

Area educators complete FireWorks training

Matchstick prairies and fire trees, avatars and population ecology, story maps and tribal sovereignty- all were integrated into the recent Tallgrass Prairie FireWorks teacher training held July 31-August 1, 2019 near Milford, Kansas. Recreated and adapted from the original U.S. Forest Service's FireWorks curriculum for the Northern Rockies Ecosystem, educators engaged in activities and discussion as they were introduced to concepts and activities relating to prescribed burning in the tallgrass prairie. Perusal of lesson plans, student activities, and hands-on demonstrations filled the day-long training session. Participants left with ideas and information for instilling fire education in their biology, agricultural education, and natural resources outreach classes and programs.

Those attending the training were Anita DeWeese, USD 438 Skyline, Jennifer Karr, USD 383 Manhattan, Colleen Hampton, Manhattan Catholic Schools, Kim Bellemere, Grassland Heritage Foundation, Nikole Caine,



Pictured are, back row, from left: Marlin Burcham, Cynthia Annett (facilitator), Laura Klenda, Nikole Caine, William Welch, Anita DeWeese, and Laura Downey (facilitator). Front row: Angela Anderson (facilitator), Collen Hampton, Kim Bellemere, Jennifer Karr, Bryan Yockers (facilitator), Melissa Wahl and Pamela Walker.

USD 435 Abilene, Laura Klenda, USD 397 Centre, Marlin Burcham, USD 465 Winfield, Pam Walker, Wilson County Conservation District, Melissa Wahl, Riley County Farm Bureau, and William Welch, Bishop Carroll High School.

Comments after the training validated the value of spending a day in the classroom. "The technology skills

I learned are invaluable," said one participant. "The application of this training is so highly applicable. From STEM to Vo Ag, these lessons can be applied in many settings." Another participant appreciated "fully thought-out plans that I can use. Easily integrated into my current curriculum."

The Tallgrass Prairie FireWorks curriculum was a project of the Great Plains Fire

Science Exchange located at Kansas State University, one of 15 regional Fire Exchanges that are part the Joint Fire Science Program (JFSP). The Joint Fire Science Program is dedicated to supplying high-quality science information to support decision making related to wildland fire, both wildfires and prescribed burning.



RCLA Summer Tour planned for August 25

The annual Riley County Livestock Association Summer Tour will be held on Sunday, August 25, 2019, starting at 5:00 p.m. at Roth Farms, 1924 Valleyview Road, Green. Ron Roth and his daughter Amanda will be the tour hosts.

Roth Farms has both a cow-calf operation and a farrow-to-finish swine operation. The tour will focus primarily on the swine side of the operation, with Ron and Amanda Roth discussing innovations in swine production and changes made to their operation to meet the specs to be a cooperating farm for Coleman Natural Foods.

From Leonardville, Ron Roth's home is located 7 miles west on Hwy 24, then 1 mile north on Valleyview Road.

A free supper provided by the Riley County Livestock Association will be served following the tour. Food and table service are provided. Participants are asked to bring their own lawn chairs.

Reservations to attend the RCLA Summer Tour are needed by Wednesday, August 21. Register online at www.riley.ksu.edu, or call the Riley County Extension Office at 785-537-6350.



AUCTION

THURSDAY, AUGUST 29, 2019 — 4:30 PM

Auction will be held at the home located 1 block west of Highway 81 on 23 street (Just West of Red Barn) BELLEVILLE, KANSAS

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1998 Chevrolet 1500 long bed pickup Vortec V6, automatic, 194,377 miles; 1985 Honda Gold Wing V30 Magma motorcycle 20,831 miles, (set 5 years); John Deere 620 gas tractor, wide front, 3 pt. single hyd; IHC M gas tractor, wide front, add on 3 pt., Farmhand loader w/8' bucket; 5' x 16' tandem axle covered stock trailer; Land Pride 3 pt. 15-60 mower; JD 9' pull sickle mower; JD 3 pt. 6' blade; Case 7' pull sickle mower; New Holland 268 twine baler; New Holland 270 twine baler; JD 640 side delivery rake; JD 2-16 no 44 plow; 3 pt. post hole digger; Krause 10' tandem disc; JD 3pt. 14' tool bar w/cultivator; 2 wheel 9' trailer frame; 18' flatbed trailer new deck; older 4 wheel grain trailer w/hyd hoist; big bale loader w/3 pt.;

2 section springtooth; 4 wheel 5 big bale trailer; 3 pt. 2 row planter; David Bradley 4 wheel side delivery rake; combine bin on wheels; 2 wheel 8' x 10' trailer; John Deere 130 riding lawn mower w/bagger; Poulan 17.5 42" riding mower; 12' single axle camper; wood splitter; pickup stock rack; 10' cattle panels; wire cattle panels; round bale feeder; T posts.

TOOLS, ANTIQUES, HOUSEHOLD & OTHER

Stone Mason fruit jars; fancy oak commode; oak drop front desk; 2 cedar chests; corner cabinet; sewing rocker; dresser; trunk; Whirlpool 14.8 chest freezer; Lazy Boy recliner; wing back chair; 3 pc. full bedroom set; book case; corn pellet stove; window air conditioner; metal 2 door storage cabinet; gun case; gas grill; patio table & chairs; Sovereign guitar; Mandolin; candy

scale; copper boiler; egg basket; wash bench; DeLaval 518 cream separator; pitcher pump; watchers & knives; silverware; butter churn; blankets, table cloths; depression glass; Fenton shoes; set china; collector plates; cook books; pressure cooker; bicycles; Christmas items; mirror & wall plaque; rug shampooer; canning jars some new; Tools inc: MS177 Stihl chain saw; acc torch w/bottles; 3" vice; portable air compressor; crescents; angle grinder; pipe wrenches; assortment hand tools; generator; chains; wooden work bench; 16' aluminum extension ladder; shovels; forks; Handyman jack; incubator; low back saddles; bee smoker; bee equipment; live trap; 8'x11' playhouse to be moved; antenna tower; pickup tool box; live trap; assortment of other items.

Note: Check our website for pictures at www.thummelauction.com

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For our sale Friday, August 16th, the bulk of the cattle offered were finding good demand at unevenly steady to spots \$2 lower on the big, unweaned calves. Cull cows were selling \$2 lower on the kind offered.

STEER CALVES — 500-550 LBS

White City 6 blk 534@171.00
Williamsburg 11 Heref 508@150.50

STEERS — 550-950 LBS

Blue Rapids 4 blk 630@165.00
Burns 6 blk 593@160.00
Cedar Point 6 Cross 573@155.00
Cedar Point 11 blk 684@153.25
White City 26 blk 744@152.00
Blue Rapids 24 blk 710@151.50
Burns 13 blk 735@144.50
White City 11 blk 819@136.00
Alta Vista 6 blk 793@135.00
Randolph 20 blk 851@134.00
Randolph 8 blk 937@128.00
Alta Vista 4 blk 935@125.00

HEIFER CALVES — 500-550 LBS

White City 5 blk 518@149.00

HEIFERS — 550-925 LBS

Burns 8 blk 585@150.50
Blue Rpaids 5 blk 567@149.50
Alma 7 blk 620@143.00

Alma 33 Ang 728@142.75
Blue Rapids 18 blk 648@139.00
Burns 9 blk 662@138.50
White City 17 blk 661@137.00
Cedar Point 20 blk 561@137.00
Randolph 8 blk 682@135.50
Alma 4 Cross 648@132.50
Berryton 61 Cross 917@131.75
Cedar Point 21 Cross 707@131.75
Randolph 5 blk 820@130.50
Berryton 9 Cross 843@127.00
Cedar Point 8 Cross 844@127.00
Alma 21 mix 861@125.00
Axtell 5 Red Ang 820@123.50

COWS & HEIFERETTES — 900-1,675 LBS

Onaga 1 blk 1285@64.00
Alta Vista 1 blk 905@64.00
Alma 1 blk 1305@63.50
Grantville 1 blk 1405@61.00
Alta Vista 1 bwf 1435@59.50
Grantville 1 blk 1125@59.00
Grantville 1 blk 1315@58.50
Alma 1 blk 1140@58.00
Manhattan 1 hols 1540@56.00
Westmoreland 1 blk 1465@56.00
Manhattan 1 Hols 1655@55.50
Manhattan 1 Hols 1335@55.50

Alma 1 Char 1300@55.00
Wamego 1 blk 1365@52.00

BULLS — 1,600-1,975 LBS

Axtell 1 Rd Ang 1845@85.00
Goff 1 blk 1895@83.00
Strong City 2 Rd Ang 1717@82.00
Axtell 1 Rd Ang 1970@79.00
Olsburg 1 blk 1605@76.00

Olsburg 1 blk 1650@72.00

BRED COWS

AGE MO

Onaga 20 blk 3-4-5-6 7-8 @1650.00
Onaga 16 blk 5-6 7-8 @1575.00
Onaga 7 blk SS 7-8 @1275.00

EARLY CONSIGNMENTS FOR AUG. 23

- 48 SimmX strs & hfrs, 700-800 lbs.
- 40 blk & bwf bulls & hfrs, 1 round shots, bunk broke, 250-450 lbs.
- 43 blk strs & hfrs, sired by Lyons bulls, 2 rds shots, long weaned, 750-825 lbs.
- 6 cross bred strs, 2 rds shots, long weaned, 600-650 lbs.
- 30 blk strs, 650-750 lbs.
- 65 blk strs & hfrs, 2 rds shots, 700-850 lbs.
- 50 blk Red & Char cross strs, long weaned, 2 rds shots, 600-800 lbs.
- 10 blk, Red & Char cross hfrs, long weaned, 2 rds shots, 600-700 lbs.

EARLY CONSIGNMENTS FOR AUG. 30

- SELLING AT 11:00 AM:**
- 40 blk bwf Fall calving cows, 3-6 yrs, bred to Angus & blk Simm bulls, several with new calves by side, balance Sept/Oct calvers.

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MORRIS COUNTY FAIR 2019



The grand champion market hog at the Morris County Fair was shown by Carissa Dalquest.



The reserve champion market hog was driven by Isaiah Thibodeaux.



Isaiah Thibodeaux drove the grand champion breeding gilt.



Lakoddah Downes exhibited the reserve champion breeding gilt.



Rising to the top of the swine showmanship class were Wyatt Buchman, grand champion senior; Colton Bacon, reserve grand champion senior; Lakoddah Downs, grand champion intermediate; Cassidy Dalquest, reserve grand champion intermediate; Taylon Hendricks, grand champion junior and Kyler Rose, reserve grand champion junior.



Carissa Dalquest led the grand champion market lamb.



Leading the reserve champion market lamb at the Morris County Fair was Colton Bacon.



Earning top sheep showmanship honors were Colton Bacon, grand champion senior; Carissa Dalquest, reserve grand champion senior and Cassidy Dalquest, grand champion intermediate.



Wyatt Buchman's entry rose to the top as the grand champion market goat.



Leading the reserve champion market goat was Ian Effland.



The grand champion breeding doe was shown by Lakoddah Downes.



The reserve champion breeding doe was shown by Lakoddah Downes.

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MORRIS COUNTY FAIR 2019



Top goat showmanship honors went to Wyatt Buchman, grand champion senior; Chase Bacon, reserve grand champion senior; Lakoddah Downes, grand champion intermediate; Ian Effland, reserve grand champion intermediate; Jhet Johnson, grand champion junior; Fayth Ehrlich, not pictured, reserve grand champion junior.



Ian Effland was awarded champion rate of gain.



Exhibiting the grand champion breeding heifer was Cassidy Dalquest.



The reserve champion breeding heifer was shown by Carissa Dalquest.



Exhibiting the grand champion market steer was Michelle Patry.



Heather Patry exhibited the reserve grand champion market steer.



The champion Morris Co. born breeding heifer was shown by Castyn Andres.



The champion Morris Co. born market steer was shown by Chancy Johnson.

To Make the Best
BETTER



Beef showmanship winners were, back row from left: Carissa Dalquest (GC Senior), Heather Patry (RC Senior), Cassidy (GC Intermediate), Jayden Patry (RC Intermediate). Front row: Jhet Johnson (GC Junior), Cooper Andres (RC Junior).



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Cattle industry will feel the loss of Tyson plant

A CattleFax report
The fire at the Tyson Fresh Meats plant in Holcomb will stress an already delicate balance between a relatively stable fed processing capacity and growing fed cattle supply over the last several years. It will likely take months for the plant to become operational once again.
The historical significance of this event has the potential to be remembered like other major challenges endured by the beef industry. The level of price correction that could

come in the U.S. cattle market may be significant as cattle producers will need to incentivize existing packers to increase the utilization of more limited shackle space.
To understand the market influence of the event, consider these regional fed slaughter statistics:
The Holcomb plant operated at approximately 6,000 head/day or 375 head/hour. There is a 30,000 head/week shortfall in fed cattle processing capacity on a five-day work week.

That amounts to 6 percent of the total U.S. fed cattle packing capacity, and the industry needs to absorb that plant's processing capability per week elsewhere.
Kansas fed slaughter was approximately 25,500 per day or 26 percent of daily fed slaughter.
Tyson Fresh Meat plant in Holcomb represented 23.5 percent of Kansas fed slaughter.
Shifting the supply across remaining Texas, Kansas, Colorado, Nebraska and Iowa

plants means capacity in those regions needs to run 8.0 to 8.5 percent higher.
The importance of this event is heightened by the growing supply of cattle that exist throughout the Central Plains cattle feeding region, but especially in Kansas:
The United States total on July 1 among feedyards 1,000+ head capacity was record-large at 11.5 mil. head.
Cattle on feed in Kansas total 2.4 mil. head This is record large and more than 21% of the U.S. total.
Since 2016, bunk space in Kansas has increased approximately 250,000 head.
The number of fed cattle marketed last year in Kansas totaled 5.0 mil. and was 23% of the U.S. total.
The current U.S. fed slaughter situation is already stressed in this critical market area:
The U.S. daily fed cattle slaughter capacity is 97,000 head.
Major packing plants in Texas Panhandle, Kansas, Colorado, Nebraska, Iowa, Illinois and Utah represent 89 percent of the U.S. fed slaughter capacity.
The major packing plants in the Texas Panhandle, Kansas, Colorado, Nebraska and Iowa represent 83 percent of U.S. fed slaughter capacity.
If the major plants in the Texas Panhandle, Kansas, Nebraska, Colorado, and Iowa

replace the Holcomb capacity, they would need to slaughter 8.2 percent more cattle per week or run 3.3 hours/week to make up the production lost by this plant.
This shortfall will be incredibly difficult to make up based on the current packing infrastructure. Seasonally, fed cattle slaughter will decline into the fall and alleviate some of the supply stress.
However, fed cattle inventories remain larger than last year. This remains the biggest challenge. The last three months of fed slaughter had a weekly average pace of 538,000 head/week.
The packing segment was already running half of the available plants at full capacity on Saturdays.
CattleFax forecasts August to December fed slaughter averaging 517,000 head/week. This is 4,000 head larger than last year.
The potential market influence from this packing plant closure cannot be understated today:
The cattle feeding segment will lose currentness during the next several months.
All classes of cattle will see more price risk than originally thought as a result of this event.
Cattle feeders will lose market leverage - resulting in lower fed cattle prices and weaker demand for feeder cattle and calves.

Negotiated cash trade will get smaller in the near term as feeders work to ensure access to shackle space to harvest cattle slaughter.
There are additional market considerations that market participants will navigate in the initial weeks that follow this event:
The wholesale beef market will decline seasonally, but it will find more support than the cattle market due to a reduction in production.
Existing harvest capacity dedicated to cows and bulls may be incentivized to harvest more fed cattle and fewer cows short term.
Could plants harvest cattle on Sundays if the cooler and box capacity allows? Obviously, inspectors would need to be available.
Labor will continue to be a limiting factor in how many hours and the number of Saturdays that packing plants are able to run.
CattleFax is a member-owned organization that serves producers in all segments of the cattle and beef business. CattleFax is the global leader in beef industry research, analysis and information. Since 1968, the organization's exclusive industry database has set the standard for market information and analysis. Visit www.cattlefax.com to learn more and become a member.

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While fake meat's clout builds, consumers still love beef

Despite added market pressure from alternative protein companies like plant-based patties, beef continues to be a prominent choice for Americans.
Technomic recently released its "2019 Burger Consumer Trend Report," which breaks down the latest trends, consumer attitudes and predictions when it comes to burgers. Here are a few highlights from the report:
55% of consumers eat burgers either at home or at food service at least once a week.
35% of consumers strongly agree that they're willing to pay more for premium toppings.
59% say affordability is one of the most important factors when deciding where to order a burger.
47% of consumers are concerned about the quality and freshness of burgers ordered for delivery. 48% are willing to wait longer for a build-your-own burger.
42% have a preferred restaurant for burger occasions.
Additionally, University of Florida Extension recently released trends that are defining the meat industry. According to the report, Americans consumed an average of 220 pounds of red meat and poultry in 2018 (58.5 pounds of beef per capita). That equates to .07% of 1 cow annually (average dress weight of 850 pounds). Per capita consumption of meat is increasing, with the fastest-growing demand happening in Minnesota, California, Nevada, Oklahoma, Florida, Maine, New Jersey and Illinois, per the report.
According to a YAHOO! Finance report, "While burger chains including Burger King, Carl's Jr., and Red Robin have been grabbing headlines for serving faux meat patties from Beyond Meat and rival Impossible Burger, McDonald's recently announced that after it switched over to fresh beef (rather than frozen) in Quarter Pounders a year ago, customers bought 40 million more of the iconic sandwich in the first quarter this year than they did in the same quarter a year ago.

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JC LIVESTOCK SALES INC.
Wednesday Sale, Hogs NOON • Cattle 12:30 PM
Report from August 14, 2019

STEERS					
3	515	166.00	2	645	135.00
4	604	154.50	7	762	128.75
64	737	145.75	10	720	127.50
34	774	141.75	3	761	127.25
31	837	140.00		942	110.50
60	828	140.00	TOP BUTCHER COW:		
64	935	136.60	\$73.50 @ 1,605 lbs.		
131	948	135.10	TOP BUTCHER BULL:		
20	916	134.00	\$87.50 @ 1,965 lbs.		
100	1014	132.35	BRED COWS SOLD FROM:		
55	993	132.35	\$960-\$1,350.00		
15	992	128.60	PAIRS SOLD FROM:		
15	1014	126.00	\$900.00		
HEIFERS					
10	449	153.00			
3	583	140.00			

CLAY CENTER LIVESTOCK SALES INC.
Cattle sales Tuesday, 11:00 AM.
Report from August 13, 2019
Light run of calves & yearlings.

COWS:					
1	1590	69.00	2	1615	65.00
1	1515	69.00	1	1485	64.00
1	1600	68.00	1	1505	62.00
1	1400	67.00	1	1320	61.00
2	1365	65.50	TOP BUTCHER BULL:		
			\$85.00 @ 1,585 LBS.		

NO SALE TUESDAY, SEPTEMBER 3rd DUE TO LABOR DAY HOLIDAY

NEXT SHEEP & GOAT SALE: Saturday, September 7th

SPECIAL ANNIVERSARY SALE Tuesday, September 10th

WEDNESDAY, AUGUST 21:
30 Ang Fall bred cows, 3-7 yrs old.....
.....bred to Lyons & Mill Brae Ang
45 Angus X str & hfrs 575-750 lbs
PLUS MORE BY SALE DAY!
If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.

JUNCTION CITY, KANSAS • Barn Phone 785-238-1471 **Clay Center, Ks • Barn Phone 785-632-5566**
Seth Lauer 785-949-2285, Abilene Tom Koch, 785-243-5124 Lance Lagasse, 785-262-1185
Clay Center Field Representatives:

KARL LANGVARDT **MITCH LANGVARDT** **LYNN LANGVARDT**
Cell: 785-499-2945 Cell: 785-761-5814 Cell: 785-761-5813

EMPORIA LIVESTOCK SALE CO.
Bonded & Insured
SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM
620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

Date: 8/14/19. Total Head Count: 353.
COWS: \$67-\$78.00; \$56-\$66.75; \$55 & down. BULLS: \$84-\$90.00.

HEIFERS			
10 blk.....	590@137.50	21 bkbwf	805@138.00
14 blk.....	699@132.50	9 bkbwf...	848@136.25
3 blk.....	610@127.50	107 mix...	817@133.00
23 blk.....	803@130.00	13 bkbwf	868@133.00
STEERS		42 mix.....	863@129.50
10 blk.....	688@139.00	17 mix.....	911@129.25
2 blk.....	698@134.00	2 blk.....	1020@117.00
3 blk.....	627@110.00		

CONSIGNMENTS FOR AUGUST 21
• 35 blk steers & heifers, 500-600 lbs.
• 140 blk & red str & hfrs, 700-1,000 lbs.
• 110 mix steers, 875-975 lbs

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

For Cattle Appraisals Call:
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LYLE WILLIAMS, Field Representative, 785-229-5457
WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.
To see more consignments go to: emporialivestock.com

