which has bearing on its value. Checking the teeth of a gift horse would be like looking at the pricetag on a Christmas present, which would be impolite to do.

But when it comes to horses or other deals, it is wise to be fully informed. Look out for telemarketers who offer a deal that is too good to be true. I know of one Kansas county which has been offered a free gift of land by an out-of-state owner. The tract of land has numerous problems which are sure to impose significant cost on taxpayers. Beware of the supposed free gift.

It’s simple economics. Just ask the king.

Two is better than one — 2014 Fall Forestry Field Day focuses on dual-crop systems and stewardship

Often times a conservation practice can look great on paper but real-world implementation can be a struggle. Each piece of land is unique with its own set of problems that need to be addressed to meet its needs, which is why innovation is so important to managing woodlands.

Whether a landowner needs some inspiration or just wants to witness forest and wildlife improvement projects firsthand, they can find it all at the 20th Annual Fall Forestry Field Day on Oct. 16, 2014.

Alley-Cropping for Breakfast

Beginning at John and Karen Buchanan’s tree farm, located three miles southwest of Valley Falls, participants can see for themselves why the Kansas Forestry Association has named them the Kansas 2014 Agroforestry Award winners.

“Buchanan’s Tree Farm exhibits one of the most successful agroforestry alley cropping practices in the state,” said Robert Atchison, rural forestry coordinator for the Kansas Forest Service (www.kansasfor-ests.org). “The most common and traditional agroforestry practices in Kansas tend to be shelterbelts and riparian buffers.”

But the Buchanans’ operation stands out across the state. By establishing an alley cropping system they are able to harvest the native grass hay while simultaneously growing potentially high-value trees. Atchison said the benefits from this practice are numerous. This alley-cropping system provides annual income from the hay crop, grows long-term potential income from the forest products, reduces soil erosion and non-point source

pollution and creates a habitat for wildlife.

“What is so unique about the Buchanans’ tree farm is the level of detail and attention they have put into aspects such as site preparation, tree planting, fertilization and weed control,” said Atchison. “It’s these things and other follow-up maintenance practices that make alley-cropping successful.”

Throughout the morning, John Buchanan along with a variety of foresters, wildlife biologists and natural resource professionals will share more information about establishment, maintenance and benefits of alley-cropping systems.

Afternoon at the Lake

A catered lunch will be offered as part of the registration fee. Following lunch the field day will move to the U.S. Army Corp of Engineer’s wildlife area on the northwest shores of Perry Lake. Afternoon sessions will include topics on the issues of the sedimentation of Perry Lake and other reservoirs, water quality and

quantity issues facing the state, activities of local watershed groups to address the problem, wildlife food plot establishment and quail habitat management.

The program will also include the presentation of the 2014 Forest Stewardship Outstanding Tree Farmer of the Year award to Frank Martin. Located in Leavenworth County, the Martin Tree Farm has been certified green by the American Tree Farm System for the past 35 years for its commitment to stewardship and sustainability.

Registration may be accomplished by sending a \$12 check to the Kansas Forest Service at 2610 Claflin Rd., Manhattan, KS 66502, and writing “Fall Forestry Field Day” in the memo line. A brochure of the event is available on the web at www.kansasforests.org/documents/news/calendar/FFD%20Brochure%202014pub.pdf.

Additional questions may be directed to Bob Atchison at 785-532-3310 or atchison@ksu.edu.



The grand champion beef at the Wabaunsee County Fair was shown by Mandy Michaelis, Newbury 4-H Club. Allison Forsyth judged the show.



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12" GALV	10GA	30'		5	527	\$ 135.00
12" GALV	10GA	40'		12	702	\$ 180.00
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Tell how and why beef is better

By Miranda Reiman

Technology, with a dose of explanation, is just what the expert ordered.

As a meat scientist for Zoetis, Brad Morgan sees a lot of industry innovations first-hand. Interacting with the public, including fellow employees at the animal health company and his own family, he sees the need for education.

In the most recent National Beef Quality Audit (NBQA) nearly every segment — from feeders and packers to retailers and allied industry — named lack of transparency among the top three weaknesses of the U.S. cattle industry.

“Do consumers like technology?” he asked. “Not really. Everyone likes \$2 gas and a dollar loaf of bread though.”

The statistics are familiar. By 2050 we’re going to have to produce twice as much food and 70% of that will need to come from gains in efficiency due to technology.

Morgan explained it’s usually a lack of knowledge of technology, not the practice itself, that causes consumer concern. “I remember asking my wife one time, ‘Would you feed our boys beef that had been subjected to organic acid to kill E. coli?’” In that entire sentence, one word stuck out to his partner.

“When she hears ‘acid,’ what does she think about? That battery in your car,” he said. Holes in clothes lead to visions of holes in a stomach.

When he asked the same question about a 2% vinegar mixture on that beef, his wife was okay with that.

“This was a defining moment for me. I asked, ‘You know that vinegar is an organic acid?’”

“No. I didn’t know that,” came the reply.

“We really have to explain to people why we want to use technology,” he said.

For example, in the packing plant it takes 400 gallons of water per beef carcass, which might sound like a lot to the average consumer.

“Ninety percent of it is

for sanitation and cleanup,” Morgan said. “And 100% of what goes in also comes out. But a lot of times because of the water treatment facilities that we have at these packing plants, most of the water is cleaner coming out of the plant than it is from the municipal water supply coming into the plant. We spend a lot of money treating water at packing plants.”

Continued advancements may improve water savings even further.

Zoetis is working on vaccines and other ways to reduce the risk of pathogens like E. coli and Salmonella. Researchers are down to the level of tracing bacteria in the gastro-intestinal tract in a common fly.

“We don’t do a good enough job of tooting our own horn,” Morgan said of those ongoing efforts.

History shows the importance of being allowed to produce enough food.

“Most countries that have been successful over time have been able to feed themselves and defend themselves,” Morgan said.

U.S. consumers don’t just expect beef to be available. They want it to be good, too.

“Demand is there for premium-type programs that are going to perform,”

he said.

In 2011 USDA Prime and branded beef products accounted for 11% of the sales mix, compared to 15% today. Using an adjusted price base, carcass value increased \$90 during that timeframe.

“That shows you the demand is there,” he said.

Premium grinds, whole muscles or unique blends processed into ground beef, represents a growing category.

“It’s pretty romantic to have a gourmet hamburger now,” Morgan said, but he doesn’t think cattle should be fed strictly for a ground beef market. Current feed prices encourage increased days on feed, and more of the carcass value comes from end meats.

“If you look at the amount of pounds (of ground beef) sold, it’s 58% of the carcass, but if you look at dollars it only adds up to 38%,” he said.

Morgan spoke as part of the Feeding Quality Forum in Kearney, Neb., and Amarillo, Texas, last month. The meetings were sponsored by Purina, *Feedlot* magazine, Zoetis, Roto-Mix and Certified Angus Beef LLC; more information is available at www.feedingqualityforum.com.



Rebekah Cain, Friendly Farmers 4-H Club, led the reserve champion dairy goat at the Wabaunsee County Fair. Bill Toews judged the competition.

Different distillers grains may change feed rations

Ethanol plants are getting more efficient at extracting fuel from corn, and that can affect the quality of distillers grains, a byproduct of ethanol production often used as an economical feed alternative for hogs and poultry.

“They are doing some further extraction to get more of the corn oil out of distillers grains,” says Marcia Shannon, University of Missouri Extension swine specialist. “So we’re getting a little bit different product out of those ethanol plants.”

Shannon says the swine and poultry industries need to be aware of the source, extraction methods and crude fat level of their distillers grains.

There are three main types of distillers grains: traditional, with more than 10 percent crude fat; low-fat, with 5-9 percent crude fat; and de-oiled, with less than 5 percent crude fat.


Shannon says that low-fat distillers grains will probably have lower energy content. Producers should get a sample analyzed or talk to their source to find out what kind of extraction methods are being used at the plant.

Shannon notes that more than just the total crude fat level is important when determining rations. Oil left in the grain after extraction is less digestible than the oil taken out, she says. The extracted oil was probably 92 percent digestible while the remaining oil is only around 50 percent digestible.

“You can get by feeding the low-fat without changing the nutrient profile of the diet and not affect performance,” Shannon says. “But if you have an ethanol plant that is doing de-oiled distillers where it’s less than 5 percent crude fat and you don’t alter that diet and add energy, you probably will see a reduction in performance of those grow-finish pigs.”

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Cold snap may have nipped Kansas sorghum, soybeans more than corn

From time to time over the past few months it seemed like fall was trying to crowd out summer, and now it's a little more serious. The latest cold snap may have been enough to impact grain filling and test weight for Kansas' summer row crops, especially sorghum and soybeans, according to a Kansas State University agronomist.

"Based on preliminary temperatures, the lowest temperatures recorded around the state of Kansas may have a potential impact on the grain filling and final test weight for summer row crops, especially sorghum and soybean, since corn is close to 50 percent mature," said

Ignacio Ciampitti, crop specialist with K-State Research and Extension.

"In the last 17 days, we have recorded temperatures below 35 degrees F for several counties around the state," said Mary Knapp, assistant state climatologist for Kansas. "The county with the lowest temperature was Osborne with 29 degrees F, but Ellis, Trego, Ness, and Decatur counties also presented lowest temperatures around 30 to 31 degrees."

The northwestern and north-central corners of the state particularly have experienced the low temperatures. The central part of the state saw temperatures as low as 33 to 37 de-

grees F, while the south region (west, central and eastern portions) had overall temperatures above 40 degrees.

The temperatures experienced in the last 17 days fell below the 30-year average for 101 of Kansas' 105 counties. For the north-central counties of Smith, Phillips, Mitchell, Graham, Rooks, Osborne and Trego, the departure was close to 7 degrees F below the 30-year average, Knapp said.

How temperatures affect crops

In most of the state, Ciampitti said, the state's corn crop is beyond the dent stage (50 percent mature). Corn is affected with temperatures below or at

32 degrees F. Lower temperatures can produce an equivalent or greater damage even when the exposure time is relatively minimal. Clear skies, minimum humidity and no wind conditions increase freeze damage even with temperatures above 32 degrees.

"Any freeze damage at this point of the season will hardly produce any visible symptoms but can impact the final test weight and potentially seed quality (depending on the growth stage)," Ciampitti said.

Researchers in Wisconsin found that a light frost (affecting leaves) will produce a 5 percent yield reduction, while a killing frost (affecting leaf and stalk) will reduce yields by 12 percent, even when the corn is at the dent stage. The only point in which corn is not affected at all by freeze is at the black layer stage, Ciampitti said.

"Kansas' soybean is into the final reproductive stages (dropping leaves)," the agronomist said. "Temperatures below 32 degrees can interrupt grain filling and impact yield, meaning lower test weight and seed quality."

Necrosis of the leaf canopy is a visible symptom of freeze damage in soybeans, he added. Absolute temperature is more important than the duration of the cold stress – especially if temperatures

drop lower than 28 degrees F. The timing of the freeze effect will increase the likelihood of affecting yields. As the crop approaches maturity, the impact of a freeze event on soybean yields declines.

The Kansas sorghum crop is more than halfway coloring (14 percent mature). Low temperatures will reduce seed growth and affect final test weight and seed quality.

"A freeze will kill sorghum if the stalks are frozen and impair the flow of assimilates and nutrients to the grain," Ciampitti said. "A freeze at the hard-dough stage (before grain matures) will produce lower weight and chaffy seeds."

Hereford Annual Meeting weekend planned Oct. 31-Nov. 2

Members of the American Hereford Association (AHA) will gather in Kansas City Oct. 31 through Nov. 2 for the 2014 Annual Meeting. Hereford enthusiasts from across the U.S. will enjoy three days of events and activities including educational forums, the Annual Meeting and the National Hereford Show during the American Royal. Kansas City Marriott Downtown, 200 West 12th Street, will host the event this year. To make reservations at the Kansas City Marriott Downtown, call 1-877-303-0104 and ask for the AHA rate. Reservations must be made by Oct. 1 for the block rate of \$99/night.

Friday afternoon an educational forum will kick off the weekend at the Marriott, followed by a "Hereford Honoree" reception. The educational forum will include highlights of the Hereford Genetic Summit as well as AHA updates.

During the Honoree Reception, this year's Hereford Heritage Hall of Fame and Hereford Hall of Merit recipients will be recognized as well as the Hereford Youth Foundation of America (HYFA) scholarship winners. During the reception, a cash bar and hors d'oeuvres will be available.

Saturday, the Annual Membership Meeting, which is open to the public, will start at 9 a.m. Association members selected 143 delegates to conduct the Association's business and to elect three members to serve on the AHA Board of Directors. The four Board candidates are Pete Atkins, Tea, S.D.; Jim Mickelson, Santa Rosa, Calif.; Kevin Schultz, Haviland; and Bob Thompson, Rolla, Mo.

Busess will be available to shuttle attendees to the American Royal complex for the Ladies of the Royal Sale and the junior Hereford show. The sale starts at 2 p.m. followed by the junior Hereford show that will begin at 5 p.m. at the American Royal complex. The junior show judge will be Blake Bloomberg, Stillwater, Okla.

Sunday the National Hereford Show will begin at 8

a.m. in Hale Arena at the American Royal complex. Between the female and bull shows, 2013-14 National Show Award winners will be recognized. Prior to the selection of the champion bull, the 2014-15 National Hereford Queen will be crowned.

The National Hereford Show will be judged by Kevin Hafner, Yukon, Okla. For those who can't make the trip to Kansas City, show results will be available online at Hereford.org.

AHA Annual Meeting Schedule of Events

Friday, October 31

2 p.m. Educational Forum, Kansas City Marriott Downtown 2 p.m. National Hereford Women (NHW) board meeting, Kansas City Marriott Downtown 6 p.m. Hereford Honoree Reception, Kansas City Marriott Downtown

Saturday, November 1

9 a.m. Annual Meeting, Kansas City Marriott Downtown Noon NHW Annual Meeting, Kansas City Mar-

riott Downtown 2 p.m. Ladies of the Royal Sale, American Royal Wagstaff Sale Arena

5 p.m. Junior Hereford Show, American Royal Hale Arena

Sunday, November 2

8 a.m. National Hereford Show, American Royal Hale Arena

AUCTION

SATURDAY, OCTOBER 4 — 9:30 AM
2021 NE 31st — TOPEKA, KANSAS
(Hwy 24 east to Happy Hollow then NE approximately 1 mile)

GAS PUMPS, SIGNS, RAILROAD LOCKER UNIT, FURNITURE, HOUSEHOLD, COLLECTIBLES, GLOBE 5, STRING BANJO & CASE, SPORTS CARDS, 1929 CHEVY, TOYS & PEDAL CARS

See last week's Grass & Grain for complete listings.

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FINAL OPEN HOUSE NOTICE for OCT. 11TH AUCTION

702 Dogwood Street — WAKEFIELD, KANSAS

Open house dates are THURSDAY OCTOBER 2ND from 5:00 until 7:00 and SUNDAY OCTOBER 5TH from 1:00 until 3:00. The auction will be held Saturday October 11th at 9:30am at the house. Selling is a 3 bedroom rancher with double garage and full basement. This is a nice home on a corner lot, well maintained and in a nice neighborhood. Terms are 10% down day of sale. Balance due in 30 days. The property sells subject to owner's confirmation. The auction firm is working for the seller.

Go to kretzauctions.com or kansasauctions.net for full listing, pictures and map.
Call Greg at (785)630-0701 with questions.

LAURENCE F. CONROW ESTATE, SELLER

Auction conducted by Clay County Real Estate
Greg Kretz, Salesman & Auctioneer

AUTOMOBILE & PARTS

1955 Chevrolet 210, 2 door sedan, blue w/white top, rebuilt 327 V-8, Muncie T10 4 spd, new style motor mounts, Flamethrower ignition, Edelbrock manifold & carburetor, not finished; 1955 Chevrolet grille; sub frame for 55 Chevy; engine parts; shop built 1/8 ton truck w/gooseneck trailer; other parts.

Terms: cash or good check. Announcements the day of the auction take precedence.

Clint has been an auto mechanic for many years. This is a lifetime accumulation of antiques and tools.

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SPECIAL EDITIONS

Every issue of Grass & Grain is a top-notch marketing tool for advertisers, but we publish annual editions that stand out more.

January	.....Topeka Farm Show	July	.....County Fair / Farming
February	.....Seed & Chemical	August	.....State Fair
March	.....Salina Farm Show	September	.....Fall Harvest
April	.....Sheep & Goat / Hay & Grazing	October	.....Winter Maintenance
May	.....Cattle Empire	November	.....Holiday Gift Guide
June	.....Harvest		

FDA revises food safety rules; to take effect next year

(AP) – The Food and Drug Administration revised sweeping food safety rules proposed last year after farmers complained that the regulations could hurt business.

The new proposals would relax water quality standards and allow farmers to harvest crops sooner after using raw manure as fertilizer.

The final rules are due in 2015, and the FDA has been haggling over how to write them since Congress passed a food safety law in 2010. Regulators say balancing the need for tighter food safety standards after major food-borne illness outbreaks in spinach, eggs, peanuts and cantaloupe against the needs of farmers who are new to such regulations has been a challenge.

Michael Taylor, FDA's deputy commissioner for foods, says the agency is trying to "achieve the goal of food safety in a practical way." The rules are new terrain for the agency, he says.

The rules originally proposed in January 2013 would require farmers to take new precautions against contamination, making sure workers' hands are washed, irrigation water is clean and that animals stay out of fields,

among other things. Food manufacturers would also have to submit food safety plans to the government to show they are keeping their operations clean. Those changes would in many cases require new equipment, paperwork and record-keeping.

None of those priorities would change in the revised rule. But after complaints from farmers big and small who said the rules were too burdensome, the new proposal would relax some standards for the amount of bacteria that can be found in irrigation water and reduce the frequency with which it is tested, in some cases. The proposal also reduces the amount of time required between fertilizing crops with raw manure and harvest and allows farmers to hold produce in a packing house without further regulations. The smallest farms would continue to be exempted from many of the rules.

The organic industry had expressed concerns about the rules, especially because many organic farmers use raw manure as fertilizer and try to treat irrigation water with fewer chemicals.

"This approach has less potential to impose economic hardship on organic

farmers, while at the same time supporting the safest food supply in the world," said Gwendolyn Wyard of the Organic Trade Association.

The revised rules will also benefit brewers who sell leftover grain from making beer to ranchers and dairy farmers as animal feed. Brewers were concerned that they would have to comply with new rules for animal food – including testing, audits and other safety measures. The revisions clarified the brewers will not have to follow the animal food rules because they already follow rules for human food.

The food safety law marks the first time the FDA would have real authority to regulate food on farms. The agency said when it proposed the rules that they could cost large farms \$30,000 a year.

The law was passed by Congress at the end of 2010, weeks before Republicans assumed control of the House. Since then, many GOP lawmakers have said the rules are too burdensome for farmers. Some Democrats advocating for organic farmers have also been critical.

Supporters have said the new laws are needed after several high-profile food-borne illness outbreaks. While many farmers and food manufacturers already follow good food safety practices, the law would aim to ensure that all of them do. Government inspectors have pointed to dirty equipment, unsanitary conditions and animal feces as likely causes for salmonella, E. coli and listeria poisonings that have sickened hundreds in recent years. There are an estimated 3,000 deaths a year from food-borne illness.

The rules governing produce are already somewhat tailored to make the changes easier on farmers. They would apply only to certain fruits and vegetables that pose the greatest risk, like berries, melons, leafy greens and other foods that are usually eaten raw. A farm that produces green beans that will be cooked and canned, for example, would not be regulated.

In addition to regulating farms and food manufacturing facilities, the food safety law authorized more inspections by the FDA and gave the agency additional powers to shut down facilities.

The law also required stricter standards on imported foods.

The new proposal will have a 75-day comment period.

The FDA is legally required to finalize the rules by next year after being sued by an advocacy group last year for missing deadlines.



Judge Allison Forsyth selected the entry shown by Taylor Nikkel as the reserve champion breeding heifer at the Wabaunsee County Fair.

AUCTION

MONDAY, OCTOBER 13 — 1:00 PM
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See last week's Grass & Grain for complete details.

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USDA approves new modified corn, soybean seeds

(AP) – The Agriculture Department has approved the use of genetically modified corn and soybean seeds that are resistant to a popular weed killer.

However, farmers won't be able to take full advantage of the seeds until the Environmental Protection Agency issues a second ruling allowing the use of Enlist, a new version of the 2,4-D weed killer that's been around since the 1940s. The EPA has said it will rule this fall on Dow AgroSciences' application to market the chemical.

The agriculture industry has been anxiously awaiting the approvals, as many weeds have become resistant to glyphosate, an herbicide commonly used on corn and soybeans now. Herbicide-resistant seeds introduced in the 1990s al-

lowed farmers to spray fields after their plants emerged, killing the weeds but leaving crops unharmed.

Critics say they are concerned the increased use of 2,4-D could endanger public health and that more study on the chemical is needed. The USDA has said that if both the seeds and herbicide are approved, the use of 2,4-D could increase by an estimated 200 percent to 600 percent by the year 2020.

While the Agriculture Department only oversees the safety of the plants, the EPA oversees the safety of the herbicide for human and environmental health. The agency already has found the chemical safe for the public and agricultural workers.

The department said it

had decided to approve the seeds in an online posting first reported by Politico.

Groups lobbying the agency to prevent the herbicide's expanded use say they are concerned about the toxic effects of the herbicide and the potential for it to drift. Corn and soybeans are the nation's largest crops, and the potential for expanded use is huge.

"With this approval comes millions of more pounds of toxic herbicides dumped onto our land. It's an unacceptable outcome," said Andrew Kimbrell, executive director for Center for Food Safety.

Dow AgroSciences says the new version has been re-engineered to solve potential problems, like drift before and after the herbicide hits the plant.

"We've used the latest science and technology to address problem weeds," said Dow AgroSciences president Tim Hassinger.



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"Enlist will be a very effective solution, and we're pleased to have this technology one step closer to the farm gate."

The weed killer 2,4-D is now used on other crops, including wheat, and on pastures and home lawns. It is the world's most popular herbicide and the third most popular in the United States, behind atrazine and glyphosate.

If approved, the new version of 2,4-D would be used in combination with glyphosate.



The champion breeding heifer at the Wabaunsee County Fair was shown by Taylor Nikkel, Maple Hills Hustlers 4-H.

Kansas cattle on feed down 2 percent

Kansas feedlots, with capacities of 1,000 or more head, contained 1.95 million cattle on feed on September 1, according to the USDA's National Agricultural Statistics Service. This inventory was down 2 percent from last year.

Placements during August totaled 410,000 head, up 8 percent from 2013.

Fed cattle marketings for the month of August totaled 345,000 head, down 12 percent from last year. This is the lowest August marketings since the series began in 1994.

Other disappearance during August totaled 15,000 head, up 5,000 head from last year.

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COWS			
White City, 1 blk	1290@120.50	Ramona, 1 red	1135@100.00
White City, 1 blk	1545@120.00	Lincolnville, 1 red	1235@98.50
White City, 1 red	1510@119.00	White City, 1 rwf	1140@96.50
White City, 1 bwf	1535@118.50	White City, 1 rwf	1150@92.50
Lost Springs, 1 blk	1300@117.00	STEERS	
White City, 1 blk	1465@116.00	Florence, 6 mix	557@271.50
White City, 1 rwf	1535@113.50	Lost Springs, 3 blk	532@270.00
White City, 1 red	1430@112.50	Lost Springs, 10 mix	607@258.00
Lincolnville, 1 blk	1295@112.50	Florence, 9 mix	634@253.50
White City, 1 rwf	1380@111.00	Woodbine, 156 mix	721@246.75
White City, 1 red	1300@110.50	Woodbine, 93 mix	760@240.00
White City, 1 red	1245@110.50	Lost Springs, 5 blk	710@232.50
White City, 1 bwf	1245@110.00	Wichita, 32 mix	729@229.25
White City, 1 red	1290@107.00	Lincolnville, 69 mix	838@222.50
White City, 1 rmf	1125@107.00	Lincolnville, 136 mix	836@222.50
Wiley, 1 blk	1405@105.50	Lincolnville, 128 blk	887@222.10
Lincolnville, 1 bwf	1160@104.00	Woodbine, 4 red	751@222.00
White City, 1 blk	1215@103.00	Wichita, 15 mix	815@221.50
Herington, 1 grey	1165@102.50	Alta Vista, 2 blk	708@220.00
Lincolnville, 1 wf	1250@102.00	Ramona, 118 mix	864@217.75
Lincolnville, 1 blk	995@101.50	Ramona, 57 mix	864@217.75
Lincolnville, 1 blk	1160@100.00	Marion, 60 mix	833@217.10
		Tampa, 60 mix	875@214.35

Lincolnville, 90 mix 991@213.00
BRED COWS
Bred Cows Brought
\$1,500 to \$2,300

HEIFERS
Florence, 1 blk 545@246.50
Lost Springs, 2 blk 475@246.00
Lost Springs, 6 blk 541@245.50
Lost Springs, 5 blk 612@230.75
Woodbine, 13 blk 784@215.00

BULLS
Hillsboro, 7 blk 474@272.00
Enterprise, 1 red 290@271.00
Hillsboro, 3 blk 560@239.00
Walton, 1 blk 580@219.00
Enterprise, 1 blk 650@200.00
D'Hanis, TX, 1 blk 810@187.00
Enterprise, 3 mix 907@176.50
Hillsboro, 1 blk 1925@150.50
Hillsboro, 1 blk 1850@141.50

PAIRS
Pairs sold up to \$3,025

EARLY CONSIGNMENTS FOR OCTOBER 1:

- 14 mix steers and heifers, 400-500 lbs.
- 11 mix steers and heifers, 500-650 lbs.
- 51 black steers and heifers, 500-650 lbs., weaned & shots
- 90 mostly black steers, 800-850 lbs.
- 58 mixed steers, 825-900 lbs.
- 60 mostly black steers, 900-925 lbs.

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ESTATE AUCTION

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SATURDAY, OCTOBER 18 & SUNDAY, OCTOBER 19
½ mile east of WHITE CITY, KANSAS on Hwy. 4 (2055 W. Hwy. 4)



ANTIQUES & COLLECTIBLES:
Sandwich wood corn sheller & others; 1915 The Monitor Furnace Co. stove front; Vintage fire plug; Red Wing 20 gal. crock; Pittsburg 6 gal. crock; 2 beehive jugs; Myers water pump; Bowser Rol-Way Gas pump; 2 oil dispenser pumps & others; Coronado #17 cream separator (complete); McCormick Deering cream separator (complete); 2 New Perfection Kero Stoves; several coal buckets; copper boiler & others; small Old Coca Cola cooler; US standard platform scales; 1959 Fairlane 500 retractable hardtop toy car, battery powered; 1st Edition Jayhawks mod A coupe; 1957 Motor Max Chevy Bel Air die

SELLING SATURDAY, OCTOBER 18 ★ 9:30 AM

cast car; Ertl True Value 1944 Ford die cast truck bank; Ertl Agway 1917 Ford die cast mod T van bank; Limited Edition Century Hardware 1928 Chevy die cast truck bank; Ertl 1950 JD Chevy die cast pickup; 1917 Blish-Mize Ford mod T die cast van; Peters High Velocity, Hughes Tri Cone Bit, Canada Dry, DuPont crates & other crates; old child's metal wagon; several meat saws; 10' railroad passenger waiting bench; GE refrigerator w/ motor on top; Great Britain & Enterprise meat grinder & other grinders; Peanuts lunch box w/ thermos & other lunch boxes; graniteware; Ad tins; Marx train set; Zenith floor radio; Zenith wood case table top radio w/record player (works); Admiral wood case table top radio; Player piano w/20 rolls; Marx remote control police car; Maytag wringer washer; early elec washer; Singer pedal sewing machine;

Kraut cutters; 78 records in case; Warm Morning wood stove; blacksmith forge (902L); Trenton 100lb anvil (repaired); ornate iron bed; 1987 video game (The Battle of Midway 1943); Oak sideboard; Climax sewing machine stand; old 4 1/2' tall 3 drawer cabinet on wheels; US Army Television Branch TASC metal sign; Gooch's Best metal sign; Mark IV Air Conditioning metal sign; Majolica plate; Bavaria & German glassware; pattern glass items; and many other collectables & primitives not listed.

HOUSEHOLD ITEMS:
Whirlpool 21.7 cf refrigerator; Whirlpool 15 cf freezer; Crosley glass top stove; dinette set; glass top end table; many coffee table history books; pine 4 door display cabinet; clown & cat collection; KU items; older stereo cabinet; over 1000 new & pre-viewed DVDs & VCRs; several rack loads of household items.

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TRACTORS & EQUIPMENT (SELL AT NOON)

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MCCORMICK FARMALL TRACTORS

- ★ IHC Drott gas skid shovel (crawler) w/4 in 1 bucket (runs)
- ★ "A" wide front end (cracked block)
- ★ "F20" with V8
- ★ "F12" on steel
- ★ "B"
- ★ 3 "H" Farmalls
- ★ "F12" on steel modified
- ★ "C"
- ★ "F14" 1 front tire
- ★ 2 "M"s
- ★ "300"
- ★ 1953 Super "M" white grill, factory wide front w/belt pulley & fenders
- ★ Crawler made out of "F12" parts (runs)

OLIVER, AVERY & ALLIS CHALMERS

- ★ Avery w/belt pulley & single tire
 - ★ "70"
 - ★ "77"
 - ★ "AC" w/belt pulley runs
 - ★ "Super 55" w/3pt
 - ★ "77" dole loader w/factory front end
 - ★ 2 "77" for parts
 - ★ "WC" does not run
- THESE TRACTORS & EQUIP. HAVE BEEN OUTSIDE & DO NOT RUN**
- ★ 1934 JD "A" styled
 - ★ Farmall "reg"
 - ★ McCormick horse drawn cycle mower 5'
 - ★ IHC dump rack 12'



- ★ Single section spike rake
- ★ 10' tandem pull type disc
- ★ JD "H" on steel
- ★ Farmall "F20" FA57313 ser
- ★ IHC 2 row pull lister
- ★ Allis 2 row pull weeder
- ★ Buzz saw frame
- ★ JD #44 16' pull plow

Many other tractors for parts and other parts

ANTIQUE TRUCKS: (SELL AFTER TRACTORS) 1928 Chevy Truck flatbed 1 ton; 1926 Chevy truck stake bed 1 ton.

VEHICLES: 1997 F150 Super Cab truck; 2001 Mercury Villager Estate Van, 253844K.

ANTIQUE ITEMS & TOOLS: (10:00). All items below stored inside. Windcharger Sioux City Iowa wind generator w/14 batteries with lids & control panel, COMPLETE; 10 Exide nickel iron batteries in wood case; wood wheel lumber wagon; Engines: 2 Wisconsin single cylinder; Witte 2hp stationary gas engine; Maytag IH; Curtis single cylinder (vertical); LeRoi 4 cylinder gas engine; Waukesha Motor Co. USAF 4 cylinder gas engine; Allis Chalmers gas engine w/clutch; Wilton 6" heavy duty vise; windmill top parts; Monarch 4 1/2' metal lathe;



IHC F12 on yard pedestal for display. Power train runs by electric motor.



Dewalt radial alarm saw; vintage chain saws; 2 display boards of antique tools (over 100 tools per board) many Emerson, Sulkie & Gang, Syracuse; elec. Valve grinding unit; Duracraft band saw; Dake 202 mod. Press; bench drill press; Craftsman 10" direct drive table saw; 10" one man plane mill (complete); Clipper fanning mill; Prentiss commercial drill press; Grado #4 metal lathe; military port generator w/motor; #6 Koehring Mch. Co. pipe bender; jacks of all kinds.

TOOLS: Sears 1/2 hp grinder; Belsaw grinder w/stand; gas torch unit w/USG gauges; GE electric arc welder; 1/2 ton chain hoist; Craftsman shop vac; Craftsman circle saw blades in box; Craftsman 6" disk sander; Craftsman electric miter box; B&D bench grinder; battery chargers; belt sanders; several tool boxes; lots of scrap lumber (shedded); lots of used truck tires.



AUCTIONEERS NOTES: Mr. Hultgren had collected many of these items over the last 50 years and kept a mini museum for showing and displaying these items. This will be a large 2 day sale. We will be running 2 rings most of the time.

For complete listing & additional pictures go to ksallink.com click on Market Place then auctions or kansasauctions.net

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#8980a 2012 Bronze Chevy Equinox 2LT FWD **\$21,995 - 21k**

Get 0% Financing up to 60 months on all Remaining 2014 Buick Models with approved credit or these awesome cash incentives:



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Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday



FALL CLASSIC CATALOG HORSE SALE & COLT & YEARLING SALE

October 11-12th Sale starts @ 10 AM both days
F&R Futurity Friday, October 10th @ 12 Noon
Preview Friday, October 10th @ 6 PM
Selling 200 head ranch, rope, family horses Saturday, October 11th
Selling 200 colts and yearlings all eligible for the F&R Futurity on Sunday, October 12th.

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, GARREN WALROD & RUSTY TAYLOR

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

Receipts for the week totaled 2,770 cattle and 91 hogs.

STEERS		21 mix	Salina	618@256.50
300-400	\$300.00-\$314.00	3 red	Garden Plain	578@256.00
400-500	\$285.00-\$296.00	5 blk	Marion	670@255.00
500-600	\$265.00-\$274.00	19 blk	Abilene	652@253.00
600-700	\$245.00-\$259.50	8 blk	Gypsum	684@250.50
700-800	\$225.00-\$244.50	11 mix	Garden Plain	647@250.50
800-900	\$218.00-\$232.50	14 blk	Abilene	733@244.50
900-1000	\$198.00-\$214.50	12 blk	Barnard	721@243.50
HEIFERS		9 blk	Durham	710@241.50
300-400	\$285.00-\$300.00	36 mix	Minneapolis	700@241.50
400-500	\$250.00-\$261.00	10 blk	Marion	764@236.00
500-600	\$230.00-\$243.00	61 blk	Hope	801@232.50
600-700	\$226.00-\$234.50	66 mix	Carlton	796@231.25
700-800	\$210.00-\$228.75	59 mix	Minneapolis	782@231.00
800-900	\$190.00-\$209.00	8 blk	Canton	815@230.50
900-1000	No Test	34 blk	Valley Center	799@227.50
TUESDAY, SEPTEMBER 23RD		53 blk	Marquette	836@227.00
3B FALL BRED HEIFERS		64 blk	Barnard	850@226.00
BELOIT, KANSAS		63 mix	Assaria	835@222.50
25 red	\$3,500.00	29 blk	Valley Center	902@214.50
21 red	\$3,500.00	51 blk	Barnard	945@212.75
34 rwf	\$3,425.00	13 blk	Hope	948@210.00
15 red	\$3,400.00	58 blk	Hope	1018@206.50
71 red	\$3,400.00	HEIFERS		
22 rwf	\$3,300.00	1 bwf	Brookville	305@300.00
49 rwf	\$3,300.00	4 blk	Tescott	400@261.00
19 rwf	\$3,250.00	4 blk	Brookville	446@252.00
30 red	\$3,250.00	3 bwf	Brookville	437@251.00
15 red	\$3,200.00	5 red	Garden Plain	505@243.00
STEERS		3 blk	Beloit	527@239.00
1 blk	Brookville 320@314.00	84 mix	Marquette	620@234.50
1 red	Salina 355@312.00	3 blk	Hillsboro	545@234.00
2 blk	Brookville 365@312.00	47 mix	Abilene	677@233.00
1 red	Minneapolis 405@296.00	4 mix	Canton	641@231.00
5 blk	Brookville 431@294.00	6 blk	Ellinwood	640@231.00
2 blk	Tescott 425@291.00	13 blk	Barnard	646@230.00
2 blk	Hillsboro 428@285.00	6 char	Hillsboro	642@229.00
4 blk	Brookville 491@276.00	25 blk	Ellinwood	700@228.75
4 blk	Abilene 516@274.00	20 blk	Barnard	713@225.00
2 blk	Canton 610@262.00	8 blk	Durham	743@222.00
3 blk	Bennington 513@262.00	63 blk	Marquette	720@222.00
6 mix	Beloit 607@259.50	27 blk	Ellinwood	771@218.00
9 char	Hillsboro 634@259.00	14 blk	Gypsum	792@215.50

IN STOCK TODAY:

- Tripp Hopper Feeders
- Heavy Duty Round Bale Feeders
- 2- 6'8"x24 GR stock trailers

EARLY CONSIGNMENTS FOR THURSDAY, OCTOBER 2ND:

100 Angus strs & hfrs, 600-750 lbs., long weaned/vacc.; 30 bwf strs & hfrs, 550-700 lbs., select vacc. prevacc + program; 130 strs, 825 lbs., off grass; 500 mostly blk strs, 800-1000 lbs.

PLUS MANY MORE BY SALE TIME!

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.fandrlive.com

Jim Crowther 785-254-7385 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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Cattle Sale Broadcast Live on www.cattleusa.com 1150 KSAL, Salina 6:45 AM —MON.FRI ***** 880 KRVN 8:40 AM – WED.-THURS. *****550AM KFRM - 8:00 am, Wed.-Thurs.



Lot # 257



Lot # 64



Lot # 13



Lot #294



Lot # 57

67 mix	Hillsboro	773@215.00
5 mix	Wilson	820@209.00
5 blk	Gypsum	889@207.00

CALVES		
3 blk strs	Glen Elder	288@1,010.00
1 blk str	Minneapolis	265@925.00
1 blk str	Salina	225@925.00
1 blk hfr	Glen Elder	288@885.00
1 red str	Hutchinson	155@625.00
1 blk str	Potwin	75@460.00

COWS		
1 rwf	Abilene	1515@121.00
2 blk	New Cambria	1618@121.00
1 blk	Salina	1745@121.00
5 mix	Salina	1144@119.75
1 blk	Windom	1565@119.00
1 gray	Rush Center	1170@119.00
1 blk	Halstead	1530@117.00

BULLS		
1 char	Gypsum	1930@143.00
1 char	Gypsum	1845@143.00
1 blk	Rush Center	1865@141.00

1 blk	Minneapolis	1860@137.00
1 red	Tescott	2145@134.00
1 red	Minneapolis	2105@134.00
SOWS		
1 hamp	Sylvan Grove	560@53.00
2 mix	Rush Center	613@52.00
2 wht	Abilene	593@51.50
3 wht	Abilene	572@51.50
2 wht	Abilene	553@50.50

CLASSIFIEDS

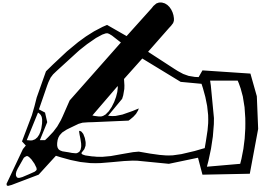
CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY

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



RATES AND DISCOUNTS

FIGURE YOUR COST HERE:

RATE: 65¢ a word.

Number of words: _____ @ 65¢ each

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

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Cost for _____ weeks: _____

DISCOUNTS: (with cash or credit card orders only)
deduct 10% if ad runs 2 or 3 weeks;
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Less discounts: _____

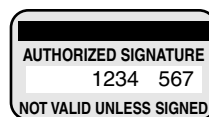
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V-Code _____ (required) last
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on the back of your credit card on
the signature panel.



Signature: _____

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FEED & SEED	MACHINERY
AUTOMOTIVE	EMPLOYMENT
REAL ESTATE	ANTIQUES
SERVICES	PASTURE
IRRIGATION	WANTED
HARVESTING	PETS
LIVESTOCK OTHER	
LIVESTOCK EQUIPMENT	
BUILDINGS-BUILDING MATERIALS	
BINS - DRYERS - VACS	
MOBILE HOMES	
SPRAY EQUIPMENT	
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WELDING	
MISCELLANEOUS	

REMINDERS

- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
- NO REFUNDS!
- BY PHONE: Ads not accompanied by payment have \$1.00 billing charge added, and discounts are not available.



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785-243-6397, cell
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jensenks@courtland.net

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Alcove Cattle Co.

For Sale:

Bred Angus cows
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Safe to calf around
April 1, 2015
Bred by son of SAV Pioneer
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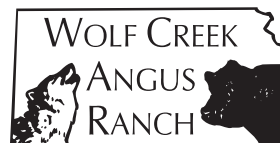
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Add meat, muscle, growth.
Heifers also available.

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132- MONTANA origin Angus Heifers A1 bred to calve. March 15 - 21, 2015. Bred to Compliant, Brilliance and #878. 90% Black and 10% Red. \$3,200/hd; 91- Montana origin Angus Heifers. Bull bred to calve April 6-14, 2015. \$3,100/hd. Call: Shawn, 620-583-9066 or Jim, 620-242-8193.

35 HEAD Bred Angus Heifers, pelvis evaluated, P.I. clear, all shots, start date Feb 20, extra fancy, very gentle disposition, moderate frame. 620-382-5402.

HEREFORD BULLS horned & polled, serviceable age, excellent EPD's, Fancy show heifer prospects, will deliver. Davis Herefords. 785-256-4643. 785-383-2493. Maple Hill, Kansas.



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Bull & Female Sale SAT., MARCH 14 2015



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NOVEMBER 10-14
DECEMBER 15-19



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641 West Hwy. 31
Garnett, KS 66032
785-448-3119

www.grahamschoolforcattlemen.com



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Open House
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Sunday, October 12th at Noon

Location: 6810 Washington Rd • McLouth, KS

For More Information Contact:

Tyler: 785-393-9192 Ken: 785-393-8604

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Bulls
Breed Leading \$ Index Values
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Young & Productive
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Pelletized, crude protein not
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2014 BROME hay, 55 net
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bales, average weight 983 lbs.,
\$70/ton; 2013 brome 100 bales,
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FEED & SEED

BROME SEED, 91% germina-
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SMALL SQUARES of brome,
\$4- \$5.50; alfalfa, \$4- \$7; prairie,
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per bale. Will load. Call 785-
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2014 PRAIRIE hay, big round,
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200 Bales of Prairie Hay for
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Bovine temperament: a feedlot focus

As a new load of weaned calves enters the feedlot, workers prepare to process the calves upon arrival. Processing would likely include vaccinating these calves to prevent respiratory disease and treating them for parasites, among other regular processing procedures. Many handlers would acknowledge that the calves with more docile, or calm, temperaments are much easier and safer to process.

Cattle producers of all types — from the cow-calf, stocker and feedlot sectors — historically have selected for and preferred to manage calmer animals not only because they are safer for handlers to be around, but they also seem to gain weight faster and have fewer health issues.

Recent research involving many universities, including Kansas State, examined the genetics of bovine temperament and how it relates to two important aspects of production: immune function, specifically animals' susceptibility to bovine respiratory disease (BRD), and carcass merit. It found, as previous research has also indicated, that temperament is a moderately heritable trait producers can select for in their herds.

Bob Weaber, beef breeding and genetics specialist for K-State Research and Extension and one of the researchers on the project, said this study showed that animals with a more favorable temperament gained better on feed compared to more excitable animals. Because of this, they were overall more mature at harvest and seemed to have carcass fat, which is desirable to an extent for better quality grades. But, at extreme levels, the extra fat is undesirable for both quality and yield grades.

Temperament and its relation to the disease component of the study was a little harder for the researchers to separate, he said, and yielded some somewhat surprising findings.

About the study
Weaber worked with many other researchers on the project that was led by Mark Enns, professor of animal sciences at Colorado State University. They collected data in 2007 and 2008 as part of a large study to look at the genetics of feedlot cattle health.

"It was an involved project in that it took a lot of human hands to pull off," Weaber said. "We processed data on more than 2,500 head of steers fed in southeast Colorado during those two years."

It took the researchers about five days to process the cattle upon arrival at the feedlot, he said. Ultrasound information helped the researchers determine the animals' body composition, both when they were placed on feed and at subsequent processing about 80 days into the feeding period. The researchers also collected temperament data at these times and monitored the animals closely for disease, specifically BRD, at all times.

The researchers measured temperament in two ways: chute score and exit velocity. The chute score

scale defined by the Beef Improvement Federation (www.bifconference.com/bif2012/proceedings-pdf/05randel.pdf) ranges from 1 to 6, where calmer animals are at the lower end and most aggravated cattle, the ones Weaber said "test every weld on the squeeze chute," are at the higher end.

"In this case, most of the animals scored 2, 3 and 4, which is typical of beef cattle categorization in the United States," he said.

Exit velocity was calculated based on the time it took an animal to cover a defined distance of six feet, after it was released from the chute.

Additionally, a blood sample from each animal was taken during processing to examine concentrations of cortisol and interleukin-8 (IL-8). High levels of cortisol indicate stress in cattle, while high levels of IL-8 show a more active or functional immune system, said Weaber.

Health component's surprising results
At first thought, producers might desire low levels of cortisol and high levels of IL-8 in their cattle, Weaber said, as these cattle would likely be calmer and have stronger immune responses. However, this study found that concentrations of IL-8 had a positive relationship with animals classified with BRD, while concentrations of cortisol had a strong negative genetic relationship with BRD—an interesting and unexpected finding of this study.

Weaber said he understands this finding to mean that a strong immune response could cost an animal a lot of energy. Animals with strong immune responses, and higher levels of IL-8, might generate fevers and have other negative responses that could affect performance.

"Animals that get sick, manage the disease in a more moderate way and tolerate the infection, versus have a large immune response, actually perform better," Weaber said. "These animals don't spend as much energy fighting the disease. They do it sufficiently, obviously, and survive the incidence of BRD."

The results of this particular project helped stem a larger U.S. Department of Agriculture project examining the genetics and genomics associated with BRD, he said. In this study (<http://www.brdcomplex.org/Index.html>), researchers are doing a series of inoculations on animals to make sure each one is exposed to BRD disease pathogens and then monitoring how they respond to it.

Another surprising finding of the research that challenged interpretation, Weaber said, was the second chute score observation on the animals that occurred 80 days into the feeding period, as it related to BRD incidence. The researchers found that animals of higher chute score, the ones with less desirable temperament, had a substantially lower incidence of BRD.

Observational data from past studies, he said, has shown that animals respond differently to han-

dling over time. Some animals acclimate to human handling when they have positive experiences and become easier to handle.

"I wonder if the animals that had BRD early in the feeding period, which is when most of them did, were handled more and had lower chute scores the second time around," he said. "That might create that inverse relationship we observed in the data."

Carcass merit somewhat expected
The researchers found that animals with genetics to be more temperamental, based on chute scores, typically had genetic merit for slightly heavier carcass weights, slightly larger ribeye areas, numerically lower, more favorable yield grades, but slightly worse marbling scores compared to calmer cattle. Those were all relatively weak relationships though, Weaber said.

Stronger relationships, he said, existed between carcass merit and concentrations of cortisol and IL-8 in the blood. These results were somewhat different than the relationships observed between carcass merit and temperament scores.

"We found animals that had genetic merit for elevated cortisol upon arrival at the feedyard were associated with genetic merit for lighter carcass weights at the end of the feeding period — an indicator they weren't expected to perform quite as well," Weaber said. "They also were genetically associated with slightly lower marbling scores and smaller ribeye areas."

IL-8 concentration from a genetics standpoint, he said, was positively associated with hot carcass weight and marbling score, meaning those cattle with higher immune response had the genetic potential to be heavier and fatter. IL-8 concentration did not have a relationship with ribeye area and had a slight positive genetic association with yield grade, meaning it related to less desirable, higher yield grades.

"All of this suggests that more excitable cattle will weigh and gain less throughout the finishing phase than their calmer peers," Weaber said.

Information you can use
Weaber recommends that cattle producers practice low-stress animal handling through Beef Quality Assurance (BQA) training. Being gentle and moving animals slowly pays dividends both in the learned behavior of the animals and the subsequent elevation levels of cortisol and stressors that impact an animal's immune function.

"The more things we can do right in handling of cattle above and beyond what their genetic predisposition may be certainly helps," he said.

More information is available in the 2014 Cattlemen's Day publication (<http://www.ksre.ksu.edu/bookstore/pubs/SRP1101.pdf>), available online through the K-State Research and Extension Bookstore. BQA training can be completed online at www.animalcaretraining.org.

Dry fields increase harvest fire risks

Dead leaves, stalks, husks, oil and fuel are never in short supply when harvest begins. They can ignite fires in fields, farm equipment, grain trucks and wagons.

As harvest season approaches, University of Missouri Extension specialist Kent Shannon reminds producers to think about prevention and preparation.

Shannon recommends checking fire extinguishers before harvest. Look for cracks in the hose and inspect the gauge to make sure it is properly charged. Once or twice a season, invert the extinguishers and shake them to loosen any powder inside that has been compacted by machine vibrations.

All equipment should carry at least one ten-pound, all-purpose dry chemical extinguisher. An extra 20-pound all-purpose extinguisher on the ground where it can be reached easily can provide extra protection.

If you have to use the extinguisher, remember "PASS," which stands for pull, aim, squeeze and sweep:

Pull the pin on the extinguisher.

Aim the nozzle at the base of the fire.

Squeeze the handles together.

Sweep from side to side.

Have a shovel handy to scoop dirt onto a fire, Shan-

non says. Carry one in the combine and in the grain truck. Carry a charged cell-phone to alert emergency services.

Trucks with exhaust systems below the chassis also can ignite field fires. Catalytic converters operate at high temperatures. Field fires sometimes start when a truck travels through a field. Flames may not be noticed for 15 to 30 minutes, Shannon said. Avoid truck traffic in fields when conditions for a fire are favorable.

If there is a fire, call 911 before trying to put the fire out yourself.

Shannon offers the following fire prevention tips:

Electrical systems

Keep wiring and fuses in proper operating condition

and position.

Properly route and insulate all replacement wires.

Use heat-resistant insulation.

Fuel systems

Regularly inspect fuel lines.

Keep fuel lines in good condition with tight connections.

Before refueling, always shut off the engine and let equipment cool for 15 minutes.

Never fill the gas tank near an open flame, while smoking or with the engine running.

Wipe up oil and fuel spills when they happen.

Mechanical operation

Use a pressure washer or an air blow gun to thoroughly clean machines.

Remove crop residue from rotating units.

Always inspect machines for dry plant buildup before operation.

Check lubricant levels often and grease fittings regularly.

Fix leaking oil, fuel or

hydraulic lines.

Check belts for proper tension and wear to reduce friction.

Check bearings for excessive heat. Overheated bearings are a major cause of combine fires.

Check valve covers for

oil leaks that can ignite as oil runs down manifolds.

Check for cracked or loose exhaust pipes and ports and check the manifold.

Look for leaks, damage or crop residue buildup on the exhaust system.

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BAILEYVILLE	10 HOL STR	\$510.00	BREMEN	6 BLK HFR	450@\$220.00
BAILEYVILLE	1 HOL STR	\$510.00	MARYSVILLE	2 BLK HFR	691@\$219.50
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HANOVER	1 BLK STR	415@\$329.00	WASHINGTON	1 BLK HFRETTE	940@\$149.00
BREMEN	3 XBRD STR	390@\$328.00	VERMILLION	1 RED HFRETTE	985@\$147.50
MANHATTAN	1 BLK BULL	430@\$325.00	FRANKFORT	1 RED HFRETTE	1,350@\$147.00
SENECA	4 XBRD STR	380@\$318.50	POMONA	1 RED HFRETTE	1,230@\$145.00
WATERVILLE	2 BLK STR	437@\$316.00	WESTMORELAND	1 BLK HFRETTE	955@\$145.00
MANHATTAN	1 BLK STR	390@\$310.00	WASHINGTON	1 BLK HFRETTE	1,210@\$143.00
TECUMSEH, NE	1 BLK STR	330@\$304.00	SENECA	1 BLK HFRETTE	905@\$139.50
WESTMORELAND	4 BLK STR	492@\$302.50	BAILEYVILLE	1 BLK HFRETTE	1,190@\$125.50
TECUMSEH, NE	3 XBRD BULL	375@\$302.00	WETMORE	1 XBRD HFRETTE	1,090@\$121.00
WATERVILLE	5 BLK STR	515@\$296.00	BAILEYVILLE	1 BWF HFRETTE	985@\$118.00
CENTRALIA	9 XBRD STR	512@\$296.00			
WESTMORELAND	3 BLK STR	511@\$294.00	COWS		
WATERVILLE	3 BLK STR	496@\$293.50	BLK COW	1,355@\$126.00	
SENECA	3 RED STR	481@\$291.00	XBRD COW	1,430@\$125.00	
WESTMORELAND	2 BLK STR	450@\$291.00	RED COW	1,495@\$124.50	
GARDNER	1 BLK STR	520@\$290.00	BLK COW	1,345@\$124.00	
BREMEN	12 BLK STR	562@\$284.00	BREMEN	1 BWF COW	1,365@\$124.00
WATERVILLE	1 BLK BULL	415@\$277.00	WATERVILLE	1 BLK COW	1,220@\$121.50
WESTMORELAND	1 BLK BULL	520@\$267.00	BREMEN	1 BLK COW	1,360@\$121.50
WATERVILLE	2 XBRD STR	547@\$265.00	WASHINGTON	1 XBRD COW	1,265@\$121.00
HANOVER	5 BLK STR	645@\$260.00	WASHINGTON	1 BLK COW	1,610@\$120.50
WATERVILLE	9 XBRD STR	581@\$259.00	BREMEN	1 BLK COW	1,255@\$120.00
WESTMORELAND	4 BLK STR	612@\$259.00	BREMEN	1 BLK COW	1,365@\$120.00
BREMEN	4 XBRD STR	597@\$257.00	VERMILLION	1 RED COW	1,030@\$120.00
WATERVILLE	1 XBRD STR	581@\$254.00	POMONA	1 BLK COW	1,725@\$120.00
WATERVILLE	3 XBRD STR	616@\$251.50	SENECA	1 BWF COW	1,060@\$119.00
CENTRALIA	23 XBRD STR	646@\$251.00	BLUE RAPIDS	1 BLK COW	1,460@\$117.50
BAILEYVILLE	13 BLK STR	645@\$245.00	BREMEN	1 BLK COW	1,265@\$116.50
RANDOLPH	10 XBRD STR	690@\$244.00	HANOVER	1 BLK COW	1,660@\$116.50
BREMEN	24 BLK STR	732@\$241.50	BLUE RAPIDS	1 BLK COW	1,760@\$115.75
GARDNER	6 XBRD BULL	611@\$240.50	GREENLEAF	1 CHAR COW	1,680@\$115.50
MARYSVILLE	27 XBRD STR	712@\$237.00	BREMEN	1 BLK COW	1,485@\$115.50
BREMEN	2 BLK STR	757@\$230.50	POMONA	1 RED COW	1,355@\$115.50
HANOVER	5 BLK STR	742@\$230.00	HANOVER	1 RED COW	1,720@\$114.50
SENECA	8 BLK STR	754@\$229.00	WASHINGTON	1 BLK COW	1,175@\$114.00
BREMEN	7 BLK STR	845@\$228.00	WATERVILLE	1 BLK COW	1,260@\$114.00
BREMEN	2 BLK STR	690@\$227.50	FRANKFORT	1 RED COW	1,715@\$113.50
WYMORE, NE	2 XBRD STR	752@\$220.00	HANOVER	1 BLK COW	1,815@\$113.50
RANDOLPH	14 XBRD STR	806@\$220.00	BREMEN	1 BLK COW	1,420@\$113.50
AXTELL	15 BLK STR	866@\$217.50	MORROWVILLE	1 BLK COW	1,560@\$113.00
GREENLEAF	10 BLK STR	867@\$217.00	WASHINGTON	1 BLK COW	1,595@\$113.00
BREMEN	1 RED STR	775@\$215.00	BREMEN	1 BLK COW	1,525@\$112.50
MARYSVILLE	6 XBRD STR	908@\$212.75	HANOVER	1 BLK COW	1,625@\$111.50
HANOVER	13 XBRD STR	908@\$212.25	FRANKFORT	1 RED COW	1,410@\$111.00
RANDOLPH	6 XBRD STR	940@\$212.25	FRANKFORT	1 BLK COW	1,460@\$110.50
SENECA	1 XBRD STR	680@\$212.00	HANOVER	1 BLK COW	1,535@\$110.50
BARNES	21 XBRD STR	812@\$212.00	HANOVER	1 RED COW	1,240@\$110.00
GREENLEAF	46 XBRD STR	972@\$210.50	CENTRALIA	1 BWF COW	1,250@\$110.00
SENECA	4 XBRD STR	707@\$210.00	HANOVER	1 BLK COW	1,305@\$109.00
GREENLEAF	47 XBRD STR	983@\$206.75	WASHINGTON	1 BLK COW	1,455@\$108.00
			BREMEN	1 XBRD COW	1,370@\$107.00
			BREMEN	1 BLK COW	1,640@\$107.00
			BLAINE	1 JERS COW	1,055@\$106.00
			BLUE RAPIDS	1 BLK COW	1,115@\$106.00
			CENTRALIA	1 BWF COW	1,410@\$105.50
			BREMEN	1 BWF COW	1,185@\$105.00
			BAILEYVILLE	1 HOL COW	1,475@\$104.50
			SUMMERFIELD	1 HOL COW	1,680@\$103.00
			CENTRALIA	1 BLK COW	1,240@\$102.50
			WATERVILLE	1 BLK COW	1,295@\$100.00
			SUMMERFIELD	1 HOL COW	1,520@\$100.00
			WATERVILLE	1 BLK COW	985@\$100.00
			HANOVER	1 RED COW	1,230@\$98.00
			FRANKFORT	1 JERS COW	1,155@\$98.00
			SENECA	1 BLK COW	1,005@\$98.00
			BARNES	1 RED COW	1,280@\$97.00
			BREMEN	1 BLK COW	1,305@\$94.00
			BREMEN	1 BLK COW	1,330@\$93.00
			FRANKFORT	1 BWF COW	1,390@\$93.00
			SUMMERFIELD	1 HOL COW	1,555@\$92.00
			BLAINE	1 BRWS COW	1,420@\$90.00
HOLSTEINS			ADULT BULLS		
DUNAVANT	25 HOL STR	409@\$246.50	WATERVILLE	1 BLK BULL	2,035@\$141.50
BAILEYVILLE	1 HOL STR	390@\$236.00	BAILEYVILLE	1 BLK BULL	1,600@\$137.50
DUNAVANT	20 HOL STR	422@\$232.00	VIRGINIA, NE	1 BLK BULL	1,670@\$137.00
FRANKFORT	10 HOL STR	402@\$231.50	WASHINGTON	1 BLK BULL	1,990@\$137.00
DUNAVANT	70 HOL STR	508@\$231.00	WATERVILLE	1 BLK BULL	2,240@\$135.00
BAILEYVILLE	14 HOL STR	451@\$225.00	OSKALOOSA	1 RED BULL	1,360@\$134.50
HIAWATHA	17 HOLX STR	523@\$223.85	SUMMERFIELD	1 BLK BULL	1,995@\$133.50
TURNER, MO	6 HOL STR	543@\$221.00	BAILEYVILLE	1 HOL BULL	1,655@\$130.50
BLUE SPRINGS, NE	6 HOLX STR	520@\$216.00	GARDNER	1 BLK BULL	1,425@\$130.00
HOLLENBERG	2 HOL STR	580@\$215.00	FRANKFORT	1 BLK BULL	1,770@\$127.00
BAILEYVILLE	23 HOL STR	493@\$214.00	BARNES	1 BLK BULL	2,290@\$120.50
BAILEYVILLE	4 HOL STR	596@\$212.00			
BAILEYVILLE	1 HOL STR	495@\$203.00			
SENECA	1 HOL STR	505@\$201.00			
HANOVER	28 HOL STR	668@\$198.25			
FAIRVIEW	13 HOL STR	660@\$198.00			
BAILEYVILLE	2 HOL HFR	405@\$195.50			
HANOVER	6 HOL STR	630@\$194.50			
BEATRICE, NE	9 JER STR	532@\$194.00			
ODELL, NE	1 HOL STR	690@\$188.50			
TURNER, MO	6 HOL STR	749@\$188.25			
SENECA	6 HOL STR	769@\$188.00			
SENECA	6 HOL STR	760@\$187.00			
CLIFTON	4 HOL STR	780@\$184.00			
MORILL	15 HOL STR	798@\$182.50			
SENECA	44 HOL STR	812@\$182.25			
BEATRICE, NE	1 JER STR	640@\$179.00			
MORRILL	21 HOL STR	835@\$177.25			
BAILEYVILLE	1 HOL STR	855@\$171.50			
SENECA	5 HOL STR	881@\$170.00			
BEATRICE, NE	1 HOL HFR	660@\$169.00			
HANOVER	1 HOL STR	1,000@\$151.50			
SENECA	3 HOL HFR	975@\$147.50			
HEIFERS					
MANHATTAN	3 XBRD HFR	286@\$318.00			
WESTMORELAND	7 BLK HFR	335@\$309.00			
WESTMORELAND	2 BLK HFR	440@\$290.00			
WATERVILLE	1 BWF HFR	430@\$281.00			
HANOVER	2 BLK HFR	457@\$280.00			
WATERVILLE	1 BWF HFR	440@\$279.00			
RANDOLPH	1 BLK HFR	435@\$277.00			
BREMEN	3 XBRD HFR	456@\$276.00			
WESTMORELAND	4 XBRD HFR	512@\$265.00			
WATERVILLE	8 BLK HFR	509@\$262.50			
WESTMORELAND	2 XBRD HFR	445@\$260.00			
WESTMORELAND	1 BLK HFR	390@\$254.00			
HANOVER	8 BLK HFR	570@\$253.00			
WESTMORELAND	11 BLK HFR	521@\$250.00			
BREMEN	3 XBRD HFR	526@\$245.50			
SENECA	5 XBRD HFR	525@\$242.50			
BREMEN	2 XBRD HFR	505@\$240.50			
RANDOLPH	2 BLK HFR	562@\$235.00			

EARLY CONSIGNMENTS FOR 10/2/2014

23 BLK STRS/HFRS 500-600#	WV HR	
50 BLK STRS/HFRS 500-600#	V HR	OG
31 MIX STRS/HFRS 550-650#	WV HR	OG
46 BLK & RED STRS	750-825#WV	OG
30 RED & BLK STRS	750-25#WV	OG
38 BLK STRS	800-850#	WV HR OG
115 MIX STRS	875-900#	WV OG
55 BLK STRS	900-950#	WV

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Tate Deever led the champion and reserve champion breeding goats at the Wabaunsee County Fair.

Seven Kansas schools receive \$100,000 in grants from Monsanto Fund

Kansas school districts have received \$100,000 in grants this year from America's Farmers Grow Rural Education, sponsored by the Monsanto Fund. The program partners with farmers to support rural public school districts with innovative approaches to teaching math and science. Given the technological progress in agriculture over the past 20 years, farmers are very aware of the need for superior math and science education, especially for students in their communities.

"Rural schools are typically underfunded, which can be reflected in the math and science curriculum offered," said Steve Baccus, president of the Kansas Farm Bureau. Baccus was selected to the America's Farmers Grow Rural Education Advisory Council and had a hand in selecting this year's winners.



The Little River-Windom School District was the recipient of a \$10,000 grant from the Monsanto Fund as part of the America's Farmers Grow Rural Education program.

"We need to ensure our children are exposed to outstanding math and science curriculum because everything we touch in our life is influenced by math and science, and agricul-

ture adds an important component to that education," he said. Winning districts have designed many innovative programs for use of the grant funds, including

greenhouse projects to provide students with a unique way to apply their math and science skills during project based learning. Other districts have also made a commitment toward invest-

ing in classroom technology.

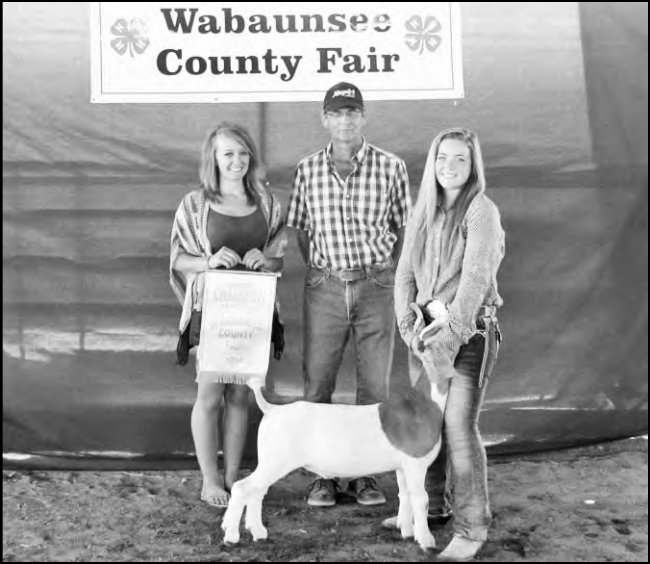
Pike Valley USD 426 in Republic County is investing in a greenhouse to broaden curriculum opportunities including a more hands-on approach to learning. As one of the \$10,000 Grow Rural Education grant recipients the district hopes to educate students on agricultural practices that impact the local farming community, while simultaneously building a rapport with their farmers. Their proposal includes a focus on hands-on science education. Produce from the greenhouse will also be incorporated into the school cafeteria's salad bar and in classroom projects.

The Grow Rural Education program starts with farmers, who can nominate a public school district in their community to apply for a grant of up to \$25,000. Once all of the school district applications are sub-

mitted, a panel of math and science teachers reviewed each application and selected finalists. An advisory council, composed of farmer-leaders with an interest in agriculture and education, then selects the winning grant applications from a pool of finalists.

The funding is utilized for math and science projects in grades K-12, to prepare students for a wider range of career prospects in an increasingly technology-driven workforce.

This program is part of the America's Farmers initiative, which partners with farmers to support education, service organizations and youth in rural America. Visit www.GrowRuralEducation.com to see the full list of winners for this year. A sister program, America's Farmers Grow Communities, is currently in its enrollment period. To sign up, visit www.GrowCommunities.com.



Judge Bill Toews selected the entry led by Laura Carpenter as the reserve champion market meat goat at the Wabaunsee County Fair.



Wabaunsee County Fair's champion mare was shown by Britt Michaelis, Newbury 4-H Club.



The champion gelding at the Wabaunsee County Fair was exhibited by Taylor Nikkel, Maple Hills Hustlers.

WINCHESTER GUN AUCTION
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 Celebration Hall — OTTAWA, KS
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USAID awards Kansas State University \$50 million grant to establish Feed the Future Innovation Lab

The U.S. Agency for International Development recently awarded Kansas State University a \$50 million grant to establish a Feed the Future Innovation Lab for Sustainable Intensification. The grant supports USAID's agricultural research and capacity building work under Feed the Future, <http://www.feedthefuture.gov>, the U.S. government's global hunger and food security initiative.

"Through our Feed the Future Innovation Labs, USAID is empowering the world's finest universities to help improve nutrition and end widespread hunger around the world," said USAID administrator Dr. Rajiv Shah. "By creating and scaling cutting-edge solutions to our most pressing agricultural challenges, we can help the world's most vulnerable people move from dependency to self-sufficiency — and out of the tragic cycle of extreme poverty."

"With four Feed the Future Innovation Labs now hosted by the College of Agriculture and K-State Research and Extension, USAID is making a nearly \$100 million investment in Kansas State University's ability to provide leadership to the global food systems research, teaching and Extension efforts," said John Floros, dean of the College of Agriculture at Kansas State University. Nina Lilja, associate dean of International Agricultural Programs and co-principal investigator for the lab, said, "USAID is recognizing Kansas State University's ability to develop and implement effective science-based international programs in agriculture."

Karen Burg, vice president for research and professor of chemical engineering, said, "The grant is a major win and a testament to the capabilities and long-standing commitment to agriculture shared by Kansas State University and the state of Kansas."

This newest Feed the Future lab will identify

technologies to help small-holder farmers in Africa and South Asia improve land, water, soil, crop and livestock management while simultaneously improving yields and sustaining natural resources. The lab will focus on countries in West Africa, east and south Africa, and South Asia.

"The research is mutually beneficial to both international and U.S. agriculture," said Vara Prasad, Kansas State University principal investigator who will serve as director of the lab. "We will be working on leading research and capacity-building of all our partners, including training graduate students, scientists and farmers."

Gary Pierzynski, univer-

sity distinguished professor and head of the Kansas State University agronomy department, is also a co-principal investigator of the lab.

This is the fourth Feed the Future Lab awarded to Kansas State University. Other labs focus on sorghum and millet research; applied wheat genomics; and the reduction of post-harvest loss. Currently there are 24 Innovation Labs led by 15 U.S. universities, with involvement from more than 60 U.S. colleges and universities in 39 states.

Feed the Future is working to scale-up proven technologies and activities, expand nutrition interventions and programs, and conduct research to create

the next generation of innovations that can change the lives of food producers and their families. In 2013, Feed the Future reached more than 7 million farmers and other food producers with new technologies and management practices on more than 4 million hectares of land, while reaching more than 12.5 million children with high-impact nutrition interventions that improve health and development.

The U.S. Agency for International Development is leading the U.S. government's efforts to end extreme poverty and promote resilient, democratic societies. For more information about USAID and its programs, please visit www.usaid.gov or on Twitter: @USAIDPress.



Grayce Morrison drove the champion market hog at the Wabaunsee County Fair, as selected by judge Kyle Coble.



Anna Carpenter exhibited the reserve champion gelding at the Wabaunsee County Fair.



Christopher Cain, Friendly Farmers 4-H, showed the champion dairy goat at the Wabaunsee County Fair. He is pictured with judge Bill Toews.

OCTOBER IS COOPERATIVE MONTH

Kansas Cooperative Council

70
1944 - 2014

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Please join Frontier Farm Credit in celebrating 70 years of the Kansas Cooperative Council.

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AUCTION

SATURDAY, OCTOBER 11 — 10:00 AM

We will sell the following antiques & personal property at the house, located at 1204 Elmer Street in HADDAM, KANSAS

ANTIQUES

Oak parlor table; walnut commode w/pineapple pulls; oak highback full size bed; walnut bed frame; 4 burner cast stove; wood pattern back rocker; wood desk; wood rocker; 4 pattern back chairs; oak clock shelf; oak shelf; oak wall mirror; wood half table; 2 hall trees; walnut corner cabinet; oak buffet; school desk cast & wood; oak commode; oak chair; Bentwood chairs.

ANTIQUES & PRIMITIVES

Consolidated hurricane lamp; New Haven kitchen clock; Noritake tea set; 40 kerosene lamps; 3 medicine lamps; 3 crock canning jars; 30 hat pins; 2 Astoria hat pin holders; asst. miniature lamps; Nippon mustache cup; Carnival bowl; hobnail; wood bucket; 2 Reflector lamps complete; 3 Aladdin electric lamps; copper Jardiniere; 2 finger lamps; Dazey churn top; churn jar; 3 gal. Diamond butter churn; salt crock; Hyde scales; cotton scales; 3 crock jugs; cast string holder; apple string holder; asst. granite i.e.: strainer, coffee pot, soap dishes, bowls, tubs; asst. lanterns; buggy whip; 2 ice tongs; 2 pan scrubbers; rug beaters; 6 flat irons; gas iron; asst. celluloid; 2 cast bill holders; Regular Repo wall clock; 2 state quarter collections; Lona malt machine; washboard; Repo Coffee signs;

chamber pots; asst. silverplate; china labelle jars; kraut cutter; hand cutter; well pump; cistern pump; asst. clear Depression; asst. cake plates; teachers bell; asst. bells; produce scales; hand seeder; Iron Brittany dog; 3 cast jars; asst. records; horse collar and hames mirror; tin match holders; corral; 3 harness hooks; Enterprise 20 meat grinder; Ironstone bowl & glasses; 2 cobbler sets; Liberty rope machine; spice jar; sled; coal bucket; meat saws; asst. Christmas; asst. cookbooks; cistern cups; asst. fancywork; pictures & frames; popcorn poppers; sugar jar; Stella guitar; 2 picture albums; quilts; cast kettle; asst. Homeland school books & Haddam books; 3 jewelry boxes; asst. figurines; Indian figurines; 2 ceramic pitcher & bowls; dress mannequin; 3 chamber pots; asst. stemware; asst. ornate frames; oval picture frames.

FURNITURE & MISC.

Whirlpool 21 cu. ft. crosstop refrigerator w/crosstop freezer, new; 15 cu. ft. chest type deep freeze; Crosley dryer; Maytag washing machine; microwave; recliner; rocker; blonde dresser w/mirror; arm chair; 5 metal folding tables; asst. Corningware; asst. pots & pans; utensils; Pyrex bakeware; cookie sheets & pie plates; silverware;

roasters; pressure cooker; juicer; Tupperware; 12 place stoneware; 30 cup coffee maker; coolers & thermoses; 2 electric fans; ice cram freezers; 2 pair binoculars; thread; crayons & color books; asst. books.

MOWERS & TOOLS

Craftsman LT 1,000 riding mower, 42" cut, 17 1/2hp B&S engine; Craftsman LT 2,000 mower, 18.6 OHV hp engine, 42" cut; weedeater; elec. air compressor; Stihl MS 191T 14" chainsaw; floor jack; Onan K3500 generator; Ryobi 18V sawzall; Die Hard battery charger; Dremel w/attachments; B&D circular saw; Craftsman mouse sander; Craftsman 3/8 & 1/4 socket sets; elec. grinder; bit sharpener; 90 wt. pump w/oil; alum ladders; sockets; combo & open wrenches; impact driver; elec. drills; elec. cords; bar & corner clamps; tin snips; crescents; levels; pipe clamps; bars; bits; screwdrivers; tap & die set; vise grips; hand saws; hatchets; hammers; asst. shovels & hand tools; log chain; sawhorses; wheelbarrow; pipe wrenches; axes; awls; block & tackle; hyd. jacks; car ramps; wedges; oil; great guns; come-a-long; gas cans; forks; tree trimmers; asst. other misc. too numerous to mention.

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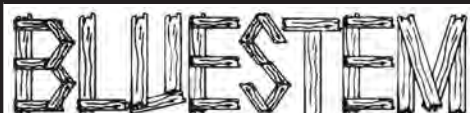
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Beef animal welfare views: U.S. public versus cattle producers

A main goal of research in any area is to address a knowledge or information gap. Although prior research has addressed the issue of animal welfare in certain areas—the swine and egg industries as examples—limited research currently exists comparing producer and consumer views of beef and dairy animal welfare, said Glynn Tonsor, livestock economist for Kansas State University. Tonsor, along with Melissa McKendree, a doctoral agricultural economics student at K-State and a team of veterinarians and animal scientists, have taken the lead in finding out more about the similarities and differences in U.S. beef producer and public views on animal welfare practices in the cattle industry.

The researchers note that all livestock industries, beef included, are faced with mounting pressure to adjust animal welfare practices in response to societal concerns. The intent of this project is to take information learned regarding animal welfare in the beef industry to pinpoint where producers in the industry might improve, identify areas for possible consumer engagement, and highlight existing points of agreement between producers and consumers.

In national surveys, cow-calf producers and consumers in the general public answered questions about their views of cattle animal welfare. Preliminary results indicated similarities in views between producers and the public, as well as knowledge gaps and differing views.

Public concerns

McKendree said a key finding in the study showed 65 percent of U.S. consumers reported they were concerned about the welfare of beef cattle in the

United States. And while most beef producers strongly disagreed that a tradeoff exists between profitability and animal welfare, consumers tended to believe that being more profitable means sacrificing on animal welfare.

“Producers believe there is a connection between profitability and animal welfare,” she said. “So, a healthy animal is going to be more profitable.”

Another major difference between the two groups was their views on providing overall care to cattle. While 73 percent of cow-calf producers believed that U.S. farms and ranches provide appropriate overall care to their cattle, only 39 percent of the public believed this to be true.

“We don’t exactly know the reason for this gap and what the views are, but one hypothesis is that there’s a difference in what consumers think appropriate overall care means,” McKendree said. “Appropriate overall care to consumers, for instance, might be related to using or not using antibiotics or hormones. Conversely, producers might think that overall appropriate care is making sure that (the cattle) are not sick, giving them appropriate feed and water, and protecting them from the elements.”

McKendree said these preliminary results show opportunities for cow-calf producers and the general beef industry to communicate with the public about practices on farms and ranches. Having a discussion about items such as appropriate care would help more clearly define it with expectations of both producers and consumers.

Common ground

While differences in views did exist, the study also showed producers and

consumers are on the same page on some items. Both groups (72 percent of producers and 57 percent of consumers) overall did not agree with statements indicating that low beef prices are more important than the well-being of cattle.

Both producers and consumers picked the same top three most effective and practical actions to improve animal welfare based on nine total options. Those top three selected include: provide access to fresh, clean feed and water appropriate for the animal’s physiological state; provide adequate comfort through the use of shade, windbreaks and ventilation assuring clean, dry, sanitary environmental conditions for cattle; and promptly treat or euthanize all injured or sick animals.

The survey showed 80 to 90 percent of producers said they have already implemented these top three selected practical applications on their operations.

“Out of all of the practices we investigated, those are probably the least hands-on that would need to be changed on the farm or ranch within in the industry today,” McKendree said, while noting that requiring

employees to complete a consistent training program, castrating and dehorning with pain control, requiring third-party verification that appropriate animal care is being provided on the farm, and developing a herd health plan with a veterinarian are examples of more hands-on changes that were listed and did not rank as high.

Futuristic look

Tonsor said one of the “take-homes” from the study is that the issue of animal welfare is in the eye of the beholder and includes many different practices: providing pain control, using antibiotics, and providing adequate feed and shade as some examples.

“There’s a growing list of third-party verifications that are available to verify that proper animal welfare is in place at different stages in the cattle industry,” Tonsor said.

He added that these verifications could allow for broader marketing claims on animal welfare, such as certified labels on retail meat products. “I envision our work, once it’s analyzed and out for full public dissemination and absorption, to be useful as supplemental input in guiding the pri-

oritization of those protocols and third-party efforts.”

The items of agreement between the public and producers would be comparatively easy to add to those third-party verifications, Tonsor said. A bigger challenge, but just as important, is incorporating and addressing those areas of disagreement between the public and producers today.

“That’s where our work comes in, highlighting some of those issues or on-farm practices that might be ei-

ther a threat to the industry with no action required or an opportunity to get the public up to speed with producers,” he said.

The study was made possible by a grant from the U.S. Department of Agriculture. The preliminary findings were presented at the 2014 K-State Risk and Profit Conference in Manhattan Aug. 21-22. View details of the presentation at K-State’s Ag Manager website www.agmanager.info/events/risk_profit/2014/Papers/8_McKendree-Tonsor_AnimalWelfare.pdf.



The grand champion market lamb at the Wabaunsee County Fair was shown by Cara Flach, Newbury 4-H Club. Zane Green, Happy Valley 4-H, showed the reserve champion market lamb.



Kaylee Lukert drove the reserve champion market hog at the Wabaunsee County Fair. Kyle Coble judged the event.



Zane Green, Happy Valley 4-H Club, led the reserve champion breeding ewe at the Wabaunsee County Fair.

LAND AUCTION

FRIDAY, OCTOBER 31 — 10:00 AM
Community Building — GOFF, KANSAS
80 ACRES m/I NEMAHA COUNTY, KANSAS

LOCATION: From Goff, 1.5 miles East on 56 Rd. then 4 miles North on S Rd. (Northeast corner of 88th & S Rd.) Mixed grass, 22.6 acres are classified as Kennebec, (Class I) soil. Land also offers hunting along small wooded creek. Located in trophy whitetail region. Pasture is watered by a small creek and pond.

WATCH UPCOMING ISSUES OF GRASS & GRAIN FOR FULL DETAILS. Contact Auctioneer for more information or if you would like assistance inspecting the property.

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AUCTION

SATURDAY, OCTOBER 4 — 9:30 AM
1630 Killdeer - HOWARD, KANSAS

TRACTORS & EQUIP.: (sells approx. 1:30 pm) 1964 JD “3020” gas tractor w/Farm Hand loader.
TRAILER, LVST. EQUIP.: Factory 6x16 bumper hitch stock trailer; port. loading & roping chutes.
SADDLES, TACK (sells approx. 11 am) 1958 Bob Marrs Stockmans adult saddle; Circle Y adult saddle; other saddles, tack.
ATV, RIDING MOWER, TRAILER: 2000 Arctic Cat 4x4 ATV; 2004 Craftsman rider, 42” deck.
GUNS, AMMO: (sells approx. 12 noon) Approx. 26 pistols, rifles, shotguns: Rugers; Colt; (4) Smith-Wesson; Winchester; German; Mossberg; Blk Pwdr. musket.
FURNITURE, APPLIANCES: GE 19.6 cu. ft. side-by-side w/ice in dr.; Frigidaire 17 cu. ft. upright freezer.
ANTIQUES, COLLECTIBLES, GLASSWARE: Sev. pcs. cast iron; crocks; local business adv. items.
CHAIN SAWS, LAWN & GARDEN: Stihl chain saws; Pioneer chain saw; ladders; metal barrels.
TOOLS & MISC.: Tool boxes; work benches; bench top elec. tools; Craftsman sockets; hand tools.
LARGE AUCTION. Lunch. Port-a-Potty.

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WALTER AUCTION SERVICE
620-374-2655 — HOWARD, KS
Auctioneers: Gene Walter & Dean Patterson
For complete listing & pictures: www.alanjohnsonrealty.com

AUCTION

SUNDAY, OCTOBER 5 — 12:30 PM
35910 W. 263rd — PAOLA, KS 66071
(Selling due to the death of Kenneth Nelson and the closing of our Paola feedlot.)

TRACTORS: ‘05 Case IH MXM130 MFD w/ KMW Ldr 3566 hrs; ‘82 IHC 5288 w/duals, 5438 hrs; IHC 1086 w/Great Bend 760 ldr, 3651 hrs; IHC 856, 7653 hrs, Ford 5000, 2410 hrs.
TRUCKS: ‘94 Ford Aeromax Truck 745K miles, 10sp trans, day cab, 425hp Cummins; ‘93 Ford 250 4x4 Dsl w/ fltbd, 250K, auto; ‘69 Ford 10-whl Truck w/ 24ft. grain bd, sides 48”, 105K mi; ‘73 Chev Dump Truck, twin screw, 48.5 sp, V8; ‘90 F150, new trans, alt, rad, batt & tires, 34K on new mtr.
TRAILERS & ATVs: ‘03 Circle D 24’ Stock Trlr, 1 divider door, good tires; ‘02 24’ Indm Flatbed, wood deck, 20’ w/ 4’ dt; Titan 24’ Flatbed-ramps, folding 4’ dt, Trim 48’ Fltbd, wood deck (some damage), sliding axle; ‘06 Bombardier 400G ATV, 2-seat, low hrs, ‘00 Polaris 325 2x4 ATV, needs batt, ‘05 Honda 4x4 ATV.
EQUIPMENT-CATTLE, HAY & MISC FARM: 2yr old Kuhn Knight 5168 Vertical Maxx Mixer, twin screw; ‘95 Hesston BP25 Bale Processor; Grain-O-Vator (2 units); NH 355 Grinder Mixer; ‘97 Westfield 8” x 61” Auger; NH Manure Spreader 512; JD 727 15’ Rotary Mower; Stroberg Tub; 2-Squeeze Chutes-Palco 3 comp, self cont, portable, palp & Titan, lifetime floor, palp; 20+ pcs continuous in-line cement cattle feeders; livestock chute & head gate; 25T Overhead Bin, stand alone, split comp; Car Port; Lots of Tires; Boxes of Misc.

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Sale held at Peabody Senior Center — 106 Walnut (Main Street), PEABODY, KS

LAND LOCATION: 30 minutes Northeast of Wichita, between Newton & Peabody.

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LIVING ESTATE SALE

LUCILLE (MRS. RUSSELL) JEVONS
FRIDAY, OCTOBER 3 — 3 to 7 PM
SATURDAY, OCTOBER 4 — 8 to 4 PM
204 7th Street — WAKEFIELD, KS

FURNITURE: Mastercraft sofa; solid wood double dropleaf dining table with leaf & 4 chairs; small solid wood china cabinet; mid-century modern full size bedroom set with bookcase headboard; double dresser with mirror & chest of drawers; dark wood dresser with mirror; queen size Serta mattress & boxsprings; glass door display cabinet; wood desk; small 2-piece china/display cabinet with sliding glass doors; 5 chest of drawers; several bookcases; 2 door wardrobe; small double dropleaf kitchen table with 2 chairs; ‘60s kitchen table with 2 leaves & 4 chairs; antique farmhouse kitchen cupboard with glass doors; small lowboy oak dresser with wishbone oval mirror; antique oak end table; frieze couch & chair; old metal kitchen cabinet base with enamel top; old metal kitchen wall cabinet; old wood folding farm harvest table; 3 folding wood slat chairs; tall metal storage cabinet; 2 large metal tall lockers; metal pattern cabinet; 2 old kitchen stools; old double dropleaf rolling kitchen cart; floor & table lamps.

APPLIANCES: Nice older Maytag washer & dryer; old Philco refrigerator.

GENERAL HOUSEHOLD: Singer Model 301 sewing machine with case; Singer Model 401A sewing machine with case; vintage folding sewing

machine table; lots of kitchen-ware, small kitchen appliances, bakeware; Corolle dish sets; Pyrex & Corningware; silverware; glassware; home decoratives; bed, bath & kitchen linens; fancywork; books of all kinds; home health equipment; VHS player; luggage; Christmas & holiday decorations; fans; dehumidifier; totes; child’s little red metal wagon.

GLASSWARE & COLLECTIBLES: 1 old Emerson fans; several sets of silverplate silverware; American Fostoria; carnival glass bowl; days of the week angels; Roseville & Hull vases; Fenton glass; other pressed glass; antique Curtis Candy general store jar with metal lid; old Farmall owners manuals; old tin reading book; Winchester model 1892 rifle barrel; frozen Charlie in bathtub; ‘50s GMC Buddy L fire truck; Marx tin litho US Army truck; old Nylint True Value pickup; old train; vintage quilt; Polar Star wool blanket; embroidered pillowcases & flour sack towels.

TOOLS, LAWN & GARDEN: Garden bench; lawn chairs; garden tools; old galvanized tub; wood ladder; Master Mechanic tool chest & cabinet; automotive & carpentry hand tools; old shop manuals; fishing poles & tackle; 4 good metal shelves; wood work bench; small block Chevy parts.

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kansasfinderskeepers.blogspot.com
QUESTIONS? Stephanie Avery, Sales Manager, 785-632-7304

ASA encourages soybean farmers to safeguard export markets through proper grain stewardship

As the soybean and corn harvest hits full stride in much of the nation's growing regions, the farmer-leaders of the American Soybean Association remind farmers to do their part by taking extra care to keep biotech traits that are not yet approved in key export markets out of normal grain marketing channels. For those soybean farmers that also produce corn, this includes keeping biotech corn traits that are not yet approved in China, such as MIR 162 and Duracade, out of normal commodity streams so that U.S. soybean shipments to China aren't at risk of rejection due to the presence of unapproved corn traits.

"China is U.S. soy's biggest customer, buying more U.S. soybeans than all other foreign customers combined," said ASA president and Corning, Iowa, farmer Ray Gaesser. "With a record U.S. soybean crop ready for harvest, we need to ensure that U.S. soy exports aren't disrupted. Farmers growing biotech corn traits that aren't yet approved in China need to follow stewardship agreements carefully, ensure thorough equipment clean-out, and only market their grain in approved domestic channels."

In the current marketing year, China has imported nearly one-third of all U.S. soybeans produced and U.S. soybean exports to China total over \$14 billion.

The National Corn Growers Association (NCGA) has been working with Syngenta and reminds farmers about the need to keep Duracade technology out of export channels. NCGA also has urged farmers to recheck seed plots grown on their farms to verify the traits grown and to ensure that traits that are unapproved in China are stewarded to appropriate channels.

"As American farmers, we are particularly fortunate to work with so many innovative technology partners, each of whom provides us with revolutionary technology in the field. Unfortunately, some approval systems around the world, including China's and the European Union's, aren't working as timely as we'd like," said Gaesser. "Because of this, farmers have to take extra steps—especially now during the harvest season—to be sure that seed bearing these traits doesn't find its way into their commodity grain loads. It's also worth noting that the margin of

error in this case is extraordinarily slim. Only a few kernels of corn with unapproved traits are more than enough to reject the entire shipment."

The reminder comes following several export disruptions caused by the rejection of grain shipments in foreign markets upon the detection of unapproved biotechnology traits.

"We remain frustrated with the pace and murkiness of regulatory approvals in some of our ex-

port markets, but we also recognize that the rules are the rules in those markets, and we have to respect them. That means that we simply can't send grain with traits that aren't yet approved," added Wade Cowan, a producer from Brownfield, Texas, and ASA's first vice president. "Every necessary precaution needs to be taken by originating trait providers and seed companies, and then on our farms, at the elevators, at terminals and at ports, to

prevent seed with unapproved traits from entering the supply chain. The longer term answer, of course, is a more efficient and transparent system of foreign approvals, and a global policy to allow for the low level presence of biotech traits that are fully approved in a producing market but not yet ap-

proved in an export market."

ASA is working to improve the marketability of U.S. biotech crops both individually as an organization and in cooperation with other farm, trait, seed, grain, and grain processing organizations through the U.S. Biotech Crops Alliance.



The reserve champion market beef at the Wabaunsee County Fair was shown by Taylor Nikkel, Maple Hills Hustlers 4-H Club. Allison Forsyth judged the show.



Caiden Musick, Maple Hills Hustlers 4-H, led Wabaunsee County Fair's champion breeding ewe, as selected by judge Bill Toews.

Eureka Livestock Sale

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

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

On Thursday September 25, we had 908 hd of cattle on an active market.

STEERS			
14 bk red	465@321.00	6 bk	769@232.00
7 red	364@314.00	7 bk	673@232.00
5 bk	489@282.00	8 bk gray	758@227.00
24 bk char	527@280.50	8 bk	811@224.00
3 bwf	532@268.00	12 bk bwf	799@224.00
7 red	524@260.00	9 char-x	421@281.25
13 bk bwf	574@253.00	23 bk red	472@276.00
3 bk bwf	632@251.00	3 red	305@275.00
3 bk	650@251.00	6 bk bwf	447@264.00
6 bk	674@249.00	8 bk rbf	532@259.00
13 red	581@248.00	11 red	479@248.00
16 bk bwf	672@247.75	35 bk bwf	647@247.75
19 bk bwf	682@234.50	20 bk bwf	561@239.25

BUTCHER COWS: \$85-\$124.75, mostly \$105-\$120, \$1-\$2 lower

BUTCHER BULLS: \$123.75-\$144, mostly \$137-\$142

PREG. COWS: \$1,350-\$2,130

PAIRS: \$2,750-\$3,025

BUTCHER COWS			
1 limo	1355@124.75	3 bk bwf	1705@121.50
1 bk	1505@123.50	1 char	1475@121.50
1 bk	1510@123.50	1 brangus	1645@121.00
2 bwf	1560@122.75	3 bk	1378@120.25
		3 bk	1460@120.00

Early Consignments for October 2:

- 40 black/bwf steers and heifers, 600-700 lbs., weaned 60 days
- 45 black/red steers and heifers, 500-600 lbs.

Special Calf Sale on October 16.

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Ron Ervin - Owner-Manager

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Mobile Cell 620-750-0123

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Mobile Cell 620-750-0222

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400-500 lbs. \$130.00-\$135.00

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450-500 lbs. \$140.00-\$145.00

500-550 lbs. \$135.00-\$140.00

- Calves will be mixed color (black, red, char crosses) unless ordered otherwise
 - All blacks upon request add \$5.00
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 - Will buy back as yearling
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Market Report - Sale Date: 9-25-14. Head Count: 1874

300-400 lb. steers, \$230-\$345; heifers, \$220-\$307; 400-500 lb. steers, \$210-\$313; heifers, \$190-\$283; 500-600 lb. steers, \$190-\$275; heifers, \$180-\$278; 600-700 lb. steers, \$185-\$252; heifers, \$175-\$241; 700-800 lb. steers, \$175-\$243.50; heifers, \$165-\$222.75; 800-900 lb. steers, \$170-\$223. Trend on Calves: Choice steer and heifer calves, \$3-\$5 higher. Trend on Feeder Cattle: Feeder steers and heifers, steady to \$3 higher. Butcher Cows: High dressing cows: \$110-\$120.50; Avg. dressing cows: \$95-\$110; low dressing cows, \$70-\$95. Butcher Bulls: Avg. to high dressing bulls, \$125-\$148. Trend on Cows and Bulls: Butcher Cows, \$3-\$5 lower; Butcher Bulls, steady.

CONSIGNED FOR OCTOBER 2ND:

- 60 black spring calving cows, 6-10 years old, bred to Horned Hereford bulls
- Purebred black Simmental bull, 18 mths old, Trich & semen tested
- 100 blk/bb Fancy homeraised calves, 550-600 lbs. complete round of Pre-weaning shots
- 65 black steers and heifers, 500-600 lbs., shots
- 42 mix steers and heifers, 400-500 lbs.
- 85 steers and heifers, 450-575 lbs.

We welcome your consignments!

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(316) 322-0675 (M)	(620) 222-1199 (M)
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BELLEVILLE 81 LIVESTOCK SALES

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CATTLE SALES EVERY FRIDAY • 10:30 AM

Sept. 26 Slaughter Cows, \$105-\$126

STEERS	HEIFERS
400-500 lbs. \$300.00-\$311.00	490-600 lbs. \$245.00-\$271.00
500-650 lbs. \$243.00-\$284.00	600-700 lbs. \$240.00-\$244.00
670-720 lbs. \$242.00-\$247.75	973 lbs. \$201.00

Results Goat-Sheep Sale

September 27. Large Run.

KID GOATS

30-55 lbs. \$215-\$230

60-85 lbs. \$180-\$215

SLAUGHTER NANNIES

\$101-\$160

SLAUGHTER EWES

\$64-\$80

LAMBS

68-90 lbs. \$185-\$190

FAT LAMBS

110-161 lbs. \$158.50-\$166

Calf & Feeder Sale, Friday, October 3rd:

73 xbred strs, off grass: 50 = 1050-1100 lbs.; 23 = 900-950 lbs.; 60 blk strs, 825 lbs.; 35 xbred strs, 850 lbs.; 80 xbred hfrs, 800 lbs.; 53 blk strs & hfrs, 800-950 lbs., home raised; 55 blk, 550-650 lbs.; 50 blk/red 450-650 lbs.; 100 blk, 450-625 lbs.; 40 xbred, 400-600 lbs.

GOAT-SHEEP SALE SATURDAY, OCTOBER 25TH • 3:00 PM

300 lambs, 60-80 lbs.; Dispersal: 90 Boer Nubian goats; 11 Boer nannies, 3 yrs. bred; 40 Boer, 60-70 lbs.; 100 lambs, 65-90 lbs.; 60 fat lambs.

Special Calf Sales October - November
Special Bred Cow Sales November - December

If you have cattle to sell please call anytime!
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Livestock Auction every Tuesday at 12 NOON
Serving the Midwest Livestock Industry for 62 Years!
****STARTING TIME: 12:00 NOON****

MARKET REPORT FOR TUESDAY, SEPTEMBER 23, 2014
RECEIPTS: 879 CATTLE

STEERS			
8 blk str	353@327.50	3 blk hfrs	373@295.00
1 blk bull	285@315.00	4 blk char hfrs	382@287.50
1 blk male	440@315.00	3 blk hfrs	445@278.00
3 blk str	421@300.00	7 blk hfrs	400@277.00
6 blk bwf str	505@297.50	5 blk hfrs	443@272.00
10 blk char str	448@297.50	15 blk hfrs	489@246.00
3 blk bulls	475@295.00	17 blk hfrs	557@246.00
6 blk str	434@295.00	4 blk bwf hfrs	531@243.00
5 blk bwf bulls	516@289.00	5 blk hfrs	557@243.00
11 blk str	419@289.00	10 blk char hfrs	492@240.00
5 blk char str 1b	528@286.00	6 bwf hfrs	510@239.50
7 blk str	522@286.00	7 blk hfrs	480@236.00
9 blk str	531@285.00	5 blk hfrs	568@235.00
16 blk str	616@270.00	7 blk hfrs	525@235.00
5 blk bwf str	594@269.00	7 blk hfrs	606@235.00
6 blk str	591@269.00	10 blk hfrs	611@235.00
7 blk str	636@264.00	7 blk hfrs	617@232.00
7 mix str	441@264.00	8 blk hfrs	784@225.00
7 blk bwf str	630@257.00	6 blk bwf hfrs	704@220.00
5 blk str	613@254.00	65 blk hfrs	859@209.25
7 blk str	642@250.00	BRED COWS	
6 blk bulls	550@249.00	1 blk cow 2yr 3pr	1320@2,400.00
8 blk str	726@242.50	1 blk cow 2yr 2pr	1110@2,325.00
9 mix str	746@239.00	2 blk cows 5yr 3pr	1627@2,300.00
5 blk str	695@237.00	4 bk cws 2-3yr 1-2pr	1072@2,210.00
9 blk str	765@235.00	4 bk cws 7-8yr 2-3pr	1588@2,100.00
5 hols x str	600@224.00	5 bk cws 7-8yr 2pr	1341@1,850.00
7 blk str	760@222.25	2 blk cows A 2pr	1377@1,700.00
2 red hols str	787@211.00	1 blk cow A 3pr	1285@1,600.00
4 mix str	958@205.00	1 jers cow 1yr 3pr	855@1,575.00
4 hols str	613@202.00	1 rwf cow A 2pr	1235@1,475.00
3 hols str	588@197.00	9 blk cows A 1-2pr	1163@1,460.00
2 hols x str	572@191.00	COW/CALF PAIRS	
3 hols str	730@179.00	1 char pair 2yr	1305@2,700.00
2 hols str	1225@141.00	1 blk char pair 6yr	1615@2,450.00
HEIFERS			
4 blk hfrs	352@310.00	1 red blk pair 3yr	1315@2,025.00
6 blk hfrs	324@310.00	2 red blk pairs A	1342@1,840.00
		1 red pair	1285@1,700.00

SATURDAY, OCTOBER 4--9 A.M. MACHINERY & MISC.
CONSIGNMENT AUCTION. FOR FULL LISTING & PICTURES
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Dairy that had filed for bankruptcy rebounding

(AP) – A northeast Kansas dairy that filed for bankruptcy protection in 2012 is rebounding, with nearly 100 cows currently churning out milk at the farm near Tecumseh.

Iwig Dairy, a family farm, which has been raising cows since 1910, expanded into processing and bottling milk and selling it in retail stores in 2005. Then a long drought began, driving up feed prices for the farm's animals, prompting its owners to file for Chapter 12 bankruptcy in 2012, which was designed for financially distressed family farmers.

The farm's milk is produced in small batches with a low-heat pasteurization process and the various flavors of milk,

such as strawberry and chocolate, is sold in reusable glass bottles. The milk, along with ice cream and butter, are sold only at stores on the farm, in Lawrence and in Topeka.

Owner Tim Iwig told the *Topeka Capital-Journal* that he has considered producing other dairy products, such as yogurt and sour cream, but will focus on the farm's best sellers for now.

The farm also sells raw milk, which Iwig contends is safe to drink.

"A lot of people think that they're lactose-intolerant, but a lot of people are intolerant to high-temperature pasteurized milk," he said. "They can drink low-temp or raw and be fine."

Midyear 2014 U.S. ag equipment exports drop 27 percent

U.S. agricultural equipment exports dropped 27 percent during the first half of 2014 compared to midyear 2013; \$4.77 billion in exports were shipped to global markets compared to \$6.53 billion at first-half 2013, according to the Association of Equipment Manufacturers (AEM).

The AEM off-road equipment manufacturing trade group produces global trends reports using U.S. Commerce Dept. information to assist members' business planning.

All world regions experienced declines, from South America with a drop of 8 percent to Asia, with a 35.7-percent decrease in purchases of U.S.-made agricultural machinery.

At midyear 2014, exports of agricultural machinery to Europe declined 26.9 percent compared to first-half 2013, for a total \$1.21 billion, and exports to Canada dropped 34.3 percent to total \$1.55 billion.

Exports to Asia declined 35.7 percent to \$420.7 million for the first half of 2014. Mid-year exports to Central America decreased 12.5 percent to \$528 million, and exports to South America declined 8 percent to \$528.5 million.

Australia/Oceania's agricultural equipment export purchases dropped 22 percent for a total \$360.9 million, and Africa took delivery of \$168.7 million worth of agricultural equipment, a 23.4-percent decrease.

The top countries buying U.S.-made agricultural machinery for the first half of 2014 were: (1) Canada - \$1.55 billion, down 34.3 percent; (2) Mexico - \$442.6 million, down 15.1 percent; (3) Australia - \$321.9 million, down 24.9 percent; (4) Brazil - \$230.1 million, down 11.9 percent; (5) China - \$208.5 million, down 27.8 percent; (6) Germany - \$175 million, down 36.2 percent; (7) Russia - \$154.9 million, down 15.6 percent; (8) Ukraine -

\$144.1 million, down 0.3 percent; (9) France - \$116.2 million, down 40.8 percent; (10) South Africa - \$113.6 million, down 27.1 percent.

Riley County soil health workshop to be held in Leonardville Oct. 8

The Riley County Conservation District in conjunction with the Manhattan Field Office NRCS will be hosting a follow-up field day to their Soil Health Workshop held last spring. It will be held October 8 at Nelson's Landing in Leonardville. This field day will expand upon the discussion began earlier this year with professional speakers and a visit to the cover crop plots planted this summer.

The day will begin at 9:00 a.m. at Nelson's Landing in Leonardville with presentations from local soil health and cover crop professionals. Speakers will include Dr. Ignatio Campiti with Kansas State University; Dwayne Rice, Range Management Specialist, NRCS; Kris Ethridge, Resource Conservationist,

NRCS; and Tom Roth, Soil Conservationist, NRCS. After the presentations the group will tour the cover crop plots south of Leonardville on Alembic Road.

Coffee, water, and fresh coffee cake will be provided. There will be no lunch provided, however, if further discussion is desired everyone is welcome to meet back at Nelson's Landing for an informal group lunch. Reservations are requested as space is limited. Please contact Aubrey at the Riley County Conserva-

tion District for more information or to RSVP- (785) 537-8764 x1301 or aubrey.evans@ks.nacdn.net.

28th Annual Fall Ranch Rodeo
SUNDAY, OCTOBER 5 • 1 PM
Morris County Rodeo Arena
Highway 56, 1 1/2 miles east of Council Grove
Double Mugging, Team Penning, Steer Branding, Team Roping, Calf Scramble for the Kids.
Snack Shack run by the MCRA

FALL JUNIOR RANCH RODEO
Sunday, October 5 • 10 AM
Morris County Rodeo Arena
Highway 56, 1 1/2 miles east of Council Grove
Team Penning, Ribbon Roping, Calf Branding.
To register contact Clay Wilson at 785-466-1359.



36th Annual Chisholm Trail Day Festival
Saturday, October 4, 2014
10 AM-4 PM
Dickinson County Heritage Center
412 S. Campbell, Abilene, KS

- Quilter's Demonstrations • Children's Activities
- Pedal Power Tractor Pull
- Antique Farm Show • Western Music
- Living History Performances & Demonstrations
- Antique Car Show • C.W. Parker Carousel Rides
- Steam Engine Train Rides • Old Abilene Town

 **Dickinson County Historical Society** **785-263-2681**
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STARTING TIME
10:30 AM

Marys

Tuesdays

We sold 1964 cattle September 23. There was good demand for steer and heifer calves at steady prices. Feeder steers and heifers sold steady to \$3.00 higher. Cows and bulls were steady.

STEER & BULL CALVES	3 blk/char str	740 @ 236.00
1 blk bull	63 blk/red str	785 @ 235.00
2 gelb bulls	68 blk/bwf str	783 @ 234.50
2 blk str	61 blk/char str	803 @ 231.50
1 blk str	67 blk/bwf str	844 @ 227.85
1 bwf bull	8 blk str	709 @ 226.00
1 blk bull	3 bwf str	818 @ 224.50
3 blk/bwf bulls	61 blk/bwf str	843 @ 220.00
4 blk/char bulls	18 blk/bwf str	862 @ 220.00
5 blk/bwf str	119 mix str	900 @ 217.75
1 x-bred str	46 blk/red str	881 @ 217.50
1 gelb str	60 mix str	867 @ 216.75
3 blk str	120 blk/red str	902 @ 214.25
2 gelb str	5 blk str	920 @ 212.25
2 blk str	60 mix str	937 @ 208.35
18 blk/bwf str	43 blk/bwf str	1001 @ 206.75
1 char str		
2 blk str		
1 blk str		
3 x-bred str		
2 blk str		
	HEIFER CALVES	
	1 bwf hfr	350 @ 300.00
	3 blk hfr	375 @ 287.00
	2 blk hfr	358 @ 280.00
	2 blk hfr	495 @ 275.00
	7 blk/bwf hfr	468 @ 272.00
	3 blk/red hfr	355 @ 269.00
	6 blk hfr	483 @ 267.00
	2 blk hfr	438 @ 262.00
	24 blk/char hfr	517 @ 257.00
	6 blk/red hfr	473 @ 248.00
	93 mix hfr	517 @ 248.00
	STOCKER & FEEDER HEIFERS	
	6 blk hfr	563 @ 244.00
	7 blk/bwf hfr	578 @ 244.00

STOCKER & FEEDER STEERS	2 blk hfr	590 @ 239.00
5 blk str	10 blk/bwf hfr	626 @ 236.00
4 blk/bwf str	15 blk/bwf hfr	724 @ 233.75
3 bwf str	65 blk/bwf hfr	718 @ 232.25
2 blk str	140 blk/bwf hfr	697 @ 228.75
4 bwf/char str	14 blk/red hfr	745 @ 226.75
11 blk str	129 blk/bwf hfr	806 @ 220.25
4 blk str	4 blk/red hfr	674 @ 220.00
3 blk/bwf str	30 blk/bwf hfr	776 @ 214.25
61 blk str	127 mix hfr	817 @ 214.25
6 blk str	60 mix hfr	824 @ 211.50
	18 blk/bwf hfr	885 @ 210.00
	12 blk/red hfr	878 @ 209.00
	17 x-bred hfr	810 @ 193.00
	4 blk hfr	955 @ 189.50

COWS & HEIFERETTES	1 blk cow	1310 @ 115.00
1 blk hfrt	1 bwf cow	1425 @ 114.00
1 blk hfrt	1 blk cow	1350 @ 113.50
1 blk hfrt	2 blk cows	1570 @ 113.00
1 blk cow	1 red cow	1470 @ 112.50
1 blk cow	2 blk cows	1155 @ 112.00
1 wf cow	1 blk cow	1315 @ 111.50
1 red cow	1 blk cow	1040 @ 111.00
1 bwf cow	1 wf cow	1320 @ 110.50
1 blk cow	1 red cow	1500 @ 110.00
1 blk cow	1 bwf cow	1070 @ 108.50
	1 blk cow	1445 @ 108.00
	1 blk cow	1435 @ 105.00

BRED COWS & HEIFERETTES	2 blk cows	@ 2425.00
1 blk cow	1 blk cow	@ 2100.00
1 blk hfr	1 blk hfr	@ 1550.00
1 blk hfr	1 blk hfr	@ 1250.00

COW/CALF PAIRS	1 bwf cow/cf	@ 2700.00
1 red/cow/cf	1 red/cow/cf	@ 2450.00
2 red cows/cvs	2 red cows/cvs	@ 2200.00

BULLS	1 char bull	1875 @ 142.50
	1 blk bull	1940 @ 141.00
	1 blk bull	1720 @ 140.50
	1 blk bull	1945 @ 132.00
	1 blk bull	1170 @ 130.00

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CONSIGNMENTS SEPT. 30
ANGUS INFLUENCE CALF SALE:

- Shamrock Angus 11 bulls, 550-650 lbs., vaccinated
- 40 Angus steers & heifers, 500-600 lbs., vaccinated
- 90 Angus steers & heifers, 450-600 lbs., vaccinated
- 25 Angus bwf steers & heifers, 400-500 lbs., vacc.
- 20 black steers & heifers, 500-600 lbs.
- 140 black heifers, 675-700 lbs.
- 28 red Charolais heifers, 800-825 lbs., off grass
- 41 black heifers, 775-800 lbs., off grass
- 145 black Charolais steers, 850-900 lbs., off grass
- 118 black steers, 925-950 lbs., off grass
- 145 black Charolais steers, 825-900 lbs., off grass
- 60 Angus steers, 850-875 lbs.
- 62 black Charolais steers, 825-850 lbs.
- 61 black crossbred steers, 875-900 lbs.

CONSIGNMENTS FOR OCT. 7:

- 60 Charolais steers & heifers, 550-700 lbs., vacc.

CONSIGNMENTS FOR OCT. 14
ANGUS INFLUENCE CALF SALE:

- 90 Angus steers & heifers, 450-550 lbs., vaccinated

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

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