

**Inside This Issue:**

# **70th National Hard Spring Wheat Show**

PRSR STD  
U.S.  
POSTAGE  
PAID  
The Roundup  
  
ECRWSS  
Postal Customer

# **AR**

**ROUNDUP**

## **February 2023**

Farm & ranch monthly magazine published by The Roundup  
PO Box 1207 • Sidney, MT 59270 | 406-433-3306 | [info@roundupweb.com](mailto:info@roundupweb.com)



# 70th Annual National Hard Spring Wheat Show Scheduled Feb. 1



**Evan Shout presenting at Farmer Coach Session. Shout's keynote entitled "Bet the Farm -Using Data and Technology to Win the Farm Management" will be at 1 p.m. (Photo by Lauren Parker)**

The 70th Annual National Hard Spring Wheat Show is scheduled in Williston at the Grand Williston Hotel & Conference Center, 3601 2nd Ave. W. on Feb. 1.

The schedule begins with an Ag Appreciation Breakfast at 7 a.m. sponsored by American State Bank & Trust

Beau Anderson, Williams County Commissioner; Dusty Berwick, Williams Co. Commodity Elections president and Kelly Leo, Williams Co. ag & national resources agent will welcome attendees at 8 a.m.

Daryl Ritchison will present the Weather Outlook for the Northern Plains at 8:15 a.m. followed by Joelle VanderLinden, H&M Teams Works Consulting, Inc. owner, presenting "LoadPass Permits System, in cooperation with Western Dakota Energy Association" at 8:45 a.m.

Evan Shout, Maverick Ag Ltd. president and co-founder, western Canada, will be the keynote speaker at 9:15 a.m.; speaking on "The 6% Rule - How Technology, Humans and Agronomy have changed the 5% rule".

At 10:15 a.m., there will be a break/Commodity Elections-Dry Pea and Lentil Council, sponsored by Thrivent Financial.

"Herbicide Resistance and Palmer Amaranth", will be presented by Charlemagne Lim, NDSU Extension weed specialist, Williston Research Extension Center.

Dr. Brian Jenks, NDSU weed scientist, North Central Research Extension Center, will give a 2023 Weed Control Update at 11:15 a.m.

The Awards Luncheon is at noon for a cost of \$10. Sponsors will be recognized.

Evan Shouts, keynote speaker, will focus on "Bet the Farm -Using Data and Technology to Win the Farm Management" at 1 p.m.

Audrey Kalil, PhD, NDSU plant pathologist, Williston Research Center will give a Management Update on "Head Scab of Small Grains" at 2 p.m.

Ben Larson, Birdsall Grain & Seed; Charlie Cahill, Cahill Seeds, will have Variety Updates at 2:30 p.m.

An afternoon break at 2:45 p.m. will be sponsored by Kalil Law Firm.

A Soil Fertility Panel consisting of Matthew Keller, Farmers Edge; Jeannie Rude, ProCo-op; Sara Erickson, Horizon Resources; and Jack Pieper, Vision Research Park, will be presented at 3:15 p.m.

Commodity Group Updates, featuring Steve Edwardson, ND Barley Growers; Dustin Johnsrud, ND Wheat Commission and Chad Anderson, NDCISA will be at 4:15 p.m.

Frayne Olson, PhD, NDSU Crop Economist/Marketing Specialist and Quentin Burdick Center for Cooperatives director, will present the 2023 Market Outlook at 5:15 p.m.

The show closes with a Social at 6:15 p.m., with dinner to follow at 7 p.m. (\$10). Greg Hager, Valley City, ND, musician, will be the entertainment, co-sponsored by the Williams County Farmers Union and National Hard Spring Wheat Show Board.

The MonDak Pulse Day and NDSU Extension-sponsored private pesticide applicator recertification will be held Thursday, Feb. 2 at the same location.



Western Cooperative  
CREDIT UNION

85 YEARS the WESTERN WAY

Contact us for a great  
rate on an ag loan!  
We'll treat you right.

*Join the herd.*

Williston | Dickinson | Hebron | Beach  
Glen Ullin | Ray | Tioga | [wccu.org](http://wccu.org)



701.572.5050 • 4419 W FRONT ST • WILLISTON, ND



**Bobcat®**



**TRUST STARTS WITH A GOOD FOUNDATION**

[GOIRONHIDE.COM](http://GOIRONHIDE.COM)



# Shout To Be Keynote Speaker For 70th Annual Notational Hard Spring Wheat Show, Feb. 1

By Meagan Dotson

Evan Shout will be the keynote speaker at the 70th Annual National Hard Spring Wheat Show to be held at the Grand Williston Hotel & Conference Center, 3601 2nd Ave., Williston, Wednesday, Feb. 1. The show is scheduled from 7 a.m.-8 p.m.

Shout is the president and co-founder of Maverick Ag., a western Canadian firm, which offers risk management insurance strategies and financial consulting. He is also the president, co-founder, and lead coach at Farmer Coach which provides coaching programs and education to producers. Additionally, Shout serves as the Hebert Grain Ventures, chief financial advisor, all of which are under the Hebert Group of Companies.

He will be giving two presentations, the first being "The 6% Rule - How Technology, Humans and Agronomy have changed the 5% rule" at 9:15 a.m.

"The 6% rule presentation is based on entrepreneurship and business management, and shows producers how small management changes can lead to large compounding returns," Shout explained. "We don't need to make large changes to be better at farming. We just need to understand our risks and make small adjustments to navigate the path in a better way."

The second presentation "Bet the Farm - Using Data and Technology to win at Farm Management" is at 1 p.m.

"As farmers we have unlimited data sets from our finances, to equipment data, to land and agronomy data, and lastly to human resource and management data.

The problem is that most producers don't know where to start when it comes to analyzing data and creating usable information. In our farming operation we rely on data and technology to assist us in all of our large or small decisions, and to remove any "gut or emotional" decisions from our business. Calculated risks are always more effective than emotional risks," he stated.

Shout grew up on a small Saskatchewan grain farm, was a primary producer, and worked as a CPA for MNP, an agricultural accounting firm for a decade.

"I started to see that there was a growing "gap" between the top farms and the bottom farms in the industry. Originally the thought was it was based on better land, or more family wealth, or even just the luck of the weather. But throughout my career in both public accounting and as a producer I began to see that the true difference was in management and the mindset of the ownership or leaders' group around the farm. This was intriguing to me as this identified that the gap could be made smaller through education, training, strong advice, and a push towards stronger management in agriculture."

Maverick Ag. was formed in March 2019 by Shout and managing partner of Hebert Grain Ventures, Kristjan Hebert. They realized they needed a more progressive approach to farm management, beyond accounting and financial services.

"We started the business because through much of our professional public speaking and dealing with other progressive farmers, we were getting inundated with questions about the 'who, what, when, why, and how'. Our past experiences allowed us to start answering some of those questions. The business took on a life of its own after that point and has grown to where we are now."

Farmer Coach was later formed by Shout and Hebert who both travel all over the world to speak publicly and professionally about agriculture and business management.

"We came up with the concept (Farmer Coach) so we could help more producers at once rather than having just the individualized consulting services."

Shout, along with Farmer Coach, believe some of the biggest challenges facing farmers today are policy, labor and logistics, and reasons that weather, commodity markets and cost are all manageable risks with insurance tools and government programs.

"The unknown seems to be creating the most volatility in the industry and thus the greatest challenge is the management and leadership of the organizations through these times," he commented. "Our goal is to help the farms identify their downfalls or risks, and then educate and have other farms in the sessions help provide solutions to these problems. Think of it as coaching, educating, and learning from your peers and professionals."

For more information about the Wheat Show, visit [www.ndsu.edu](http://www.ndsu.edu). For more information about Maverick Ag. or Farmer Coach visit [www.maverickag.com](http://www.maverickag.com) and <https://farmercoach.ca>.



Shout presenting statements.  
(Photo submitted)



# Performance • Calving Ease • Good Dispositions



**PIE CAPTAIN 057 #3535781**  
PIE QUARTERBACK 789 x  
9 MILE FRANCHISE 6305



**RED U2 TOWNSHIP 17G #4265551**  
RED MRLA RESOURCE 137E x  
RED U-2 MAMA'S BOY 167X



**DK FREIGHTLINER F325 #3990166**  
WEBR ROLLING DEEP 660 x  
DK PACKER POWER Y224



**FRITZ WARDEN 412F #3979564**  
FRITZ WARDEN 753C x  
UBAR GRAND MONU 6075



**WILLOW TOP PICK 750-1919 #4205558**  
9 MILE FRANCHISE 6305 x  
WILLOW EASTWOOD 1318-1565



**BASIN PAYWEIGHT PLUS 6048 \*18511911**  
BASIN PAYWEIGHT 1682 x  
CONNEALY CONSENSUS 7229

## Red Angus Reference Sires

DK Rifle Advantage G331 – #4168136  
LRL Enterprise G78 – #4133244  
Bieber CL Atomic C218 – #3474996  
DK Atomic H529 – #4318895  
DK Rolling H316 – #4318791  
DK Thunder H602 – #4318831  
VGW Endurance 032 – #4272761  
Red U2Q Escobar 100H – #4576677

## Angus Reference Sires

SAV Resource 1441 – #17016597  
Tehama Tahoe B767 – #17817177  
Janssen Dow Jones 0005 – #19810625

## Top-Coming-To-Town Production Sale Saturday, March 4, 2023

2 p.m. CST • Sitting Bull Auction, Williston, ND

Auctioneer: Amber Haugland – 701-641-8792

Ringmen: Loren Sorenson – 701-641-1140 • Scott Bachmeier – 701-425-6651

Scott Dirk – 605-380-6024 • Will Bollum – 507-244-0833

*Sale  
Offering*

65 Purebred Red Angus Bulls • 3 Purebred Black Angus Bulls  
3 Red/Black Simmental Bulls • 3 Black Red Carrier Bulls  
40 Purebred Open Heifers  
10 Commercial Open Heifers • 10 Commercial Bred Heifers  
Commercial Open & Bred Heifers from Cal Tofte Ranch  
10 Commercial Open Heifers from Kevin Guenther  
50 F1 Hereford/Red Angus Comm. Open Heifers from Arrow P Ranch

**Many Bulls Suitable for Heifers  
Free 600-Mile Bull Delivery**

**DVAuction** Broadcasting  
Real-time Auctions  
Bid Online or In Person • Videos will be available

**DK RED ANGUS**  
Scott & Connie Kueffler, Michala & Kirsti • Bonnie Kueffler  
Box 187 • Grenora, ND 58845 • redangus@nccray.com  
701-694-3620 (h) • 701-641-0519 (c) • dkredangus.net





# International Country Western Singer Greg Hager To Entertain At 2023 National Hard Spring Wheat Show

By Jaymi Mozeak

Wednesday, Feb. 1, after the dinner at 7 p.m. Greg Hager, will be the entertainment at the 70th Annual National Hard Spring Wheat Show to be held at the Grand Williston Hotel and Conference Center, 3601 2nd Ave. W, Williston.

Hager is a North Dakota native born and raised in Valley City, ND, west of Fargo. He was named the 2020 Academy of Western Artists' Artist of the Year for 2020 and the 2019 Pro Cowboy Country Artist Association's Entertainer of the Year. He has recorded nine albums so far and plans to start recording his 10th album later in 2023. Hager performs an average of 140 concerts per year. He did his first recording in 2009 and has been performing full-time ever since. In May 2023 Hager will go on his fourth tour to Japan. According to his website, [www.greghager.com](http://www.greghager.com), Hager regularly sells music in over a dozen countries. In spring 2017, Hager made his first concert tour in Japan, completing 24 concerts. He now makes annual tours in Japan performing only his original country, western, and Gospel songs. Even though Hager's music is heavily influenced by John Denver, Roger Whittaker, Gordon Lightfoot, Paul Overstreet, Clint Black, George Strait, and many others, he only plays original songs, a western style type of country.

In Valley City, Hager grew up in a musical family. Everyone either sang or played instruments. At age seven, Hager started showing interest in playing guitar. He did not get lessons but, instead, watched others play around him. His family always grew wheat but this will be his first time attending the National Hard Spring Wheat Show.

As it will be a small venue, Hager is honored to be joined onstage only by his wife, Andrea, for a few songs. Hager said, "As a road musician I tell stories. I try to captivate the audience and take them along on the ride."



Country Western singer and songwriter, Greg Hager, only performs his original songs. His music sells in several different countries and spring of 2023 he will be going on his fourth performance tour in Japan. (Submitted photo)

## Olson To Present 2023 Market Outlook At The 70th Annual National Hard Spring Wheat Show Feb. 1

By Robyn Heck

The 70th Annual National Hard Spring Wheat Show is scheduled for Feb. 1 at the Grand Williston Hotel, 3601 2nd Ave. W., Williston. The primary objective of the Wheat Show is to provide information and education that will assist producers as they make decisions to maximize profit opportunities, be great stewards of the land, and promote area agriculture.

Frayne Olson, PhD, NDSU Extension agriculture economist/marketing specialist, and Quentin Burdick Center for Cooperatives director, will present the 2023 Market Outlook for commodities at 5:15 p.m.

The farming goal they will be sharing is to leave the dirt, financial statements, and industry, in a better state than the previous

generation. Olson has stated, at the Northern Ag Expo in Fargo, that in the spring of 2022, farmers were concerned about planted acreage as well as yield potential. "The crop turned out to be a lot better than anticipated. When looking at total production numbers, they came in with kind of an average sized crop. The question now is where do we go on the demand side? The 2022 grain markets had many political aspects that were outside of agriculture. Corn and soybeans exports are about 50% of what they were this time in 2022, so that is a concern going forward. We are relying very heavily on the Chinese market, our most dominant buyer, to pull off a lot of the US soybeans. The soybean buying habits right now from China are really kind of a wait and see type of situation."



Frayne Olson, PhD, NDSU Extension agriculture economist/marketing specialist. (Photo submitted)

# 70th National Hard Spring Wheat Show



**Wednesday, February 1 • 8am**  
**Grand Williston Hotel & Conference Center**  
 (3601 2nd Ave W • Williston, ND)  
**Ag Appreciation Breakfast Begins At 7am**  
 (sponsored by American State Bank and Trust)



**KEYNOTE SPEAKER**  
**EVAN SHOUT**  
 6:15pm: Social • 7pm: Meal, \$10

..... **Thank You To All Our Major Sponsors** .....



**TIME TO DEVELOP WEED MGMT PLANS,  
 WE CAN HELP YOU PLAN AHEAD!**

**Grain &  
 Forage Seed  
 Available**

**Nutrien**  
**Ag Solutions™**

**Herbicide &  
 Seed Financing  
 Available!**



*Your agronomist specialist team dedicated to you.*



**Analyze Soil Tests  
 For Fertilizer  
 Recommendations!**



## VanderLinden Will Speak On LoadPass Permit System

By Jaymi Mozeak

Joelle VanderLinden will be one of the many speakers discussing issues affecting the grain industry at the 70th Annual National Hard Spring Wheat Show on Wednesday, Feb. 1. The Wheat Show will be held at the Grand Williston Hotel & Conference Center, 3601 2nd Ave. W., Williston.

VanderLinden will be speaking on the LoadPass Permits System. She is a North Dakota native who grew up in Watford City and attended Bismarck State College where she graduated with an associate in business degree. She is the owner of H & M TeamWorks Consulting Inc. and works for the Western Dakota Energy Association. She has been with them since 2013 and has been a permit operator for two years. According to her profile on [www.ndsu.edu](http://www.ndsu.edu), VanderLinden and her staff conduct the day-to-day operations for the LoadPass Permits System on behalf of WDEA.

The LoadPass Permit System is the WDEA's system for the industry to acquire permits for overweight and oversized vehicles to use on participating county, township and city roads in North Dakota and information on restrictions and notifications on those roads. It makes the usual process for acquiring permits quicker and more uniform. According to Executive Director Geoff Simon, the Western Dakota Energy Association was formed under a joint powers agreement in November 1978 as the North Dakota Association of Oil & Gas Producing Counties. They first started using paper permits in 1984 and the system evolved from there. In 2015, they took their permits online and in 2016, because their membership had grown to include more than just counties and the areas represented included those that just mined coal as well, they changed their name to the Western Dakota Energy Association. In the first part of February 2023, the association is expected to expand to 31 different counties and three cities.

This is VanderLinden's first time speaking at the National Hard Spring Wheat Show. She said, "I'm looking forward to meeting new people and sharing with them about LoadPass." She will be speaking on LoadPass at 8:45 a.m.

To apply for a LoadPass permit, view a list of participating communities, or view any restrictions on the roads within LoadPass participating communities at [www.loadpasspermits.com](http://www.loadpasspermits.com).



**Joelle VanderLinden, one of the many speakers to speak about the issues affecting the grain industry. She will be speaking on the LoadPass Permit System. (Photo by Janell Pederson of Rebel Soul.)**

## Director Of NDAWN Daryl Ritchison Will Speak At 70th Annual National Hard Spring Wheat Show

By Meagan Dotson

Daryl Ritchison, North Dakota Agricultural Weather Network (NDAWN) Director will be speaking at 8:15 a.m., Feb. 1 at the 70th Annual National Hard Spring Wheat Show at the Grand Williston Hotel & Conference Center, 3601 2nd Ave. W. Williston.

NDAWN is a network of 176 weather stations in North Dakota, Montana, and Minnesota with an additional 12 rain gauge only sites.

Ritchison has worked for NDAWN at North Dakota State University for nine years and has served six of them as the director or interim director. Prior to that, Ritchison was a television meteorologist for 25 years.

"I've loved the weather since I was four or five years old," Ritchison remembers. "I'm 60 now, so I've been fascinated by the weather now for 55 years. People ask if I have a hobby and the answer is 'Yes, weather!'. Even during my downtime I'm doing research. I just find it fascinating."

Ritchison grew up in an agricultural community in southern Minnesota where the majority of his friends were farm kids. During the summer, he would be hired to work on their farms.

"I have a lot of respect for agriculture," he stated, as farmers have to work with weather conditions and those conditions play such a vital part in farmers' livelihoods.

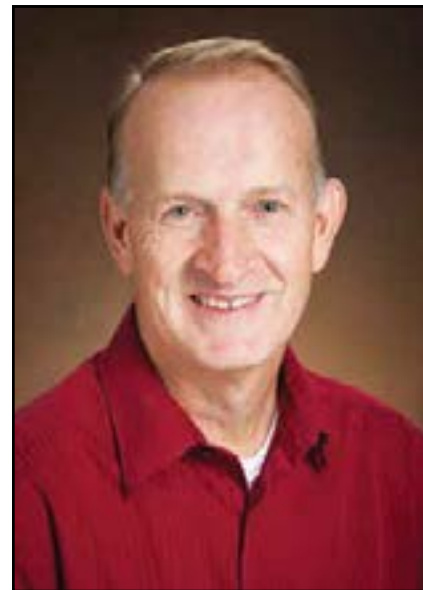
In addition to being trained as a meteorologist, Ritchison has an MBA, so when the chance to work with NDAWN presented itself, it seemed to be a perfect opportunity for him to apply both areas of experience.

"Being able to focus on agricultural weather is perfect. I really have the best job in the world!" he said.

NDAWN's focus is weather/risk management; using the weather information they have, NDAWN can assist farmers in heading off probable disease and insects. For example, some types of weather conditions are ideal for fungus to grow and farmers could use this information to utilize fungicide and get a better yield.

While Ritchison will spend a portion of his presentation discussing how NDAWN can help farmers increase their profits, the majority of the presentation will be the projected forecast for the spring and summer of 2023.

The 70th Annual National Hard Spring Wheat Show is kicking off with an Appreciation Breakfast at 7 a.m. CT, with speakers starting at 8 a.m. Feb. 1 at the Grand Williston Hotel & Conference Center, 3601 2nd Ave. W., Williston. For more information, visit [ndsu.edu](http://ndsu.edu).



**Daryl Ritchison will be presenting the projected forecast for spring and summer of 2023 at the 70th Annual National Hard Spring Wheat Show. (Photo provided by Daryl Ritchison)**



## Attend the 70th Annual National Hard Spring Wheat Show

**ASB&T is Proud to Co-Sponsor the  
Ag Appreciation Breakfast**

**7-8am, Wednesday, February 1st at the  
Grand Williston Hotel & Conference Center**



Aaron Granley



Bob Rude



Jordan Lyons

**Sound advice from a strong lending team. ASB&T  
is ready to help you plan a successful year.**



Banking, the American State Way.

223 Main Williston, ND • 701-774-4110

MEMBER FDIC

[www.asbt.com](http://www.asbt.com)



## SEED, SEED & MORE SEED!

We are ready for all your seed sale  
needs with grass blends including:  
native grass mixes, reclamation  
seed mixes, turf grass mixes &  
cover crop mixes.



**horizonresources**  
*Solutions for your success.*

317 2<sup>nd</sup> St. W. Williston, ND 58801

[www.horizonresources.coop](http://www.horizonresources.coop)

**Williston, ND**

701.572.8354 | 866.572.8354

**Wildrose, ND**

701.539.2272

**Zahl, ND**

701.694.4111

**Culbertson, MT**

406.787.6606

**Fairview, MT**

701.844.5775

**Savage, MT**

406.776.2489

## Commodity Group Updates At Wheat Show

4:15 p.m. Steve Edwardson, Dustin  
Johnsrud, Chad Anderson

### Steven Edwardson

Steven Edwardson has served as Executive Administrator of the North Dakota Barley Council since April 2004. Steve and the North Dakota Barley Council directors work together in developing markets for barley in malting, human food, pet food, and livestock applications. Alliances with U.S. Grains Council, universities, and barley suppliers collectively assist in a balanced market development program. Steve has experience in international trade and has conducted business in Japan, Taiwan, Argentina, Germany, and the United Kingdom. He has implemented educational programs in specialty crop contracting and supply chain management, crop enterprise selection, and market intelligence.

Steve served for 12 years as vice president of research and development for Minn-Dak Growers Ltd., a specialty crop company in Grand Forks, ND. He also served as a Commercial Manager for Kings Inc. (formerly a division of Associated British Foods), and as a farm management specialist for the North Dakota State University Extension Service.

Steve holds Bachelor and Master of Science degrees in agricultural mechanization from the department of agricultural engineering at North Dakota State University. Steve was raised on a small grains farm near Carrington, ND.

### Dustin Johnsrud

Dustin Johnsrud is serving his third four-year term on the North Dakota Wheat Commission, representing wheat growers in the northwest portion of the state. He serves as the commission's representative on the National Pasta Association, and the U.S. Wheat and Barley Scab Initiative. He graduated from Ray High School and attended Williston State College and obtained a Crop and Weed Science degree (minor in Ag Econ) from North Dakota State University. He is also on the Epping City Council, Ray School Board, and has been the NDWC Williams county representative since 2009. Johnsrud and his wife Megan produce durum, winter wheat, spring wheat and canola. The couple have four children.

### Chad Anderson

Chad Anderson is the Executive Director of the North Dakota Crop Improvement & Seed Association (NDCISA). Chad and his staff conduct the day-to-day operations for the organization that actively promotes and markets certified seed through its 330 grower members. As a non-profit organization the NDCISA works closely with a number of genetic providers including NDSU, SeCan, Anheuser Busch, FP Genetics, and others to bring growers in the region the best seed varieties available for their farm. Chad has been involved in the agricultural industry for nearly 26 years. He is a native of Williston ND, and after high school he completed a bachelors and master's degrees from North Dakota State University. He began his career with NDSU working in Agricultural Research and later Foundation seed production for 21 years prior to working with NDCISA. Chad, his wife Ninette, and their two children reside in Minot ND.



Steven Edwardson



Dustin Johnsrud



Chad Anderson

# Soil Fertility Panel To Be Held During Hard Spring Wheat Show, Feb. 1

By Robyn Heck

The 70th Annual National Hard Spring Wheat Show is scheduled for Feb. 1, at the Grand Williston Hotel, 3606 2nd Ave. W., Williston. The Wheat Show Board of Directors and their committee members have finalized the educational program which addresses important issues of our food producers. The primary objective of the Wheat Show is to provide information and education that will assist producers as they make decisions to maximize profit opportunities, be great stewards of the land, and promote area agriculture.

One of the keynote speaking events will be a Soil Fertility Panel starting at 3:15 p.m.

The panel consists of Matthew Keller, Farmers Edge. Farmers Edge disruptive technologies accelerate digital transformation on the farm and beyond, protecting its global resources and ensuring sustainable food production for a rapidly growing population. Jeannie Rude will represent PRO Co-op. Since 1928, PRO Co-op has been committed to serving rural communities across the northeast corner of Big Sky Country. Today, the organization remains steadfast in this commitment through strategic investment in assets to support local farms and ranches. Sara Erickson, Horizon Resources sales agronomist, has experience in testing soil samples for salt, pH, nitrate and sulfur levels. Jack Pieper, Vision Research Park, has worked closely with contract research division where he cultivated a passion for assisting area growers in reaching their productivity goals through precision ag practices.



Jeannie Rude,  
PRO Co-op



Jack Pieper,  
Vision Research  
Park



Sara Erickson,  
Horizon Resources



Matthew Keller,  
Farmers Edge



# Snowpack Conditions Ideal After Two Months Of Consistent Precipitation

**Submitted by Tasha Gibby, State Public Affairs Specialist**

Bozeman, MT - A late October winter storm brought widespread precipitation to many SNOTEL stations in Montana. That snow was within one to two weeks of the typical snowpack onset and earlier than the fall of 2021, which was nearly a month late in some locations due to an unseasonably warm and dry fall.

"Other good news is that November and December brought cool and wet weather, above normal precipitation, and snowfall across most of Montana. The result was a good start to the snowpack accumulation season and currently all major rivers basins have an above normal snowpack," said Eric Larson, USDA Natural Resources Conservation Service (NRCS) Water Supply Specialist. The Upper Clark Fork and Bitterroot River basins have the lowest snowpack percentage at about 100% of normal, while the snowpack in the Milk River basin is the highest at 159% of normal.

While the snowpack is currently at or above normal, it is still early in the winter and a lot can change. On January 1 the snowpack is typically only about 35%-40% accumulated for the season. "In a perfect world, the snowpack reach-

es normal peak snow water equivalent levels in April or early May," said Larson. Peaking early generally results in less late-summer water supply, while peaking late can potentially result in flooding. Water supply specialists generally have a better idea of the spring and summer water supply outlook closer to April. "While the snowpack conditions are currently above normal, several weeks without snow could leave us with a similar snowpack to last year in many basins. On Feb. 1, 2022, snowpack was slightly below normal, except in northwest Montana where it was above normal," said Larson. If snowfall continues at a similar rate to the last couple months, Montana snowpack could accumulate a buffer in the event of a pause in active weather later this winter.

A full report of conditions on January 1 can be found in the monthly Water Supply Outlook Report available on the Montana Snow Survey website. In addition, real-time snow survey data can be found at [nrcs.usda.gov/montana](http://nrcs.usda.gov/montana) under Snow Survey.

## Foreign Persons Must Report U.S. Agricultural Land Holdings

**Submitted by Tammy Lyseng, County Executive Director, USDA, Richland County, Farm Service Agency, Montana**

(Sidney, MT) - Jan. 12 - U.S. Department of Agriculture (USDA) Farm Service Agency (FSA) Executive Director Tammy Lyseng in Richland County reminds foreign persons with an interest in agricultural lands in the United States that they are required to report their holdings and any transactions to the U.S. Secretary of Agriculture.

"Any foreign person who acquires, transfers or holds any interest, other than a security interest, including leaseholds of 10 years or more, in agricultural land in the United States is required by law to report the transaction no later than 90 days after the date of the transaction," said Lyseng.

Foreign investors must file Agricultural Foreign Investment Disclosure Act (AFIDA) reports with the FSA county office that maintains reports for the county where the land is located.

"Failure to file a report, filing a late report or filing an inaccurate report can result in a penalty with fines up to 25% of the fair market value of the agricultural land," said Lyseng.

For AFIDA purposes, agricultural land is defined as any land used for farming, ranching or timber production, if the tracts total 10 acres or more.

Disclosure reports are also required when there are changes in land use. For example, reports are required when land use changes from nonagricultural to agricultural or from agricultural to nonagricultural. Foreign investors must also file a report when there is a change in the status of ownership such as the owner changes from foreign to non-foreign, from non-foreign to foreign or from foreign to foreign.

Data gained from these disclosures is used to prepare an annual report to the President and Congress concerning the effect of such holdings upon family farms and rural communities in the United States.

For more information regarding AFIDA and FSA programs, contact the Richland County FSA office at 406-433-2103 or visit the USDA website at <http://www.usda.gov>.



**Reinke + cropx**

# RULE THE RAIN

Put the world's finest irrigation scheduling to work for you.

**FOR MORE DETAILS, CONTACT US OR VISIT [HOWIRAIN.COM](http://HOWIRAIN.COM).**

**Mon-Kota Inc.**  
Fertilizer & Irrigation  
Sales & Service  
Fairview, MT • 701-844-5300

**Reinke**  
MORE RIGHT THAN RAIN  
[www.reinke.com](http://www.reinke.com)

Give us a call and we will send one of our highly qualified technicians to your field for exceptional service!

**Reinke plus program**  
Platinum Plus Certified

# annual Bull Sale

## FEBRUARY 13, 2023

1:00 PM (MT) AT THE RANCH NEAR WIBAUX, MONTANA

When you buy bulls from Nelson Livestock Co., you expect maintenance free genetics. Our rugged, forage based operation is designed to be as close to the conditions of our primary customers' as we can make them. Environmentally tested black and red SimAngus™ and Simmental genetics for no-miss crossbreeding solutions. Selected for generations to thrive without extra inputs, and then produce high value feeder cattle that generate efficiency, beef value and profits all down the beef chain.



SIMMENTAL • SIMANGUS™ • ANGUS

5831 Hwy 7, Wibaux, Montana 59353

Tom & Renee Nelson 406-588-3371, SUPERIOR REP

Brent Nelson 406-978-2697

Taylen Nelson 406-853-3620

Gavin Nelson 701-218-0482

[www.nelsonlivestockco.com](http://www.nelsonlivestockco.com)

### Bulls for the Big Country.

Pictures and data on sale bulls available on our website. Contact us or visit our website to be added to the mailing list.



Marty Ropp 406-581-7835  
Corey Wilkins 256-590-2487  
Jared Murnin 406-321-1542  
[www.alliedgeneticresources.com](http://www.alliedgeneticresources.com)

*Range raised  
Simmentals for  
over 50 years*

**WHERE  
PERFORMANCE  
IS BRED ON.  
NOT FED ON.**



20K ASA 4080961 SimAngus™  
JC Mr Talon son



73K ASA 4081013 SimAngus™  
TJ Stability son



41K ASA 4080983 PB SM  
Bridle Bit GPS son



44K ASA 4080986 PB SM  
LRS Falcon son



60K ASA 4104930 PB AN  
M52-2022 Angus 938-7649 son



95K ASA 4081034 SimAngus™  
Open 8 Payweight son

Success tomorrow takes planning today. Agri Industries is your local irrigation expert, equipped to help you produce greater yields with less water and energy for a greater return on your investment.

#### We offer:

- Valley pivot sales and installation services
- Floating irrigation pump installation and repair
- Valley Genuine Parts
- Pipeline installation



**Contact us about your  
spring irrigation plans.**



PERFORMANCE  
PLUS DEALER



**"We Can Do It All!  
No Subs Needed."**

Licensed in MT, ND, WY

**Sidney, MT** • 1775 S Central Ave • 406-488-8066  
**Billings, MT** • 2639 Belknap Ave • 406-248-4418  
**Miles City, MT** • 2106 S Haynes Ave • 406-234-2309  
**Williston, ND** • 3105 2nd St. W • 701-572-0767  
**Powell, WY** • 863 Road 8 • 307-754-7204

[valleyirrigation.com](http://valleyirrigation.com) | [agriindustries.com](http://agriindustries.com)



[www.agriindustries.com](http://www.agriindustries.com)  
Licensed in MT, ND & WY

**"We Can Do It All!  
No Subs Needed."  
Agri Industries Offers  
These Services:**

- Valley® Pivot Sales • Installation Services & Parts
- Floating Irrigation Pumps • Installation & Repair
- Electrical • Pipelines • Heating & Cooling
- Water Well Drilling & Well Maintenance • Full Parts Counter
- Plumbing • Trenching • Boring • Directional Drilling

**Sidney, MT** ..... 1775 S Central Ave ... 406-488-8066  
**Billings, MT** ..... 2639 Belknap Ave ... 406-248-4418  
**Miles City, MT** ..... 2106 S Haynes Ave ... 406-234-2309  
**Williston, ND** ..... 3105 2nd St W ... 701-572-0767  
**Powell, WY** ..... 863 Road 8 ... 307-754-7204



# Handling Hydraulic Hoses Requires Extra Caution In Winter

**The hydraulic hoses on tractors and implements must be in prime condition to withstand the extreme temperature changes of the winter months.**

## **By NDSU Agriculture Communication**

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° F to 200° F 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.

(Continued on page 20)



## WHEN A HOSE FAILS, SO DOES YOUR PRODUCTIVITY.

We know your equipment. That's why we stock a full range of competitively priced genuine hose assemblies and bulk components to get your machine up and running in no time. We use high-quality, name-brand replacement hose assembly components that provide performance, safety and durability. Every replacement hose assembly offers four times the value of the hose's working-pressure-to-burst-pressure ratio.

Untimely hydraulic hose failures can cost you in labor, materials and productivity. Minimize disruption to your operations and avoid possible collateral damage. We have bulk hoses and fittings for a broad range of applications, from low- and high-pressure fluid systems to air-conditioning systems. Stop by to let us inspect and replace distressed hose assemblies before they fail.



**TRUST US FOR PREVENTATIVE HYDRAULIC HOSE MAINTENANCE. SEE US TODAY!**



©2018 CNH Industrial America LLC. All rights reserved. Case IH is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. CNH Industrial Genuine Parts is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. [www.caseih.com](http://www.caseih.com) MRC



**TRI-COUNTY IMPLEMENT, INC.**

2429 W HOLLY STREET  
SIDNEY, MT 59270  
406-488-4400  
[www.tri-cnty.com](http://www.tri-cnty.com)



Thiessen's

# REGENCY ACRES

Select your bulls from a reliable program backed by 66 years of unswerving selection for economic and labor-saving traits that include udder soundness, structural soundness, calving ease, vigor at birth, pasture and feedlot performance and disposition.



CED	BW	WW	YW	M	MARB	REA	\$B
+9	+0.2	+78	+139	+22	+0.93	+0.74	+153



CED	BW	WW	YW	M	MARB	REA	\$B
+9	+0.8	+57	+112	+27	+0.39	+0.52	+139



CED	BW	WW	YW	M	MARB	REA	\$B
+8	-0.4	+75	+130	+27	+0.75	+0.55	+144



CED	BW	WW	YW	M	MARB	REA	\$B
+12	-2.1	+64	+132	+33	+0.91	+0.40	+173



*Herd tested  
BVD & John's Free*

38th Annual Production Sale

**FRIDAY, APRIL 14, 2023**

Sidney Livestock Market Center • Sidney, MT • 1 p.m. MDT

*Selling* **85 Yearling Angus Bulls**  
**25 Purebred Replacement Heifers**

Russ & Jill Thiessen  
(406) 774-3702 • (406) 480-5988 cell

Tyler Thiessen • (406) 480-1284

raa@midrivers.com • www.regencyacres.com

P.O. Box 272 • Lambert, MT 59243



Live Auction on:

**CATTLE USA**.com

*Our Mission:*

To propagate genetics that will return the most dollars per acre for our customers.

*Focused on the future ... backed by 66 years of dedication.*



# Serving Farm & Ranch Tire Needs For Over 60 Years!



**Firestone**

**TOYO TIRES**  
DRIVEN TO PERFORM

**Hankook**  
driving emotion

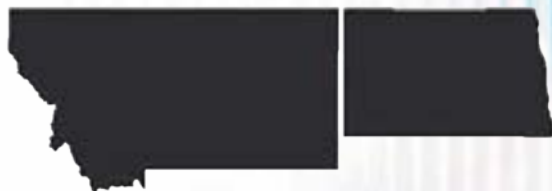
- **On-The-Farm & In-The-Field Tire Service**
- **Quality Firestone Tractor & Implement Tires**

- \* Straight Talk
- \* Honest Service
- \* Fair Prices

**WESTERN TIRE**

1601 S. Central • Sidney, MT | 433-3858 (After-Hours Call Forwarding To Service Rep) | Mon-Fri: 7am - 5:30pm • Sat: 7am - 12pm

# MONDAK



## AG DAYS & TRADE SHOW

A Sidney Area Chamber of Commerce and Agriculture Event

**Thurs & Fri, March 2nd & 3rd**

**Richland County Event Center**

**Trade Show (Free to the Public):**

**March 2nd: 8am – 5pm**

**March 3rd: 7am – 2pm**

**Lunch Available Both Days Courtesy of FFA  
(Sidney, Fairview and Alumni)**

**Banquet: 6pm (Social 5pm) March 2nd at  
the Sidney Elks Lodge**



**\$45 Banquet Tickets Available Online**  
**or at the Sidney Area Chamber of Commerce**  
**(909 S. Central Ave. Sidney, MT)**

*Businesses can request to be invoiced for banquet tickets as well*



**Thank You To All Our Sponsors:**

**Stockman Bank**



**EGT**



# SERVICE

**THAT KEEPS YOU  
IN THE FIELD**



**Full Service Fuel &  
Propane Delivery,  
Full Hardware Store  
& Cenex Brand  
Lubricants**



**501 6th Ave SE • Watford City, ND  
5am • 10pm Daily • 701-444-3639**

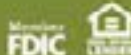


*Providing accessible banking  
expertise for generations.*



**CORNERSTONE BANK**

106 8th Ave SE, Watford City | 701-444-6411  
[www.cornerstonebanks.net](http://www.cornerstonebanks.net)







Pete & Vawnita Best  
Watford City ND  
701-570-6959  
bestangus@yahoo.com

# BEST Angus BULL SALE

Profitable *by* DESIGN ~ Efficient *by* NATURE



*Annual Bull Sale*

## March 6, 2023

At the Ranch • Watford City, ND

85 ANGUS BULLS • 30 FANCY COMMERCIAL HEIFERS  
20 ELITE REGISTERED HEIFERS • RANCH-BROKE HORSES

[www.BestAngusAndQuarterHorses.com](http://www.BestAngusAndQuarterHorses.com)



# Montana State Researchers, Collaborators Launch Projects To Help Combat Stress For Farmers & Ranchers

By Anne Cantrell, MSU News Service

Bozeman - Survey results have shown Montana State University researchers that farmers and ranchers throughout Montana and the West experience, on average, a medium level of stress, which could impact their sleep, physical health, mental health and/or relationships, according to Michelle Grocke, MSU Extension health and wellness specialist and, MSU Department of Health and Human Development assistant professor.

Agricultural stress can be caused by a range of issues, she said, including commodity prices, weather, crop yield, debt, passing a farm or ranch to the next generation, family issues, injuries and illness. She added that it can lead to mental illness, increased risk of suicide and other health issues.

Grocke and her collaborators have launched several projects to help combat this stress. These efforts include a website that provides resources, a program that provides mini-grants for people across the Western U.S. who want to improve the mental wellness of those in their agricultural communities and a project that provides free telehealth counseling services to any Montanan working in agriculture.

"MSU Extension is trying to reach people where they're at and make information accessible to them," Grocke said. "If we want to help Montanans – especially if they're not going to be the ones knocking on our door asking (for help) – it seems like a really good place to focus our energy and time."

In 2019, a group of individuals and organizations from across Montana, led by MSU Extension and first funded by the Montana Healthcare Foundation, collaborated to provide resources and solutions for farmers and ranchers under stress. The team, known as the Montana Farm/Ranch Stress Prevention Advisory Council, created a website that hosts resources for farmers, ranchers and community members to better understand the causes of stress and how to manage it. The website is called the Montana Farm and Ranch Stress Resource Clearinghouse, and it includes stress management information and links to telehealth counseling services across Montana. Since its launch in the summer of 2020, more than 14,000 people have visited it, Grocke said. The website can be found at [montana.edu/extension/wellness/stress-management/mt\\_farm\\_stress\\_clearing\\_house/](https://montana.edu/extension/wellness/stress-management/mt_farm_stress_clearing_house/).

"We're trying to add a lot of videos and podcasts and be more creative in how we're getting content out to Montanans," Grocke said.

In addition, a USDA-backed Western Regional Agricultural Stress Assistance Project, or WRASAP, has funded research and provided mini-grants for people across the West who want to improve mental wellness in agricultural communities.

The \$7.1 million WRASAP grant, of which Grocke is one of the leaders, is a collaboration among individuals and organizations from 13 Western states and



**A Montana State University agriculture student moves cattle at MSU's Red Bluff Research Ranch in March 2022. (MSU photo by Adrian Sanchez-Gonzalez)**

four territories. The goals of the grant include conducting research to learn more about causes of stress and desired assistance, creating and providing stress management outreach and education to farmers and ranchers based on those research findings, creating a collaborative network of individuals working toward a shared goal, and providing direct services to farmers and ranchers, including a hotline where individuals can call and talk about their issues and get connected to counseling as appropriate.

A portion of the grant funded research reports on each state and territory, as well as one region-wide written report, Grocke noted. Those reports can be found at [farmstress.us/wrasap-baseline-data-collection/](https://farmstress.us/wrasap-baseline-data-collection/).

"There is still a lot of work to be done, but this work is helping highlight the issue of stress," Grocke said.

Now, the WRASAP group is using the research to create outreach and educational programs, including online, self-paced classes, webinars and podcasts, as well as opportunities for training, mental health first aid and suicide prevention training known as QPR.

"There are also hundreds of thousands of dollars available in mini-grants for individuals wanting to improve the mental wellness of their community, either through professional development for themselves or if they would like to start their

**(Continued on page 24)**



For over *four* decades, our *family* has *focused*  
on building a *foundation* with a *functional* cowherd.

Add *efficient*  
*functionality*  
to your herd!



**SITZ RESILIENT 10208** \*19057457  
CED BW WW YW SC M MARB REA \$B  
+9 +0.2 +78 +139 +0.91 +22 +0.93 +0.74 +153



**COOK BOMBER 926G** \*19549744  
CED BW WW YW SC M MARB REA \$B  
+16 -1.6 +62 +111 +0.49 +34 +0.74 +0.60 +152



**MUSGRAVE CRACKERJACK** \*19202253  
CED BW WW YW SC M MARB REA \$B  
+11 -0.9 +64 +116 +1.81 +31 +0.68 +0.80 +157



**BASIN RAINMAKER 4404** \*17913751  
CED BW WW YW SC M MARB REA \$B  
+6 +1.2 +60 +108 +0.69 +37 +0.50 +0.56 +151

*Sires:*

Sitz Resilient 10208  
Musgrave Crackerjack  
Basin Rainmaker 4404  
Cook Bomber 926G  
KG Logic 9663  
Deep Creek Cohort 028

Annual Production Sale

*Tuesday, March 28, 2023*

1 p.m. MDT :: Bar JV Sale Barn :: North of Sidney, MT

*Selling:* 100 :: Angus Bulls  
45 :: Purebred Heifers (papers available)  
40 :: Commercial Angus Heifers  
20 :: F1 Baldy Heifers



Contact us for a  
sale book  
or to view the bulls.



BAR JV ANGUS

Dale & Jill Vitt :: (406) 798-3398 :: (406) 480-5676 cell  
Jim & Loretta Vitt :: (406) 798-3653 :: (406) 630-2959 cell  
www.barjvangus.com :: 14013 Cty Rd 340 :: Fairview, MT 59221



# Handling Hydraulic Hoses...

(Continued from page 13)

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 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 skin.
- 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 it.

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 hydraulic system may still be 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 fittings, it needs to be replaced.
  - 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 should be changed.
  - 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 equipment to the tractor 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."



**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. (NDSU photo)**



# GDAR

## LEAVE A LASTING LEGACY

We want to help you build a better cowherd.  
An efficient, profitable cowherd that positively  
impacts your operation and your legacy.

*Featuring sons by*  
Justified      All Pro  
Load Up      Rainmaker  
Coalition      Capitalist  
Rangeland      Capstone  
All Star      Recap

*Gartner ~ Denowh*

**ANGUS RANCH**

Mick Denowh  
406-798-3355

Paul Denowh  
406-798-3375

Chad Denowh  
406-489-1762



**250 Yearling Bulls  
250 Commercial Heifers**

**March 23, 2023**

1:00 MDT at the ranch • Sidney, MT

**[www.gdar-angus.com](http://www.gdar-angus.com)**

**Stop by to see the bulls. Visitors always welcome!**

# 70th National Hard Spring Wheat Show



**Join Us At The Grand Williston Hotel & Conference Center On February 1st  
(3601 2nd Ave W • Williston, ND)**

**7 am.....Ag Appreciation Breakfast**  
Sponsored by American State Bank & Trust

**8 am.....Welcome**  
Beau Anderson, Williams County Commissioner and Dusty Berwick, Pres.  
Williams County Commodity Elections - Kelly Leo, Ag & Natural Resources Agent

**8:15 am.....Weather Outlook**  
**Update on NDAWN and the 2023 Projected Weather Patterns for the Northern Plains**  
Daryl Ritchison, NDAWN

**8:45 am.....Load Pass Permits System, Western Dakota Energy Association**

Joelle Vanderlinden, H&M TeamsWorks Consulting, Inc.

**9:15 am.....The 6% Rule - How Technology, Humans and Agronomy have changed the 5% rule**  
Evan Shout Maverick Ag Ltd.

**10:15 am.....Break/Commodity Elections**  
Dry Pea and Lentil Council, Sponsored by Thrivent Financial

**10:45 am.....Herbicide Resistance and Palmer Amaranth**  
Charlemagne Lim, NDSU Extension Weed Specialist, Williston Research Extension Center

**11:15 am.....2023 Weed Control Update**  
Dr. Brian Jenks, NDSU Weed Scientist, North Central Research Extension Center

**12 pm.....\$10 Awards Lunch**  
Sponsors Recognized

**1 pm.....Bet the Farm - Using Data and Technology to Win at Farm Management**  
Evan Shout, Maverick Ag Ltd.

**2 pm.....Head Scab of Small Grains - Management Update**  
Audrey Kalil PhD, NDSU Plant Pathologist Williston Research Extension Center

**2:30 pm.....Variety Updates**  
Ben Larson, Birdsall Grain and Seed; Charlie Cahill, Cahill Seeds

**2:45 pm.....Break**  
Sponsored by Kalil Law Firm

**3:15 pm.....Soil Fertility Panel**  
Matthew Keller, Farmers Edge; Jeannie Rude, ProCoop; Sara Erickson, Horizon Resources; Jack Pieper, Vision Research Park

**4:15 pm.....Commodity Group Updates**  
Steve Edwardson, ND Barley Growers; Dustin Johnsrud, ND Wheat Commission; Chad Anderson, NDCISA

**5:15 pm.....2023 Market Outlook**  
Frayne Olson, PhD, NDSU Crop Economist/Marketing Specialist and Director of the Quentin Burdick Center for Cooperatives

**6:15 pm.....Social**  
**7 pm.....\$10 Dinner - Greg Hager-Musician - Valley City ND**  
Co-sponsored by Williams County Farmers Union and National Hard Spring Wheat Show Board

*Customer Service is Our #1 Priority*

**Border**  
STEEL & RECYCLING, INC.

Farm & Ranch, Oil Field & Construction  
Materials, Fencing Supplies, New  
Steel, Pipe, Aluminum & Stainless

**Buying all ferrous & non-ferrous metal**

Sidney: 35002 CR 123 • 406-433-7737

Glendive: 2703 W. Towne St. • 406-377-4398

Plentywood: Hwy 16 East • 406-765-2624

Williston: 13896 W. Front St. • 701-572-5493

Miles City: 12 Peggy Lane • 406-874-7428

**MAGRUM**  
*Motors*

Windshields • Used Vehicles  
New & Used Tires • Financing Available

[www.magrummotors.com](http://www.magrummotors.com)

1820 2nd St. W. • Williston, ND | 701-572-0114

**Mon-Kota, Inc.**

**Fertilizer & Irrigation  
Sales & Service**

Fairview, MT • 701-844-5300



**Reinke plus**  
program  
MORE RIGHT THAN RAIN

**Reinke plus**  
program  
Platinum Plus Certified



**AgCountry**  
Farm Credit Services

1802 13th Ave W • Williston, ND

701-774-0055 or 1-800-264-1095

[www.agcountry.com](http://www.agcountry.com)

**Coca-Cola**  
**of Williston**

Your Locally Owned & Operated Beverage Specialist | 701-572-6746



**Builders  
FirstSource**

ProBuild, LLC

100 14th Street SE • Sidney, MT  
406-433-2012 • [www.bldr.com](http://www.bldr.com)

Monday - Friday: 7am - 5pm

**FORD TOUGH...FOR YOUR FARM OR RANCH**

215 E. Main  
Sidney, MT  
Call Peggy or Michelle  
at: 406-433-1810

**Eagle Country**  
**Ford**

Hours:  
Mon-Fri:  
8am - 5pm  
Sat: 9am - Noon







New name.  
Same commitment  
to your success.

Northwest Farm Credit Services is now  
AgWest Farm Credit.

Providing agricultural financial services, backed by a century of  
experience—to help you grow your legacy.

Contact your local branch or visit  
AgWestFC.com to learn more.

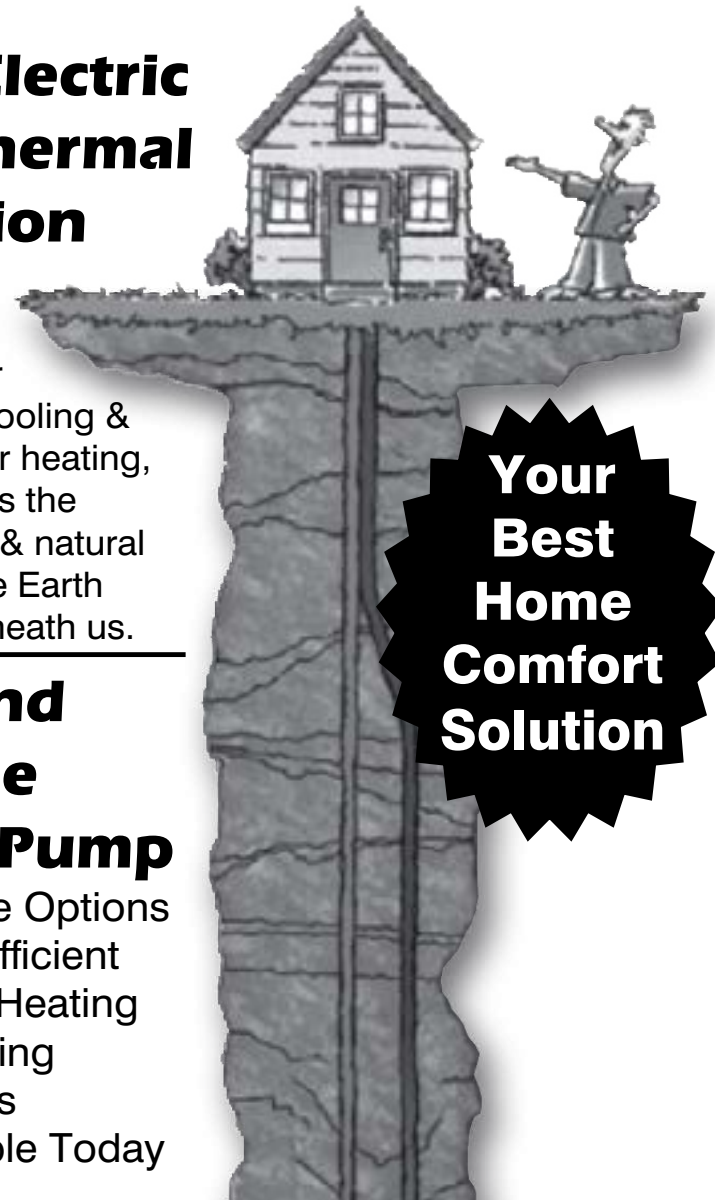


This institution is an equal  
opportunity provider and employer.

# IF YOU'RE LOOKING FOR FREE ENERGY... ...YOU'RE GETTING WARMER!

## The Electric Geothermal Solution

A single,  
simple  
system for  
heating, cooling &  
even water heating,  
which uses the  
abundant & natural  
energy the Earth  
stores beneath us.



**Your  
Best  
Home  
Comfort  
Solution**

## Ground Source Heat Pump

- Flexible Options
- Most Efficient
- Home Heating  
& Cooling  
Options  
Available Today

# LYREC

**LOWER YELLOWSTONE  
RURAL ELECTRIC COOPERATIVE**

Your Touchstone Energy® Cooperative



3200 W. Holly • Sidney, MT | 406-488-1602 • [www.lyrec.coop](http://www.lyrec.coop)

## Get Your Radios Ready For Harvest Time!

### Handhelds

*NX1200*

Handheld 5 watts w/scan



### Mobile Radios

- 50 to 110 watts • 16 to 127 channels
- small & easy  
to use



Unication  
AUTHORIZED DEALER

Call Justin Today At...

**ADVANCED  
COMMUNICATIONS**



**"Your communication headquarters"**

**Mobile & Hand-Held Radios**

Just North of McDonald's • Sidney, MT | 406-433-1659 • Toll Free: 1-866-433-1659

# 2023 Field-To-Fork Weekly Webinars Scheduled To Begin Feb. 15

## By NDSU Agriculture Communication

North Dakota State University Extension again will host the Field to Fork Wednesday Weekly Webinar series starting in February.

Experts from across the region will provide information about growing, preserving and preparing specialty-crop fruits and vegetables safely in this eighth annual webinar series, which has reached thousands of people.

The Field to Fork Wednesday Weekly Webinars will begin Feb. 15. The webinars will be held online from 2-3 p.m. Central time Wednesdays through April 26. They also will be archived for later viewing; however, participating in the live webinar allows participants to interact with the presenter.

The webinars are free of charge but preregistration is required. The webinars

## Projects To Help Combat Stress...

(Continued from page 18)

own outreach project," Grocke said. For more information on how to apply, visit [farmstress.us](http://farmstress.us).

Finally, a new program is providing free telehealth counseling services to any Montanan working in agriculture. The program is part of a collaboration between the Montana State Department of Agriculture, MSU Extension and Northern Ag Broadcasting, along with Frontier Psychiatry. The program is called Beyond the Weather, and it is funded by a portion of a roughly \$500,000 grant from the USDA's Farm Stress Assistance Network that was awarded to the State Department of Agriculture. The grant provides six sessions of free counseling to each person.

Grocke said the program received about 200 calls in its first three months, and she noted that the counselors providing the telehealth counseling services are well-versed in what it's like to work in agriculture.

"The nice thing is that they're tailoring the therapy," Grocke said. "They wouldn't suggest things like people taking a vacation during calving season. They're not talking about work-life balance. That's why a lot of folks who work in agriculture are reluctant to go to counseling – the counselor needs to have that sort of innate understanding."

Montanans who are working in agriculture who would like to participate in telehealth counseling may call 406-200-8471, extension 7, Grocke said. More information is available at [frontier.care/beyondtheweather.html](http://frontier.care/beyondtheweather.html).

Grocke said that regardless of where a person lives in Montana, agriculture is the state's backbone.

"It's part of our economy, livelihood, families and culture," she said. "And it can be really stressful; There are so many stressors beyond people's control."

Tricia Seifert, College of Education, Health and Human Development dean, praised Grocke's approach to the work.

"Dr. Grocke and the team approach this work in the collaborative spirit that is what maintains community across rural Montana," Seifert said. "It is neighbor helping neighbor."

Cody Stone, MSU Extension executive director said MSU Extension aims to improve lives and communities across Montana by focusing on locally identified, statewide needs, and farmers' and ranchers' mental health is an important area of this focus.

"Dr. Grocke's programs and scholarship are exceptional and critically important to MSU Extension's efforts to address this issue," Stone said.

will be held on Zoom. The Field to Fork website ([www.ndsu.edu/agriculture/extension/field-fork](http://www.ndsu.edu/agriculture/extension/field-fork)) has a link to register for the webinars. Participants will be sent sign-in reminders with the link for viewing if they are unable to attend.

"We are pleased to see the growth in popularity of these online educational sessions," says Julie Garden-Robinson, NDSU Extension food and nutrition specialist. "We have a variety of topics delivered by experts throughout our region. The webinars will provide our participants with research-based information all the way from garden or field to the table."

Topics that will be covered are:

- 15: Well-Designed Flowerbeds Can Increase Vegetable and Fruit Yields: Don Kinzler, Extension agent, horticulture, NDSU Extension, Cass County.
- 22: New and Promising Vegetable Varieties: Tom Kalb, Extension horticulturist, NDSU.
- March 1: Keep Your Produce Safe From Home to Market: Shannon Coleman, associate professor and Extension food safety specialist, Iowa State University.
- March 8: What Gardeners Should Know About Pesticides: Andrew Thosten, Extension pesticide safety specialist, NDSU.
- March 15: Safely Using a Steam Canner to Preserve the Bounty of the Harvest: Barbara Ingham, professor and Extension food safety specialist, University of Wisconsin, Madison.
- March 22: On the Pulse of Healthful Eating: From Vegetables to Dry Beans: Julie Garden-Robinson, professor and Extension food and nutrition specialist, NDSU.
- March 29: Food Safety Considerations in Organic Produce: Londa Nwadike, associate professor, Kansas State University and University, Missouri.
- April 5: Recognizing Common Tomato Problems and Emerging Diseases in Outdoor and Protected Environments: Esther McGinnis, associate professor and horticulture specialist, NDSU.
- April 12: From Freezing to Canning: The Role of Temperature in Preserving Food: Karen Blakeslee, Extension associate, Kansas State University.
- April 19: Common Insect Pests of Vegetable Gardens: Janet Knodel, professor and Extension entomologist, NDSU.
- April 26: What Does Time Temperature Control Mean for Food Processors/Entrepreneurs?: Byron Chaves-Elizondo, assistant professor and Extension food safety specialist, University of Nebraska, Lincoln.

This project is made possible with funding from the U.S. Department of Agriculture's Agricultural Marketing Service.

To register, visit NDSU Extension's website at [www.ndsu.edu/agriculture/extension/field-fork](http://www.ndsu.edu/agriculture/extension/field-fork) or contact Garden-Robinson at 701-231-7187 or [julie.garden-robinson@ndsu.edu](mailto:julie.garden-robinson@ndsu.edu).





# USDA Reminds Producers Of Continuous Certification Option For Perennial Forage

Washington – The U.S. Department of Agriculture (USDA) reminds agricultural producers with perennial forage crops of an option to report their acreage once, without having to report that acreage in subsequent years, as long as there are no applicable changes on the farm. Interested producers can select the continuous certification option after USDA's Farm Service Agency (FSA) certifies their acreage report.

"FSA's continuous certification option simplifies future acreage reporting of perennial crops, and it can also help streamline the application process for many of our farm programs, including disaster assistance programs," said FSA Administrator Zach Ducheneaux. "For example, when persistent drought conditions over the past year affected livestock producers in the West and Great Plains, producers who had previously filed a continuous acreage report were able to benefit from a streamlined application process for the Livestock Forage Disaster Program."

An acreage report documents a crop grown on a farm or ranch and its intended uses, including perennial crops like mixed forage, birdsfoot trefoil, chicory/radicchio, kochia (prostrata), lespedeza, perennial peanuts and perennial grass varieties. To access many USDA programs, producers must file an accurate and timely acreage report for all crops and land uses, including failed acreage and prevented planting acreage.

The perennial crop continuous certification process requires a producer to initially complete an acreage report certifying the perennial crop acreage. The producer may select the continuous certification option any time after the crop is certified. Once the continuous certification option is selected, the certified acreage will roll forward annually and does not require additional action on the producer's part in subsequent years unless the acreage report changes.

Once a producer selects continuous certification, then continuous certification is applicable to all fields on the farm for the specific crop, crop type and intended use. If continuous certification is selected by any producers sharing in the crop, then the continuous certification is applicable to fields in which the producer has a share for the specific crop, crop type and intended use.

"Currently less than half of the 336.5 million acres of perennial forage is being reported using the continuous certification process," Ducheneaux said. "Producers can help streamline the reporting process by selecting continuous certification after filing their crop acreage report."

Producers can opt out of continuous certification at any time. The continuous certification will terminate automatically if a change in the farming operation occurs.

## How to File a Report

To file a crop acreage report, producers need to provide:

- Crop and crop type or variety.
- Intended use of the crop.
- Number of acres of the crop.
- Map with approximate boundaries for the crop.
- Planting date(s).
- Planting pattern, when applicable.
- Producer shares.
- Irrigation practice(s).
- Acreage prevented from planting, when applicable.
- Other information as required.

## More Information

Producers can contact their local FSA office to see if their crops are eligible

for continuous certification or to make an appointment. Producers can make an appointment to report acres by contacting their local USDA Service Center.

USDA touches the lives of all Americans each day in so many positive ways. In the Biden-Harris administration, USDA is transforming America's food system with a greater focus on more resilient local and regional food production, fairer markets for all producers, ensuring access to safe, healthy and nutritious food in all communities, building new markets and streams of income for farmers and producers using climate smart food and forestry practices, making historic investments in infrastructure and clean energy capabilities in rural America, and committing to equity across the Department by removing systemic barriers and building a workforce more representative of America. To learn more, visit [www.usda.gov](http://www.usda.gov).

**PRAIRIE HILLS GELBIEH**  
*Annual* **BULL SALE**  
**FEBRUARY 11, 2023**  
*Selling 55 Purebred Gelbvieh  
 Balancer and Red Angus bulls*  
 AT THE RANCH — NORTH OF DICKINSON, ND.

<p><b>PBG K17</b>          Coward 94% x Light Tanaka 5008          53.8% Gelbvieh, Home Polled          BW: 52, WW: 571</p>	<p><b>PBG K45</b>          K.H. Blackout 74128 x Page 205          50% Gelbvieh, Home Polled          BW: 51, WW: 770</p>	<p><b>PBG K103</b>          Exact Constitution x Top Producer 28373          53.8% Gelbvieh, Home Polled          BW: 50, WW: 511</p>
<p><b>PBG K75</b>          Grady 285 x Tolan 1192          53.8% Gelbvieh, Home Polled          BW: 51, WW: 584</p>	<p><b>PBG 257K</b>          Gordon Howard 38 x Lora WG Jack 1196          50% Gelbvieh, Home Polled          BW: 50, WW: 584</p>	<p><b>PBG K37</b>          Black Ford 98518 x Purebred 4214          50% Gelbvieh, Home Polled          BW: 51, WW: 559</p>

**PRAIRIE HILLS**  
*Gelbvieh*

Visit our website for sale preview information.  
**PRAIRIEHILLSGELBIEH.COM**

**KLINT & MARALEE SICKLER FAMILY**  
 701-483-9250 • 701-260-1853 Cell  
 2171 102nd Ave SW • Gladstone, ND

**GALEN & MARCIA SICKLER FAMILY**

BID ONLINE AT:

# USDA Announces Major Program Improvements, Progress, & Investments To Benefit American Farmers, Ranchers, & Producers

San Juan, P.R. - On Jan. 9 at the American Farm Bureau Federation annual convention, Agriculture Secretary Tom Vilsack announced several major developments at the U.S. Department of Agriculture that will benefit farmers, ranchers and producers across the nation.

"At USDA, our goal is to provide all farmers, including new and underserved producers, with the opportunity to receive the assistance they need to continue farming, to build and maintain their competitive-edge, and to access more, new, and better markets," said Vilsack, who spoke at the American Farm Bureau Federation annual convention today. "Working together we can ensure American agriculture is as resilient as ever and will do so by implementing a holistic approach to emergency assistance, by lowering input costs through investments in domestic fertilizer production, and by promoting competition in agricultural markets."

Secretary Vilsack announced that USDA continues to make progress in the following areas by:

- Assisting producers facing high input costs to access domestic, innovative fertilizer capacity.
- Improving risk protection for underserved producers.
- Investing in new choices and meat processing capacity for livestock producers.
- Providing relief for producers impacted by disaster and the pandemic.

These programs and efforts are part of the Biden-Harris Administration's commitment to lower costs for producers, increase competition and access to market opportunities, and ensure equity in designing and developing programs to help all producers. Additionally, the announcements are a continuation of the Biden-Harris Administration's focus on targeting assistance based on need, reaching everyone who is eligible, and removing the bureaucratic burden on producers.

## **USDA Moving Forward with Fertilizer Production Expansion Program; Publishes Comments on Importance of Increased Competition**

USDA will soon begin accepting public comments on environmental and related aspects of 21 potentially viable projects to increase fertilizer production across the United States totaling up to \$88 million. These applicants have requested grant funding through the first round of the Department's newly established Fertilizer Production Expansion Program. This program is one of many ways the Biden-Harris Administration invests in the agricultural supply chain right here at home. Investing in projects to increase fertilizer production will bring production and jobs back to the United States, promote competition and support American goods and services. Under the leadership of President Biden and Vice President Harris, USDA continues to create a competitive, resilient, secure and sustainable economy to support opportunities for local businesses and people across this nation. The Fertilizer Production Expansion Program is a critical part of that effort.

The Department is considering fertilizer production projects in Alabama, Arizona, Colorado, Florida, Iowa, Louisiana, Massachusetts, Minnesota, Missouri, Montana, Ohio, Oregon, Texas, Washington, and Wisconsin. In response to prior feedback requesting more time for public comment on the environmental and related impact of USDA-funded projects, USDA is seeking comments from the public on the following questions and projects pertaining to the National Environmental Policy Act of 1969 (NEPA) and Section 106 of the National Historic Preservation Act of 1966 (NHPA). The 30-day public comment period will close February 8, 2023. Additional information is available at [www.rd.usda.gov/fpep-environmental-review-comments](http://www.rd.usda.gov/fpep-environmental-review-comments).

The Fertilizer Production Expansion Program is part of a whole-of-government effort to promote competition in agricultural markets. USDA has also released a summary of the comments received through a Request For Information on Access to Fertilizer: Competition and Supply Chain Concerns, which highlights the variety of concerns about the limited competition and dependence of foreign sources for

significant amounts of fertilizer.

## **Improving Risk Protection for Beginning, Veteran, Limited Resource and Minority Producers**

The Noninsured Crop Disaster Assistance Program (NAP) provides financial assistance to producers of non-insurable crops when low yields, loss of inventory or prevented planting occur due to natural disasters. There is a Congressionally mandated fee waiver for basic coverage for underserved producers. However, a previous set of procedures and regulations created a paperwork burden that stood in the way of many producers taking advantage of the basic coverage option. The recent rule removes barriers and establishes procedures through which an underserved producer with a CCC-860, Socially Disadvantaged, Limited Resource, Beginning and Veteran Farmer or Rancher Certification, on file prior to the applicable NAP application closing date will automatically receive basic coverage for any NAP-eligible crops they plant. Underserved producers on file for 2022 will also receive retroactive basic coverage. Like all other covered producers, underserved producers will still need to file a notice of loss and apply for benefits.

In addition to the basic catastrophic level coverage under NAP, producers can buy-up higher levels of coverage by paying a premium. Underserved producers receive a 50% discount on any premiums. Producers who are interested in obtaining NAP coverage for 2023 should also contact their local FSA county office for information on eligibility, coverage options and applying for coverage. FSA also plans to target outreach to previous producers of NAP-eligible crops to ensure these producers are aware of their options. For more information, reference our NAP Fact Sheet.

## **USDA Making More Investments in Meat and Poultry Processing**

USDA is investing more than \$12 million to expand independent meat and poultry processing capacity in Ohio, Michigan and Minnesota. Vilsack announced that Meat and Poultry Processing Expansion Program grants will help fund the following projects:

- In Ohio, International Food Solutions Inc. is receiving \$9,575,250 to help redevelop and expand a vacant building in Cleveland into a plant with the capacity to process 60 million pounds of poultry. The expansion will include cold and dry storage and two processing lines. The project will create 227 good-paying jobs. International Food Solutions is a woman- and minority-owned business that has produced thousands of prepared meals for K-12 students receiving free and reduced-price school meals.

- In Michigan, grower-owned cooperative Michigan Turkey Producers is receiving \$1,531,204 to help upgrade the hot water system, wastewater treatment facilities and refrigerated trailers to accommodate an expansion at its plant in Grand Rapids. With recent automation upgrades and the continuing expansion made possible by the grant, the plant will be able to add a shift and double its processing capacity to 10 million turkeys annually. The additional capacity also will allow the plant to provide back-up for other facilities of similar size in neighboring states.

- In Minnesota, Benson + Turner Foods Inc. is receiving \$962,954 to build a 6,788-square-foot cattle and hog processing plant on the White Earth Indian Reservation and storefront near Waubun. The grant will help the company achieve its goal of building a sustainable business that benefits the local economy by using locally grown livestock and providing new opportunities for producers to market their products by providing USDA-certified processing for them.

This is in addition to recent announcements of \$74 million in 22 MPPEP projects, \$75 million in grants through the Meat and Poultry Intermediary Lending Program, \$3.9 million in Value Added Producer Grants, and \$5.7 million in Food Supply Chain Loan Guarantees, all supporting meat and poultry processing. These programs are



a few of the suite of programs facilitating investment in meat and poultry processing.

New Programs to fill gaps in 2020/2021 Natural Disaster Assistance (Emergency Relief Program (ERP) Phase 2) and 2020 Pandemic Assistance (Pandemic Assistance Revenue Program (PARP)).

USDA is announcing two new programs that wrap-up and fill remaining gaps in previous natural disaster and pandemic assistance. To be eligible for ERP Phase Two, producers must have suffered a decrease in allowable gross revenue in 2020 or 2021 due to necessary expenses related to losses of eligible crops from a qualifying natural disaster event. Assistance will be primarily to producers of crops that were not covered by Federal Crop Insurance or NAP, since crops covered by Federal Crop Insurance and NAP were included in the assistance under ERP Phase One.

To be eligible for PARP, an agricultural producer must have been in the business of farming during at least part of the 2020 calendar year and had a 15% or greater decrease in allowable gross revenue for the 2020 calendar year, as compared to a baseline year.

The ERP Phase 2 and PARP application period is open from January 23, 2023 through June 2, 2023. For more information, producers should contact their local USDA service center or reference the ERP Phase Two Fact Sheet, PARP Fact Sheet or the ERP Phase Two-PARP Comparison Fact Sheet.

USDA touches the lives of all Americans each day in so many positive ways. In the Biden-Harris administration, USDA is transforming America's food system with a greater focus on more resilient local and regional food production, fairer markets for all producers, ensuring access to healthy and nutritious food in all communities, building new markets and streams of income for farmers and producers using climate smart food and forestry practices, making historic investments in infrastructure and clean energy capabilities in rural America, and committing to equity across the Department by removing systemic barriers and building a workforce more representative of America. To learn more, visit [usda.gov](https://usda.gov).

## The 2022 Census Of Agriculture Is Underway

America's farmers and ranchers now have the opportunity to be represented in the nation's only comprehensive and impartial agriculture data for every state, county and territory. USDA has mailed the 2022 Census of Agriculture to all known agriculture producers across the nation and Puerto Rico. Producers have the option to respond securely and conveniently online at [agcounts.usda.gov](https://agcounts.usda.gov) or by mail. The deadline for response is Feb. 6, 2023.

Collected in service to American agriculture since 1840 and now conducted every five years by USDA's National Agricultural Statistics Service (NASS), the Census of Agriculture tells the story and shows the value of U.S. agriculture. The data inform decisions about business, programs, rural development, research, and more. These are things that directly impact producers, and better data can lead to better decisions. That is why it is so important for every producer's voice to be counted.

Responding to the Census of Agriculture is required by law under Title 7 USC 2204(g) Public Law 105-113. The same law requires NASS to keep personally-identifiable information confidential, to use the data only for statistical purposes, and only publish in aggregate form to prevent disclosing the identity of any individual producer or farm operation. NASS will release the results of the ag census in 2024.

To learn more about the Census of Agriculture, visit [nass.usda.gov/AgCensus](https://nass.usda.gov/AgCensus) or call 800-727-9540. On the website, producers and other data users can access past ag census data, partner tools to help spread the word about the upcoming ag census, special study information, and more. For highlights of these and the latest information on the upcoming Census of Agriculture, follow USDA NASS on [twitter@usda\\_nass](https://twitter.com/usda_nass).



**Commercial, Residential  
and Steel Buildings**



**Located At 108 2nd St NE Sidney, MT**

**Call 406-482-4401, visit [www.bbbuildersmt.com](https://www.bbbuildersmt.com)  
or email [steel@bbbuildersinc.com](mailto:steel@bbbuildersinc.com)**

# WE SPECIALIZE

## IN FAST, QUALITY CUSTOMER SERVICE

MOTOROLA  
SOLUTIONS  
Mobile Solutions Channel Partner

**KOHLER**  
COMMUNICATIONS, INC.

**701-774-8596 • 1-800-735-4932**

**14012 W. Front St. • Hwy 2 & 85 W. • Williston, ND**

ANNUAL MEETING

# YOU'RE INVITED!

Fri, Feb 17, 2023

Sidney Moose Lodge • Noon

Enjoy a Chicken Fried Steak Dinner

Presenting A Slideshow of Current Projects

**PLUS DOOR PRIZES**

(Including two 50" 4K High Definition Televisions)

**Lower Yellowstone Irrigation  
Districts & Board of Control**

**We Are Proud To Be A Major Sponsor  
of the 70<sup>th</sup> Annual National Hard  
Spring Wheat Show In February**

**SEE ONE OF OUR  
AG LENDERS FOR YOUR FINANCIAL NEEDS**

- Real Estate • Operating • Equipment
- Livestock • Irrigation



**Life. Make the Most Of It**

**Offices in Williston, Watford City, Alexander & Killdeer**

Member  
FDIC

[www.fibt.com](http://www.fibt.com)

**Williston Locations: 19 4th St E, 701-774-8321**

**1331 9th Ave NW, 701-609-5800 • 300 W 11th St, 701-774-9711**



*Leland Red Angus ...*

*A Legacy of the Past and Building for the Future.*



**DVAuction**



*57 Years Breeding Red Angus*  
*Hosting our 40th Annual Production Sale*  
**FRIDAY, MARCH 10, 2023**  
**1 p.m. MST • At the Ranch**  
41 mi. N of Beach, ND, or 34 mi. SE of Sidney, MT

**200 Bulls**  
**60 Heifers**  
*Including age-advantaged  
bulls from Koester Red Angus*

**R Leland**  
**RED ANGUS RANCH**

Melvin & Luella Leland • (701) 565-2347  
Todd & Carla Leland • (701) 565-2361  
192 Hwy 16 N • Sidney, MT 59270  
[lendra@restel.net](mailto:lendra@restel.net) • [www.lelandredangus.com](http://www.lelandredangus.com)



# Coccidiosis Affecting Calves In North Dakota

**Coccidiosis is an intestinal parasite that may contaminate feed and water.**

## By NDSU Agriculture Communication

Ranchers in North Dakota have been observing calves showing signs of coccidiosis this fall and winter, according to Gerald Stokka, North Dakota State University Extension's veterinarian.

Coccidiosis is an intestinal disease that affects several different animal species. In cattle, it may produce clinical symptoms in animals from 1 month to 1 year of age, but it can infect all age groups.

Coccidia is a protozoan parasite that has the ability to multiply rapidly and cause clinical disease.

"Coccidia are very host-specific; that is, only cattle coccidia will cause disease in cattle," Stokka says. "Other species-specific coccidia will not cause disease in cattle."

The major damage to calves is the result of the rapid multiplication of the parasite in the intestinal wall and the subsequent rupture of the cells of the intestinal lining.

Several stages of multiplication occur before the final stage, the oocyst (egg), is passed in the feces. Oocysts are extremely resistant to environmental stress and are difficult to remove from the environment completely. Oocysts must undergo a final process called sporulation before they are infective again.

Oocysts frequently contaminate feed and water. When the sporulated oocysts are ingested by other animals, they start their life cycle over in the new host.

## Symptoms

In weaned calves, clinical signs of coccidiosis may develop following stressful events such as weather changes, or if the calves are in conditions such as being fed and eating off the ground. The conditions this fall and winter, with the ground not frozen under the snow, may have increased the risk of coccidiosis infections.

"Symptoms or signs of coccidiosis will depend on the stage of the disease at the time of observation," says Dr. Stokka.

In general, coccidiosis affects the intestinal tract and creates symptoms associated with it. In mild cases, calves only have a watery diarrhea, but in most cases, blood is present in the feces. Straining, along with rapid dehydration, weight loss and anorexia (off feed), may be evident.

Animals that survive for 10 to 14 days may recover; however, permanent intestinal damage may occur. The lesions associated with coccidiosis that are found after death generally are confined to the cecum, colon, ileum and rectum.

Laboratory findings should be correlated with clinical signs for a diagnosis because other infectious diseases such as salmonella and bovine viral diarrhea virus also may lead to blood in the stool, Stokka notes.

The susceptibility of animals to coccidiosis varies.

"Coccidiosis frequently is referred to as an opportunist, which is a disease that will develop when other stress factors are present or when exposure to the oocysts is overwhelming," Dr. Stokka says.

"The life cycle of coccidiosis in calves is approximately 21 days," he adds. "This means that if a weaned calf is showing signs and symptoms of coccidiosis at 3 weeks after weaning, then the calf was exposed to the oocysts at weaning



**The conditions this fall and winter may have increased the risk of coccidiosis infections. (NDSU photo)**

time. The logical conclusion is that weaning pens are contaminated."

## Treatment

Infected animals must be treated for the infection and to correct dehydration. Producers should select the proper drugs in consultation with their veterinarian. Sulfa drugs and a therapeutic dose of amprolium are available to treat coccidiosis. Antibiotics may be necessary if secondary bacterial infections are suspected.

Products also are available for treating the entire group of calves, Stokka says. Treatment and prevention are most effective when started early.

## Prevention

Dr. Stokka and Karl Hoppe, Extension livestock systems specialist, suggest these steps to prevent coccidiosis:

- Move weaning or receiving pens to a clean area free of contamination.
- Increase the amount of space per calf at weaning.
- Feed an additive that can reduce the presence of coccidia.

"Feeding a coccidiostat (decoquinate or amprolium) or an ionophore (monensin or lasalocid) at weaning will reduce the risk of disease," Hoppe says. "Be sure to follow label claims because each product will have slightly different label claims."

"Feeding an ionophore to the cows for reducing the overall coccidia parasites present in the environment also has the benefit of improving feed efficiency," he adds.



# Montana Ranchers Compete At National Level In Young Farmers & Ranchers Competitive Events

San Juan, PR - An Alder rancher and couple from Choteau had the opportunity to compete in the Young Farmers & Ranchers Competitive Events during the 104th American Farm Bureau Convention which runs through January 11 in San

Juan, Puerto Rico.

Mark Boyd, who had won the Montana Farm Bureau Young Farmer & Rancher Discussion Meet

in November, spent Saturday talking about agricultural issues with other young producers, ranging from supply chain issues to ways young agriculturalists can begin or remain in agricultural production. The Discussion Meet, which is open to Farm Bureau members age 18-35, is meant to simulate a committee meeting with ideas discussed and solutions developed.

"Competing at the national level allowed me to visit with some of the other competitors and learn about the diversity of other farms and ranches across the country," said Boyd. "During the competition, I had to keep in mind that although we in Montana might all agree on an issue, people in different parts of the country have different perspectives."

Boyd said he prepared at the national level by contacting prior MFBF Discussion Meet winners to learn what worked and what were the challenges in competing at the national meeting.

Ben and Karli Johnson, who had been the MFBF YF&R Achievement Award winners from the MFBF Convention, were one of 27 competitors for the national Achievement Award. The Johnsons, who were both raised in agriculture, started Sevens Livestock in Choteau, MT and raise seedstock and commercial cattle. Achievement Award contestants are evaluated on a combination of their farming operation growth and financial progress of the farm or ranch, and Farm Bureau leadership, as well as leadership outside of Farm Bureau.

Ben said that although they didn't have much in common with some of the other competitors, such as wine grape growers, they had the opportunity to share commonalities with cattle stockers and other young farmers and ranchers who raised livestock.

"Working on the application enabled us to realize how our decisions on our farms or ranch impacted our balance sheet," said Karli. "Being in this competition made us not only be reflective of what we have achieved, but also what our next steps will be."

A delegation of 46 Montana Farm Bureau members have been attending the Young Farmer & Rancher Competitive Events, workshops, general sessions and the trade show.



**Ben and Karli Johnson from Choteau competed in the Young Farmers and Ranchers Achievement Award. (Photo submitted)**

**EASTERN MONTANA GENETICS**  
WHERE QUALITY, PHENOTYPE AND PERFORMANCE MEET MATERNAL

*A Brand to Trust*

*Selling Private Treaty*  
**110 HEREFORD BULLS - HORNED & POLLED**  
**35 RED ANGUS BULLS**

SONS OF : FT. KNOX 4040, ANODYNE 001A, CHURCHILL RED BARON 8300F, ADVANCE 9261, FORTY CREEK 45H AND PUTE NASCAR N13.

**SELECT NOW!**  
FREE WINTERING  
DELIVERY IN THE SPRING

Beery's Land & Livestock Co.  
VIDA, MONTANA

503 MT Hwy 254 • Vida, MT 59274 (24 miles north of Circle on Hwy 13 - 5 miles east on Rd 254)  
Matt Beery: (406) 979-5720 • Madri Blom - Herdsman: (406) 979-5711 • blcattle@gmail.com  
**WWW.BEERYHEREFORDS.COM**  
Like us on facebook/Beery's Land & Livestock Co. - BEERY Herefords



# Forage Testing Is Good Management

Testing forage and feed for nutrient quality provides ranchers with the knowledge of what nutrients they are supplying to their cattle on a daily basis.



For beef cowherds, forages are the backbone for meeting nutrient demand. (NDSU photo)

## By NDSU Agriculture Communication

All living things require nutrients for survival. The most basic of these are protein, energy, vitamins, minerals and water. Testing forage and feed for nutrient quality helps ranchers ensure they are meeting nutrient requirements for optimum beef cattle performance.

“Compared to a human, a beef cow needs to be supplied with a massive amount of nutrients daily to meet requirements for movement, fetal growth, temperature maintenance, digestion, milk production and other functions,” says James Rogers, North Dakota State University Extension forage crops production specialist.

Young cows require additional nutrients for body growth until they reach maturity. Thin cows require additional nutrients to restore body condition. For beef cowherds, forages (grazed pasture and range, hay, silage) are the backbone for meeting this nutrient demand.

Protein content is the first nutrient ranchers must consider in forage. In the rumen of the cow, bacteria require protein in order to efficiently and completely digest forage. If protein levels are not meeting animal requirements, forage intake is reduced and forage digestion can be incomplete, which limits intake of other nutrients such as energy.

Once protein requirements are met, the focus should be on meeting the cow’s needs for energy, which is required by the cow in the largest volume of all nutrients and often gets overlooked, says Rogers. A common term for expressing the energy requirement of the cow is total digestible nutrient (TDN). TDN requirements can be expressed as pounds per day required or as a percentage of the daily dry matter intake.

“TDN works well for ration balancing and for describing energy content of a feed or forage,” says Rogers. “However, it does not give you a real feel for the volume of energy required by a beef cow. A more descriptive term is a calorie, which describes the amount of energy required by an animal or the amount of energy supplied by a feed source.”

In beef nutrition, net energy for maintenance (NE<sub>m</sub>) and/or net energy for

gain (NE<sub>g</sub>) describes these values. NE<sub>m</sub> describes energy requirements for daily cow maintenance. If any energy is left over after maintenance needs are met, it goes to NE<sub>g</sub>.

The unit of measurement for net energy in beef cow requirements is a megacalorie (Mcal). Human energy needs are also expressed in calories but in kilocalories (kcal). A human male needs 2,700 kcal each day or 2.7 million calories per day (1 kcal = 1,000 cal). By comparison, a 1,200-pound cow in the middle third of pregnancy requires 9.1 Mcal/day for NE<sub>m</sub>. A megacalorie is 1 million calories, meaning 9.1 million calories must be supplied every day to meet this cow’s maintenance energy requirements.

“When this same cow moves from the middle third to the last third of pregnancy, the NE<sub>m</sub> jumps from 9.1 Mcal to 12.0 Mcal daily,” says Rogers. “That is 12 million calories per day just for maintenance or roughly 1,091 cups of salad, assuming that a cup of salad contains 11,000 calories.”

Another leap in energy requirements occurs when the cow moves into calving and lactation. Then NE<sub>m</sub> goes from 12.0 to 18.6 Mcal if the cow is producing 25 pounds of milk per day. As nutrient requirements increase, forage quality and/or supplementation should increase. A forage that barely met nutrient requirements at the middle third of pregnancy will no longer meet requirements at calving.

These numbers do not consider temperature, wind, mud, snow or other environmental factors that can further swell requirements. Testing forage and feed for nutrient quality provides ranchers with the knowledge of what nutrients they are supplying to their cattle on a daily basis.

Echoing the saying of an old football coach about the forward pass, Rogers says that there are three possible outcomes for not testing forages, and two are bad.

“The first possible outcome is that you are underfeeding or undersupplementing, which will cost performance and profit,” says Rogers. “Second, you may be overfeeding, which costs you extra money. The final possible outcome is that you might, by chance, have it right. Take out the chance and put in the ‘know’ with feed and forage testing.”



# THE EQUIPMENT YOU NEED TO RUN YOUR FARM!



CASE IH MAGNUM 310



RB565 ROUND BALER



CASE IH MAXXUM 150



CASE IH TV450B SKIDSTEER

## TOUGH EQUIPMENT FOR TOUGH JOBS

### New Tractors

Case IH Maxxum 150  
Case IH Magnum 310 with  
AFS Connect

### New Skid Steer

Case IH TV450B

### New Haying Equipment

Case IH RB565 Premium

### Used Combines

2010 Case IH 7120, 1725 sep. hrs, full auto  
guidance, consigned.....\$89,000  
2009 Case IH 7120, 1947 sep. hrs, full auto  
guidance, consigned.....\$89,000  
Case IH 8120 Combine,  
2060 sep. hrs..... Just Traded

### Used Seeding, Tillage, Sprayers

Brandt 5B4000 suspended boom sprayer,  
90' booms .....\$19,900

### Used Haying Equipment

2022 Case IH WD1505 Windrower, 14' head,  
18 hrs., consigned..... \$162,000  
2005 John Deere 4895 Windrower,  
18' head..... \$49,000



**TRI-COUNTY IMPLEMENT, INC.**

2429 W HOLLY STREET • SIDNEY, MT 592709213  
406-488-4400 | tri-cnty.com

All rights reserved. Case IH is a registered trademark of CNH America LLC.



## NEW MISCELLANEOUS EQUIPMENT

Danuser Palet Forks - 48", 4000lb  
Danuser Hydraulic Post Hole Digger  
& Augers  
Garfield 10' drag scraper  
Danuser Hammer post pounder

Patriot Pivot Track Filler  
Haybuster 2660 Bale Processors  
Schulte FX-1800 Mower  
Parma 30' Mulcher