

The National Bison Association (NBA) Weekly Update is an exclusive service for NBA members.

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NBA Weekly Update for May 19, 2023

The Weekly Update is a service designed to provide National Bison Association members with news and information affecting bison production and marketing. Many items in the Weekly Update are reprinted from outside sources. The content of those articles does not necessarily reflect the policy position of the National Bison Association. The articles are reproduced here only as a means to keep our membership informed as much as possible of all information and opinions relating to bison that is circulating publicly.

Strong Bison Presence at the 2023 National Restaurant Association Show

The annual National Restaurant Association (NRA) Show is the must-attend event for the restaurant and foodservice industry. As the world's most influential showcase of innovation and inspiration, it's where every trend, solution and category are represented — and this year the NBA and bison marketers will be connecting with the foodservice community to get bison on



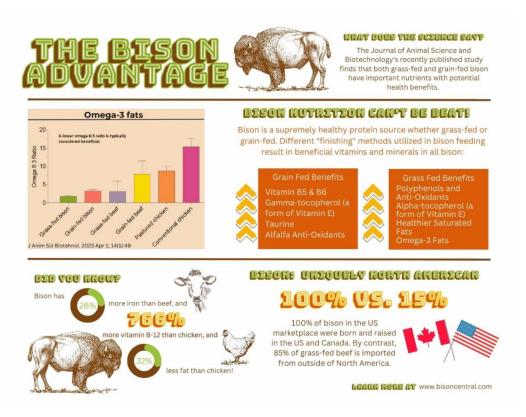
more menus, and more cuts added to those already carrying our product.

Professionals from across the industry will gather in Chicago on May 20-23, 2023, for a future-forward experience where they will discover everything it takes to stay revenue-driven and relevant — from tantalizing tastes of bison for their menus to actionable solutions for streamlining service, payments and more. This event allows bison marketers to build connections with key suppliers and food service professionals from around the world.

Bison marketers include Force of Nature Meats, North American Bison LLC, and Rocky Mountain Natural Meats.

The NBA's executive director, Jim Matheson will attend the event, with support from the Colorado Department of Agriculture, who said of the event, "It's great to see so much industry representation at the NRA this year. As the herd grows, so too does the opportunity to add bison cuts to restaurant menus to meet the growing appreciation among consumers, and chefs, for what we consider to be a true American delicacy".

Matheson will also take the opportunity to meet with staff from the US Meat Export Federation, of which the NBA is a member, to discuss bison meat exports to the foodservice sector of the Caribbean, Mexico, Japan, and the European Union specifically. He'll also be handing out the new NBA postcard promoting recent findings that show both grass and grain-finished bison are more nutritionally advantageous than grass-fed beef, as well as the truly North American nature of our industry. The NBA will also handout the postcard pictured above, promoting our Eat Bison to Restore Bison consumer campaign.



Mycoplasma bovis Taskforce Meets

The Center of Excellence for Bison Studies-led Mycoplasma taskforce met today for their quarterly meeting. The group, chaired by Dr. Jeff Martin at South Dakota State University, is made up of bison researchers, producers and NBA staff, discussed recent developments in progress on understanding this devastating disease.

Among the updates, the COE supported study by Colorado State University looking into the virulence of M. bovis in bison reported good progress on data collection, thanks in part to NBA members participating in Dr. Danielle Buttke's recent survey, which is now being analyzed for a better understanding of how M. bovis is transmitted and from what species, both domestic and wild.

The USDA ARS's Dr. Bryan Kaplan, who is the lead researcher working on a potential vaccine, shared the following note for the NBA's May board meeting held this week, which is encouraging:

"This morning the bison experiment team met to discuss the results from the latest vaccine trial. This trial was designed to assess the efficacy of an injectable, adjuvanted M.

proteins. These are preliminary results as we are still waiting on the return of samples needed for analysis of samples for pathology. Initial antibody responses to the vaccine are encouraging, all vaccinated animals had detectable vaccine specific titers after two doses of the injectable subunit vaccine. The 9 bison in the study (5 vaccinates, 4 controls) were inoculated intranasally using a two-pronged approach: BHV-1 followed four days later with Mycoplasma bovis. This was done as studies in cattle have shown the virus-bacteria co-infection enhances disease following challenge; we understand the concerns using this infection model however, due to the difficulty recapitulating clinical disease in a laboratory setting and the need for a robust challenge model to fully evaluate vaccine efficacy, this was an acceptable course of action for the initial study. Two animals in the control group were euthanized prior to the predetermined study endpoint (21 days post-infection) after showing clinical signs (lameness, increase respiratory rate, labored breathing, and swollen joints). No clinical signs were observed in the vaccinate group. We observed a trend towards reduced bacterial carriage in the lungs of vaccinated bison and a reduction in detection and isolation from the joints of vaccinated animals. As noted above, we are still waiting on results from the pathologist. This is encouraging data but there are improvements that can be made. Further research will need to better characterize the bison immune response to mycoplasma infection and attempt to identify beneficial as well as detrimental immune responses. We have a manuscript in preparation which details this data. Finally, through our proteomics work we have identified novel vaccine antigen candidates that we would like to incorporate into the vaccine."

bovis subunit vaccine. The M. bovis antigens in the vaccine are the EFTu and HSP70

See the NBA's 2022 M. bovis fact sheet at https://bisoncentral.com/wp-content/uploads/2022/06/Mycoplasma-Fact-Sheet 3 2022.pdf.

Sponsorship Opportunities for Regional Events

Bison are more than livestock or wildlife. They are the heritage and future of North America and the National Mammal of the United States. Thank you for all you do for the heritage and future of this unmatched animal, and the people that love them.

We've heard from members that while they would love to join the NBA for its summer conference, it's typically too far from home during the busy farming and ranching season. So, we are bringing the summer conference closer to our members.

We are offering six regional events, reaching five of nine NBA member regions in 2023! We are on track to hold events in the remaining regions in 2024. Each event will feature local speakers, collaborate with local state/regional bison associations to provide the collective membership with top-notch learning and networking opportunities.

So what is your role in all of this?

- 1. Participate We warmly invite you to attend any or all of the events.
- 2. <u>Support</u> Consider sponsorship. We are offering exclusive promotional opportunities that include prominent recognition of businesses to the bison community and business commitment to the bison business. Please contact us right away with interest or questions: jim@bisoncentral.com or lydia@bisoncentral.com, or call 303-292-2833.
- 3. <u>Share</u> Please share widely these learning and networking opportunities- use the information in this newsletter, or utilize our content on social media platforms @nationalbison.



YOU ARE INVITED

2023 REGIONAL EVENTS

JUNE

6.17.23 REGION 3: 777 RANCH HERMOSA, SD

6.24.23 REGION 7: CHEROKEE VALLEY RANCH THORNVILLE, OH

JULY

7.9.23 REGION 5: SLEEPY BISON RANCH SLEEPY EYE. MN 7.15.23 REGION 1: SHOEMAKER BISON RANCH ONTARIO, OR

SEPTEMBER 9.30.23 REGION 5: DOUBLE J BISON RANCH BALDWIN, WI

OCTOBER

10.7.23 REGION 8: RIFFLE FARMS TERRA ALTA, WV

National Bison Association Regions



MORE INFORMATION & REGISTRATION: WWW.BISONCENTRAL.COM/NBA-CONFERENCES/



The challenge and reward of raising this hardy and majestic animal is second to none. We learn from them and their survival instincts and ensure their continued presence in North America's future. Join us exploring what it takes to regeneratively ranch using bison!

Editor's Note: The following news stories were distributed by organizations not affiliated with the National Bison Association. They may not reflect the opinions or the positions held by the NBA on matters such as genetic integrity, animal management, and other issues.

Regenerative Bison Ranching Field Day at Cherokee Valley Bison Ranch near Thornville, Ohio - June 24th

May 19, 2023 (Thornville, OH)

The National Bison Association (NBA), in cooperation with Cherokee Valley Bison Ranch and the Eastern Bison Association, will hold its fourth Regenerative Bison Ranching Field Day outside of Thornville, Ohio, on Saturday June 24th, in the six-workshop series funded by a grant from the North Central Region Sustainable Agriculture Education and Research (SARE) at the University of Minnesota.

The field day will within steps of the bison herd at Cherokee Valley Ranch, which has been family owned for over 50 years. Bison have lived there since 2008, and are grass fed to feed their family and the community. The ethic of stewardship leads their choices in how their animals are raised, and the land is cared for. The field day will feature field sessions that will cover an array of topics including how to utilize bison as a tool in regenerating healthy soils and grasslands, while sequestering carbon and adding value to your farm or ranch, and adding diversity to the farm through silvopasture.

In addition to enjoying the little slice of paradise at Cherokee Valley, there will also be the treat of a bison lunch provided by Chef Meagan's Food Truck, highlighting bison three ways. Kimchi grilled teriyaki bison brats, juicy lucy bison burgers, and tender traditional bison brisket will be on the menu.

Said NBA Program Manager, Lydia Whitman, "This is a great opportunity to come out and see first-hand how to raise bison in a regenerative manner that is not only good for the land that they graze on, but also for the farm?s bottom line. This is a well rounded day that will not only focus on regenerative agriculture in the field, but other components that makeup a successful bison operation, including how to fund your operation, a conversation with the Natural Resources Conservation Service, even a specialist presenting on Paw Paws! There's something here for everyone."

Registration is just \$50/person and includes access to all field day sessions and a bison lunch. Please register online at - https://bisoncentral.com/nba-conferences/.

The NBA thanks the North Central Region Sustainable Agriculture Education and Research (SARE) and the University of Minnesota for their support in this project. Learn more at https://www.sare.org/.

Regional Bison Conference at 777 Bison Ranch - June 17th May 19, 2023 (Rapid City, SD)

The National Bison Association (NBA), in cooperation with 777 Bison Ranch and the Dakota Territories Buffalo Association, will hold its first of three regional summer conferences in 2023. The setting for this event will be the beautiful 777 Bison Ranch near Hermosa, South Dakota, on Saturday June 17th.

The field day will on the prairie where the Hillenbrand family has been raising bison for over 30 years. It is located in southwestern South Dakota, where the landscape is comprised of mixed, short grass prairie. The 777 Bison Ranch raises its animals holistically, sustainably, and humanely. It has a strong belief to care for the land, plants, and the wildlife in the same manner. It plans for the whole, using Holistic Management, which has helped set its goals and achieve them.

Leaders in holistic management and bison restoration from across the continent are scheduled to present, including Liz Riffle, Glenn Plumb, and Cody Smith. The event will lead with gathering at the host hotel, the Ramkota, in Rapid City, South Dakota Friday night. All day Saturday will be ranch time, featuring field sessions that will cover an array of topics including how to utilize bison as a tool in regenerating healthy soils and grasslands, while sequestering carbon and adding value to your farm or ranch.

Registration is currently open for this event, and is only \$150/ person and includes all

meals. Please register online at - https://bisoncentral.com/nba-conferences/.

Said NBA Executive Director, Jim Matheson, "Mark your calendars and plan to join the NBA, in cooperation with the Dakota Territory Buffalo Association, on June 17th at the 777 Bison Ranch in the Black Hills of South Dakota. The 777 team is graciously opening up their bison operation to NBA and DTBA members for the first of the NBA's 2023 regional summer/fall conferences. This is a great opportunity to tour one of the premier bison operations in the US today, tour their well-managed herd and see first-hand the results of over 30 years of holistic land management. We have a great lineup of expert speakers addressing pertinent bison topics, ranging from handling to holistic management to species restoration, - weather permitting - live in the field, concluding with a bison BBQ at the 777 Ranch! We'll also have a great bison gathering and networking event the previous evening at the host-hotel, the Rapid City Ramkota, with dinner and a fundraiser. Don't miss out on this unique bison opportunity, register today!"

Bison Industry Weighs in on Farm Bill

Russell Nemetz/ Ag Info Monday, May 15, 2023

The National Bison Association (NBA) is encouraging members of the U.S. Senate and House Agriculture Committees to include farm bill policies that will foster continued growth in the bison business.

As the Agriculture Committees progress on the development of the 2023 Farm Bill, the National Bison Association this week provided each member of the committee with a summary of top priority issues for the bison business under the new long-term legislation.

The bison industry priorities include provisions regarding disaster assistance, trade, rural development, beginning farmer assistance, and truth-in-labeling. The organization also requested that agricultural research priorities recognize the importance of protecting the health of the nation's bison herds.

In a message accompanying the Bison Association's priorities, Executive Director Jim Matheson wrote, "Overall we simply want to ensure that bison is specifically included under the definition of livestock in terms of eligibility for all USDA loan, disaster, insurance, and other programs. Bison producers are generally included in farm bill programming, but being such a small sector of American agriculture, it always helps to explicitly list bison producers as being eligible."

Matheson also urged congressional leaders to include provisions that would encourage the elimination of trade barriers that place bison at a disadvantage to beef in the international marketplace. In the area of meat processing, the bison industry urged that loan and grant programs be expanded to encourage workforce development, infrastructure expansion, and reciprocity in state and federal inspection services, particularly in small facilities.

Read More.

6 Bison Remain on the Loose in Northern Maine CBS 13

FORT FAIRFIELD, Maine — Police say there are still six bison still on the loose in northern Maine. Several of the animals had to be put down earlier this week after the latest escape from a local farm.

The Fort Fairfield Police Department says they are working with the owner of Lone Wolf Bison to locate the six bison that are still at large.

As of Wednesday, police say they have had no reports of their location.

The incident remains under investigation, and authorities are coordinating with other local and state agencies and the owner to bring a resolution to the situation.

Police say the animals are large, fast, and unpredictable so do not approach them.

Read More.

Bees and Bison on the American Prairie

Steve Blackledge, Susan Holmes/ Environment America

In a healthy ecosystem, wildlife of all different sizes work together in harmony — even a two thousand-pound bison and a quarter-inch-long bee.

Here's how bringing back native grasslands will help bison and bees while transforming the Great Plains:

Restoring prairie habitat will be a boon for bison, bees and many other species Prairie habitat is a sliver of what it used to be. In the 1800s, prairie covered a full third of our country, a sea of grass from the Dakotas to Texas. But over the intervening years, that prairie has been steadily carved into farmland, towns and development. Today, one type of prairie — tallgrass — covers just 4% of its original area.

America's grasslands provide vital habitats for native pollinators, migrating birds and endangered species. Expanding prairie habitat for the American bison could also help replenish other species, including river otters, prairie dogs, grizzly bears and wolves. The Department of the Interior is dedicating \$25 million to conserve bison and restore the native plants they depend on. By restoring prairie habitat, we can start to heal the nature we've lost.

Bringing back prairie will also help fight climate change. As the climate warms, grasslands hold and store carbon.

Bison can transform the landscape

The American bison has roamed the plains of our country for millenia. But by the end of the 19th century, only a few hundred bison were left after hunting and habitat loss drove them close to extinction.

Luckily, the bison survived and this new initiative will help establish more bison-friendly habitat across the United States.

More prairie habitat will be good for bison, but bison will also help improve the prairie ecosystem. Bison herds increase the variety of native plant species because of their unique grazing habits.

Bison hooves agitate and break up the grass and soil, helping new plants flourish and making grasslands and entire ecosystems healthier. They eat prairie grasses, making room for more wildflower species to grow. And bison also roll on the ground, creating wallows that gather rainwater and help certain plants thrive.

With healthy bison herds, the prairie landscape becomes richer, with more kinds of wildflowers and more diverse grasses.

Read more.

Exploring the Rich Wildlife of South Dakota: A Haven for Nature Enthusiasts? Manolo Migelino/ Southwest Journal

South Dakota, often referred to as the "Land of Infinite Variety," offers a diverse array of landscapes, ranging from rolling prairies to majestic mountains. Within this scenic backdrop lies a vibrant and diverse wildlife population that captivates the hearts of nature

enthusiasts. From the iconic American bison to elusive predators like mountain lions, South Dakota's wildlife is as fascinating as it is diverse. This article takes you on a journey through the untamed wilderness of South Dakota, unveiling the captivating wildlife that calls this state home.

The Bison: Symbol of the Plains

South Dakota is synonymous with the American bison, an iconic symbol of the American West. Custer State Park, located in the Black Hills region, is home to one of the largest publicly-owned bison herds in the world. Witnessing these magnificent creatures roaming freely in their natural habitat is a truly awe-inspiring experience.

Read More.

Shareholders file class action against Beyond Meat

From Meatingplace

San Diego shareholder rights litigation firm Robbins LLC said The Retail Wholesale Department Store Union Local 338 Retirement Fund has filed a class action on behalf of purchasers of Beyond Meat common stock between May 5, 2020, and October 13, 2022. Plant-based alt-meat maker Beyond deceived investors, according to the complaint, regarding its ability to produce products at scale during the class period.

"Beyond Meat misled investors by boasting about the success of its product tests with its large-scale partnerships, including prominent food retailers like McDonalds, Starbucks, KFC, Pizza Hut and Taco Bell," the law firm wrote in its announcement about the suit. Instead, the complaint continues, "Beyond Meat was unable to manufacture its meat substitutes at scale to the specifications of its partners."

The filing cites delayed decision-making, production delays and disjointed production lines, which led to a lack of confidence among Beyond's potential partners.

Read more.

Minnesota Local Food Purchase Assistance Program

Applications are due by May 30, 2023.

The Minnesota Local Food Purchase Assistance (LFPA) Program is a new grant program from the Minnesota Department of Agriculture to fund projects that buy local food, primarily from socially disadvantaged and emerging farmers, and distribute that food at no charge to underserved communities throughout the state.

Individuals (including farmers), nonprofit organizations, for-profit businesses, tribal nations, government entities, agricultural cooperatives, economic development organizations, educational institutions, and representatives of a community collaboration are eligible to apply, though required to partner with at least one other individual or organization.

The maximum award is \$100,000 and the minimum is \$10,000.

Read more.

Conservation Innovation Grants in Virginia

Applications are due by May 29, 2023.

USDA Natural Resources Conservation Service in Virginia is accepting applications for Conservation Innovation Grants to stimulate the development and adoption of innovative

conservation approaches and technologies. A total of \$400,000 is available. CIG generally funds pilot projects, field demonstrations, and on-farm conservation research. Soil health and forestry are state priorities this year.

Read more.

Conservation Innovation Grants in South Carolina

Applications are due by June 5, 2023.

USDA Natural Resources Conservation Service in South Carolina is accepting applications for Conservation Innovation Grants (CIG) State Program funding to stimulate the development and adoption of innovative conservation approaches and technologies. A total of \$500,000 is available for the South Carolina CIG competition in FY 2023. Nonfederal entities and individuals are invited to apply. Projects may be between one and three years in duration, and the maximum award amount for a single award in FY 2023 is \$250,000. State priorities for projects are water quality, soil health, air quality, and climate-smart agriculture and forestry.

Read more.

farm crisis center

Even in the best of times, farming can be an incredibly highstress occupation. Unpredictable weather, crop disease, volatile markets, heavy workloads, and social isolation are just a handful of the challenges that farmers may face.

These conditions force many family farmers and ranchers to make tough financial decisions that will impact their families, communities, and the entire country.

National Farmers Union compiled resources to help farmers through stressful times. Find them at:

https://farmcrisis.nfu.org/

National Suicide Hotline - 800-273-TALK (8255)



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Save the Date!

- 5/25/2023 Jack Auction Group Video Auction Online
- 6/09/2023 Texas Bison Assn. Spring Conference Waco, TX
- 6/16/2023 NBA Regional Conference Rapid City, SD
- 6/16/2023 Montana Bison Association Summer Meeting MT
- 6/21/2023 Jack Auction Group Video Auction Online
- 6/24/2023 NBA Regenerative Ranching Field Day Thornville, OH
- 7/09/2023 NBA Regenerative Ranching Field Day Sleepy Eye, MN
- 7/15/2023 NBA Regional Conference New Plymouth, ID
- 8/9/2023 Jack Auction Group Video Auction Online
- 9/13/2023 Jack Auction Group Video Auction Online
- 9/29/2023 Eastern Bison Association Fall Conference Varysburg, NY
- 9/30/2023 NBA Regenerative Ranching Field Day Baldwin, WI
- 10/7/2023 NBA Regional Conference Terra Alta, WV
- 10/13/2023 Jack Auction Group Video Auction Online
- 11/8/2023 Antelope Island State Park Production Auction Webcast
- 11/10/2023 Illinois Indiana Bison Association Fall Conference Roanoke, IN
- 11/10/2023 Jack Auction Group Video Auction Online
- 12/6/2023 Jack Auction Group Video Auction Online
- 1/1/2024 Prairie Legends Bison Auction Webcast

Please visit https://bisoncentral.com/calendar/ for details and more up-to-date events. If you have a bison event coming up that's not listed, please send the details to ijim@bisoncentral.com, and the NBA will post the event on its website at no charge.

Click Here for NBA Calendar of Events







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