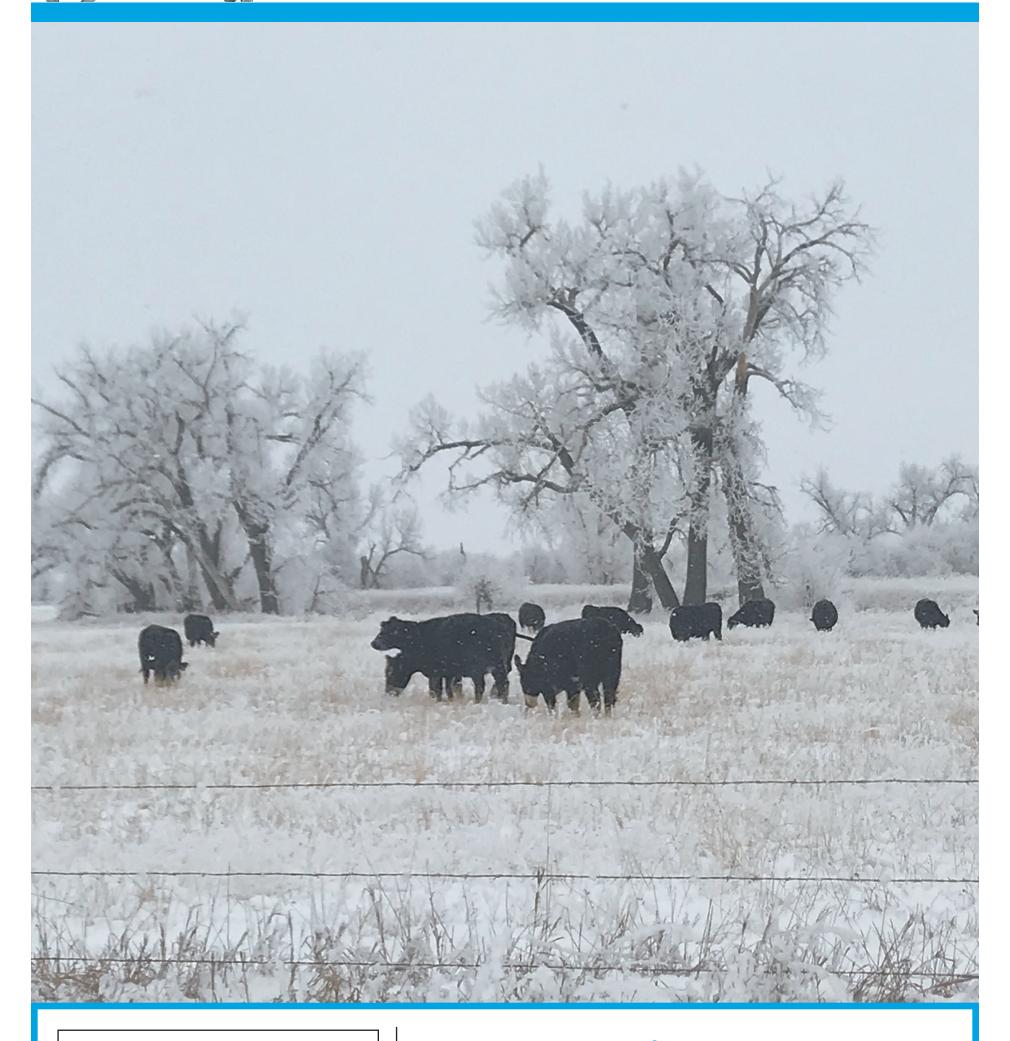
SOUTH DAKOTA

ANGUS NEWS



SD Angus News is published by RL Publications, Philip, SD
Sponsored by the South Dakota Angus Association

Special insert in the January 25, 2023 edition of *The Cattle Business Weekly*

Inside this Issue:

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Our Own Set of Challenges

It has been a wild couple weeks for all of South Dakota with blowing snow and below zero temperatures to 20+ inches of snow. The weather is always a challenge for ranchers and farmers but this year has seemed like a true test of grit.

As Angus and cattle producers we are tasked with our own set of challenges. How can we select genetics that will allow our cattle to withstand extreme weather? What traits should I focus on to become the most profitable during challenging times?

Evolution would tell us the answer to those questions is survival of the fittest, meaning the genetics of animals that cannot withstand extreme conditions will be extinguished over time. Our goal as producers is to out-pace natural selection. If you would survey 1000 Angus producers from across the country, you would get 1000 different answers to those questions above. One of the Angus Association's greatest advantages is the amount of diversity among its breeders. While operations in South Dakota are looking to produce cows and calves to withstand blizzards and 20+ inches of snow, a rancher in Florida is finding genetics to improve heat stress and humidity.

Research into tracking markers in the genome for cold resistant cattle is being done in several parts of the world that experience sub-zero temperatures for long durations of time. The goal of this research is to create selection tools



for cold resistant cattle that eat less and maintain BCS during times of extreme cold.

The growth of the associations database and inclusion of new EPDs such as HS and PAP have allowed genetic assistance in handling some of mother nature's challenges. I hope the rest of the year brings fair weather and good moisture for all.

- Christy Winckler, SDAA President

SD Angus Association Directors



Christy Winckler • President Olivet, S.D.



Lee Kopriva • Secretary Raymond, S.D.



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Blake Eisenbeisz • **Director** Bowdle, S.D.



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Sept. 15-16, SD Angus Tour

The South Dakota Angus Tour will take place Sept. 15-16, 2023 in the northwest portion of the state.

Angus operations that will be part of the tour include: Rounds

Angus, Turtle Creek Angus/Ingalls Centennial Angus, Pine Creek Angus, and D Lazy T Angus, Sletten Angus, Schauer Angus and Garrigan Land & Cattle.

Nov. 3-6 **National Angus** Convention

The 2023 National Angus Convention will be held in Orlando, Florida on November 3-6, 2023. For more information check out www. angusconvention.com.

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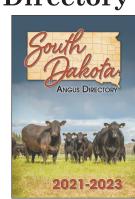
Plan to be Part of Angus Directory

This is the year for a new South Dakota Angus Directory.

You will want to be part of this directory as either an advertiser or listed as a South Dakota Angus member.

All paid up members will be listed. If you need to pay your dues or want to become a member of SDA please fill out the below membership form.

To place an advertisement you will want to contact Malvnda Penner at 605-929-7314. Ads are due by June 1, 2023.



SD Angus News

Sponsored by South Dakota Angus Association Published by RL Publications, Inc., Philip, SD

Future Publications:

February 22, 2023

Advertising deadline

Sales

August 30, 2023

Advertising deadline

August 18, 2023

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Farm or Ranch ____ City _____ State ____ Zip ___ | Operator(s) _____ Phone ____ Phone _____ Operator(s) Phone Operator(s) E-mail Address/Fax # _____

Return to: Christy Mogck-Winckler, Treasurer • 42083 282nd St. • Olivet, SD 57052

February 10, 2023

Contact Information: The Cattle Business Weekly

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Kadon Leddy: (605) 924-0757

From the Field with Rod Geppert

Making a List of Priorities for Bull Selection Season

With the bulk of the bull sales to begin here in Region 6, it's time to make yourself a "shopping list". Maybe a "priority-list" would be better termed here to use as a guide before sorting through pages of salebooks, hours of videos and live evaluations to make better, more informed, and quicker decisions at a bull sale.

So what is on your "priority-list"?

Calving Ease

If breeding heifers is primarily the priority, Calving Ease Direct (CED) or birth weight (BW) EPD numbers are critical. Look at the bull's actual birth weight along with visual appraisal of the bull. A nice headed, long bodied, smoother shouldered bull that is structurally and repro-

ductively sound are some of the physical attributes to look for. Find the bull that meets your requirements on paper and then view the bulls. If you don't like his look, cross him off the list. Your main goal here is a live calf. Determine the level of performance you want out of your "heifer" bull and remember the main priority for his service. Obviously if you are in need of a "cow bull" that services only mature cows, don't be afraid to use higher-birthweight-EPD bulls and larger actual birthweights.

Carcass Merit and Values

If your priority is to retain ownership on home-raised calves until slaughter or sell calves at weaning, your priorities are different. \$W value is a number to look at if you sell calves right off the cow and \$B is a value that needs to be considered if retained ownership of calves is a priority of the operation. In addition, there is a \$C value to be considered when both maternal and terminal sire traits are desired. These numbers will change as the markets change from year to year, so don't get hung up on a particular \$Value number as these change from year to year. Look at percentile rankings to see where the bulls are ranked.

Milk

If your priority is to retain females in the herd, then a reasonable milk number should be considered that fits your management and herd. If the bull you are looking for is predominately a "terminal" sire, then a Milk EPD is not significant at all.

Visual Appraisal

Although almost impossible to measure, but extremely important is a young sires overall appearance. Look for bulls that are structurally correct, good footed and reproductively sound. Calving ease bulls for use on heifers should "look" like bulls that will calve easy and young sires that will add power and mass should look accordingly.

Genomically Enhanced EPD's

You will find many Angus seedstock producers offering bulls that have been genomically tested to enhance the EPDs of their bull offering. This technology tool will give you an idea of what the EPDs will look like on a young sire with an equivalent of up to 20 head of offspring, with performance and other data reported. As we all know a young sires EPDs change once data has been recorded and numbers change from when the bull was purchased. Genomically enhanced EPDs give you a head start on what can be expected on a young sire.

Maternal and Performance

Most cow calf operations like a balance of maternal and performance genetics within their herd. Going to extremes in either direction is likely never a good idea, but a balanced approach is probably something to consider. I think it's importan to evaluate not only the genetics of a seedstock producer's offering, but also how the cattle are managed. Do you manage your herd in the same way? Do they share a similar environment? Will they thrive in your conditions and meet your goals?

In summary, these are just a few of the quick things that may help you during the bull sale season. Making a list of your priorities of bull



Rod Geppert

selection and sticking to it, will help you quickly sort through an offering to find the best bull for your program.

Once again, I look forward to helping cattlemen seek new herd sires or replacement females for their operation, in addition to answering questions about product and services of the American Angus Association. If you need assistance in understanding EPD and performance data that bests fit your operation or help in marketing your business through the Angus Journal, Angus Beef Bulletin, and other Angus Media products. give me a call.

Please contact me by email rgeppert@angus. org or (605) 295-3673.

Rod Geppert –
 Regional Manager of the
 American Angus Association



Nevada & Krisann Miller • Mandan, ND 701-527-2571 cell • 701-663-9076 shop • nevada.miller35@gmail.com



South Dakotans go judging





AAA PHOTOS

South Dakota Angus breeders Scott Bush and Steve Mohnen both judged Angus events at the National Western in Denver this year. (Left photo) Bush judged the ROV Angus Show while (Above photo, second from right) Mohnen judged the Pen and Carload Shows

The 51st Annual
THOMAS RANCH BULL SALE
APRIL 11, 2023

1:00 pm at the Thomas Ranch Sale Tacility
HARROLD, SD

100+ ANGUS BULLS SELL!!

Sire Groups represented by G A R Home Town, Schiefelbein Goldfinger 60,

Deer Valley Growth Fund, S A W Sonic Boom, Tehama Patriarch F028,

44 Brigade, HPCA Veracious, and more...



TR BAKER

G A R Ashland x TR Ms Moneyline 6063D | Owned with Grimmius Cattle
Top 1% WW, YW, CW, \$AxJ, \$B, \$C. Top 2% YH, MH, \$G, \$AxH, Top 3% Marb, \$W, \$F



Vollmer Angus Ranch

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Tuesday, April 4th

I pm CDT · At the Ranch

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www.vollmerangus.com A

Angus Shows at National Western Stock Show

The Champion bulls have been named on The Hill for the 2023 Super ROV Angus Show.

The Champion Angus bull was Lazy JB Ego 1428 owned by C-5 Angus, Ancona, IL; Dameron Angus Farm, Lexington, IL; Lazy JB Angus, Montrose, CO and bred by Lazy JB Angus of Montrose, CO.

The Reserve Angus bull was Riverstone Vegas 49H owned by Coor Cattle, Greenfield, OH; Zane Ward, Abilene, KS; Six Mile Ranch, Fir Mountain SK, Canada and bred by Timothy Chas Matthews of Olds AB, Canada.

The Champion Senior Yearling Bull was Riverstone Vegas 49H owned by Coor Cattle, Greenfield, OH; Zane Ward, Abilene, KS; Six Mile Ranch, Fir Mountain SK, Canada and bred by Timothy Chas Matthews of Olds AB, Canada.

The Reserve Senior Yearling Bull was DAJS Rebellion 308 owned by Doug Angus Satree of Montague, TX.

The Champion Junior Yearling Bull was Lazy JB Ego 1428 owned by C-5 Angus, Ancona, IL; Dameron Angus Farm, Lexington, IL; Lazy JB Angus, Montrose, CO and bred by Lazy JB Angus of Montrose, CO.

The Reserve Junior Yearling Bull was VL Spartan 2197 bred and owned by Payton Voloshin of Craig, CO.

The Champion Intermediate Bull was Lakeview Colonel 2125 bred and owned by Lake View Angus of Mead, CO.

The Champion Senior Bull Calf was DS PHF Hitlist 2021 owned by Gil Ray Cowles, Rockfield, KY and David Smith, Boulder, CO and bred by Bruce & Julie Barrick, Alvaton, KY.

The Reserve Senior Bull Calf was Hartz Avenger 05 8685 bred and owned by Elsie Hannah Rogers of Wilton, IA.

The Champion Junior Bull Calf was Lazy JB Royal Edge 2428 bred and owned by Lazy JB Angus of Montrose, CO.

The Reserve Junior Bull Calf was Chestnut Regiment 972 bred and owned by Wesly Glenn Johnson of Pipestone,

The Champion Summer Bull Calf was DAJS Line Drive 928 bred and owned by Doug Satree of Montague, TX.

The Reserve Summer Bull Calf was Lazy JB Westbound 2742 bred and owned by Lazy JB Angus of Montrose, CO.

The Champion Angus Female was SCC Heart N Sole 153 owned by Delaney Jones of Harrod, OH and bred by Crall Cattle Company of Albia, IA.

The Reserve Angus Female was Seldom Rest Sandy 2030 owned by Jack Dameron of Towanda, IL and bred by Seldom Rest Farms of Niles,

The Champion Junior Yearling Heifer was Seldom Rest Bardot 1030 owned by Alyson Friesen of Arnett, OK and bred by Seldom Rest Farms of Niles, MI.

The Reserve Junior Yearling Heifer was PVF Proven Queen 1033 bred and owned by Amelia Marie Miller of Gridley,

The Champion Intermediate Heifer was SCC Heart N Sole 153 owned by Delaney Jones of Harrod, OH and bred by Crall Cattle Company of Albia,

The Reserve Intermediate Heifer was MLA Proven Queen 2156 owned by Dakota Allen of Ottawa, KS and bred by Meadow Lake Angus of Patoka,

The Champion Senior Heifer Calf was SCC CB Phyllis 1114 owned by Ella Brooks of Prophetstown, IL and bred by J Gordon Clark of Gretna, VA.

The Reserve Senior Heifer Calf was RW Stylish Sandy 109 owned by Jayce D Dickerson of Paradise, KS and bred

additional upward pressure on financing costs.

The outlook for farm finances remained favorable alongside elevated commodity prices, but increased interest rates, challenging

by Rocking W Angus of Waterford, CA. The Champion Senior Heifer Calf was SCC CB

Phyllis 1114 owned by Ella Brooks of Prophetstown, IL and bred by J Gordon Clark of Gretna,

The Reserve Senior Heifer Calf was RW Stylish Sandy 109 owned by Jayce D Dickerson of Paradise, KS and bred by Rocking W Angus of Waterford, CA.

The Champion Junior Heifer Calf Division 2 was Seldom Rest Sandy 2030 owned by Jack Dameron of Towanda, IL and bred by Seldom Rest Farms of Niles, MI.

The Reserve Junior Heifer Calf Division 2 was SCC Phyllis 221 owned by William Robert Manning of New Albany, MS and bred by Emily Brooks of Prophetstown,

The Champion Junior Heifer Calf Division 1 was SCC LaFrentz Phyllis 240 owned by Mercedes Ferree and bred by LeFrentz Cattle of Thedford, NE.

weather conditions, and high production costs remained key concerns. Higher expenses contributed to a rebound in lending during 2022, but strong farm income and liquidity likely has lim-

The Reserve Junior Heifer Calf Division 1 was SCC SFC Phyllis 230 owned by Ella Brooks of Prophetstown, IL and bred by Cade Dalton Stertzbach of Louisville, OH.

The Champion Summer Heifer Calf was Seldom Rest Sandy Jo 2123 owned by Kathryn Coleman of Modesto, CA and bred by Seldom Rest Farms of Niles, MI.

The Reserve Summer Heifer Calf was RW Saras Dream 211 owned by Cora Habein of Bend, OR and bred by Rocking W Angus of Waterford,

The Champion Cow/ Calf Pair was 7/s Lucy 517 owned by Xander Sundsbak of Des Lacs, ND and bred by Madison Sundsbak of Des Lacs,

The Reserve Cow/Calf Pair was Blairswest Erica 5H owned by Tymber Billman of Blackfoot, ID and bred by Maguire Blair of Drake, SK.

ited financing needs of many producers. Looking ahead, however, elevated operating expenses could put additional upward pressure on loan demand.

Kansas City Fed

Rebound in Farm Lending Continues

Farm lending activity continued to increase gradually alongside further growth in loan sizes. The average size of non-real estate farm

loans was about 20% higher than a year ago and drove an increase in lending volumes for the fourth consecutive quarter. At the same time,

average interest rates on farm loans rose sharply alongside higher benchmark rates and reached a 10-year high, putting

Angus Ranch



51st Annual

Genetic Advantage Bull Sale SAT., FEBRUARY 25, 2023

1 PM CST

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For more information contact: **Stuart Johnson** 605-845-3221 • 605-848-2818

Bailey Johnson 605-848-2082

johnsonroseangus@gmail.com

2023 Angus Foundation Heifer Package sells for \$130,000

Ingram Angus LLC of Tennessee purchases bred heifer Coleman Chloe 173 at the National Angus Bull Sale in Oklahoma City.

Since 1980, the Angus Foundation Heifer Package has been sold to generate unrestricted funds to further its mission of supporting education, youth and research for the breed. This year, Ingram Angus LLC of Pulaski, Tenn. purchased the Foundation Heifer Package, donated by Coleman Angus of Charlo, Mont. The pack-

Free online ag economic

South Dakota State

The monthly series Dec. 15.

Registration is free and participants can join from the comfort of their home

Potential topics include production input costs, market outlook, insurance options, and macroeconomic issues.

Heather Gessner, SDSU Extension Livestock Business Management Field Specialist, said she'll announce the topics one to two weeks before each session. Each month is different and focused on timely topics and current events to help farmers and ranchers navigate the ag economy as

provide the information and education, and tie in resources for assistance," Gessner said. "We hope to teach you something and give you the ability to do it

Discussion is encouraged, she said. The sessions usually bring in an audience that includes farmers, ranchers, lenders, insurance agents and other educators.

Economics Dialogues, visit the SDSU Extension events page. One-click registration for the entire year

Business Management Field Specialist, at Heather.Gessner@sdstate.edu or 605 - 782 - 3290.

age sold to lead off the National Angus Bull Sale on Jan. 6 during Cattlemen's Congress in Oklahoma City and raised \$130,000 to continue the legacy of the Angus breed.

Coleman Angus generously donated Coleman Chloe 173 (AAA + *20076459) for the 2023 Angus Foundation Heifer Package. The bred heifer is the highest \$M valued Coleman Chloe female in the ranch's herd, with a pedigree comprised of the operation's most notable cow families. She is due to calve to Coleman Full Deck 118 on January 20. The heifer package also includes an Advanced Reproductive TechnoloOva Genetics, trucking to the buyer donated by Lathrop Livestock Services and 30 days of mortality insurance donated by Liberty Specialty Mar-

Coleman Angus is a family operation who prides themselves in placing emphasis on the power of the Angus cow. Through meticulous selection for maternal traits, they have grown a loyal base of customers who value their herd's genetics. The ranch hosts an annual bull sale in February, offering between 175 to 200 bulls, and holds a female sale each year in October.

"We couldn't be more thankful for the generos-

gy Package from Trans ity of the Coleman, Haag and Ingram families,' said Jaclyn Boester, Angus Foundation executive director. "The Coleman's brought us an outstanding female to offer, and coupled with the Ingram's generosity, the tradition of the Foundation Heifer Package continues to pave a bright future for the Angus breed."

> Funds raised through the sale of the heifer package will benefit the Angus Fund, which provides unrestricted dollars to further the Foundation's mission of education, youth and research. The Foundation supports a diverse set of efforts focused on ensuring a bright future



The 2023 Angus Foundation Heifer Package, donated by Coleman Angus of Charlo, Montana was purchased by Ingram Angus LLC of Pulaski. Tennessee for \$130,000 on January 6 at Cattlemen's Congress in Oklahoma City

for the breed. Academic raised more than \$2.7 scholarships, leadership conferences and cutting-edge research are among the many programs sustained by the Angus Fund.

The Angus Foundation Heifer Package has million since the inception of the program. For more information about the Angus Foundation or the annual Angus Foundation Heifer Package Sale, visit AngusFoundation.org.

discussions

University Extension will continue its Ag Economic Dialogues series in 2023 to address current economic issues that farmers and ranchers face.

began Jan. 20 and will continue the third Friday of every month until Dec. 15, 2023. Other dates for 2023 are Feb. 17, March 17, April 21, May 19, June 16, July 21, Aug. 18, Sept. 15, Oct. 20, Nov. 17 and

or business via Zoom.

it changes.

"In SDSU Extension, we or take it to the next step."

To register for the Ag is available.

For more information, contact Heather Gessner, SDSU Extension Livestock

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Sire: NWJ 135U 10W Decorby 27F ET • Dam: Gant Trust BW: 4.3 WW: 72 YW: 116 MM: 23

GANT PAYWEIGHT

GANT NJW DECORBY

Sire: A&B Payweight • Dam: Gant Resource BW: 1.3 WW: 69 YW: 121 MM: 28



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DVAuction

FEATURING ANGUS

Small Herd Meets Big Goals

By Sarah Hill

Sometimes cattle breeders have to take an unconventional route to chase their dreams. Zach Lutz, Valley Springs, S.D., is one of those who have taken the unconventional path. Today, he's a bona fide registered Angus bull seller, and working towards his goal of someday landing a bull with a major AI stud.

Career Change

Lutz grew up in a small town in Minnesota, but his grandparents had a hog and crop farm right outside of town. As a student at South Dakota State University, Lutz ended up getting a bachelor's degree in human development and family studies and a Master's in counseling and human resource development.

"I was working at the student union supervising students, and I realized that that wasn't what I wanted to do," he says. "I was trying to think of a way to get back into the an artificial insemination course through ABS.'

That AI course gave Lutz the confidence to approach Genex at a SDSU College of Agriculture, Food & Environmental Sciences career fair. The company was hiring for a dairy breeding technician. Lutz landed the job and worked for Genex for 6 years, followed by another 6 years with Select Sires.

The Business Breed

In the meantime, Lutz bought his first set of registered Angus heifers from Charles Mogck, a registered Angus breeder from Olivet, S.D. He sold those cattle in the early 2010s but got back into the business in 2016 by buying a couple of head at a South Dakota Angus Association sale, and Long U Cattle Company was established.

"I've had a small amount of cattle since then, and a passion for Angus cattle in particular," he says. "I've had

cattle business, and took about 10 pairs, max, at any given time."

Lutz says that it was the Angus breed slogan, "The Business Breed", that made the breed so appealing to him.

"I liked how registered Angus cattle work for commercial producers. seedstock producers looking to raise really good genetics, or even producers who are looking at the end product," he says. "Some producers cross Angus with other breeds to utilize their flexibility and get the most bang for their buck."

Lutz notes that, through his full-time position as a territory manager for Armor Animal Health, covering South Dakota and Nebraska, he's seen how well Angus genetics can work in crossbreeding scenarios, especially on dairies.

"With so much beef semen being used on dairy cattle, we're seeing high-quality, Angus-influenced calves coming out of the dairy pipeline," he says. "We're eliminating the Holstein bull calves going to the packers, and still getting a really good product out there, while utilizing Angus genetics and incorporating the dairy world into that. The carcass value of those crosses is still excellent."

Setting Goals

"My end goal is to sell the best bulls I can to other commercial or purebred breeders," he says. "As a smaller operator, I'm always looking for high-end sires to breed my females to. When you're starting small, trying to get your name out there with good cattle, you've got to be more willing to spend money on more popular bulls. I look at it as an investment in marketing."

When it's time to make culling decisions, Lutz selects females for disposition, feet and legs, and even haplotypes (A set of closely linked genetic markers or DNA variations on a chromosome that tend to be inherited together.)

"Potential carriers don't last long with my small

BRYCE: 605.281.1627 BRADY: 605.281.9648

DVAuction



Zach Lutz and his wife. Alyssa, have three children: Briggs, 6: Remedey. 3; and Aida, I. They raise Angus cattle near Valley Springs, S.D. under the Long U Cattle Company name.

herd," he says. "Bulls have to make their own way based on their genetics. They go on feed in mid-August to prepare for the sale, and if they haven't done what they need to do by the time we sort for the sale, they don't stick around.'

Because Lutz works off the farm, his cattle are housed at Double J Farms, owned by Kipp Julson, near Garretson, S.D. Lutz sells his seedstock bulls in the Double J Farms annual sale.

"I'm so thankful and grateful to Kipp to allow me the opportunity to fulfill my dream of not only owning cattle, but also selling bulls," he says. "Kipp is a great mentor, both as a cattleman and on a personal level."

Since 2018, Lutz has sold seven bulls, with the first going to a producer near Montrose, S.D. He'll be selling five this January during the Double J Farms annual sale. His bulls have primarily gone to cattle producers West River, and one has gone to Nebraska.

"They're still with their herds and doing well, with strong fertility, passing their breeding soundness exams," he says. "My customers have been liking the calves out of their bulls so far."

Glimpse Ahead

Lutz intends to keep getting bigger and better with his herd, increasing the number of cattle and selling more bulls and eventually, selling females, too. The past couple of years, he's seen 90% of his calf crop as bulls, so retaining females to grow the herd has been challenging.

"Once we get big enough, I'd like to start renting my own pastures," he says.

The potential for registered Angus genetics continues to grow, so Lutz plans to continue selling phenotypically sound bulls that do well on their

"I'm trying to combine carcass value, maternal traits, fertility and phenotype for a well-balanced bull," he says.

Lutz is an active member of the Southeast South Dakota Angus Association and says that the connection has given him the confidence to reach out to any Angus breeder and ask what they think.

"I may not have the notoriety yet, but I always wanted to sell bulls, and now I'm providing cattle to cattle producers," he says. "It's great to expose my kids to the cattle, and if they eventually want to show cattle, we'll go down that route."

Lutz and his wife, Alyssa, have three children: Briggs, 6; Remedey, 3; and Aida, 1.



A Long U Cattle Company cow/calf pair.



Zach Lutz sells seedstock bulls in the Double J Farms annual sale.



SALE TIME: 1:00 PM

JOIN US FOR LUNCH PRIOR TO THE SALE





CHESTNUT EXTENSIVE 12 CHESTNUT UNITED x CONLEY EXPRESS 7211 AAA 20446623 | WW 87 | YW 143 | MILK 22



CHESTNUT FORCE 482 WILKS REGIMENT 9035 x R5 SOLUTION E111 AAA 20445954| WW 106 | YW 190 | MILK 31



CHESTNUT CONNECT 32 CHESTNUT UNITED x CHESTNUT UNITED AAA 20446625 | WW 62 | YW 106 | MILK 35



CHESTNUT GUARANTEE 762 CRAWFORD GUARANTEE 9137 x CHESTNUT LUCY HEATHER 09 AAA 20445961 | WW 99 | YW 174 | MILK 27



CHESTNUT REGULATE 522 WILKS REGIMENT 9035 x BARSTOW BANKROLL B73 AAA 20445967 | WW 80 | YW 145 | MILK 21



CHESTNUT REGIMENT 702 WILKS REGIMENT 9035 x WOODHILL MEL X219-A191 AAA 20445986 | WW 60 | YW 115 | MILK 34



CHESTNUT CREW 792 WILKS REGIMENT 9035 X CN DAISEY BEAUTY 763 AAA 20445981 | WW 88 | YW 153 | MILK 37



CHESTNUT GROWTH FUND 902 DEER VALLEY GROWTH FUND X CHESTNUT BEAUTY 66 AAA 20445982 | WW 69 | YW 123 | MILK 38



CHESTNUT INCREDIBLE 912 KR INCREDIBLE 8166 x WERNER FLAT TOP 4136 AAA 20445883 | WW 87 | YW 156 | MILK 29



CHESTNUT DAISEY BEAUTY 126 E G EYES ONYOU x CTS REMEDY 1T01 AAA 20140336 | WW 74 | YW 140 | MILK 23 **BRED TO 449 WAGON BOSS**



CHESTNUT ELAINE 175 AAA 20140354 | WW 71 | YW 131 | MILK 33 **BRED TO 449 WAGON BOSS**



CHESTNUT QUEEN LUCY 235 DEER VALLEY GROWTH FUND x HF UNTAPPED 58Z CHESTNUT REDEMPTION 38 x VISION UNANIMOUS 1418 AAA 20446445 | WW 82 | YW 144 | MILK 26 **SELLS AT THE BLACK HILLS STOCK SHOW**



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FEATURING ANGUS

Miller Angus Farms at Estelline, S.D. is celebrating its 100th anniversary

By Connie Sieh Groop

One hundred years of dreams will be celebrated in 2023 as the Miller Angus Farms of Estelline, S.D. rejoices in the legacy begun by their founders years ago.

According to family history, Gust Miller came over from Germany and started raising horned cattle in this area. In 1923, Gust and his son Eldon purchased their first registered Angus cows and Miller Angus Farms was started. They are now a world-known operation with some of the best calving ease and performance-oriented cow bulls on the market as well as having some of the best females with several pathfinder dams.

Kody Miller, 35, shares, "The most fortunate reward and I speak on behalf of myself and my brothers and cousins, is that we get the opportunity to carry on the legacy of our family ranch of running registered Angus cattle as fifth generation farmers and ranchers.

Without our parents and grandparents, great grandparents and greatgreat grandparents, none of this would be possible and we feel truly blessed to have the fortunate opportunity to do so. We could not be more thankful!"

"This is a family operation and will always be," Kody says. "It takes all of us to keep the wheels spinning and the cows grazing no matter what our individual responsibilities are. My brother Brady and I take leadership roles with the cattle. We have 500 head of momma cows. We breed and sell 300 bred heifers in the late fall or early winter. We market both registered and commercial-bred Angus heifers."

"It takes all of us to keep the operation moving forward whether it's farming, manure hauling, fencing, accounting and finances to the marketing of grain. Our dad Greg and Uncle Brett take charge of the farming from planting and spraying to marketing the grain. Then comes harvest time, our cousins Zach, Hunter and Camden all pitch in with both farming and running the livestock to make sure we all get things done. Our uncle Ryan is our mechanic and keeps all equipment running smoothly.'

How does the family keep going through the tough times through 100 years? Kody says, "We have a lot of faith. We don't let the praying knees get lazy. We live by the motto, 'What knocks you down, makes you stronger.' That resilience is passed down from generation to generation with no quitting allowed."

Working with their dads and uncles, brothers and cousins, each has a true passion for the cattle industry, it is in their blood. All went to college, and then came back home as this is their legacy. Kody says, "You get through the tough times, you learn to balance your options. You keep praying and having faith that God will show

you the light through the tough times. Some years it's a roller coaster, and you deal with the good and bad. We are lucky we have three generations working together in this operation."

Grandpa Don checks out the fences and puts out salt and mineral for the animals. Grandma Georgia tracks all the accounts and bookwork. "She's the glue that keeps us together and keeps us in line," Kody says. "Grandma also keeps us fed, keeps our jeans from getting too holey and, more importantly, is our biggest supporter."

Cousin Zach, 28, and Brady split up the chores and are in charge of feeding the cattle and the different feed yards which are a few miles apart. They use the technology app Performance Beef Analytics to balance their rations and keep everything in order from cost to gain on cattle to monitoring intake and health and basically monitoring everything to make they make the most efficient



Don and Georgia Miller and family are marking their 100th year in the cattle industry this March.

decisions for the cattle. They also have a herd nutritionist.

Brady uses the American Angus Association mobile app on his phone daily, to check pedigrees, look up cow production and performance and basically just keep up to date and organized within their cow herd.

Kody handles public relations and keeps in contact with customers and potential customers by making social media posts, sending out ads, flyers, marketing, etc.

Weather provides challenges for getting adequate feed supplies. Kody says, "We had just enough feed to get through the winter. A

lot of our alfalfa winter killed last year. We planted millet that turned out really well. We definitely need moisture. Creeks and stock ponds are dry. In the summer of 2021, we had to haul water to a bunch of pastures. We're praying for everyone to get enough moisture as we're not the only ones dealing with drought."

Inflation is a concern. Current prices are very good for feeders and fat cattle. Grain commodity prices are very solid and high as well. But making more money gets harder as costs increase for inputs such as feed, fuel, nutrition, vaccines, and just all around running a cow herd. There is a

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PALM Growth Fund 1011



PALM Growth Fund 1019



PALM Growth Fund 1012



PALM Maverick 9515-1031



Poss Elmaretta 0654 Also selling embryos by Sitz Incentive & Brookdale Brutus





PALM Regiment 1083



EA Miss Blackbird 0057 Also selling embryos by Sitz Incentive



MillBrae Ident Blackcap 7128 Also selling embryos by Sitz Incentive



CCC Pure Pride 1532 Also selling pregnancies by Brutus and No Doubt



Brookdale Jodie 260 Also selling embryos by Sitz Incentive

Miller Angus

Continued from page 10A

narrower gap to make a profit so thinking outside the box is crucial.

The family has started a progressive embryo transfer program, flushing some of their top cows along with some reputable outside donors.

"We improve the herd by taking the best cows, making the bottom end better and keeping the genetics from some of our top producing cows," Brady says. "We're not trend chasers or number chasers exactly. We like what we see and try to keep the balance and make sure everything is in check from the EPDS to the phenotype and design of our cattle. We were fortunate that our grandpa Don and great-grandpa Eldon focused on putting more of an emphasis on the numbers and performance, so we have generations of cows that are rich in good numbers and performance. We now look more on the phenotype approach, building stout, burley, big-bodied cattle that carry that easy fleshing, heavy muscled design that are most importantly, good structured and walk on good feet." Kody points out, "The momma cow is the biggest factor in these good bulls. The calves get 51 percent of their traits and quality from their dam and 49 percent from their sire. There are a lot of parts to the equation to get a really balanced calf and efficient cow herd."

For Brady, he appreciates being able to come back to the generational operation, to keep it going and see it progress in the future. "For me and Kody, working with our fellow breeders and customers is another reward. You meet great people and work with them. We develop friendships and relationships with people who purchase our animals and with people all over the country who run cattle. It's the best industry to be a part of. We are all one giant family, feeding the world."

Once in a lifetime purchase

In 2007, Grandpa Don Miller purchased Connealy in Focus 4925 from Connealy Angus in Nebraska. The bull ended up going viral after his first year of offspring had hit the ground and he was then leased to Accelerated Genetics in Wisconsin. That bull was in the top 25 for top registrations for two years in a row amongst the hun-

dreds of other bulls in the entire Angus breed. He was one of the top go-to calving ease bulls in the breed for quite a while. People all over the US and world used Connealy In Focus 4925. The semen from the bull was marketed across the world. It was shipped to Brazil, Argentina, Germany, Russia and many other places.

Kody says, "Grandpa had an eye for good genetics. He did a lot of business and focused on numbers. This bull that he purchased took our herd to the next level. Grandpa was very proud of that bull. Connealy 4925 was known for easy calving and producing outstanding performing individuals in the pasture and efficient finishing cattle in the feedlots."

The family retained the walking rights on the bull and got a percentage from the semen sales which provided a pretty good dividend for the family.

"At one point 50 percent of the cows in our herd came out of that bull," Kody says. "We still have 25 percent of our herd out of him and lots of granddaughters. He's in the pedigree of our animals in one way or another."

Because of their contact with people through semen sales, the family hosted a tour for Angus breeders from South America and Kazakhstan. "Through the tour, we met people from other countries and different cultures," Kody says. "By having them visit, we learned from them seeing our operation and discussed what they have. There is always a great opportunity to inject new ideas into our operation from learning from others on what they do in their specific operation. The tour made us realize how fortunate and blessed we truly are to live where we do."

The family has developed a customer base where 75 percent to 80 percent are repeat buvers. Kody says, "Customers have been buying our bulls and females for many years. We offer an incentive program by helping assist them in marketing their feeder calves and also buying their steers and heifers back that are primarily out of our bulls and putting the steers in the feedlot and breeding the heifers in the spring and selling them as breds in the fall. It's a great system and partnership to have with our customers. We work together and do business with some of the

top ranches and cattlemen in the region."

The family started its own bull sale in 1993 at Bales Continental Commission Company in Huron. Then during the Covid year, they moved the sale to Glacial Lakes Livestock in Watertown.

Kody says they wake up every day, thinking of ways to make the cow herd better and more consistent. It takes time to make progress in the cattle industry to meet the needs of registered or commercial customers. "We stand behind our product and keep growing all aspects of commercial industry."

Kody notes that many don't realize they run just as many ewes in their operation as cows. Brady says it takes more time and patience with the sheep. The family has always been progressive in providing cattle and sheep in the show industry. Lambs from

their operation have been shown in 30 plus states. "We have been fortunate to market show lambs and genetics all over the United States. We run our sheep flock like our cow herd though. We run a large and progressive embryo transfer program in the sheep flock as well. Grandpa Don got the showing itch at a young age when his dad, Eldon took him to the big Chicago Stock show in the mid-1900s. From there, we have showcased our genetics and herd at the state fair level as well as consigning cattle to the Sioux Empire Farm Show, Watertown Farm Show and Black Hills Stock Show."

"One of my goals is to exhibit a pen of three bulls at the National Western Stock Show in Denver some day," Kody says. "I think it's a great way to promote our ranch

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Miller Angus graze on open pastures near Estelline, S.D.



Don Miller purchased Connealy In Focus 4925 in 2007. The bull would go on to make his mark as a calving ease bull for the Angus breed.

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Accelerating positive momentum in the cow herd

Latest Angus University webinar discusses improving fertility and overall income.

Everyone wants cattle that breed easily, calve early and display good reproductive performance. Though this may sound simple enough, how do cattlemen achieve those things simultaneously?

"I'm a big fan of a concept called 'positive

momentum' because I believe really good reproductive success this year ensures really good reproductive success next year," said Dr. Bob Larson, a veterinarian with the Beef Cattle Institute at Kansas State University.

During the Angus University webinar, Keys to Reproductive Success: Female Edition, held Dec. 13, Larson shared tools and practices to help cattlemen achieve optimal success in their cow herds.

One way to achieve this goal is to benchmark a producer's current situation and compare it to a desired plan. For example, a producer with an eight percent open rate might set a goal of Larson's ideal open rate of five percent. This allows for a significant increase in earned income as earlier calving cows leads to heavier weaning calves and a faster rebreed window.

Larson also described the difference in reproductive success for firstcalf heifers. To meet the constraints of having an 83-day period for cows to rebreed and calve at the same time next year, Larson recommended heifers calve ahead of cows for their first calf. To help ensure heifers reach puberty at the right time, he advised assistance from your veterinarian.

"It is important for veterinarians to really evaluate the heifers to make sure each individual heifer and the group as a whole can reach puberty in time to get bred a little ahead of the cows," Larson said.



Cow puberty is primarily influenced by age and weight within breeds. Which leads to a common question, what is the appropriate target weight?

He explained how the onset of puberty is primarily influenced by age and weight within breeds. Which leads to a common question, what is the appropriate target weight?

"The real question is, what ration should I feed heifers to result in the desired number reaching puberty by the desired date," Larson said. He emphasized again how working alongside a veterinarian and nutritionist helps producers answer those questions.

Larson reiterated for producers to achieve this success in their operations, they must avoid the primary threats to positive momentum. These threats include having heifers who don't calve ahead of cows, calving in thin body condition, bulls that fail to successfully breed cows and diseases ending pregnancy. Avoiding these issues promises potential for success year after year.

To dive deeper into Dr. Larson's presentation, visit bit.ly/December-AUrecording. To learn more about Angus University webinars and the upcoming episode, Keys to Reproductive Success: Bull Edition, visit www. angus.org/Pub/Angus-NewsRoom/2023-cattlemens-congress-au-sescion

Miller Angus

Continued from page 11A

and showcase some of our genetics. Those who have not been to our ranch, or our sale could see our animals. It's definitely something the fifth generation of Millers are considering."

Big sale celebration

While plans are still in the works for the celebration on March 28, 2023, Kody is sure that Grandma will include a great top notch Certified Angus Beef meal on the day of the production sale.

"It will be our biggest sale offering with 130 bulls to sell, 30 females and bred heifers. Every year is a celebration as we do what we love, and we love to run these cows. The cows and cattle are

good to us. Sometimes we have long days and long nights, plus shed some sweat and tears but honestly, we wouldn't have it any other way. There is never a standstill moment on the ranch."

"It definitely takes all of us," Brady says. "God gave us this land He created. Our job is to fill the land with great quality cattle and be thankful for what we got and what God has provided for us. It's a great way of life."

"Our great-great grandparents had a dream, our great grandparents had a dream, our grandparents and our parents had a dream," Kody says. "We have a dream, and the goal is to fulfill those dreams and goals and continue the family legacy, only on a greater scale."





Drew Brown was found during the Angus events at National Western fitting for Styles Angus of Brentford, S.D.



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Meet Your New National Angus Leaders

The 139th Annual Convention of Delegates assembled November 7, 2022, in Salt Lake City, Utah. Five directors were elected to the board of directors, as well as a president/chairman and a vice president/vice chairman of the board. Jonathan Perry will serve as treasurer for the 2022-2023 term.

Elected officers are Chuck Grove, Forest, Virginia, president and chairman of the board and Barry Pollard, Enid, Oklahoma, vice president and vice chairman of the board.

Grove said the Angus breed is in a prime spot to lead industry advancement. "With the vast influence Angus has on the beef industry, the breed is looked to as leaders ready to navigate both opportunities and potential obstacles," Grove said. "The future of the industry and this great breed looks bright in the coming years, and while I have been devoted to the breed for a lifetime, the next year will be the most rewarding yet."

Elected to their first terms on the board of directors are Rob Adams, Union Springs, Alabama; Art Butler, Bliss, Idaho; Alan Mead, Barnett, Missouri; Henry Smith, Russell Springs, Kentucky; and Roger Wann, Poteau, Oklahoma.

Directors can serve up to two three-year terms on the board and, if elected, serve additional one-year terms in office as president/chairman and/or vice president/vice chairman.

Adams has been a lifelong resident of Union Springs where his grandfather established their current farm in 1936. For the last 83 years the family has raised registered Angus cattle, calving about 225 females, and timber on the 925-acre farm. They have an annual bull sale and host the Maternal Gems Female Sale. Adams co-owns a financial firm, Legacy Advisors, Inc., where he works with small businesses and individuals in financial planning and investment management. A leader in his community, Adams is also a board member on the Alabama Angus Association, Alabama Beef Cattle Improvement Association (BCIA) and BCIA Foundation. Adams hopes to use his experience to help give back to the Association's diverse membership as a

Butler is the third generation raising registered Angus at the 103-year-old Spring Cove Ranch. He and his family manage a 350-headherd and host an annual production sale.

The family sells feeder cattle and farms 500 acres. Technology and production tools to enhance genetics and management are used, incorporating ultrasound scans for carcass traits and parent verifying and genomically testing every calf. Butler has been committed to developing markets for Angus feeder calves through AngusLinkSM. He has served on boards of the Idaho Angus Association, Idaho Cattle Association and the family was awarded the 2019 Certified Angus Beef (CAB) Seedstock Commitment to Excellence Award and the Century Herd Award from the Association in 2019.

Mead is a third-generation Angus breeder involved in all phases of the cattle business. He currently has three annual production sales, marketing close to 700 bulls per year. After completing becoming a board-certified anesthesiologist practitioner, Mead returned home to serve his community while harboring a new vision for Mead Farms. The farm has grown to more than 7,000 acres and close to 1,500 registered Angus cows in addition to several other breeds. Mead served on the Missouri Angus Association Board of Directors, Morgan County Cattlemen's Association,

Missouri Cattlemen's Association, National Cattlemen's Beef Association. Mead has a strong track record of gathering information and making informed decisions, as well as approaching problems with an open mind for successful outcomes.

Smith is a fourth-generation Angus breeder who grew up on a diversified family farm consisting of registered Angus, burley tobacco, corn, soybeans and wheat. For 28 years, he has successfully operated Smithland Angus Farm recently hosting its 26th annual bull and female sale. Smith currently owns and manages 225 registered Angus cows and a small commercial herd. He has served on boards of the Natural Resources Conservation Service, County Agricultural Improvement Program, Russell County Cattlemen's Association, Kentucky Angus Association. NJAA Executive Committee, Kentucky Farm Bureau, First Bancorp, Inc. and First National Bank. Smith believes in the power of the Angus cow to continue to be the foundation of the beef industry and is committed to the advancement of the breed.

Wann was raised on a multigenerational commercial cow-calf ranch. After the purchase of com-



New American Angus Association officers pictured from left are: Chuck Grove, Virginia; Barry Pollard, Oklahoma; and Jonathan Perry, Tennessee.



AAA PHOTO

Newly elected to the American Angus Association board of directors pictured from left are: Rob Adams, Alabama; Art Butler, Idaho; Alan Mead, Missouri; Henry Smith, Kentucky; and Roger Wann, Oklahoma.

mercial Angus cows and an Angus bull from Belle Point Ranch, the benefits of Angus genetics became clear. After graduating from Oklahoma State University, he earned a master's in physiology of reproduction from Texas A&M and began a career with ABS Global, where he assisted cattle producers in learning the value of efficient reproductive management programs.

Wann Ranch annually hosts a production sale and markets 120 to 140 bulls. He served on the board for Oklahoma Cattlemen's Association and Oklahoma Angus Association and has helped develop their Angus feeder-calf sale. Wann has a blue-collar, grassroots viewpoint concerning all issues, with the goal of keeping the Angus breed at the forefront of the industry.



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Amaferm® - A wise investment, not an extra cost

By Chris Cassady, Ph.D., BioZyme® Inc., Beef Technical Sales Manager

Profitability in beef production is dependent upon output revenue exceeding input costs. Elevated calf prices have pushed gross returns yet profit margins have shrunk due to the rising cost of production. A general rule of thumb is that at least 60% of your operational expenses are associated with feed in a normal year. Considering price hikes due to widespread drought, inflation and limited supply, this guideline could severely underestimate annual expenses as this year ends. It's a challenge to find affordable ways to maximize the genetic potential of your herd through conventional

feeding methods. While cutting costs is one option, just remember, what we feed our animals dictates the output they give us. Treat nutrition as an investment in the genetics you have selected rather than a cost to the bottom line.

A cost is defined as an amount that must be paid to obtain something, while an investment is expending funds with the expectation of achieving a profit. Often, producers look at output potential as an investment through genetics because many have spent generations building their existing herds. Alternatively, they also view premium nutrition, the tool it takes to reach that capacity, as a stingy, financially draining cost. If you were to buy a new

truck, you would protect that investment with the best insurance policy you could afford, not the cheapest in the marketplace. Your animals are no different! Giving your premium genetics the opportunity to thrive with superior nutrition will pay dividends to your bottom line, just like maintaining that new pickup.

Investment opportunities in cattle feeding come from many technologies such as ionophores, probiotics, prebiotics and so on. Each has its own mode of action related to a desired outcome and not all are universal in their applications. Amaferm® is a prebiotic resulting from the proprietary fermentation of Aspergillus oryzae. Research has proven that Amaferm not

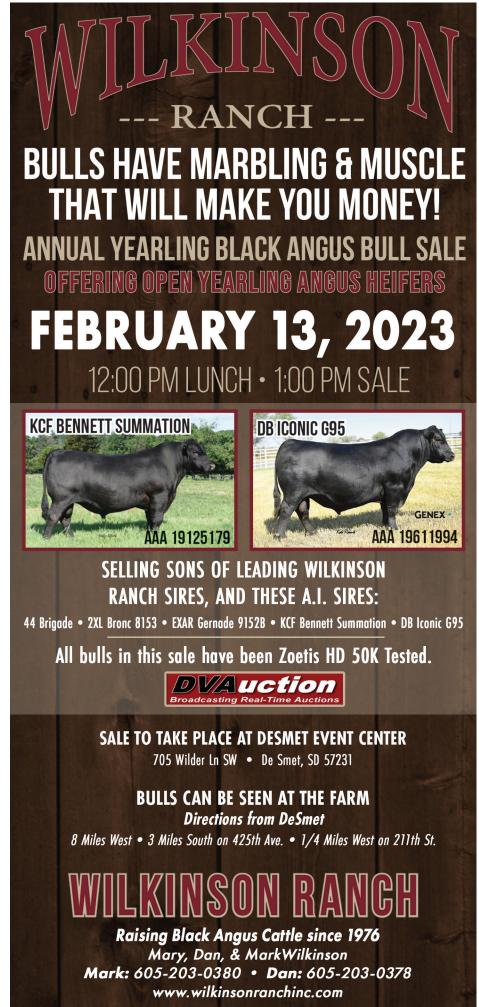
only stimulates fungal branching and enzymatic activity in the rumen, but the growth rates of fibrolytic and amylolytic bacteria are significantly improved. These microbes work synergistically to hasten the rate of degradation of feeds in the rumen, allowing for greater digestibility. If you think about a 10% improvement in dry matter digestibility by using Amaferm, vou can save nearly 15% in hay costs throughout the year by just giving your animal the ability to unlock more nutrition from within.

Speaking of improved nutrient utilization, those rumen microbes are responsible for other nutritional opportunities for the animal. Substantially more rumen bacteria growth by feeding Amaferm, will on average, result in a 16% improvement in VFA production and an additional 143g of microbial protein. In lay terms, feeding Amaferm is nutritionally equivalent to supplying a pound of dry distiller's grains per day without any additional capital or labor. When distiller's grains are \$240/ton, a 4-cent daily investment in Amaferm yields 12 cents of additional nutritional value. A 3:1 ROI in nutritional equivalence along with improved breeding condition and better gut health opens the door for improved conception rates, heavier calves and fewer treatments. Considering the robust feeder calf market, just think about the value of each weaned calf, and what as little as 3% improvement in conception rates can do for your bottom line.

The initial commitment to any investment can be nerve-wracking, but remember, the wealthiest Wall Street investors didn't make their money dabbling in penny stocks. Nutrition has the biggest impact on your annual input costs. Therefore, more efficient utilization of feed ingredients is paramount for individual and industry-wide profitability. Just like buying Amazon or Netflix stock, placing your trust in value-based premium nutrition is an investment in the performance and health of the genetics that you've spent generations to build.

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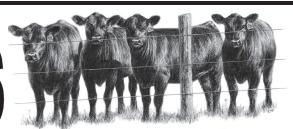
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SOUTH DAKOTA ANGUS NEWS



—INSIDE THIS SECTION—

- Pen & Carload results from NWSS
- American Angus Association
- Managing & Feeding Cattle in Winter

Wednesday, January 25, 2023

B

Section

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SIRE: BUSHS CRUISE CONTROL 650 | MGS: BUSHS WIND CHILL 982



LOT 21 BUSHS AUTHENTIC 479

AAA 20500373 | BD 2/3/22 | BW 83# | WW wt. 862# | Ratio 113

BEPD +1.4 | WEPD +80 | YEPD +131 | MEPD +34

SIRE: BUSHS CRUISE CONTROL 650 | MGS: BASIN EXCITEMENT



LOT 25 BUSHS UP THE LIMIT 533

AAA 20492513 | BD 2/09/22 | BW 92# | WW wt. 859# | Ratio 113

BEPD +1.1 | WEPD +80 | YEPD +136 | MEPD +24

SIRE: EVENSON EVEREST 964 | MGS: BUSHS UNTOUCHABLE 622



LOT 27 BUSHS ATTAIN 535

AAA 20500378 | BD 2/10/22 | BW 88# | WW Wt. 865# | Ratio 114

BEPD +0.7 | WEPD +76 | YEPD +137 | MEPD +37

SIRE: EVENSON EVEREST 964 | MGS: BUSHS DOUBLE TIME 879



LOT 31 BUSHS ASCEND 543

AAA 20500381 | BD 3/2/22 | BW 83# | WW Wt. 820# | Ratio 108

BEPD +2.1 | WEPD +75 | YEPD +123 | MEPD +25

SIRE: EVENSON EVEREST 964 | DAM: JUNEAU 419



LOT 37 BUSHS MAGNIFY 651

AAA 20500392 | BD 1/8/22 | BW 62# | WW Wt. 773# | Ratio 108

BEPD -.3 | WEPD +71 | YEPD +125 | MEPD +34

SIRE: TEHAMA TAHOE B767 | DAM: BUSHS HIGH CALIBER 674



LOT 41 BUSHS TAHOE LINE 663

AAA 20500397 | BD 1/28/22 | BW 86# | WW Wt.784# | Ratio 103

BEPD +2.5 | WEPD +80 | YEPD +131 | MEPD +29

SIRE: TEHAMA TAHOE B767 | DAM: O'REILLY FACTOR



LOT 53 BUSHS COMPLETE 818

AAA 20500409 | BD 1/28/22 | BW 85# | WW Wt. 861# | Ratio 113

BEPD +3 | WEPD +81 | YEPD +144 | MEPD +29

SIRE: CONNEALY EMERALD | DAM: GDAR LEUPOLD 298



LOT 55 BUSHS STEP ASIDE 870

AAA 20493808 | BD 1/20/22 | BW 78# | WW Wt. 765# | Ratio 101

BEPD .5+ | WEPD +66 | YEPD +119 | MEPD +19

SIRE: BUSHS WING MAN 201 | DAM: NEXT STEP 2036

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RAML ICONIC 2738 AAA 20533918 CE 1 / BW 3.0 / WW 87 / YW 148



RAML PACIFIC 2598 AAA 20533899 CE 6 / BW 1.1 / WW 71 / YW 118



RAML HIGHLIFE 2675 ASA 4118248 • PB SIMMENTAL CE 12 / BW 2.5 / WW 95 / YW 140



RAML HIGHLIFE 2793 ASA 4118209 • 3/4 SM 1/4 AN CE 9 / BW 3.7 / WW 101 / YW 152



RAML COPPERHEAD 2715 ASA 4118180 • PB SIMMENTAL CE 6 / BW 4.1 / WW 101 / YW 150



RAML STEALTH 2971 RAAA 4671383 CE 11 | BW -0.8 | WW 61 | YW 100



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ILBLAZER Angus youth setting the pace for others

Megan Sanders: Sixth Generation Cattle Producer

By Kiera Leddy

With a population of about 66 people, in Oral, S.D., there is no doubt cattle out number people in the area. Megan Sanders, along with her parents Carl and Kari, and younger brothers, Kyle and Ray, live on a ranch near Oral. They raise cattle and crops. Her parents manage the commercial Angus herd while her grandparents manage the irrigated corn and alfalfa. Her great-grandpa introduced Angus genetics into the herd. Now they continue to bring in new Angus genetics by buying registered Angus bulls to breed to their 500 cows. They sell their steers and heifers through pri-

vate treaty. The steers have been going to the same feedlot near Beaver Creek, Minn., for at least 20 years.

Sanders is the fourth generation to grow up on her family's operation and a sixth generation Fall River County cattle producer. She began her own Angus herd with the help of an FSA Youth Loan. When she was ten years old, she bought a few heifers. Those heifers played an integral role in the development of her

"One of the heifers had an ear tag that read 42." Sanders says. "Heifer 42 grew up to be a great cow who produced many great calves, which I kept to grow my herd."

Sanders and her family also sell beef locally. They process about 10 head to serve their consistent customer base.

Throughout high school, Sanders was involved with the operation's day-to-day activities. From calving to branding, moving cows for rotational grazing, fixing fences, and doctoring cows, Sanders had a very hands-on childhood. She was also active in 4-H and the Hot Springs FFA Chapter. Even though she now lives six hours from home, she is still involved in the operation by furthering her education and forming connections to use when she returns back to the operation.

A freshman at SDSU, Sanders is majoring in agricultural education and minoring in animal science and agricultural business. She is involved in Collegiate Farm Bureau and Block and Bridle.

"I benefited from the opportunities through my agricultural education courses and FFA," Sanders says. "I chose agricultural education as my major so I could give those same opportunities to future students."

Sanders is also a recipient of the 2022 South Dakota Angus Association Undergraduate Scholarship. Upon graduating college, Sanders would like to be an FFA advisor close to home so

school seniors; students can apply at any point in their college level.

"Thanks to the leadership of SDFB past president Richard Ekstrum and his wife Agnes, the SDFB scholarship has helped young people in higher education since she can stay involved in her family's operation.

Sanders is currently serving as the South Dakota FFA State Vice President. In her position, she has undergone personal development, networked, and built relationships.

"My favorite part has been the business and industry tours," Sanders says.

After a busy year of FFA activities, Sanders is looking forward to being at home with her cattle next summer.

2005," said Krystil Smit, SDFB Executive Director. "We are pleased to once again honor young people with financial awards to help make their educational goals a reality."

The SDFB scholarship fund was established in



Megan Sanders is the fourth generation to grow up on her family's

Megan Sanders grew up at Oral,

"Angus cattle hold a special place in my heart," Sanders says. "They are the breed I grew up with and love to be around."

2005 by the Ekstrums. Richard served as South Dakota Farm Bureau president from 1975-1995.

March 15, 2023 is the deadline to apply. The scholarship application can be found at www. sdfbf.org.

Farm Bureau Scholarships Available

South Dakota Farm Bureau (SDFB) is offering scholarships to high school seniors and college students whose parents or guardians are current members of South Dakota Farm Bureau and

have been for at least two

Applicants can consider an agriculture-focused or community-focused scholarship, depending on their major and experience with agriculture.

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WELCOME!

Scholarships are awarded to students enrolled in a four-year program or those pursuing a two-year degree at a vocational school. Additionally, scholarships are not limited to high



AAA 20126267

Sire: Connealy Payraise | Dam: Botanna of Conanga 833M CE 4 | BW 1.7 | WW 79 | YW 152 | Milk 32 | SC 1.91 | \$B 209 | \$C 355

Angus Corral

CAB Offers Kitchenware

Christmas might be over but the grilling season is just a few short months away and Certified Angus Beef has a premium kitchen collection.

Steak knives, aprons, thermometers, wine glasses, seasonings, grilling tools and more are available.

Find it online at https://shop.certifiedangusbeef.com.

Czechia to Host World Angus Technical Meeting

This September 8-15 will be the World Angus Technical Meeting in Ceské Budejovice, Czechia.

Czechia, is a landlocked country in Central Europe. Historically known as Bohemia, it is bordered by Austria to the south, Germany to the west, Poland to the northeast, and Slovakia to the southeast.

History of Angus in Czechia started in 1992 when first females imported from Canada gave birth. Soon after genetics was imported from all over the world, mainly from North America, UK, Denmark and several other European countries. Since than the population rose rapidly to nowadays nearly five

thousand purebred calves registered every year. The Czech Aberdeen Angus Association was established in 1993 and has over 100 members to date. Czech Angus cattle is exported all over the Europe.

The herd size ranges from few cows to several hundreds. Red and black Angus are equally represented. Many farms run in organic schemes and sell their meat directly to customers.

From early beginnings performance is recorded through the society including ultrasound assessing of carcass traits. Breeding is focused on excellent

growth accompanied by easy management and is facilitated by intense use of AI and embryotransfer. All animals entering herdbook are parent verified using SNP since 2019 including assessment of genetic conditions.

The week of World Angus Technical Meeting will start with national Angus show and the WAS meeting at the exhibition site in the heart of historic city Ceské Budejovice. Later on, we will travel around the country visiting Angus herds of various types ranging from hi-tech automated farms to mountain pastures. Our journey will also include many stops at the most exciting historical and natural attractions. Most importantly, numerous social events will always be accompanied by the best Czech beer.

Find out more at http://worldangus2023.com.

Junior Members Take Note

The National Junior Angus Association would like to remind junior members that ownership deadlines must be met to participate in shows.

The Association will no longer accept postmark dates for ownership of NJAA sponsored shows (MAJAC, Eastern Regional, Western Regional, Atlantic National, All American Breeders Futurity, Northwest Regional, and National Junior Angus Show).

This means:

1) All ownerships dates will be based on process date, which can be found at the bottom of the registration paper or animal look-up. This refers to the date that our office processes a transfer.

To transfer an animal, the original registration paper must be mailed in. If you need to transfer the animal prior to the original registration being received by the American

Angus Association, please call the Events and Junior Activities Department at 816-383-5100

2) All animals need to be registered by or before the ownership deadline. For example, if the ownership date is May 1, 2023, the process date needs to be on or before May 1, 2023.

This applies to bred and owned animals as well. All bred and owned animals need to be registered by the ownership deadline.

Governor Announces Bill to Preserve S.D. Agriculture

Governor Kristi Noem and legislators announced legislation to preserve agriculture.

"Agriculture is by far our state's largest industry, accounting for 1 out of every 5 jobs in South Dakota. We need to preserve it," said Noem. "When agriculture operations are attacked with frivolous claims, it can delay development and

increase costs for producers."

The prime sponsors of the legislation will be Representative James D. Wangsness (R-23) and Senator Joshua Klumb (R-20).

"Agriculture drives our economy and fuels development in rural South Dakota," said Wangsness. "This legislation enhances the state's ag nuisance laws to provide additional protections for our producers while ensuring their ability to continue feeding America."

This bill provides additional liability protection for agricultural operations in the event that a nuisance claim is filed against them. The bill does so by:

- Setting specific conditions and limitations to compensatory

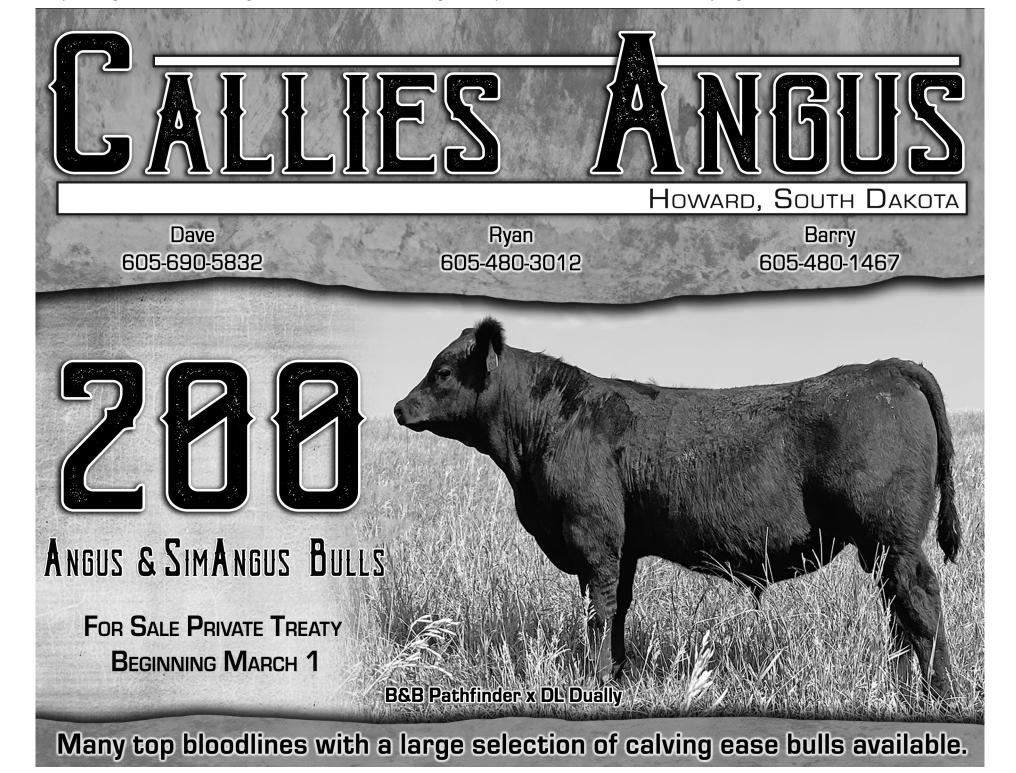
and punitive damages awarded from such a claim:

- Adding "agritourism" to the definition of an agricultural operation:

- Expanding the protected status of agricultural operations by allowing them to change the product they produce to maintain protected status; and, - Clarifying that the plaintiff must prove by clear and convincing evidence that the nuisance is caused by activity or conduct that does not comply with state or federal environmental laws or regulations. "As a lifelong farmer, my family depends on a fair and level playing field to make ends meet. Our producers need dependability to preserve their

operations, so they cannot have frivolous nuisance complaints undermining their work to feed the world," said Klumb.

South Dakota agriculture is a \$32 billion industry. Governor Noem addressed the importance of agriculture in her State of the State Address; you can find those remarks here.





Calving Time is Here, Keep the Right Records

By Esther Tarpoff, Director of Performance Programs, American Angus Association

With calving season here, it's important to have a plan set in place for quality record keeping. Birth data sets the foundation for the calf's contemporary group that will follow it through yearling. Recording and submitting quality records taken at calving are crucial looking down the road. But what mea-

sures should be recorded at the calving event?

When to record?

Data recorded at calving time should be recorded within 24 hours of birth. Collecting birth weights within 24 hours of calving provides the most accurate read of a calf's true birth weight. It ensures the calf hasn't put on or lost a significant amount of weight since birth.

What to record?

Calf: Tag/tattoo, sex, sire, dam, date of birth, embryo transfer (if registering will also need embryo removal date) or natural, calving ease, birth weight.

Dam: Teat size, udder suspension

How to measure?

Calf: Calving ease, 1-5 score, 1 representing no assistance; Birth weight, collect with digital or spring scale

Using a digital or spring scale is the only method of obtaining the actual birth weight measurement of that animal and the only method accepted by the Association. Options like hoof tapes and heart and girth measurements provide only an estimated weight, often overestimating the weight of smaller calves and underestimating the weight of larger calves. Digital and spring scales eliminate that estimation factor.

Dam: Teat size and udder suspension are both score on the combined worst quarter of the udder; each trait is scored independently on a 1-9 scale.

Teat and udder scores are collected at calf birth because that is a critical time in that calf's life to ensure colostrum is received. If a calf is unable to nurse after birth because of udder problems, inadequate colostrum intake can affect that calf for the entirety of its life.

How to record: Notebook, Angus BlackBook, digital device or Calving Book in the AngusMobile App

After collection of quality and accurate records, the next step is reporting the data to the American Angus Association and have those phenotypes included in the weekly National Cattle Evaluation.

Data recorded from calving is what sets the contemporary group that will remain with the calf. Calving ease scores are used in calculation of Calving Ease Direct (CED) and Calving Ease Maternal (CEM). Birth weights influence the Birth Weight (BW) EPD and are used for other growth EPDs. Currently, teat size and udder suspension scores will

be used in research for each of those traits. It's important to collect and report accurate data to ensure the best genetic selection tools for you and your customers.

Also remember, calves that were born a year ago are approaching yearling age. Data to collect during the yearling age window is outlined in the January 2023 By the Numbers column in the Angus Journal.

On behalf of the Association, we wish everyone a successful calving season. If any questions arise, call the association at 816-383-5100. If you would like additional resources for data collection, visit https://www.angus.org/university. The staff is happy to help and guide you to whatever resources you need.

'Bringing the Farm to School' Producer Trainings in Rapid City

Farmers, ranchers, gardeners and local food processors can learn strategies for growing and selling their products to school nutrition programs at the Bringing the Farm to School: Local Producer Training Feb. 14-15 in Rapid City.

"When area farmers sell their products to schools, everyone wins," said Anna Tvedt, SDSU Extension Farm to School Nutrition Field Specialist. "Farmers have a reliable market, dollars get recirculated in the community, and most importantly, students get to enjoy local, fresh, nutritious, and delicious food."

The one-and-a-halfday training will be at the SDSU Extension Rapid City Regional Center. Agricultural producers of all products, scales and experiences are invited to attend. The training will include information on accessing school markets and growing products for them, presentations from successful producers and child nutrition directors, networking with local peers and experts, and a site visit to a school unchroom.

Schools offer a strong market opportunity for

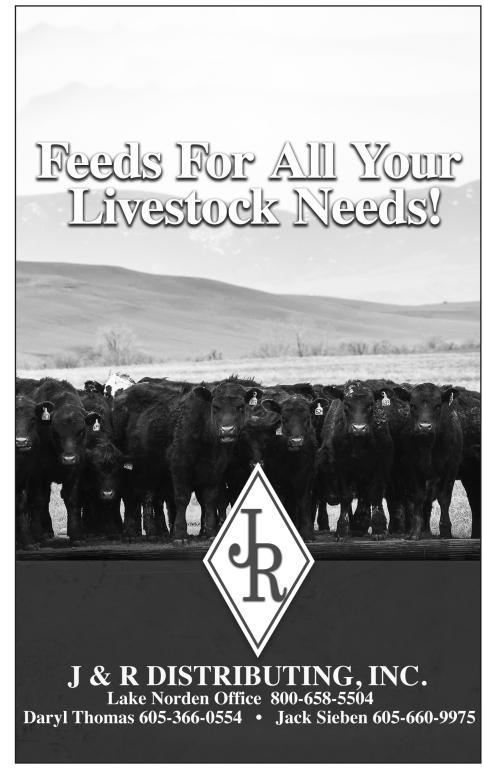
local producers. Approximately 150,000 students enjoy meals through the National School Lunch Program each day in South Dakota.

"If you think about it," said Tvedt, "schools can be considered the largest restaurant in our South Dakota communities, offering local market potential for our state's producers."

According to a USDA Farm to School Census, 62 percent of South Dakota school districts are either participating in farm to school activities or plan to start in the future. The development of this training was funded in part with federal funds from the U.S. Department of Agriculture Food and Nutrition Service through an agreement with the

National Center for Appropriate Technology in partnership with the National Farm to School Network.

A \$250 stipend is available to all producers who attend. Registration is \$25 and due by Feb. 1 for the Rapid City training. To register, visit https://extension.sdstate.edu/events and search for "farm to school".





ANGUS SALES

Starr & Varilek Angus December 27, 2022 Platte, South Dakota

Auctioneer: Dan Clark & Brad Veurink Reported By: Ryan Casteel, CBW Averages:

53 Yearling Angus Bulls......\$5,873

Edgar Bros

December 28, 2022 Faith Livestock Auction, Faith, South Dakota Auctioneer: Seth Weishaar Reported By: Kadon Leddy, CBW **Averages:**

20 Bulls...\$4,475

Pine Creek Angus

December 29, 2022 (storm date) Faith, South Dakota Auctioneer: Rob Fraser & Collin Gibbs Reported By: Ryan Casteel, CBW

Averages:

35 2-Year-Old Bulls.....\$4,645

42 Registered Heifers.....\$3,060 22 Commercial Heifers\$2,168

Derflinger's D Lazy T

January 12, 2023 Faith, South Dakota Auctioneer: Matt Lowery Reported By: Ryan Casteel, CBW **Averages:**

50 Angus Fall Bulls......\$7,130 33 Registered Fall Heifers.....\$4,575

Pen and Carload results from NWSS

Carload Shows at the National Western Stock Show in Denver were judged by John Grimes of Ohio, Steve Mohnen of S.D., and Andrew Musgrave of Illinois.

Pen Show

The Grand Champion Pen of Three Bulls was Entry 16, exhibited by

The Angus Pen and Krebs Ranch of Gordon, Neb. The Reserve Grand Champion Pen of Three Bulls was Entry 17, exhibited by Chestnut Angus Farm of Pipestone, Minn.

> The Champion Late Calf Pen of Three Bulls was Entry 10, exhibited by Flying F Cattle Co. of Hutchinson, Kan. The Reserve Champion Late

Calf Pen of Three Bulls was Entry 9, exhibited by Lazy JB Angus LLC of Montrose, Colo.

The Champion Early Calf Pen of Three Bulls was Entry 16, exhibited by Krebs Ranch of Gordon, Neb. The Reserve Champion Early Calf Pen of Three Bulls was Entry 17, exhibited by

Chestnut Angus Farm of Pipestone, Minn.

The Champion Pen of Three Yearling Bulls was Entry 20, exhibited by Doug Satree Angus of Montague, Texas.

The Grand Champion Pen of Three Heifers was Entry 4, exhibited by Flesch Angus of Shelby, Mont. The Reserve Grand Champion Pen of Three Heifers was Entry 6, exhibited by

Chestnut Angus of Pipestone, MN.

The Champion Late Calf Pen of Three Heifers was Entry 3, exhibited by Jacob Schermer of Clarion, Iowa. The Reserve Champion Late Calf Pen of Three Heifers was Entry 2, exhibited by Bobcat Angus of Galata, MT.

The Champion Early Calf Pen of Three Heifers was Entry 4, exhibited by Flesch Angus of Shelby, Mont. The Reserve Champion Early Pen of Three Heifers was Entry 6, exhibited by Chestnut Angus of Pipestone, Minn.

Carload Show

The Grand Champion Carload of 10 was exhibited by Krebs Ranch of Gordon Neb.



The Grand Champion Carload of 10 was exhibited by Krebs Ranch



AAA PHOTOS The Grand Champion Pen of Three Bulls was Entry 16, exhibited by Krebs Ranch of Gordon, Neb.



The Grand Champion Pen of Three Heifers was Entry 4, exhibited by Flesch Angus of Shelby, Mont.





For more sale information and videos visit our website at www.mogckandsons.com



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Handling Hydraulic Hoses Requires Extra Caution in Winter

Extreme cold temperatures throughout the winter months can cause challenges to hydraulic hose lines in tractors and machinery.

"The temperature of a piece of machinery can fluctuate from -20 degrees Fahrenheit to 200 degrees Fahrenheit in a matter of minutes," says Angie Johnson, North Dakota State University Extension farm and ranch safety coordinator. "The hydraulic hoses on tractors and implements used in the winter months must be in prime condition to withstand the extreme temperature changes we face in the northern Plains."

Hydraulic systems are critical for tractors and machines to work properly and conduct tasks year-round. These systems store fluid under high pressure, typically 2,000 pounds of pressure per square inch (psi), up to 3,000 psi.

A hydraulic hose failure could cause extreme machine malfunction, potentially causing severe harm to the operator. Other hydraulic hose hazards include burns, skin penetration, and component failure or collapse.

Burns

Unhooking an implement or making a repair on a hydraulic system can be dangerous if the operator has not released the hydraulic pressure from the hydraulic system. This means that if the implement or loader on the tractor is in the raised position, it contains trapped hydraulic fluid that is pressurized. As pressure increases, the operating temperature of modern hydraulic systems can become high enough to cause severe burns if an operator is sprayed with escaping hydraulic oil from a puncture in the line or the immediate release of high pressurized oil from a loose hydraulic fitting.

Safety tips:

- · Always relieve hydraulic pressure before loosening hydraulic fittings. This includes lowering the implement (or loader) to the ground and testing your pressure relief valves to ensure they are reducing pressure buildup, if applicable on your tractor.
- · Move the hydraulic control lever (found inside the tractor if hooked up to an implement) back and forth several times to help relieve hydraulic pressure.
- Follow instructions in the operator's manual. Specific procedures for servicing hydraulic systems provide safety

guidelines to follow when lic system may still be performing maintenance or repair.

Skin penetration

Pinhole leaks in hydraulic hose lines are extremely dangerous. With the naked eye, pinhole leaks can be impossible to see. A common injury involves an operator running their hand or finger over the hose line, where the invisible pinhole leak then penetrates oil into the operator's skin without even knowing it. Immediately after the fluid injection, the operator may only experience a slight stinging sensation in their hand or finger and think nothing of it. After a few hours, the operator may begin to develop severe pain. If not seen by a medical provider immediately, the injury can result in a condition called gangrene, where amputation of the hand or finger is required because of the tissue damage.

Safety tips:

- · Shut down all equipment and release pressure before checking for hydraulic fluid leaks.
- · Use a piece of paper or cardboard to check for pinhole leaks in hydraulic hoses, not your hand or finger. Run the piece of paper or cardboard across the hose to identify any pinhole leaks.
- Always wear safety glasses and heavy gloves when working with hydraulic systems. Note: Gloves will not prevent oil from a pinhole leak from penetrating your

Seek medical attention immediately if you suspect hydraulic oil has penetrated your skin.

Component failure or collapse

Failure of a hydraulic hose, fitting or seal can cause a rapid release of hydraulic oil, causing the supported component to collapse. Examples of this include a loader on a tractor or a header on a combine. Gradual leaks can also cause components to drop unexpectedly, crushing a worker under the component. A combine header can weigh three tons and crush anyone who may be working underneath

Safety tips:

- Never work under an implement, truck bed or other machine supported by a hydraulic ram/cylinder without the lock in place or other means of support. Make sure all equipment is turned off when working on it.
- · Even if an implement is not attached to the tractor, the hydrau-

pressurized. If making repairs to the hydraulic system, never assume the implement is no longer under pressure just because it is not attached to the tractor.

Hydraulic hose and system maintenance

Hydraulic hose systems on tractors and machinery can fail when hoses and oil are not properly maintained. When conditions become cold, hydraulic hoses can become stiff, inelastic, brittle and lose their ability to bend. Cracks in hydraulic hoses can become more prevalent during cold temperatures, meaning visual inspection for cracks, abrasions and oily residues is crucial for equipment maintenance and operator safety.

Take time to check for oil leaks and worn hoses. If you can see the metal wire layer of a hydraulic hose, or an oily film on the hose or near the

Change the hydraulic oil and filter in your tractors and machines. Hydraulic oil that is contaminated with dirt, dust, particulates, etc., can cause damage to your hydraulic system. Monitor your tractor's hydraulic oil sight glass to determine if more hydraulic oil needs to be added. Read the operator's manual to determine how often the hydraulic oil and filter

Allow your tractor to warm up in cold conditions. The more your tractor's fluids warm up before use, the better your hydraulic hoses can respond. In extreme cold, you may need to allow your equipment to warm up for an hour before use.

Connect the correct hydraulic lines from the

fittings, it needs to be replaced.

Pinhole leaks in hydraulic hose lines are extremely dangerous and can be impossible to see with the naked eye. Using a piece of cardboard to check for leaks protects hands and fingers. equipment to the tracshould be changed.

tor couplers. If the hose lines are not coupled to the tractor correctly, the implement will not rise and drop as expected. Use colored zip ties or tape to label the hoses to match which coupler end they need to attach to on the tractor.

Always lower the hydraulic working units to the ground before working on or leaving the

machine, making sure the machine is off once you begin to work on it.

"Remember, tractors and equipment can be replaced - you, on the other hand, cannot be replaced," says Johnson. "Take time for safety this winter by keeping equipment in proper shape and using safe techniques when equipment repairs and maintenance needs to be made."



46th Annal Bull Sale

MONDAY, FEB. 13, 2023

1:00 PM • AT THE RANCH

3 miles south, 1/2 mile east of Dante, SD

Selling

170 YEARLING BULLS 45 FALL BULLS

The Pick of 2022 Heifer Crop A Few Elite Reg Heifers

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Lot 1 Koupals B&B Summit 2034 • Reg #20480432 CED +14 • BW -1.1 • WW +65 • YW +118 • Milk +33



Lot 2 Koupals B&B Atlantis 2021 • Reg #204899818



Lot 31 Koupals B&B Barricade 2071 • Reg #20479065 Lot 22 Koupals B&B McCoy 2073 • Reg #20470476 BW +2.1 • WW +71 • YW +126 • Milk +27





CED +7 • BW +3 • WW +78 • YW +138 • Milk +41



Lot 206 Koupals B&B Confidence 111 • Reg #20354219 CED +6 • BW +.9 • WW +78 • W +149 • Milk +23



Lot 197 Koupals B&B Coalition 15 • Reg #20399069 CED +2 • BW +2.2 • WW +69 • YW +125 • Milk +40 CED +6 • BW +1.9 • WW +87 • YW +146 • Milk +29







Lot 130 Koupals D&K Drifter 253 • Reg #20510633 CED +2 • BW 3.3 • WW +60 • YW +103 • Milk +29



CED +6 • BW +1.3 • WW +61 • YW +109 • Milk +22 CED -5 • BW +3.6 • WW +87 • YW +154 • Milk +34



Video's available mid-January!

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American Angus Association Partners With IMI Global

Strategic collaboration drives profitability for independent cattle producers.

by Holly Martin, American Angus Association

For today's cattle producers, it is more important than ever to be able to differentiate your cattle in the marketplace. Two of the leading third-party verification providers — IMI Global and the American Angus Association's AngusLinkSM program - have joined forces to create an improved experience for those cattle producers, while offering more value-added opportunities.

Through this new

relationship, IMI Global will provide verification services for USDA Process Verified Programs (PVP) for IMI Global and AngusLink customers. The collaboration makes it easier and more efficient for producers to access an extensive suite of verification programs and the feeder-cattle industry's leading genetic merit evaluation tool in one enrollment.

"With tightening margins, the need for producers to differentiate their cattle and create market access with flexibility is key. At the same time, the value of superior genetics has never been greater," says Mark McCully, Association CEO. "These two market drivers are creating tremendous opportunities for producers to describe and verify their cattle."

Now available to IMI customers, the AngusLink Genetic Merit Scorecard® gives producers the ability to effectively communicate the genetic potential of their feeder calves to prospective buyers with three scores: Beef, Feedlot and Grid. The scores are calculated based on the Association's extensive genetic database with more than 80 million data points.

In addition, AngusLink customers will also have access to IMI's new sustainability standard, CARE Certified, which encompasses animal care, environmental stewardship, and people and community, which are all of growing importance in today's marketplace. Other PVP claims available include Angus-VerifiedSM, Source, Age, Non-Hormone Treated Cattle (NHTC) and Verified Natural Beef.

"This working relationship streamlines the process for producers by making it easier for them to enroll in all verification programs at once while also allowing them access to programs



they may not have had before," says John Saunders, IMI Global CEO. "This partnership proves that everyone involved is prioritizing innovation and collaboration in order for cattlemen all over the country to achieve success."

IMI Global, a division of Where Food Comes From Inc., is the market leader in third-party verification services, enrolling more than 1.25 million cattle annually in various verification programs. The American Angus Association is the leader in Angus genetics and creating value for Angus-sired feeder cattle through its AngusLink Genetic Merit Scorecard and AngusVerified pro-

Call for Applicants: South Dakota Cattlemen's Foundation Scholarship

In 2016, a scholarship program was established by the South Dakota Cattlemen's Foundation. The South Dakota

Cattlemen's Foundation the nutritional benefits was formed to support the long-term viability of the South Dakota beef Industry by promoting

of beef consumption and value of modern production. This scholarship aims to identify and reward students who are interested in the improvement of beef production and promotion.

Scholarships of \$5,000, \$4,000, \$3,000, \$2,000, and \$1,000 will be awarded to five students from South Dakota enrolled in

any post-secondary institution in South Dakota.

WHO: Members of the South Dakota Cattlemen's Foundation invite students throughout South Dakota to apply for their scholarship program.

The online scholarship application can be found at sdcattlemensfoundation.com/education

Deadline to apply is Sunday, March 19, 2023 at 11:59PM CT.

The South Dakota Cattlemen's Foundation joined forces with Feeding South Dakota in May 2013 to create a signature event, Prime Time Gala & Concert, that raises critical funds for their mission by providing more beef to food insecure families throughout the state. Funds also raised from the Prime Time Gala & Concert support the scholarship program that provides \$15,000 in funding to students throughout S.D. Since hosting the first event in June 2014, the South Dakota Cattlemen's Foundation has raised \$2,084,312 for Feeding South Dakota to purchase 1,222,933 pounds of beef for their nutrition programs statewide.

The South Dakota Cattlemen's Foundation will host its tenth annual Prime Time Gala & Concert on Saturday, June 24, 2023 at the Sioux MIER Center.







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Growing Connections: New App Creates S.D. Soil Health Social Network

South Dakota farmers, ranchers and gardeners are making strides in improving soil health, and they're willing to share what works and what doesn't. A new app from the South Dakota Soil Health Coalition aims to make it easier to reach out to fellow farmers and soil health experts.

Growing Connections, accessible as a smart phone app and from a web browser, is like a social network focused on soil health. Users can post questions about no-till practices and cover crops, for example, and get feedback from those with experience. They can participate in group discussions or reach out directly to a mentor who has expertise in a certain practice or knowledge of a particular region of the state.

"It seems like anyone involved in soil health is more than willing to share their experiences with anyone that will listen," said Darin Michalski, who runs a cow-calf operation west of Willow Lake.

It was helpful for him to reach out to a friend when he started transitioning to no-till, he said, especially when resisting the temptation to till again.

"Is there any AA for no-tillers?" he said.

That's where Growing Connections can help. With a network of farmers, gardeners, agronomists and soil health experts, there's sure to be someone with suggestions for solving a problem. Growing Connections users can also post articles or learn about events related to soil health.

It's a time saver, as Caputa rancher Shawn Freeland sees it.

He and Michalski learned much of the soil health practices they use on their farms by attending tours and workshops, hearing talks by experts in the industry like Cronin Farms agronomy manager Dan Forgey from Gettysburg, and gathering opinions from others they met at conferences and events.

Not everyone can take time to get away, said

Freeland, who serves as vice chairman of the South Dakota Soil Health Coalition board of directors

Growing Connections can provide instant feedback.

"Our goal was to be able to connect producers in the palm of their hands," said Cindy Zenk, coordinator for the South Dakota Soil Health Coalition.

If farmers out in their corn field notice the crop isn't emerging, for example, they can take a photo or video, post it to Growing Connections and get a response immediately. They can connect with others and choose the best management decision to make their operation more sustainable, Zenk said. Professionals from South Dakota State University Extension, the Natural Resources Conservation Service and the South Dakota Grassland Coalition can give feedback, as well as other farmers and ranchers.

"It's an opportunity to connect," Zenk said.

Users can search for mentors by name, area or by project, such as cover crops, livestock, or no-till gardening. Questions can be posed to the entire group of registered mentors or users can interact one-on-one with a single mentor. Users can reach one another by messaging through the app or making a phone call.

Zenk hopes it will help people make connections more quickly and that those relationships will be long-lasting.

"The best people to learn from are the people who are doing it," she said.

Michalski, the Willow Lake farmer, likes the concept. "I like that everybody is available to talk," he said.

Freeland wishes he would have had a men-

tor readily available to answer questions as he started implementing soil health practices at his ranch on the edge of the Black Hills.

"It would have been a lot easier to get on and find someone to chat with," he said. "There might have been somebody closer."

Both men are more than willing to share what they've learned. They've hosted tours and regularly answer questions about rotational grazing and grazing cover crops, for example.

Freeland hopes that the app and the social network it creates will help speed the process of improving soil health across South Dakota.

"Soil health is bigger than just raising healthier crops or higher yielding crops," he said. "It's a lasting change for generations Articles and Resources

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Fin

to come. If we can accelerate that process and get the word out quicker with this app, I think that's what we're after."

The app is available for free in the Apple App Store and Google Play store, and the web version can be found at www.growingconnection-sapp.com. More information, including app usage instructions, can be found at https://www.sdsoilhealthcoalition.org/growing-connections-app.

South Dakota stock numbers are in

Hay stocks on South Dakota farms totaled 4.35 million tons on December 1, 2022, up 32% from a year earlier.

South Dakota's winter wheat seeded area for 2023 is estimated at 830,000 acres, equal to last year's seeded area of 830,000 acres, according to the USDA's National Agricultural Statistics Service.

U.S. winter wheat planted area for harvest in 2023 is estimated at 37.0 million acres, up 11 percent from 2022 and up 10 percent from 2021. Seeding of the 2023 acreage was underway in early-September and began the month equal to the 5-year average pace. Throughout much of the season, planting progressed on pace with the 5-year average and reached 96 percent complete by November 13. Emergence was 1 percentage point ahead of the 5-year average pace on November 27.

South Dakota corn stocks in all positions on December 1, 2022 totaled 593 million bushels, down 5% from 2021, according to the USDA's National Agricultural Statistics Service. Of the total, 390 million bushels are stored on farms, down 7% from a year ago. Off-farm stocks, at 203 million bushels, are down 1% from last year.

Soybeans stored in all positions totaled 135 million bushels, down 13% from last year. On-farm stocks of 58.0 million bushels are down 13% from a year ago, while off-farm stocks, at 77.0 million bushels, are down 12% from 2021.

All wheat stored in all positions totaled 43.9 million bushels, up 16% from a year ago. On-farm stocks of 20.0 million bushels are up 38% from 2021, and off-farm stocks of 23.9 million bushels are up 2% from last year.

Oats stocks totaled 5.28 million bushels, up 64% from last year. On-farm stocks, at 4.10 million bushels, are up 64% from a year ago, while off-farm stocks, at 1.18 million bushels, are up 62% from 2021

Barley on-farm stocks of 180,000 bushels are up 13% from a year ago.

Sorghum off-farm stocks totaled 4.92 million bushels, down 15% from 2021.

Hay stocks on South Dakota farms totaled 4.35 million tons on December 1, 2022, up 32% from a year earlier.

Grain storage capacity in South Dakota totaled 1.19 billion bushels, up 5 million bushels from December 1, 2021. Total grain storage capacity is comprised of 740 million bushels of on-farm storage, unchanged from last year, and 445 million bushels of off-farm storage, up 5 million bushels from 2021.



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Beef recipes for every taste: Savory, ethnic or down-home

Smoked Tri-Tip

Ingredients:

1 2-3 pound tri tip roast (fat cap and silverskin removed (may be done already by your butcher))

2 Tablespoons Beef Seasoning (or equal parts salt, pepper, and garlic powder)

3 Tablespoons salted but-

1 sprig rosemary



Preheat the smoker. Preheat your smoker to 225 degrees F. Use strong wood like oak or hickory.

Season the meat. Season the tri tip on all sides with the Beef Seasoning or equal parts salt, pepper, or garlic powder. Lightly press the seasoning into the meat.

Place in the tri tip directly on the grill grates of your smoker. Close the lid and smoke until the internal temperature is within 5-10 degrees of your target final temperature (115 degrees F for a rare roast, 125 for a medium rare roast, 135 for a medium roast, 145 for a medium well roast, or 150 for a well done roast).

Preheat a cast iron skillet for searing. When your tri tip is near the correct internal temperature, preheat a cast iron skillet over high heat. Remove your tri tip from the smoker.

Sear the tri tip. Put 2-3 tablespoons of butter into the cast iron skillet and let it melt. Drop in the sprig of rosemary and then place the tri tip into the sizzling butter. Sear the tri tip for 2-3 minutes per side, spooning the butter and rosemary over the steak as it cooks.

Rest, slice, and serve. Pull your roast out of the pan and move onto a cutting board. Allow the roast to rest for 15 minutes before slicing against the grain and serving. The grain changes in a tri tip, so start at the smallest point end and angle your knife as needed to keep slices going against the grain.

Source: Heygrillhey.com

Ground Beef & Broccoli Casserole

Ingredients

1 pound extra lean ground beef

14-ounce can tomato

6 cups small broccoli florets

1 3/4 cups shredded

cheddar cheese 1/4 cup finely grated

parmesan cheese

- 1 large stalk celery, finely chopped
- 1 1/2 teaspoons table salt
- 1 teaspoon garlic powder
- 1/4 teaspoon ground cayenne

Directions:

Preheat oven to 375 F. Cut any broccoli florets larger than 2 inches into smaller pieces, and add all broccoli to large microwave-safe bowl. Cover and microwave until tender, about 5 minutes. Let them drain and steam out on paper towels.

Make Beef-Tomato Mixture: If wet, pat ground beef dry with paper towels. Add beef to large pan over medium heat. Crumbling beef with stiff utensil, cook until browned, about 5 minutes. Keeping everything in pan, stir in tomato sauce, celery, salt, garlic powder, and cayenne. Simmer for at least 10 minutes to thicken sauce, stirring occasionally. Turn off heat and let moisture steam out.

Assemble Casserole: Directly in 8×8 inch baking dish, add broccoli, beef-tomato mixture, and half of cheddar cheese, carefully stirring together until well-mixed. Evenly top with remaining cheddar cheese. Sprinkle parmesan cheese on top.

Bake & Cool: Bake uncovered at 375 F until casserole begins bubbling up sides and starts to brown on top, about 20 minutes. Let rest for about 10 minutes before cutting into it.

Source: Savorytooth.com

Korean Beef Bowl



Ingredients

- 1 tablespoon oil
- 3 cloves garlic minced
- 1/2 teaspoon ginger minced
- 1 pound lean ground beef
- 1/4 cup light brown sugar
- 1/4 cup low sodium soy sauce
- 2 teaspoons sesame oil

1/2 teaspoon crushed red-pepper flakes or more

green onions for garnish if desired sesame seeds for garnish if desired white rice for serving

Directions:

Heat oil in a large skillet. Add in beef crumbling as you cook it and saute until brown, 4-5 minutes. Drain any excess fat. Add in garlic and ginger and cook for an additional minute. Meanwhile in a small bowl whisk together brown sugar, soy sauce, sesame oil and red pepper flakes. Stir the sauce mixture into the beef and simmer for 2-3 minutes until the sauce is heated through and thickened. Sprinkle with green onions and sesame seeds for garnish, if desired.

Serve immediately over a bed of white rice. Source: Chefsavvy.com





Managing and Feeding Cattle in Winter

By Elizabeth Backes-Belew, Ph.D., Nutritionist, Beef Technical Solutions

Maybe you can't tell the difference between 15 and 32 degrees F after spending a few minutes outside, but your cattle can.

Slight changes in temperature can have a considerable impact on energy and cow nutritional requirements.

Cold stress occurs when cattle require more energy to sustain basic bodily functions at a specific temperature, called the lower critical temperature (LCT). The LCT helps us understand when cows start experiencing cold stress.

As temperatures decrease, cow nutritional requirements increase. Add in precipitation or wind and requirements increase even more.

If cows are shorted on nutrition during cold stress, it can have a domino effect on performance.

Nutritional deficiency resulting from cold stress can lead to cows producing lighter and weaker calves. Low-quality colostrum and later return to estrus in the breeding season can also result, compromising conception rates and weaning weights.

Strategies for managing and feeding cattle in the winter can help alleviate cold stress and support cow nutritional requirements.

How can you mitigate cold stress?

Cold stress mitigation should start with keeping cattle warm. Offering protection from the elements like bedding, windbreaks, snow breaks and a place to get out of the mud can all help keep cattle warm and dry. Protecting cattle from wind, rain and snow isn't always enough, however.

Snow often reminds us to think about cow nutritional requirements and supplementation options. But what if the snow never falls? Temperature is the underlying factor in cold stress.

When feeding cattle in winter, provide them with nutrition to meet their needs during cold stress. Plan out feeding strategies early, before cow body condition scores start to slip, to help your cows weather cold temperatures.

Know your forages.

Feeding cattle stored forage can be challenging. Testing forages gives you a better understanding of what you're feeding cattle in winter when temperatures drop.

Testing total digestible nutrients (TDN) will provide an estimate of the total amount of nutrients that could be digested by the animal. The greater the TDN value, the more energy cattle get from forages.

Forage intake is another consideration. Cows will likely spend less

time grazing as temperatures decline. Less grazing time results in reduced forage intake which makes it challenging to meet cow energy requirements. Feeding cattle in winter with low-quality hay might not be enough to offset reduced forage intake.

Once you know forage nutritional value and assess intake levels, monitor cow body condition score (BCS) and temperature to identify cow energy requirements.

Evaluate cow nutritional requirements.

A cow's energy requirement, or TDN, increases by 1% for every degree below the LCT as a rule of thumb.

However, cow body condition scores impact nutritional requirements. A cow in a BCS 5 needs 30% more energy to maintain body condition than a cow in a BCS 6 at 32 degrees. The same principle holds true as BCS decreases below 5

A third trimester 1300-pound cow requires 13 pounds of TDN at 32 degrees. However, at 0 degrees the same cow needs an additional 4 pounds, or roughly 17 pounds of TDN. For comparison, the temperature drop means the same cow now requires 8 more pounds of 50% TDN hay.

When feeding cattle in winter, consider a high-quality supplement to help fill a cow's energy gap while helping cows get the most out of existing forages.

– Purina

BIF travels to Calgary, registration now open

Registration is now open for the 2023 Beef Improvement Federation (BIF) Research Symposium and Convention. This year's event will be hosted July 3-6 in Calgary, Canada.

The deadline for early registration is February 28. Attendees can save \$50 (U.S) by registering early. Registration includes a student and media option. Online registration is available at BIFSymposium.com. Early reservations at the Hyatt Regency Calgary, the headquarters hotel, are also highly recommended. You can also find hotel information posted to BIFSymposium. com.

The BIF Symposium features two and one-half

days of educational programming with focused on this year's theme "Precision Breeding." Monday, July 3, kicks off with the Young Producer Symposium at 1 p.m. followed by the Welcome and Scholarship Reception. Monday evening the National Association of Animal Breeders (NAAB) will host its biennial symposium at 7 p.m.

Tuesday's general session will feature presentations by Dr. Peter Amer, AbacusBio Limited managing director; Dr. Eileen Wall, Scotland's Rural College

head of research & professor of integrative livestock genetic; Dr. Filippo Miglior, Lactanet Canada scientist and innovation executive; and Dr. Brian Kinghorn, University of New England, Australia.

Wednesday's general session speakers will include Dr. John Crowley, AbacusBio Limited; Dr. Juan Pedro Stieble, Iowa State University Lush Chair for Animal Breeding & Genetics; and Mokah Shmigelsky, One-Cup AI CEO.

Tuesday afternoon and Wednesday late morning technical breakout sessions will focus on a range of beef-production and genetic-improvement topics. A highlight of this year's symposium will be a Technology showcase at Olds College on Tuesday afternoon.

For registration and more symposium details, including hotel information, visit BIFSymposium.com. Prior to and during this year's symposium, be sure to follow the event on social media channels using the hashtag #BIF2023.

Each year the BIF symposium draws a large group of leading seedstock and commercial beef producers, academics and allied industry partners. The attendance list is a "who's who" of the beef value chain, offering great networking opportunities and conversations about the issues of the day. Program topics focus on how the beef indus-



try can enhance value through genetic improvement across a range of attributes that affect the value chain.

70th Anniversary Prints for Sale



The American Angus Auxiliary is offering this beautiful, one of a kind painting by CJ Brown. This piece is in honor of the Auxiliary's 70th anniversary and includes 29 of the top Angus cow families as well as all 68 past presidents. Order yours online at http://www.angusauxiliary.com or call Deanna Hofing (765-721-7776).



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48413 Beaver Valley Rd. Valley Springs, SD 57068 605 - 695 - 2173**Lindskov Thiel Ranch** Brent Thiel Les Lindskov PO Box 37

Mehlhaf Angus

605-848-1840

Isabel, SD 57633

Dale & Nathan Mehlhaf 43465 283 St Freeman, SD 57029 605-387-5411

Mettler Angus

Jerry Mettler 28884 480 Ave Canton, SD 57013 605 - 987 - 2114

Josh & Danielle Mikkelson

2005 47th St. SW Watertown, SD 57201

Miller Angus Farms Donald Miller

18742 468th Ave. Estelline, SD 57234 605 - 873 - 2852

Miller Angus of Draper

Curt & Janet Miller 28117 238th St Draper, SD 57531 605 - 669 - 2742

Mogck & Sons Angus

Charles & LeAndra Mogck 42193 282nd St Olivet, SD 57052 605-661-4562

Mogck Angus Farms David, Justin & Damon Mogck

1100 N Main St Tripp, SD 57376 605-940-9771

Mohnen Angus Steve & Kathy Mohnen 25770 370 Ave

White Lake, SD 57383

605-249-2719 **Moke Angus** Glenn or Brady Moke 27218 398 Ave

Corsica, SD 57328

Moore Angus

605 - 928 - 3687

Jerry & Pam Moore 23317 412th Ave Artesian, SD 57314 605 - 527 - 2395

Morse Angus

Martin & Eleanor Morse 23036 449th Ave Madison, SD 57042 605-256-3449

Ma & Pa Angus

Steven & Deb Mowry 25340 River Rd. Presho, SD 57568 605-895-2203

Mt. Rushmore Angus Ranch

Rypkema Family 15280 Lower Spring Creek Hermosa, SD 57744 605 - 342 - 2449

Michael Nagorske

745 20th Street Windom, MN 56101 605-261-0903

Nold Family Angus

Chuck & Katie Nold 15207 331 Ave Onaka, SD 57466 605-769-1272

Ogren Angus

Donnell & Roy Ogren 12302 425 Ave Langford, SD 57454 605-470-0258

Palm Angus

Nathan Palm 18725 472 Ave Estelline, SD 57234 605-690-2019

Palmquist Angus

Clayton Palmquist 14004 465th Ave. Wilmot, SD 57279

605-938-4461 **LaGrand Angus Ranch** Lance Pankratz 44130 279 St

Freeman, SD 57029

605-359-9221

Peckenpaugh Angus Tony Peckenpaugh 21722 428th Ave Carthage, SD 57323 605-772-5398

Jay & Malynda Penner

402 E Klasi St. Freeman, SD 57029 605-929-7314

Pfaff Angus

Rex & Tracy Pfaff 35616 302nd St Bonesteel, SD 57317 605-654-2443

Puepke Angus Cameron & Amy Puepke

40452 250th St. Mitchell, SD 57301 605 - 770 - 4414

Raml Cattle

Phil Raml 46626 170 St Goodwin, SD 57238 605-881-0700

Raven Angus

Rod, RJ & Reed Petersek $28665\ 326\ Ave$ Colome, SD 57528 605-842-2153

SDA membership

Continued from page 12

RCA Valley Angus Rick & Cindy Pigors Brandon & Ashley Smith 41123 139 St Andover, SD 557422 605-380-4426

Ravellette Cattle Donald & Tamara Ravellette PO Box 633 Philip, SD 57567 605-859-2969

Rekow Angus Keith & Derek Rekow 41811 124 St Langford, SD 57401 605-380--5507

Blacktop Farms Steve & Lori Repenning 41366 258th St Mitchell, SD 57301 605-996-0196

Retzlaff Angus Rick Retzlaff 46293 Robert Penn Ln. Vermillion, SD 57069 712-251-9339

Rogen Angus Dick & Shally Rogen 48274 258th St. Brandon, SD 57005 605-582-3630

Rossow Angus Tim & Shari Rossow 11136 US Hwy 83 Herreid, SD 57632 605-437-2486

Roth Angus Craig Roth 42879 277 St Freeman, SD 57029 605-925-4650

Schelske Angus Aaron, Adam, Mark & Cadee Schelske 38519 217th St. Virgil, SD 57379 605-350-1137

Scholtz Cattle Co. Andrew & Lainie Scholtz 34560 178th St. Orient, SD 57467 (605) 228-8163

Dakota Acres Kurt Schultz PO Box 149 Baltic, SD 57003 605-310-4054

Schaaf Angus Ranch Robert & Deborah Schaaf 22785 159th Ave New Underwood, SD 57761 605-390-5535

Sletten Angus LLC John & Tammy Sletten PO Box 615 Faith SD 57626 605-967-2238

Slovek Ranch Bo Slovek 20892 Slovek Rd Philip, SD 57567 605 - 454 - 8124

Eric, Skyler & Stacy Solsaa 45417 186th St. Hayti, SD 57241 605-237-0984

Solsaa Angus

J & J Angus John Sonstebo PO Box 50 Wallace, SD 57272 605-758-2100 • 605-520-3870

Styles Angus Chris & Erica Styles PO Box 56 Brentford, SD 57429 605-887-7000

Styles Angus Madison Styles PO Box 56 Brentford, SD 57429 605-887-7000

Thomas Ranch Troy & Veabea Thomas 18475 Capri Place Harrold, SD 57536 605973-2448

Lazy TV Ranch Vaughn & Wendy Thorstenson 12980 Cedar Rd Selby, SD 57472 605 - 649 - 6262

Thyen Farms Dan, Jim & Nathan Thyen

46220 165th St. Waverly, SD 57201 605-520-5120

Naples Cattle Co Kristi Maynard Timothy Olderr 2404 Sonoma St. Honolulu, HI 96822

C & M Cattle Charles & Matthew Tollefson 42034 165th St Clark, SD 57225 605-532-3917

Totton Angus Charles & Tanya Totton 34655 240th St Chamberlain, SD 57325 605-234-0349

David Uhrig 15280 Lower Spring Creek Hermosa, SD 57744 308-760-5102

Weiland Cattle Company

Seth & Don Weiland 30539 471st Ave. Beresford, SD 57004 605-368-4334 • 605-957-5436

Varilek Angus

Mick & Lynn Varilek 29208 374th Ave Geddes, SD 57342 605-337-2261

Pine Creek Angus Ranch

Lyle & Miriam Weiss 17013 Maurine Rd Faith, SD 57626 605-748-2217

Werning Cattle Co. Dale Werning 27262 424th Ave Emery, SD 57332 605 - 661 - 3625

Wicks Angus Scott & Sharon Wicks 41639 186th St Carpenter, SD 57322 605-352-9802

Western Icon Angus Vaughn Wicks 21316 409th Ave. Cavour, SD 57324 605-350-8110

Wilkinson Ranch Inc 20143 440 Ave Lake Preston, SD 57249 605-847-4102

Willer Cattle Co. Dillan or Brian Willer 43116 243rd St. Canova, SD 57321 712-348-0402

Crook Mt Angus Ranch

James F. Willson 20444 Crook Mt Rd Whitewood, SD 57793 605-641-6906

Wolf Angus Nick & Staci Wolf 30315 406 Ave Avon, SD 57315 605-840-1715

Dawson Creek Angus Dwayne Wipf 42805 Maxwell Rd Scotland, SD 57059 605-660-9762

Check Your Bulls for Frostbite this Winter

With the recent winter storms South Dakota has experience cattle producers will need to check their bulls for frostbite.

North Dakota State

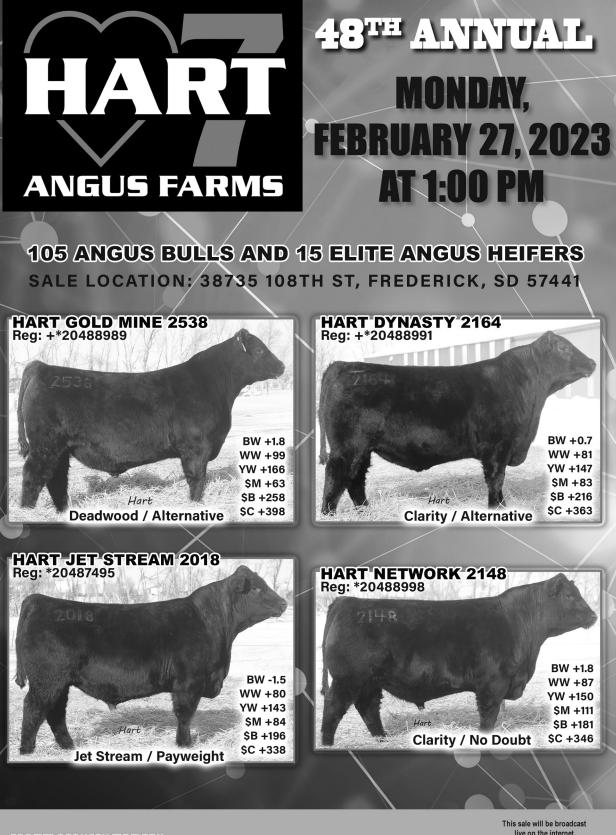
University says evidence of frostbite to the scrotum is usually apparent a few days after freezing in the form of noticeable inflammation and swelling. The heat generated from the inflammation directly affects the sperm that are maturing and stored in the epididymis, which surrounds the testicle at the lower end of the scrotum. The resulting damage may cause temporary or, in more severe cases, per manent sterility in the bull. A scab may appear on the lower portion of the scrotum as healing occurs. However, the absence of a scab does not indicate that frostbite injury has not occurred. Severe frost damage to the testicle and epididymis may cause tissue adhesions, affecting mobility and circulation within the scrotum.

Evaluation of possible frostbite damage is



Photo of scrotal frostbite damage in bull, courtesy of Ashley Fisher, DVM.

best accomplished by a trained veterinarian performing a breeding soundness examination 45 to 60 days after the injury occurred. A semen evaluation performed earlier than this period will most likely indicate poor semen quality and could result in unnecessarily culling a bull that may produce satisfactory semen after healing has occurred. An examination normally includes a physical evaluation of the entire reproductive tract including the testicles and epididymis, as well as a microscopic semen evaluation recording sperm motility and morphology.





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2023 Sales

- Jan. 27 McConnell Angus Bull & Female Sale, I2:30 pm MT at the ranch, Dix, NE
- **Jan. 28** Little Goose Ranch Bull Sale, at Buffalo Livestock, Buffalo, Wy
- **Jan 30** Nagel Cattle Company 29th Annual Bull Sale, at the ranch, Springfield, SD
- **Feb. I** Ressler Ranch Bull Sale, 1:00 p.m., at the ranch, Cooperstown, ND
- **Feb. 3** 6 Mile Angus 4th Annual Sale 6:30 p.m. at Branded Bar & Grill, Flasher, ND
- **Feb. 4** Ellingson Angus Bull Sale, at the ranch, St. Anthony,
- Feb. 4 Beartooth Angus Production Sale, at the ranch, Laurel,
- **Feb. 5** Frey Angus Ranch 48th Annual Production Sale, 1:00 p.m. at the Ranch Granville, ND
- **Feb. 7** Babcock Angus Annual Bull Sale, 1:00 p.m., at the ranch, near Long Pine, NE
- **Feb. 7** Hoover Angus 95th Anniversary Bull Sale, at the Hoover Angus Sale Facility, North of Tingley, IA
- **Feb. 8** Jindra Angus 23rd Annual Production Sale, at the Bull Center, near Clarkson, NE
- **Feb. 9** Rust Mountain View Ranch, 1:00 p.m. at the ranch, Mercer, ND
- **Feb. 9** Hoffman Angus Farms Bull Sale, 2:00 p.m., Bonanza Ag Services, Chaffee, ND
- **Feb. 9** Booth's Cherry Creek Angus Bull Sale, at the ranch, Veteran, WY
- **Feb. 10** Raml Cattle Annual Bull & Bred Heifer Sale, 1:00 p.m. at ranch, Goodwin, SD
- Feb. 10 Powder River Angus Bull Sale, 1:00 p.m., at the
- Buffalo Livestock Auction, Buffalo, WY **Feb. 11** Schaff Angus Valley 120th Production Sale, at the ranch, St. Anthony, ND
- **Feb. 11** CK Cattle Company & Wager Cattle Company Annual Production Sale, 3:00 p.m., at the ranch, Highmore, SD
- **Feb. 11** Big Rok Angus Annual Production Sale 1:00 pm at the ranch, Detroit Lakes, MN

- **Feb. 13** Sletten Angus Bull Sale, Faith Livestock Auction, Faith, SD
- **Feb. 13** Wilkinson Ranch Annual Yearling Black Angus Bull Sale, DeSmet Event Center, DeSmet, SD
- **Feb. 13** Logterman Family Hereford & Angus Production Sale, I:00 p.m., Valentine Livestock Auction, Valentine, NE
- **Feb. 14** Werning Cattle Company 42nd Annual Production Sale, at the ranch in Emery, SD
- **Feb. 14** Raven Angus Production Sale, 1:00 p.m., at the ranch, Colome, SD
- Feb. 14 Felton Angus Bull Sale, at the ranch, Deer Lodge, MTFeb. 15 Hilltop Angus Farm 45th Annual Production Sale, at the ranch, Bowdle, SD
- **Feb. 15** Millar Angus Annual Bull Sale, 1:30 p.m. at the ranch, Sturgis, SD
- **Feb. 16** Krebs Ranch 43rd Annual Bull Sale, at the ranch, Gordon, NE
- **Feb. 16** Miske Angus Bull Sale, at Glendive Livestock Exchange, Glendive, MT
- **Feb 16** Mogck & Sons 40th Annual Production Sale, at the ranch, Olivet, SD
- Feb. 17 Gumbo Hill Ranch 19th Annual Production Sale, 1:00 p.m., at the ranch, Mcintosh, SD
- Feb. 18 Solsaa Angus Annual Sale, Hayti, SD
- **Feb.18** Varilek Angus Bull Sale, 1:00 p.m., at the ranch, 7 miles south of Geddes, SD
- **Feb 19** Bruner Angus Ranch Annual Production Sale, 2:00 p.m at the ranch, north of Drake, ND
- **Feb. 19** Palm Angus 11th Annual Production Sale, 1:00 p.m. at the Glacial Lakes Livestock Sale Facility, Watertown, SD
- at the Glacial Lakes Livestock Sale Facility, Watertown, SD Feb. 21 Coleman Angus Bull Sale at the ranch, Missouloa, MT
- **Feb. 22** Chestnut Angus 25th Annual Production Sale, 1:00 p.m. at the farm, Pipestone, MN
- **Feb. 22** Mount Rushmore Angus 57th Annual Production Sale, 1:00 p.m. at the ranch near Rapid City, SD
- **Feb. 24** Beitelspacher Ranch Annual SimAngus & Angus Production Sale, 1:00 p.m., Mobridge Livestock Auction, Mobridge, SD
- **Feb. 24** Sprunk Erdmann 12th Annual Joint Production Sale, 1:00 p.m., at the Ransom County Fairgrounds, Lisbon, ND

- **Feb. 24** Hyline Angus Bull Sale, at Headwaters Livestock, Three Forks, MT
- **Feb. 24** Gant Polled Herefords & Angus Annual Sale, 1:00 p.m., at Gant Ranch, 2 miles west Geddes, SD
- **Feb. 25** Johnson Rose Angus 51st Genetic Advantage Bull Sale, Mobridge Livestock, Mobridge, SD
- **Feb. 25** Bush Angus Annual Focus on Performance Sale, at the ranch, Britton, SD
- Feb. 25 Kretschman Angus Bull Sale, Buffalo Livestock, Buffalo MX
- Feb. 25 Carlson Angus Annual Bull Sale, 1:00 p.m. at the
- ranch, Regent, ND **Feb. 26** Peckenpaugh Angus Bull Sale, 2:00 p.m., at the ranch,
- Carthage, SD

 Feb. 28 Deep Creek Angus Ranch Annual Production Sale,
- 12:00 Noon, Philip Livestock Auction, Philip, SD

 Feb. 28 Coppelly Angus Bull Sale at the ranch Valier, MT.
- Feb. 28 Connelly Angus Bull Sale, at the ranch, Valier, MTMar. 3 Reminisce Angus Bull Sale, at Reminisce Angus Sale Barn, Dillon, MT
- **Mar. 4** Lucky 7 Angus Bull Sale, at Riverton Livestock Auction, Riverton, WY
- **Mar. 6** Styles Angus 45th Annual Production Sale, 1:00 p.m., at the farm, Brentford, SD
- Mar. 7 Apex Angus Bull Sale, at the ranch, Valier, MT
- Mar. 9 Wheeler Mountain Ranch Angus Bull Sale, at WMR Angus Ranch, Whitehall, MT
- Mar. II Dohrmann Cattle Co. Annual Production Sale, I:00p.m., at Kist Livestock, Mandan ND
- Mar. II Fast-Strommen Angus 52nd Annual Production Sale, at I:00 p.m. at Kist Livestock, Mandan, ND
- Mar. II Thousand Hill Ranch Angus Bull Sale, at Headwaters Livestock Auction Yards, Three Forks, MT
- Mar. 13 Schauer Angus 33rd Annual Bull Sale, 1:00 p.m., Faith Livestock Auction, Faith, SD
- Mar. 13 Pine Coulee Angus Bull Sale, at Wagon Box Ranch, Hardin, MT
- Mar. 14 Veltkamp Angus Bull Sale, at the ranch, Manhattan,
- Mar. 15 Wagonhammer Ranches Total Performance Production Sale, Albion NE



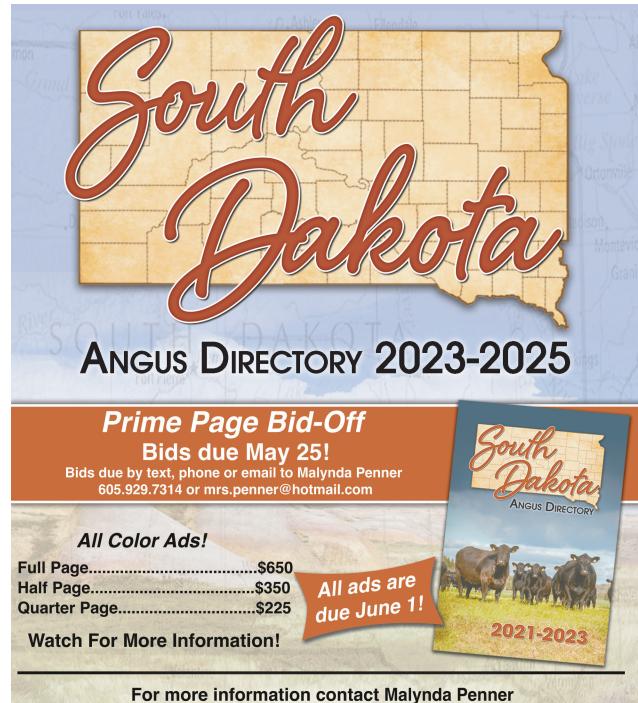
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- Mar. 15 Topp Angus Annual Bull Sale, 4:30 p.m. at the ranch, Grace City, ND
- Mar. 15 Stevenson Angus Bull Sale, at the ranch, Hobson, MT
- Mar. 16 Malek Angus Bull Sale, at the ranch, Highwood, MT
 Mar. 17 Montana Performance Co-Op Angus Bull Sale, at Midland Bull Test Sale Facility, Columbus, MT
- Mar. 18 Fuoss Angus 25th Annual Production Sale, 1:00 p.m., at the ranch, Draper, SD
- Mar. 19 Hanneken Angus 18th Annual Focus on Quality Sale, 1:00 p.m., at the ranch, Royalton, MN
- Mar. 21 Rocking L Genetics and Snowy Mountain Angus Bull Sale, Lewistown, MT
- Mar. 22 McCumber Angus Ranch Annual Bull Sale, at the ranch, Rolette, ND
- Mar. 22 Peterson Grain and Cattle Angus Bull Sale, at Sale Facility, Havre, MT
- Mar. 23 Lau's Valley View Farm 55th Annual Bull Sale, 1:00 p.m., at the farm, Armour, SD
- Mar. 23 Wheatland Cattle Company 19th Annual Bull Sale, Beinfait, SK
- Mar. 25 Connealy Angus Spring Bull Sale at the ranch, Whitman. NE
- Mar. 25 Lund's B Bar Angus Bull Sale, at the ranch, 1:00 p.m., Baker, MT
- Mar. 25 Lehrkamp Livestock Annual Bull Sale, 1:00 p.m. at the ranch, Caputa, SD
- Mar. 27 Miller Angus Farms 100th Anniversary Sale, 1:00 pm., Glacial Lakes Livestock, Watertown, SD
- Mar. 27 Larsen Angus Bull Sale, at the ranch, Forsyth, MT Apr. I Brooks Chalky Butte Angus Ranch, Annual Bull Sale,
- at Bowman Auction Market, Bowman ND **Apr. 4** Vollmer Angus Ranch 46th Annual Production Sale, I:00 p.m. at the ranch, Wing, ND
- Apr. 4 Hinman Angus Bull Sale, at the ranch, Malta, MT
- **Apr. 4** WEBO Angus Bull Sale, at the ranch, Lusk, WY
- Apr. 6 Wulf Cattle Opportunity Sale of 2023, 12 Noon, Online Only Sale
- **Apr. 6** Fox's Angus Farm Annual Production Sale, at Glacial Lakes Livestock- South Sale Barn, Watertown, SD
- Apr. 6 A&B Cattle 33nd Annual Sale, 1:00 p.m. at the ranch, Bassert NF
- Apr. 7 Turtle Creek Angus Production Sale 1:00 p.m. at
- the ranch, Faith SD **Apr. 8** Woodhill Farms Annual Bull Sale, 1:00 p.m. at the
- farm, Viroqua, WI

 Apr. 11 Thomas Ranch 51st Annual Production Sale, 1:00
- p.m., at the Thomas Ranch Sale Facility, Harrold, SD **Apr. 11** Hilltop Angus Annual Production Sale, at the ranch,
- Apr. 12 Pass Creek Angus 49th Annual Bull Production Sale
- I:00 p.m. at the ranch in Wyola, MT **Apr. 14** Regency Acres Angus Bull Sale, Sidney Livestock
- Market Center, Sidney, MT **Apr. 15** Lindskov's LT Ranch Charolais and Angus Bull Sale,
- at the ranch, Isabel, SD **Apr. 16** Gimbel Family Cattle Annual Sale at the farm, Ree
- Heights, SD **Apr. 19** Keller Windchime Angus Annual Bull and Female Sale, 11:00 a.m. at Dunlap Livestock Auction, Dunlap, IA
- **Apr. 19** Schaack Ranch Annual Production Sale, at the ranch, Wall, SD
- Apr. 21 Timber Line Angus Bull Sale, Manhattan, MT
- **Apr. 22** Wicks Angus 29th Annual Production Sale, 6:00 p.m., at the ranch, Carpenter, SD
- **Apr. 25** Baxter Angus & Jandel Angus Bull Sale, 5:00 p.m. at Baxter Angus Farms, Rockham, SD
- **Apr. 25** Cottonwood Angus Farm Bull Sale, 2:00 p.m. at Philip Livestock Auction, Philip, SD
- **Apr. 25** Currant Creek Angus Bull Sale, Miles City, MT
- May. 4 Kopriva Angus Annual Production Sale, 6:30 p.m at the ranch, Raymond, SD
- May. 4 Spruce Hill Ranch Spring Bull Sale, at the ranch, Ludlow, SD
- May 5 Nold Family Angus Annual Bull Sale, Hub City Livestock, Aberdeen, SD
- **Jun. 5** Urlacher Angus Annual Bull Sale 2-Year-Old Bulls, Bowman Auction Market, Bowman ND

2023 Events

- Jan. 27-Feb. 4 Black Hills Stock Show and Rodeo, Rapid City, SD
- **Feb. 1-3** Cattle Industry Convention & NCBA Trade Show, New Orleans. LA
- **Feb. 8-11** Watertown Winter Farm Show, Watertown, SD **Feb. 11** Heart City Bull Bash, Valentine, NE
- **Feb. 12-16** 76th Society for Range Management Annual Meeting, Boise, Idaho.
- **Feb. 18-26** Nebraska Cattlemen's Classic, Buffalo County Fairgrounds, Kearney, NE
- Mar. 17 American Chi Angus Ohio Beef Expo, Columbus, OH



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