In tough times: minimize waste, maximize genetics through management

By Lindsay Graber Runft

Ranching brings rewards, but it's not all "sunshine and rainbows." With drought and high input costs in the balance, it takes sharp management decisions to keep black ink on the bottom line.

Knowing what to cut back or keep doing was the focus for Dusty Abney, beef cattle nutritionist for Cargill Animal Nutrition, during his Cattlemen's College session at the 2023 Cattle Industry Conven-

"It's easy to just walk out there and say, 'What can I cut?' And in this environment, with the kind of production that we demand from these cattle and the money we spend on genetics, I think that's a grave mistake," Abney said.

Even with increasing prices at the meat case, consumers continue to high-quality purchase beef. That's why he cautioned against decreasing the bull budget. Investments in superior genetics could still pay.

When buying bulls, added carcass value helps increase your calf crop's Certified Angus Beef (CAB) acceptance rate,

proven to add premiums. Fetal programming im-To assist in bull selection this sale season, Angus bull buyers can look for the Targeting the Brand $^{\text{TM}}$ logo in sale catalogs. The logo signifies that a bull has a minimum expected progeny difference (EPD) for marbling of +0.65 and an Angus Grid Value Index (\$G) of +55 or higher.

The proof is in the data Sire-identified carcass data from more than 8.600 records in the American Angus Association database show those EPD values are minimum thresholds to achieve an average of 50% CAB acceptance. But those numbers alone won't get it.

"If you invest in genetics and don't invest in your nutritional program, your animals will never express their full genetic potential," Abney said

Make Nutrition a Priority

From a bull purchased during this bull sale season, to calves born and heifers retained this year. nutrition should be at the top of the list for manage-

"Doing what you have to" in times of high operating costs makes sense, Abney said, but it should not turn into an excuse.

plications say nutritional decisions on bred females affect a cow herd in the short and long term.

"If you short her, she will short you," Abney said. "A cow never gets a day off, and what we provide that animal from a supplementary basis and from our forage base affects her and her calf."

What and how you feed a cow matters, so Abney suggests building a nutrition plan. Consider ingredient sourcing, infrastructure and the balance of nutrients against requirements. Then look at the feeding process: quantity, time and method for feeding. Nutritionists can provide key advice on the "what and how" to achieve targeted gains, improved herd health and overall profitability.

Looking to a drought specifically, scenario Abnev noted the first step of understanding what's available for cows to consume. To keep rumens operational, cows need more than 1% roughage on a dry-matter basis. Supplement that with energy, such as corn, distiller's grains or whole cottonseed, based on nutritional

requirements.

Meeting those protein and energy needs are essential to rumen function.

"If the rumen ain't happy, ain't nobody happy," Abney said. "So, we've got to keep those bugs (rumen microbes) happy so they'll feed the cow."

Rising input costs on the ranch bring the temptation to buy the cheapest hav available. If you do, make the best of it ordering a forage quality test to learn the crude protein percentage and relative feed value. Then supplement if required.

High-quality beef production requires mineral supplementation. But through a drought, that supplement can vary greatly. Forage test results and other feed evaluation can show where to adjust mineral inputs for a better bottom line.

Wondering where it could make sense to cut back on the spend? If feed and forage tests show a compelling financial reason, it may be okay to opt out of ionophores and implants on calves and yearlings. Aside from skipping those typically recommended technologies, re-

member that basic herd health practices, such as vaccinations, deworming and fly control, should be continued and prioritized.

Minimize Feed Waste A better option could be examining what's going to waste. Abney said wellrun operations can suffer from 5-10% feed waste daily, depending on the type of ingredient and how

it is fed. Feed/ingredient cost: \$300/ton

15% shrink

Feed/ingredient actual cost is ~\$352.94/ton

 $\$300 \div 0.85 = \352.94 Beyond feed delivery, Abney suggests looking at

hay waste, including feeder type. A 2015 University of Missouri study into fescue

hay waste by bale feeder type found a 19.2% loss for open rings, 13.6% for those with a bottom sheet and 8.9% for cone designs. Correct hav storage helps reduce waste, too,

Abney said. Ensiled forages are susceptible to loss from poor fermentation or exposure to air after fermentation.

Planning for the Worst Determining how and what to feed while reducing waste requires a plan. That doesn't stop at feeding. Abnev said.

Build an overall plan for high-stress situations like drought and high-input costs, he suggested. By managing what can be managed and examining consequences of decisions made, you can best target positive results.

"We have to make sure that we're not giving into analysis paralysis where we just wait for something else to happen," Abney said. "Not making a decision is still a decision."

Navigating tough decisions while managing resources to meet your herd's nutritional needs at least takes focus. When those things are complicated by conditions outside of our control, sharper management can still find the rewards in ranch-

On the other hand, a lack of focus on profit near the top of the cattle market cycle will make a greater impact later in that cycle.

"If you make wasteful decisions and those decisions come back to haunt us," Abney said, "it's not going to be in a time when prices are good."

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Kansas Hay Market Report

Compared to the last report demand remains good, prices remained steady, trade activity remains slow. Dry and windy is repeatedly reported throughout most of the state. New crop pricing is slow to come in, as most are unsure whether they will have much of a hay crop. Corn planting is taking place in the east and central regions while folks are backing off in the west due to the lack of rain. According to the U.S. Drought Monitor for April 18th, a majority of Kansas and portions of Nebraska remained entrenched in extreme to exceptional drought (D3 and D4) and expanded a bit in a few areas, however, there were some small areas that saw limited improvement from localized rain fall. The categorical percent area for abnormally dry conditions(D0) remained near 7%, moderate drought (D1) decreased to near 11%, severe drought (D2) decreased near 12%, extreme drought (D3) decreased to near 12%, and exceptional drought (D4) increased to near 45%

Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered steady, movement slow. Alfalfa: horse, supreme small squares 14.00-15.00/bale. Dairy,1.40-1.50/point RFV. Good, Stock or Dry Cow 300.00-315.00. Grinding alfalfa, large rounds, 295.00-300.00, large square 3x4's and 4x4's 305.00-315.00. Ground and delivered locally to feed lots and dairies 340.00-350.00. Alfalfa/grass hay mix ground and delivered 310.00-320.00; Grass Hay: Bluestem: 150.00-160.00. Corn stalks: none reported. The week of 4/16-4/22, 8,903T of grinding alfalfa and 550T of dairy alfalfa was 3x4's 300.00-315.00. Milo stalks, large rounds145.00-150.00. reported bought or sold.

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered, and alfalfa pellets steady, movement slow. Alfalfa: horse, small squares 325.00/ton. Dairy 1.40-1.50/point RFV. Good, Stock cow, 295.00-305.00. Fair/good grinding alfalfa, large rounds 290.00-300.00 delivered, 3x4 and 4x4's 310.00-320.00 delivered. Alfalfa ground and delivered315.00-325.00; Alfalfa/Soybean: ground and delivered 300.00-315.00. Alfalfa pellets: Sun cured 15 pct protein 325.00-335.00, 17 pct protein 345.00-350.00, Dehydrated 17 pct 395.00-400.00. Grass Hay: Bluestem, large rounds none reported. Sudan: large round 125.00-130.00. Corn stalks: large rounds 110.00-120.00. The week of 4/16-4/22, 7,097T of grinding alfalfa and 825T of dairy alfalfa was reported bought or sold.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, grass hay steady, movement slow. Alfalfa: horse or goat, none reported. Dairy 1.40-1.50/point RFV. Good, stock cow 260.00-270.00. Fair/ good grinding alfalfa, large rounds none reported, large square 3x4260.00-270.00; Grass hay: Bluestem, small squares 160.00-165.00, good 3x4 squares 160.00-170.00, large round 140.00-150.00. Brome, large square 180.00-200.00 delivered. Corn stalks: large round 120.00-130.00 delivered. The week of 4/16-4/22, 1,095T of grass hay was reported bought or sold.

Northwest Kansas

Dairy alfalfa and grinding alfalfa steady, movement slow. Alfalfa: Horse or goat, small squares 345.00-355.00 delivered, 3x3 squares 305.00-320.00 delivered. Dairy, Premium/Supreme 1.40-1.50/point RFV. Stock cow, fair/good none reported. Fair/good grinding alfalfa, large square North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered and bluestem grass hav steady, movement slow, Alfalfa: Dairy 1.40-1.50/point RFV; Horse hay, premium small squares, 12.50-13.50/bale, 3x4's 290.00-300.00; Stock Cow 3x4's 230.00-240.00. Fair/good, grinding alfalfa, large rounds 235.00-245.00, large square 3x4's 270.00-280.00 delivered; Alfalfa ground and delivered 275.00-300.00; Alfalfa/Prairie grass mix ground and delivered 270.00-275.00. Grass hay: Bluestem, small squares none reported, large 3x4 squares 150.00-160.00, good large rounds150.00-160.00. Brome: small squares none reported, large square 3x4's, none reported, large rounds, 130.00-150.00. Sudan: large round 130.00-150.00. Wheat straw: small squares none reported, large rounds none reported, large squares 120.00-130.00. Corn stalks: large squares135.00-145.00 delivered. The week of 4/16-4/22,753T of grinding alfalfa

and 300T of dairy alfalfa was reported bought or sold. **Prices above reflect the average price. There could be prices higher and lower than those published.

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

*RFV calculated using the Wis/Minn formula.

**TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with $visual\ appearance\ and\ intent\ of\ sale\ (usage).\ Source: Kansas$ Department of Agriculture - Manhattan, Kansas. Kim Nettleton, 785-564-6709.

hardware disease

By Lisa Moser, K-State Research and Extension news service

Anyone who has spent time with toddlers knows that they need to be watched closely to make sure they don't put nonfood objects into their mouths to avoid a hazard. Much like toddlers, cattle also like to explore with their mouths and sometimes eat objects that they shouldn't, said the veterinarians at the Kansas State University Beef Cattle Institute.

Speaking on a recent Cattle Chat podcast, veterinarians Brian Lubbers, Brad White and Bob Larson discussed the signs of hardware disease and offered suggestions on ways to manage it once it is suspected to be impacting an animal.

"Hardware disease happens when cattle put metal or sharp objects in their mouth, swallow it and then it gets into one of their stomach compartments where it can puncture a hole and move into

other parts of the animal's body," Lubbers said.

White said items cattle might inadvertently eat include wires, nuts and bolts. Sometimes those get into the silage by accident in the harvesting and ensiling process.

Lubbers explains that the foreign object can migrate to other places in the body, which can cause a significant health risk to the animal.

"When the object moves out of the stomach it is carrying the bacteria that was in the digestive tract with it and that can

lead to infections." Lubbers said. "Oftentimes the body develops abscesses to wall off the disease, but sometimes that wire can get into the sac surrounding the heart and lead to an infection."

Larson said cattle with heart trouble will stand with their elbows out and show signs of labored breathing. Animals that show these symptoms need to be evaluated quickly by a veterinarian.

Oftentimes, Larson said this disease is hard to detect.

"For cattle that 'ain't

doing right,' hardware disease is one of the first things we suspect when we evaluate them," Larson said.

Treatment options are limited, said the veterinarians. However, one way to try to keep the foreign obiects from moving where they shouldn't go is to deposit a magnet down the cow's throat that will settle in the reticulum (one of the cattle's four stomach compartments).

"The idea is that the metal will stick to the magnet making it less likely to migrate, but it is better

if we can keep them from eating these things in the first place," Larson said.

He said that there are magnets used in the feed milling process that keep the loose metal from inadvertently ending up in the

"If you are producing your own feed, magnets in the mill or feeder wagon are recommended," Larson said.

To hear the full discussion, listen to the Cattle Chat podcast online or through your preferred streaming platform.

Grass & Grain Community Obituary

Donna Kay Davitto Macy 1952-2023



Kevin Macy's wife Donna passed away April 24th. Kevin has been employed by Grass & Grain for 40+ years, and he and Donna explored hundreds of Kansas towns taking photographs for G&G's Facebook page; some of those photos appeared in the newspaper as well. Donna Kay Davitto Macy, age 71, of

Leonardville, Kansas passed into a better world April 24, 2023, with her loving family gathered

around her

Donna Kay Davitto was born January 6th, 1952 in Clinton, Indiana to Anthony and Barbara Jean Davitto. Her early childhood was spent in Clinton, and in the late 1950s the family moved to Idaho Falls, Idaho. In 1963 they come back to Indiana, settling in Danville, near Indianapolis. She graduated from Danville High School and in 1970 married Thomas Coleman. They had three sons, Eric, Brian and Jeremy. The family lived in Indiana then California, where Donna received an associate's degree in biochemistry. Returning to Indiana, she worked in the commissary at Grissom Air Force Base, working her way up from checking to the accounting department. When Grissom was closed, she was offered the opportunity to continue her education and seized the chance to pursue her lifelong dream of becoming a nurse, managing to work a full-time job and be a supermom while earning a bachelor's degree in nursing.

Donna and Tom divorced in 1998. Late the same year she moved to Kansas to be with Kevin Macy and they married on October 23rd, 1999. She worked as a geriatric nurse at longterm care facilities until her retirement in 2011.

Donna was a warm, caring, intelligent and loving woman who wore her heart on her sleeve. Her profession was a calling for her and she worked tirelessly to give the best care to her residents. She loved too many things to list, but here are a few: above all, her family, who she would do anything for, and they would do anything for her. Her husband Kevin, partner in adventure for the last 25 years of her life. All animals, especially the cats that shared her house; she also had a special fondness for giraffes. Travel was a strong interest and she was always up for a road trip, especially to the mountains or the ocean. She was a tireless supporter of her kids in school as they participated in marching band, music and athletics and didn't miss one of their events; she also traveled to see her grandkids' marching band shows. Donna learned many authentic Italian recipes from her paternal grandmother and prepared them often. She and Kevin enjoyed trying new restaurants and returning to their favorites. She was a diehard Indianapolis Colts and Pacers fan and after her move to Kansas also cheered for the KSU Wildcats and the Kansas City Chiefs and never missed watching the Indy 500. Camping and spending time outdoors were important to her. She loved listening to classic rock music and attending concerts, and played the clarinet and piano.

She was preceded in death by her dad Anthony, her mom Barbara Jean. and older sister Connie Ann who died in infancy. Donna is survived by her brother Rick Davitto, husband Kevin, brother-in-law Derek Macy, her sons, Eric Coleman and wife Trish, Brian Coleman and wife Missy, and Jeremy Coleman and wife Aimee; and grandchildren Ben Coleman and wife Jennifer Fornshell Coleman, Bailey Coleman and wife Jackie, Brendan Coleman, Kylie Coleman, Riley Coleman, Chloe Reecer, Nova Jones, Thomas Jones, and Darian Jones. Her great-grandchildren, Charlie Coleman, Lillian Nixon, Kheighlen McCallister, Maliyah McCallister, Juniper McCallister and Oaklynn Benn. And of course, she and Kevin's cat-kids Dude, Katniss, Tink, Bogie and Bacall.

The family will receive friends from 4:00 to 6:00 P.M. Thursday, May 4th, at the Yorgensen-Meloan-Londeen Funeral Home, 1616 Poyntz Avenue, Manhattan. Online condolences may be left for the family by clicking on "Share A Memory" at www.ymlfuneralhome.com

Isaiah 40:31 - But those who hope in the Lord will renew their strength; they will fly up on wings like eagles; they will run and not be tired; they will walk and not be weary.

Certified Angus Beef® Cook-Off Contest entries due May 25 Entries are open for Contest. All interested (NJAS) in Grand Island, contestants must enter by Nebraska.

the American Angus Auxiliary-sponsored 40th All-American Certified Angus Beef® Cook-Off May 25. The contest will be held July 4 at the 2023 National Junior Angus Show

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Angus Association (NJAA) members to display their knowledge of the beef industry and skills in the kitchen while enjoying friendly competition with fellow participants. All contestants must be members of the NJAA and each team must consist of two to six members of a state junior Angus association.

"We are excited to host and celebrate the 40th All-American Certified Angus Beef® Cook-Off Contest, which serves as the oldest NJAS educational contest," said Anne Lampe, American Angus Auxiliary beef education committee co-chair. "I am always amazed at the creative ways NJAA members put recipes, presentations and skits together to educate consumers about Certified Angus Beef®.

This annual contest encourages NJAA members from each state to gather their best recipes, prepare a Certified Angus Beef® beef dish and perform a skit to entertain and educate the audience. The cuts selected for this year's contest are as follows: the steak division is teres major, the roast division is top sirloin cap and the other category is ground beef and will be a throwback to the very first cookoff, "The Great Ground Round Cook-Off."

The contest consists of three age categories: 8-13; 14-17; and 18-21. All ages will be determined as of January 1. Mixed teams may be entered but will be classified by the oldest member of the team. The contest will be judged by a panel of three judges. Winners in categories of showmanship, recipe and overall excellence will be awarded special prizes.

Entries for the contest must be submitted online at https://forms.gle/ dXeiVmVJJ1gfoRxi6. For more information about the contest, contact Anne Lampe at 670-874-4273 or amlampe.al@gmail.com or Anne Patton Schubert at



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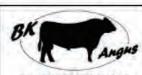
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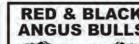
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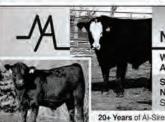
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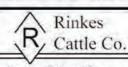
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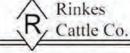
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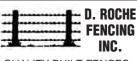


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Conservation District located

in Topeka is accepting applications for a District Manager. The position provides day-to-day coordination of the District and the Board of Supervisors as well as assist the Natural Resources Conservation Service of Shawnee County which is located in the same federal office. A federal background check will be required

General office duties including bookkeeping for the District is expected as well as performing duties of conservation education. Conducting monthly board meetings, events and an annual meeting is expected Organizational skills and able to work unsupervised a must. Knowledge of agricultural and conservation practices preferred, but not required.

The position is classified as permanent/full time with a beginning salary of \$35-40K with benefits such as KPERS, KPERS 457, KPERS Optional Group Life Insurance a portion of health insurance, leave time and federal holidays paid granted.

Please contact the **Shawnee County Conservation District** for an application and a more detailed job description at (785) 338-7182 or sccdistrict@sccdistrict.com

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Grass & Grain, May 2, 2023 Kansas cattle on feed down three percent

Kansas feedlots, with capacities of 1,000 or more head, contained 2.43 million cattle on feed on April 1, according to the USDA's National Agricultural Statistics Service. This inventory was down 3% from last year. Placements during March totaled 460,000 head, down 6% from 2022. Fed cattle marketings for the month of March totaled 480,000head, unchanged from last year. Other disappearance during March totaled 10,000 head, unchanged from last year.

Adaptive multi-paddock grazing improves carbon sequestration, soil health

Prolonged high stocking rates and overgrazing by livestock can result in significantly less soil organic carbon and soil fertility on rangeland, according to a Texas A&M AgriLife-led study, which assessed key soil health indicators to determine the ecological effects of different grazing management.

In a study funded by the National Institute of Food and Agriculture, U.S. Department of Agriculture, Texas A&M AgriLife Research scientists in the Texas A&M College of Agriculture and Life Sciences recently published "Evaluating the impacts of alternative grazing management practices on soil carbon sequestration and soil health indicators" in the Agriculture, Ecosystems and Environment journal.

Leading the research was Srinivasulu Ale, Ph.D., AgriLife Research agrohydrologist at the Texas A&M AgriLife Research and Extension Center at Vernon and the Department of Biological and Agricultural Engineering, and Jungjin Kim, an AgriLife Research postdoc under Ale, who is now with the Institute of Environmental Technology at Seoul National University of Science and

Technology. Others on the team included Urs Kreuter, Ph.D., professor in the Department of Ecology and Conservation Biology; Richard Teague, Ph.D., retired professor, AgriLife Research, Vernon: Stephen DelGrosso, Ph.D., USDA-Agricultural Research Service. Fort Collins, Colorado; and Steven Dowhower, Ph.D., retired AgriLife Research senior research associate. Vernon

of their study will have tention, forage production maximize diet quality."

important implications for ranchers and policymakers who seek to improve the ecological health of soils at the ranch and watershed scales.

Managing carbon by managing grazing

"We know well-managed grazing lands can improve plant growth, forage recovery and soil fertility," Ale said. "By contrast, continuous heavy defoliation of grasses can lead to soil and hydrological degradation in grazing lands."

Through modeling, the research team was able to simulate the impacts of three grazing management practices—heavy continuous, light continuous and adaptive multi-paddock. AMP, grazing, which is a form of rotational grazing-on soil organic carbon, soil health indicators and hydrological parameters. The research was conducted on a northwest Texas ranch and in a large-scale watershed.

Under AMP grazing, which is characterized by variable short grazing periods followed by extended post-defoliation plant recovery periods, especially for preferred forage species, there was an overall lower grazing intensity at both the ranch and watershed scales.

Higher carbon loads in soil entering the streams under heavy continuous grazing suggest that increased bare ground and soil compaction under the high grazing intensity reduced water infiltration and increased surface runoff and soil erosion. This and previous research have indicated that AMP grazing leads to less bare ground and decreased carbon losses from soil erosion than continuous grazing at the same stocking rate.

AMP grazing improves

Study results indicated that by adaptively maintaining moderate growing-season defoliation with adequate plant recovery time, AMP grazing can minimize the negative effects of area selective overgrazing under continuous grazing and can enhance soil organic carbon. soil health and hydrological parameters.

"Our results indicated that, compared to the heavy and light continuous grazing, the average annual soil organic carbon was the highest under AMP grazing at both the study ranch and in the study watershed," he said.

Kim said when the grazing management was changed from heavy continuous grazing to AMP grazing, average annual soil organic carbon increased by 2.7% at the study ranch and 7.6% in the study watershed. The biomass carbon and soil nitrogen increased, while carbon losses from runoff and sediment loads decreased under AMP graz-

Additionally, Kreuter said, relative to heavy continuous and low continuous grazing, AMP grazing had a significant positive effect on other soil and hydrological factors at the ranch and watershed scales, including primary productivity, biomass carbon and soil respiration.

"Collectively, our results support the claims that AMP grazing has a high potential for restoring degraded grazing lands," Ale said. "This finding counters the assertions by some researchers that the only necessary management variable for sustaining grazing land health and productivity is the maintenance of low to moderate stocking rates while allowing grazing They said the results soil health, moisture re- animals to roam freely to

vestock injection basics

By Ross Mosteller, **Meadowlark District** Extension agent, livestock and natural resources

If you are following along with my mumblings, and if articles are run in sequence, this is a follow-up to processing calves from last week. We spent some time talking about animal and vaccine handling, but today the focus will be on placing those vaccines using proper techniques. One of the most important aspects of quality in our industry is performing injections properly. Remember that your injection techniques have a big impact on meat quality, personnel safety and product efficacy. Review your practices with your herd health veterinarian.

Adequate restraint is a basic requirement. Every effort should be made to have the animal still when administering an injection. Needle movement during intramuscular (IM) injections increases muscle damage, and could cause a significant portion of the injection to be deposited subcutaneously (SQ or SubQ). Movement during SQ injections may lead to a significant portion of the injection ending up IM. Restraint can be accomplished with chutes. cradles, gates, ropes or good old-fashioned brute cowboy strength, but it is paramount to injection success and safety.

In either injection case. the result is a product in a different site than intend-

ed. This may affect efficacy and can contribute to an altered withdrawal time. The "tented technique," where the skin is pinched and raised with one hand while injecting parallel to the hide with the other hand, should only be used when the animal is restrained in a squeeze chute or completely immobile. It works well, but does pose a human injection risk if you are not careful.

The injection site audit work done within the industry illustrates the importance of staying away from the top butt for all injections and confining IM injections to the neck. The best way to learn the injection site triangle in the neck is to ask for an anatomy lesson from your veterinarian (especially during a necropsy), attend an injection site demonstration or online BQA trainings. If you're giving IM neck injections in front of the head gate, vou're likely giving injections too far forward in the neck. Consider SQ-labeled products whenever possible.

Separation between injection sites is as important as site selection. Moving a hands-width away for the next site is a good rule to follow. On small calves, this may mean only two to three injections per side of the neck. If you find yourself routinely running out of injection sites, it's time for an in-depth evaluation of your preventive and therapeutic programs. Read and follow volumeper-site instructions. It's a

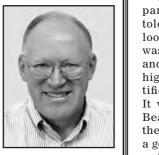
rare case where more than 10-15 ml per site is indicated.

Needle selection and care are essential to quality assurance. A 16-ga, needle is the maximum size for IM injections. An 18ga. needle may be used for administration of some products, but proper restraint becomes more important to avoid bending and possible breakage of these small needles. Discard bent needles. Never straighten and reuse them due to potential breakage. Needle length for SQ injections shouldn't exceed 34", and 1/2" may be the best choice. Many IM injections can be done with a 1-in. needle. If you feel resistance as the needle penetrates the hide, check for barbs. It's probably time for a new needle and remember new needles are needed every ten to 12 animals.

Protecting product integrity (sterility and efficacy) includes always drawing the product from the original container and paying attention to sanitation of syringes and iniection systems. A new sterile needle should be used every time you draw product from a multi-use container that will not be used immediately. The rubber stoppers in these bottles also tend to dull needles very quickly. Remember that even traces of soap or disinfectants left in syringes can inactivate modified-live viral vaccines.

Kansas **Profile**

By Ron Wilson **Executive Director of** the Huck Boyd **Institute**



Samuel Beachy, Beachy's Flowers and Produce

By Ron Wilson, director of the Huck Boyd National **Institute for Rural Development at Kansas State University**

An eight-foot-tall tomato plant? It sounds like a gardener's dream, but one innovative young rural Kansas couple is making it become reality using gardening technique known as hydroponics.

Samuel and MaryAnn Beachy are the founders and owners of Beachy's Flowers and Produce. They were living in Kentucky and then moved to Kansas to be closer to MaryAnn's parents in Lyn-

Samuel was operating a locker plant in Osage City until he sold that business. The Beachys' church was looking to expand in the Wamego and Manhattan area, and Samuel wanted to pursue a new enterprise there.

"I've always been intrigued with growing things," Samuel said. "I loved to grow things in the garden."

As he and MaryAnn considered a move, they thought about the type of produce operation that could work best in northeast Kansas and decided to try an indoor hydroponic system. "He did a lot of

studying," MaryAnn said.

As the Beachys prepared to relocate, they told the realtor they were looking for a location that was served by natural gas and was next to a major highway. The realtor identified just one location. It was the first place the Beachys looked at, and they bought it. "This was a godsend," Samuel said.

The location was next to Highway 24 east of Manhattan. It already had a house with a large shop. The Beachys built a stateof-the-art polycarbonate truss-style greenhouse that connected to the shop. It is fully hydroponic, so the plants are raised in recycled water with the precise nutrients needed.

Beachy's Flowers and Produce opened on November 30, 2022. For now, the flowers are coming from Council Grove, but the produce is homegrown and booming.

The Beachys produce tomatoes, lettuce, broccoli, peppers, cauliflower. spring onions, kale, spinach, cilantro and cucumbers. In the future, they plan to also grow carrots, beets, potatoes and strawberries. The climate-controlled greenhouse enables produce to be grown vear-round.

"My goal is to provide a place where people can buy produce at the same place that it is grown," Samuel said. That would definitely seem to shorten the supply chain.

"I want to raise enough that you can make a good salad with what we produce.'

The production process is highly scientific, with probes used to control pH and nutrient levels. No soil is needed. Water is constantly recirculated. A retractable ceiling curtain helps control the climate naturally.

"We can open the curtain to let the sun in, and close it when we want to hold in the warmth," Samuel said.

> Lettuce seedlings,

for example, are started under growlights. The rooted seedlings, in peat pellets, are placed in rows of watertight PVC trays through which the water and nutrients are pumped and recirculated. The trays are placed on waisthigh metal frames and, with time, moved farther apart to make room for the

plants to grow. "We have to plan ahead," Samuel said. "We plant 200 seeds per week of lettuce, and harvest in two months."

The Beachys' butterhead lettuce, with just a hint of sweetness, is a variety that has proven especially popular.

For tomatoes, the truss ceiling makes it possible to use string to hold up the tops of the plants, enabling them to grow to their full potential. With proper trimming and treatment, these plants can grow eight feet tall and produce extraordinary tomatoes. "Our goal is three-quarter-pound tomatoes," Samuel said.

Their produce is available for sale at grocery stores in Wamego, Westmoreland, and Holton; at Manhattan farmer's market; and direct from the greenhouse. "I would like to grow the business so that people can come right here for their produce," Samuel said.

Their location is along Highway 24 northwest of the rural community of St. George, population 1,054 people. Now, that's rural.

For more information. contact Beachy's Flowers and Produce at 785-219-

Eight-foot-tall tomato plants? It sounds like gardener's dream, and they're growing at Beachy's Flowers and Produce. We commend Samuel and MaryAnn Beachy for making a difference with fantastic produce and innovative production practices.

Seeing their success makes me feel ten feet

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on beef demai Keeping an eye Retail all-fresh beef prices in March were \$7.23/lb.,

unchanged from February and down 1.8 percent from one year ago, according to an article in Drovers. Retail beef prices have been mostly steady since late 2021. The 12-month moving average of monthly retail beef prices has been above \$7.25/lb. since April 2022. This indicates strong beef demand given record beef production in 2022 and the highest beef consumption per capita at 58.9 pounds since 2010. Retail all-fresh beef prices averaged \$7.30/lb. in 2022, the highest on record and up 5.1 percent over 2021 average retail prices. The highest monthly price ever was in October 2021 at \$7.55/lb.

It does not appear that consumer beef buying behavior has changed significantly thus far with higher retail beef prices. There is little indication of consumers switching to lower value products and away from more expensive beef cuts. Wholesale beef prices continue to

be led by strong middle meat prices with tenderloins and ribeves up 12-15 percent vear over vear. Choice boxed beef price averaged \$297.91/cwt. recently, the highest weekly boxed beef price since late September 2021 and up 9.3 percent vear over vear. Boxed beef prices are pushing higher as a result of decreased beef production and supported by continued strong beef demand.

Beef production is down 4.6 percent for the yearto-date compared to last year at this time. Total cattle slaughter is down 2.9 percent thus far in 2023. Daily slaughter totals for the year-to-date show that steer slaughter is down 2.3 percent year over year, with heifer slaughter up 0.4 percent year over year leading to total fed slaughter down 1.2 percent for the year thus far. Carcass weights for all classes of cattle are lower year over year with average cattle carcass weights down 15.2 pounds year over year.

NAWG testifies to House Agriculture Subcommittee during "Producer Perspective on the 2023 Farm Bill" hearing

of Wheat Growers Presi-

Herington

LIVESTOCK Commission Co.



CATTLE SALE EVERY WEDNESDAY: 12:00 PM

Results for	or April 26,	2023
— COWS / HFRTTS / BULLS —	Herington	6 bll

	Weigh	<u>t</u>	Price Range	Pe
Cows:	1035-1	940 \$8	2.50-\$103.50	Li
Heifers:	1035-1	090 \$12	1.00-\$131.00	Не
Bulls:	1760-2	230 \$11	8.00-\$125.00	Ce
— ТОР	STRINGS C	F EACH C	LASS —	Не
	HEAD	WEIGH [*]	T PRICE	Не
STEERS				Ra
Cedar Point	6 blk	487	\$243.00	Н
Peabody	9 blk	542	\$241.00	M
Herington	129 mix	702	\$209.25	
Maize	13 mix	766	\$195.00	
Ramona	117 mix	984	\$184.00	
Hope	50 mix	872	\$184.00	
Lincolnville	57 mix	924	\$183.50	ŀ
Herington	61 mix	944	\$182.00	ŀ
HEIFERS				ŀ
Cedar Point	10 blk	421	\$232.00	

6 blk 453 \$211.00 Herington 8 blk 491 \$210.00 Price Range Peabody 475 \$210.00 incolnville 5 mix 16 mix 600 \$205.50 lerington 568 \$197.00 edar Point 11 blk 82 mix 685 \$196.00 **lerington** 5 blk 553 \$191.00 **lerington** 732 \$186.00 lamona 23 mix 800 \$180.00 30 blk \$171.50

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Association dent and Klamath Falls, affordability of crop in-Ore. wheat farmer Brent Cheyne testified in front of the House Agriculture Subcommittee on General Farm Commodities, Risk Management, and Credit where he joined the "Producer Perspectives on the 2023 Farm Bill" hearing.

Cheyne highlighted NAWG's primary Farm Bill priorities, including the importance of maintaining and enhancing crop insurance, both in terms of effectiveness and costs for farmers. It is essential that the effectiveness and



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surance are not limited as it is the primary tool that helps avert cropping disasters and mitigate risks. The cost to purchase crop insurance has increased in recent years and Cheyne encouraged Congress to allow higher coverage levels at more affordable premiums.

"Farming is a risky business requiring a strong safety net," said Chevne. "Wheat farmers rely on the certainty of the crop insurance program. In turn, the American people can depend on farmers who are able to continue to withstand natural disasters and produce the most stable food supply in the world."

Chevne also discussed

NAWG's request for Congress to increase the PLC reference price. The statutory reference price for wheat has remained unchanged and has fallen far short of the cost of production in recent Farm Bills. "Prices have now risen to the point that it would take a 62% decrease in prices before being caught by the safety net of PLC. When prices fall that far, there's effectively no safety net at all for farmers," Cheyne said.

As Congress continues to have hearings on programs authorized under the 2018 Farm Bill, NAWG looks forward to working with the members to help craft a Farm Bill that works for wheat growers in the United States.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Results for April 26th, 2023 **STEERS** 209.00 6 350 258.00 720 186.00 252.50 174.75 510 13 810 12 462 250.00 762 174.50 9 525 239.00 TOP BUTCHER COW: 5 668 227.50 2 685 223.50 \$100.00 @ 1,930 LBS. 42 931 185.00 **TOP BUTCHER BULL: HEIFERS** \$126.50 @ 1.820 LBS. 4 335 238.00 **BRED COWS:** \$985 6 488 222.00 PAIRS: \$2,000-\$2,500 **MATURE 1ST CALF PAIRS:** 4 484 214.00 3 517 213.00 \$1,950-\$2,175

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Cattle sales Tuesday, 11:00 AM. Report from April 25th, 2023

			•		
	STEER	S:	5	477	224.00
4	384	261.00	26	490	224.00
2	408	259.00	4	505	219.50
7	430	258.00	5	512	215.00
30	499	254.00	17	557	208.50
4	570	249.00	7	674	206.00
19	564	239.00	5	630	200.00
7	613	236.00	5	761	184.00
12	622	229.00	30	772	174.00
12	779	200.50	TO	P BUTCHE	R COW:
17	822	197.00	\$10	3.00 @ 1,8	805 LBS.
30	883	194.25	TOI	BUTCHE	R BULL:
	HEIFER	RS:	\$13	33.00 @ 2,2	280 LBS.
13	374	232.00		BRED CC	WS:
9	446	228.50		\$1,160-\$1	,460

NEXT SHEEP & GOAT SALE: SAT., MAY 6TH

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15 blk strs, 775-800#

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Schwieterman Market Outlook

A marketing commentary by Bret Crotts

Most of last week was pretty brutal for the grain markets. There was rain in some of the driest areas of the HRW Belt, cancellations of corn sales to China, and what looks like decent planting conditions in the Corn Belt. What we didn't have was supportive news to offset that. Perhaps the Black Sea corridor will close in a couple of weeks, but that headline has flip-flopped so many times that traders are leery of chasing after the news. So, we were stuck with negative news, and the markets responded in a negative way.

Moving forward, the Chinese cancellations will probably have the most impact on the market since Chinese demand was a very supportive fundamental input. Having the Chinese stop their buying program was bad enough, but having sales cancelled is very detrimental. Corn bulls are now going to have to rely on the weather to provide supportive headlines, and so far, that isn't happening. Planting conditions are mostly good, with the exception of some areas that are experiencing flooding.

Rainfall totals in the

going to be deemed disappointing. The coverage area was smaller than expected, which means that crop condition ratings probably won't improve that much. Improvement in the ratings will mostly be driven by abandonment and taking the very poor wheat out of the equation. The rains are probably going to impact corn and milo planting more than wheat production.

HRW Belt are probably

However, the size of the crop still doesn't matter as much as export demand, and our export program is still poor. We just don't to the rest of the world. So for the corn, wheat,

need much of a crop when

we aren't selling any wheat

and soybeans, the trends are down and hoping for more than a short covering bounce is probably a mistake. We need a catalyst in the form of demand or a weather scare in the Corn Belt in order to see sustained strength.

The cattle market, on the other hand, is seeing plenty of sustained strength. The feeder cattle saw numerous new contract highs, which was due in part to the weakness in the corn. The live cattle were somewhat subdued since the cash market was essentially steady, but for the deferred live cattle futures, it looks like they are just building a base for the next leg higher.

Cattle fundamentals remain strong. Huge swaths of rangeland remain under drought conditions. Cost of gain is still relatively high. Cattle on Feed numbers remain below year -ago levels, as do carcass weights. As long as we avoid economic disaster, the cattle market should remain firm.

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

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K-State veterinarian shares tips to prepare cattle for summer

Kansas State University veterinarian Gregg Hanzlicek is urging beef cattle producers to review their herd's vaccination and parasite control program as summer ap-

proaches. He said vaccinations should be given to protect the cows against all the major reproductive infectious diseases before breeding season, including IBR (infectious bovine rhinotracheitis), BVD(bovine viral diarrhea), leptospirosis and campylobacter.

According to Hanzlicek, those vaccinations should be given 45-60 days before the bulls will be released with the cows. "This allows enough time for the cows to respond to the vaccine and enough time for the cow to recover from any minor negative vaccine effects," he said.

"Use the same vaccine (and) the same vaccine schedule for the bulls. Bulls are too often forgotten in vaccination programs.'

In addition, Hanzlicek recommends insecticidal ear tags to control for flies this summer, saying "tags still provide the best protection against heavy fly infestations."

Hanzlicek urges producers to tag cows and bulls. "Two tags per animal are more effective than one," he said.

It might also be necessary to tag the calves in times when fly populations are very large, but producers should start with the cows.

Hanzlicek said pro-

ducers should rotate the fly tag's chemistry to decrease the fly's ability to build resistance to the insecticide.

ing decisions, and agree that

"If we continue to use products that have the same chemistry/insecticide, we breed for resistance," he said. "Either a two- or three-year rotation is ideal, depending on the insecticides used."

He adds: "It is also im-

portant to remember to remove the insecticide ear tags at the end of pasture season and dispose of them properly. Not doing this will build up insecticide resistance in the fly populations, and through time fly programs will become less and less effec-

More information is available at local Extension offices in Kansas.

ls now for proper grazing during summer

Drought and overgrazing have left cattle pasture stands thin and possibly in need of renovation, said University of Missouri Extension livestock specialist Patrick Davis. He urges cattle producers to use summer annuals as a tool to thicken stands or begin the renovation of cool-season perennial pastures.

"Crabgrass, pearl millet and Sudan grass are summer annual grasses that can be seeded now to strengthen the summer grazing rotation," said Davis. If plans are to renovate cool-season pastures, pearl millet and Sudan grass are good forages to help begin the "spray, smoother, spray" renovation process. These forages provide grazing in the summer months to fill in the cool-season grass slump.

Davis advises cattle producers to check out the MU Extension guide "Warm-Season Annual Forage Crops" (www.extension.missouri.edu/g4661) and visit with their local Extension agronomy specialists to discuss proper seeding and establishment of these summer annuals.

He recommends that cattle producers begin grazing crabgrass at eight to 10 inches and not grazing lower than three inches. Crabgrass can typically be grazed about 30 to 45 days after planting. Begin grazing Sudan grass at a height of greater than 24 inches to prevent prussic acid poisoning.

Since pearl millet does not cause prussic acid poisoning in cattle, begin grazing it at a height range of 18 to 30 inches. Davis urges grazing these forages about 45 to 60 days after planting and not to graze them below ten

"Nitrate toxicity can be an issue with Sudan grass and pearl millet during summer drought," said Davis.

Consult your local MU Extension livestock specialist for cattle and forage management strategies to reduce potential nitrate toxicity issues.

Lespedeza is a summer annual legume that, if seeded in April, can thicken thin cool-season pasture stands and strengthen the pasture grazing rotation during summer. He said this non-bloating legume mixes well with cool-season pastures, tolerates drought and helps dilute fescue toxicosis issues. Though lespedeza is an annual, it will come back each year if allowed to reseed itself. Learn more in the MU Extension guide "Annual Lespedeza" (www.extension.missouri.edu/g4515).

For more information on using summer annuals to promote optimum grazing, contact your local MU Extension agronomy or livestock specialist.

Dolezal, Stika: better measures lead to better beef, red meat yield next opportunity

Pumped product and mechanical tenderization most associate these "enhancement" methods with pork or poultry; but not that long ago, the beef industry was exploring these options to improve product quality.

"Back in the '80s, everybody was working on restructured beef and aspects like that to upgrade quality, and just didn't come to fruition because people still wanted a great steak and a great taste," says Glen Dolezal, assistant vice president, new technology applications.

He joined John Stika, president of Certified Angus Beef, on a recent episode of The Angus Conversation to talk about technologies that never came to fruition, others that changed the industry

and what still lies ahead. "I think the big revolution that's taken place here through relationships across the supply and merchandising chain has been, 'We have a great product. Here's what the consumer wants. Now, let's inherently breed and manage the quality into the cattle, meet their genetic propensity to please the

STEERS/BULLS

BEEF

900-1,000# \$195.00-\$185.00

HEIFERS

400-500#

500-600#

600-700#

700-800#

300-400#

400-500#

600-700#

700-800#

800-900#

900-1000#

Jim Dalinghaus

785-799-5643

Baileyville, KS

Trevor Lundberg

785-770-2271

\$299.00-\$270.00

\$296.00-\$272.00

\$292.00-\$239.00

\$248.50-\$210.00 \$219.50-\$200.00

\$253.00-\$225.00

\$242.00-\$202.00

\$220.00-\$182.00

\$197.00-\$175.00

\$184.00-\$168.00

MARYSVILLE LIVESTOCK INC.

Market Report for 4-27-23. 1471 Head Sold.

Bob Holle, Manager • 785-562-1015

TO SEE OUR LATEST DETAILED MARKET REPORTS AND

UPCOMING CONSIGNMENTS AND SPECIAL SALES

www.marysvillelivestock.com

Individual Report

STEERS

8 blk@520# \$292.00

27 blk@518# \$270.00

12 blk@#603# \$248.50 12 mix@694# \$219.00

58 mix@862# \$202.50

58 blk@890# \$200.35

60 mix@907# \$195.35

HEIFERS

5 mix@341# \$253.00

19 blk@466# \$241.50

6 blk@543# \$230.00

14 blk@556# \$228.00

12 mix@602# \$220.00

72 blk@811# \$183.60

Jeff Cook

785-564-2173

Hanover, KS

FIELDMEN

Taylor Schotte

785-268-0430

Marysville, KS

Dave Bures, Auctioneer

402-239-9717

Odell, Nebraska

10 blk@425# \$296.00 HEIFERS PAIRS:

consumer," says Stika.

Producers just needed a target, he says.

"When economic signals aren't clear, you go a lot of different directions. You scatter." Stika says. noting the improvement from the demand lows in 1998. "You look at where we are today, the economic signals have become clearer and clearer every year that we've moved for and I think that's why we've seen this centralized focus on quality... and consumer demand because grid marketing and camera data collection has really allowed that information to be captured in volume and go back through the system to create a clear economic signal."

While cattlemen should still place focus on marbling, Sitka said, the packing sector is considering ways to better quantify saleable red meat. The yield grade equation was developed in the 1960s, and marketing has since evolved

"We don't sell subprimals with a half an inch or three-quarters of an inch of fat anymore. We are predominantly boneless," Doelzal says. "We need to pick up more than just the

Every Thursday at 12 Noon

1180 US Hwy. 77, P.O. Box 67,

Marysville, KS 66508

COW/CALF

PAIRS:

BRED COWS:

HFRTS:

\$124-\$101

COWS-HIGH

YIELDING:

\$106-\$85

COWS-LGT

WT & LOW YIELDING:

\$75-\$60

BULLS:

\$116-\$95

Grea Anderson

785-747-8170

Waterville, KS

Bill Keesecker

785-410-6117

round loin rib and chuck es being tested to develop because the thin meats and the brisket, all the cuts of beef are important

and valuable today. Lean trim for luncheon meats and pizza toppings

isn't accounted for either. "I think the industry needs to reinvest in a a modern red meat yield determination to improve our yield grade system today.'

Listen to the entire episode, "The Packer or the Producer-Who Has the Power to Improve Beef Quality?" on all major podcast platforms.



Holton Livestock Exchange, Inc. 1/2 mile East of Holton, KS on 16 Highway **Livestock Auction every Tuesday at 11:00 AM**

ALL WEIGH COWS & BULLS SELL AT THE END

MARKET REPORT FOR TUESDAY, APRIL 25, 2023 **RECEIPTS: 2268 CATTLE** FOR FULL RESULTS, VISIT OUR WEBSITE:

Holton 386@316.00 Horton 435@315.00 Seneca 405@313.00 7 blk 6 blk Onaga 409@311.00 7 blk 5 blk 22 blk

Atchison 439@305.00 SilverLake450@300.00 Ozawkie 462@294.00 15 blk bwf McLouth 441@291.50 45 blk bwf Highland 490@288.00 11 blk McLouth 517@283.00 Horton 538@280.00 9 blk Ozawkie 534@275.00 13 blk Seneca 554@264.50 33 mix Atchison 555@261.00 15 blk bwf Onaga 588@248.00 89 blk bwf Highland 612@247.25 6 blk Ozawkie 634@234.00 8 blk bwfMcLouth 728@217.00

STEERS

WWW.HOLTONLIVESTOCK.COM Holton 740@203.00 14 mix 502@145.00 5 hols Whiting HEIFERS

3 blk Seneca 336@280.00 5 blk bbf Highland 335@278.00 15 blk Seneca 422@257.00 Ozawkie 475@250.50 26 blk bwf Onaga 498@246.00 65 blk bwf Highland 526@244.00 SilverLake517@240.00 Sabetha 535@225.00 13 blk 33 blk bwf Highland 613@223.50 11 blk bwf McLouth 655@209.00 22 mix Holton 641@203.00 45 mix Holton 719@191.75 69 blk bwf Holton 787@189.00 11 blk bwf BonnerSprings 721@188.00 Sabetha 1207@171.00

Dan Harris, Auctioneer & Owner • 785-364-7137 Danny Deters, Corning, Auct. & Field Rep • 785-336-1622 Dick Coppinger, Winchester, Field Rep. • 913-683-5485 Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417 Larry Matzke, Wheaton, Field Rep. • 785-268-0225 Craig Wischropp, Horton, Field Rep. • 785-547-5419 Mark Servaes, Atchison, Field Rep. • 816-390-2549 Barn Phone • 785-364-4114

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LIVESTOCK AUCTION, INC.

316-320-3212

lb. steers, \$240-\$261; heifers, \$215-\$251; 500-600 lb. steers, \$220-\$259; heifers, \$201-\$225.50; 600-700 lb. steers, \$218-\$248; heifers, \$180-\$211; 700-800 lb. steers, \$205.25-\$210; heifers, no test; 800-900 lb. steers, \$191-\$204.50; heifers, \$164-\$176. Trend on Calves: Steady to firm on an uneven test. Trend on Feeder Cattle: Steady to slightly better on thin supply. Butcher Cows: High dressing cows \$91-\$102; Avg. dressing cows \$80-\$90; Low dressing cows \$65-\$80. Stock Cows: Cow/Calf Pairs: \$1300-\$2650. Butcher Bulls: Avg. to high dressing bulls \$117-\$120. Trend on Cows & Bulls: Steady. Some Highlights Include:

come inginignic menaci				
	HEIFERS		STEERS	
2 bwf	330@247.00	3 blk	300@271.00	
4 blk	439@240.00	3 blk	459@257.00	
12 blk	471@251.00	10 blk	480@261.00	
10 mix	514@210.00	9 blk	549@259.00	
36 mix	544@225.50	10 mix	560@239.50	
16 mix	612@211.00	9 mix	643@241.00	
3 blk	717@180.00	29 mix	774@205.25	
3 mix	823@176.00	38 mix	807@204.50	

Next Sale: Thursday, May 4

- 35 Fancy Red Angus first calf pairs, calves are Red Angus sired,
- 1200-1250lb pairs, selling due to drought 33 black & bwf 4 year old fall pairs, home raised & bred back to
- Angus bulls 71 black & bwf fall pairs, running age, bred back to registered
- Angus bulls
- 30 black & red Angus heifers, replacement quality, 850-900lbs 14 black 6-7 year old pairs, Feb-Mar calves at side
- 50 mixed steers & heifers, weaned, 500-600lbs
- 50 Red Angus steers & heifers, weaned, 500-600lbs • 35 mixed heifers, long weaned, 600-800lbs

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ELITE CATALOG HORSE SALE

featuring high caliber ranch & roping performance horses

Saturday, May 6 * ELDORADO, KS * 1 PM

STRUCTURED PREVIEW * OPEN TEAM ROPING FRIDAY, MAY 5, 4 PM

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If you have cattle to consign or would like additional information, please call the office at 316-320-3212

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Van Schmidt Auctioneer/Fieldman (620) 345-6879 **Charly Cummings** Auctioneer/Fieldman (620) 496-7108 **Brandon Fredrick** Fieldman (620) 204-0841

Cattle Sale Every Thursday 11:00 AM

Kansas House honors Kathy Patton Strunk for induction into NAFB Hall of Fame



Representative Ken Rahjes of Agra and Representative Lisa Moser of Wheaton honored Kathy Patton Strunk during a session of the Kansas House for being inducted into the Hall of Fame of the National Association of Farm Broadcasters. Her plaque is on the wall at the National Ag Hall of Fame at Bonner Springs. The recognition was requested by former Representative Sharon Schwartz of Wash-

WOULD YOU LIKE TO BE AN EXHIBITOR AT THE

NOV. 7 & 8, 2023 - IN MANHATTAN

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S & GR

Weather History

to the drought-stricken central United States. Evening 4/21

thunderstorms produced large hail in North Carolina. Hail 4/22

the size of baseballs was reported just west of

May 3, 1988 - Thunderstorms brought much needed rains Date Degree Days

SATURDAY, MAY 13, 2023 * 9:00 AM

LOCATION: K-14 Auction Center, 10919 S. K-14 Hwy. - HUTCHINSON, KS 67501 VINTAGE **FURNITURE & HOUSEHOLD** ITEMS: Kitchen Aid Refrigerator; Whirlpool Washer and Dryer; Chest Freezer; Wash Stand; Wooden Rockers; Single and Dbl Beds; Old Quilts and Blankets; 2 and 3 Pc Bedroom Suites; Knee Hole Desk; Roll Top Desk; Curio Cabinet: Lawvers Bookcase: Samsung and Insignia Flatscreen TV; Night Stands; Book Case; Sofas and Recliners; Love Seats; Telephone Desk Chair; Coffee Tables; Parlor Chairs; Hall Chair; Grandfather Clock; Wardrobe; Dining Table and Chairs; Vintage Clothes Chest; China Hutch; House Fans; Vintage Pictures and Frames; Wall and Mantle Clocks; World Globe; Jewelry Chests: Shadow Boxes: Lots of Knick Knacks; Sunbeam 30 cup Percolator; Various Lamps; Haviland Fine China; Noritake China; Silverware Sets; Glass Showcase; Lots of Clean Glassware; Graniteware; Pots and Pans; Cleaning Supplies; World Books; Suitcases; Cardtable and Chairs; Games, Puzzles and Books; Stereo and Speakers: Bakeware: Cutting Boards: Rolling Pins; Canning Jars; Granite Cookers; Picnic Baskets; Plank Bottom Rockers and Chairs; Dressers; Chest of Drawers; Cedar Chest; Blankets; Doilies; Lots of Bedding; Typewriter; Patio Furniture; Bird Bath; Yard Art; plus more misc.

Local UV Index

0-2 3 4 5 6 7 9 10 11

0-2: Low, 3-5: Moderate, 6-7: High



Kitchen Scales: Mini Cast Cookstove: Cast Sad Irons: Red Wing Crocks; Brass Grain Probe Collection; Butter Churns; Painted and Depression Lamps, Wall Lamps; McPherson Advertising Pcs; Bell Collection; Angel Collection; Vintage Bath Set; Vintage Hats and Boxes; Coal Buckets; Wooden and Mini Levels; Large Mortar and Pestle Collection: Hull and Roseville Pottery Collection; German Bowls; Rolling Pins; Butter Molds; Spice Coffee Grinder Match Box Holders; Nail Kegs; Tonka and Ertl

Cat D-4 Dozer

Toy; Mini Anvils and Oil cans; Brass Fire Extinguishers; Brass Grain Scales; Copper Boilers Brass Ducks and Animals; Vintage Metal Pop corn Poppers; Brass, Leaded Glass and Pitcher Pump Lamps; Brass Canister Set; Large Plumb Bob Collection; Wooden and Stanley Planes; Model Cars and Trucks; Brass Spittoon; Brass and Granite Tea Pots; Cream Cans and Buckets; Vintage Coolers; Apple Peelers; Cherry Pitters; Misc Crocks; Coal Buckets; Vintage-Dillon Wooden Shopping Basket; Lincoln Logs; Wood en Tool Boxes; Fountain Pens; Cuckoo Clock plus many more items not listed.

Growing Degree Days

4/25

4/26

4/27

Degree Days

GUNS & MISC.: Rem. M-870 12 ga. Shotgun Rem. and Mossberg 22 cal Rifles; H & R M-999 22 cal Revolver; Various Handguns; Old Vintage Wallhanger Guns: Lots of Ammo and Wooder Boxes; Pocket Knives; plus more.

SHOPTOOLS: Stihl Electric Chain Saw (like new) Craftsman Air Compressor; Craftsman Dbl Stack Tool Chest; Stay True Transit; Skil Saw; Shop Fans; Breast Drill; Dirt Devil Vac; Hand Miter Saw; Lots of Hand Tools; Crescent Wrenches; Hammers; Misc Sockets and Wrenches: much more

NOTE: Wow, what a collection!! This Martens family lifetime collection is one of the best and cleanest ever offered for public auction. Here is one you don't want to miss, as the quality is up and beyond!!! The family has requested to conduct the auction at the K-14 location, so make sure and change location on your schedule as it was originally posted for the Inman location. SELLER: FLORENCE MARTENS - Estate of JOHN MARTENS

Farm AuctionsAntiques Real Estate Livestock

STEER & BULL CALVES

2 blk strs

2 blk strs

2 blk strs

3 blk bulls

3 blk/bwf strs

3 blk/char strs

6 blk/red strs

3 blk/red strs

2 blk/red strs

18 blk/red strs

8 blk/bwf bulls

11 blk/bwf strs

4 blk/red strs

2 blk/bwf strs

2 x-bred bulls

6 blk strs

4 blk strs

6 wf strs

8 blk strs

2 blk bulls

3 bwf strs

5 char strs

3 blk/bwf strs

2 blk strs

3 blk bulls

2 blk strs

10 blk/bwf bulls

 Estates Equipment Terms: Cash, Credit Card or Check

With Proper ID

Morris ODER N Morris Yoder, Auctioneer/Realtor, 620-899-6227/Associate Realtor/Auctioneer w/Riggin & Company

Cattle

596 @ 240.00

615 @ 237.00

645 @ 233.00

625 @ 230.00

652 @ 226.00

560 @ 225.00

732 @ 225.00

667 @ 215.00

771 @ 207.00

801 @ 206.00

817 @ 205.35

873 @ 204.60

825 @ 202.75

856 @ 195.50

775 @ 193.50

881 @ 192.75

868 @ 192.00

826 @ 186.00

949 @ 184.75

985 @ 183.00

968 @ 182.75

400 @ 254.00

445 @ 248.00

447 @ 243.00

460 @ 243.00

343 @ 241.00

425 @ 240.00

410 @ 239.00

1019 @ 159.50

HEIFER CALVES

Morris Yoder Auctions • 620-899-6227 Email: morris_yoder@yahoo.com Website: morrisyoderauctions.com



NAA

10:30 AM

788 @ 149.00

955 @ 145.00

988 @ 137.00

1 char cow

2 blk cows

1 blk cow

1 bwf cow

3 blk cows

2 blk cows

2 blk cows

2 blk cows

1 blk cow

1 blk cow

1 bwf cow

1 blk cow

2 blk/bwf cows

2 blk/bwf cows

2 blk hfrs

2 blk hfrs

2 blk/bwf hfrs

320 @ 236.00

363 @ 235.00

398 @ 232.00

Tuesdays

11 blk cows

1 blk cow/cf

1 red cow/cf

1 blk bull

1 blk bull

1 blk bull

1 blk bull

3 blk cows/cvs

1 blk cow

@ 1225.00

@ 1160.00

@ 1025.00

@ 2000.00

@ 1435.00

@ 1375.00

@ 850.00

1845 @ 121.00

1230 @ 120.00

2015 @ 119.00

2375 @ 118.00

COW/CALF PAIRS

BULLS

1030 @ 95.00

1198 @ 94.00

1280 @ 93.00

1265 @ 92.00

1218 @ 91.00

1083 @ 89.50

1093 @ 89.00

1115 @ 87.50

1248 @ 86.00

1120 @ 84.00

1110 @ 83.00

1035 @ 81.00

1165 @ 80.00

We sold 1550 cattle April 25. Steer & heifer calves sold at steady prices. Feeder steers & heifers were steady to

275 @ 281.00 4 blk strs

\$5.00 higher. Cows & bulls were steady to \$5.00 higher.

26 blk/red strs

4 blk strs

3 blk strs

3 blk strs

4 blk strs

21 blk strs

6 blk strs

5 x-bred strs

125 blk/bwf strs

60 blk/red strs

61 blk/bwf strs

8 blk/char strs

58 blk/bwf strs

61 mix strs

61 blk strs

11 blk strs

64 mix strs

4 blk strs

60 mix strs

61 mix strs

4 blk/bwf strs

15 blk/bwf hfrs

4 blk/bwf hfrs

5 blk hfrs

3 blk hfrs

2 blk hfrs

2 blk hfrs

Or Buy

360 @ 272.00

445 @ 272.00

353 @ 263.00

355 @ 261.00

420 @ 261.00

472 @ 261.00

398 @ 259.50

422 @ 259.00

468 @ 258.00

443 @ 255.00

345 @ 254.00

469 @ 253.00

442 @ 251.00

480 @ 250.00

486 @ 247.00

534 @ 246.50

413 @ 245.00

503 @ 244.00

358 @ 240.00

517 @ 238.00

455 @ 236.00

509 @ 235.00

451 @ 233.00

433 @ 232.00

518 @ 231.00

612 @ 241.00

619 @ 241.00

STOCKER & FEEDER STEERS 2 blk hfrs

Auction

2 blk/bwf hfrs 903 @ 150.00 WATCH OUR AUCTIONS LIVE ON DVAuctions.com

4 blk/red hfrs 341 @ 230.00 5 blk/red hfrs 969 @ 131.00 417 @ 230.00 3 blk hfrs 341 @ 230.00 **COWS & HEIFERETTES** 4 blk/bwf hfrs 730 @ 161.00 3 blk hfrs 417 @ 230.00 1 blk hfrt 4 blk/bwf hfrs 475 @ 230.00 885 @ 148.00 1 blk hfrt 2 blk/red hfrs 413 @ 228.00 980 @ 144.00 2 blk/bwf hfrs 485 @ 223.00 2 blk hfrts 1023 @ 142.00 5 blk hfrs 520 @ 216.00 840 @ 139.00 1 blk hfrt 9 wf hfrs 503 @ 215.00 1 wf hfrt 1245 @ 134.00 1100 @ 133.00 7 blk/bwf hfrs 519 @ 210.00 2 blk hfrts 3 wf hfrs 367 @ 209.00 1 blk hfrt 1085 @ 130.00 1035 @ 128.00 4 blk hfrs 543 @ 201.00 1 bwf hfrt 6 blk/red hfrs 423 @ 200.00 1 blk hfrt 840 @ 125.00 930 @ 123.00 1 blk hfrt STOCKER & FEEDER HEIFERS 1 char hfrt 910 @ 120.00 1320 @ 118.00 7 bwf hfrs 614 @ 201.50 1 red cow 595 @ 200.00 13 x-bred hfrs 1 blk cow 1235 @ 115.00 1290 @ 110.00 59 blk/red hfrs 769 @ 186.50 1 blk cow 5 blk hfrs 630 @ 185.00 1 blk cow 1160 @ 109.00 1420 @ 106.00 57 blk/red hfrs 819 @ 183.50 1 blk cow 65 blk/bwf hfrs 844 @ 182.10 1 blk cow 1460 @ 105.00 1530 @ 103.00 7 blk/char hfrs 741 @ 174.50 1 blk cow 4 blk hfrs 701 @ 170.00 1 blk cow 1445 @ 102.00 3 wf hfrs 685 @ 169.00 1 blk cow 1570 @ 101.00 9 blk hfrs 868 @ 165.00 2 blk/bwf cows 1260 @ 99.50 3 blk hfrs 702 @ 163.00 2 blk/bwf cows 1355 @ 98.00 2 blk/char hfrs 813 @ 151.00 1 blk cow 1330 @ 97.00

1400 @ 96.00

3 blk cows 1008 @ 77.50 1 char bull 2415 @ 116.00 red bull 1815 @ 115.00 **BRED COWS** 1 char bull 1595 @ 114.00 1 blk cow @ 1385.00 1 blk bull 1215 @ 113.00 2 blk/red cows @ 1375.00 1 blk bull 1340 @ 112.00 1 blk cow @ 1335.00 1 blk bull 1730 @ 109.00 2 blk cows @ 1325.00 1 blk bull 2250 @ 105.00 1 blk cow @ 1235.00 1 blk bull 2245 @ 100.00

1088 @ 88.00 1 blk cow/cf

CONSIGNMENTS FOR TUESDAY, MAY 2, 2023:

- 15 blk strs & hfrs, 350-400 lbs., vaccinated
- 20 blk strs &hfrs, 450-500 lbs., vaccinated
- 25 blk strs & hfrs, 500-600 lbs., vaccinated
- 62 blk red steers, 850-875 lbs.
- 60 blk char steers, 925-950 lbs.

61 blk xbred steers, 925-950 lbs.

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

FOR INFORMATION OR ESTIMATES

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