

Welcome to the Hard Spring Wheat Show from President Brian Kaae



Hello and Welcome to the 64th Hard Spring Wheat Show,

I don't need to tell anyone that farming is a dynamic business. Keeping up with innovations, the markets, and ways to handle production challenges is a fulltime job. The Wheat Show Committee strives to supply answers to many of your challenges all packed into two days of relief from the winter doldrums!

The flour flies as area 5th graders gather in the courtyard on the 7th to get hands on with making bread dough. I've talked to parents who remember their experience and are happy to see their kids get the chance to participate in this activity day that showcases the wheat we raise on our farms. The kids get a real "feel" of where their food comes from.

On the 8th the adults take the stage for some informative presentations. Improving communication skills is the first order of the day. After a quick break Dr. Andrew Friskop helps us understand more about what we all thought was an "Eastern Dakota" problem—Fusarium Head Blight and Don. Dr. Janet Knodel tackles the midge problem with management tips for 2017 and John Nowatzki heats up the love affair we have with our smart phones discussing agriculture apps for 2017. Greg Nessler, Durum and Spring Wheat merchandiser for CHS, will provide some "food for thought" over the lunch hour.

Don't sneak away or take an afternoon nap because noxious weeds and landscape plants are on tap for the afternoon sessions. Speaking of on tap, barley is the subject Dr. Rich Horsley knows best. He and Travis Peterson talk beer and barley in

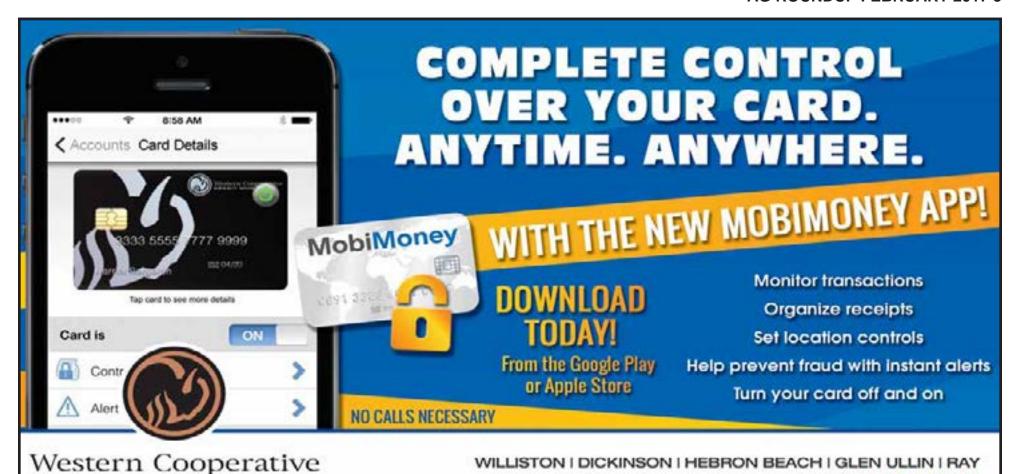
the late afternoon while we move right on into a beer tasting social ahead of a pasta bar supper. The evening ends with a round table discussion of Vomitoxin issues so have your questions ready.

The 9th starts with everyone's perennial favorite as Daryl Ritchison of NDAWN presents the weather forecast for the coming growing season. Then our second day headliner, Dr. Ed Usset from the University of Minnesota, will help us eliminate common marketing errors and improve our bottom line. After a quick break Dr. Gautam Pradhan talks sulfur and nitrogen before we break for lunch.

Get your tickets early as our awards luncheon will welcome Bill Sorensen, the co-host of the Medora Musical, to the stage after we recognize the milestone achievements of some of our sponsors and the winners of the photo con-test. The afternoon sessions cover insects (good and bad), the importance of soil sampling, and winter wheat production in the northern plains before adjourning until we meet again in 2018.

Of course none of this would be possible without a lot of hard work by the committee and the support of our sponsors. Take a little time to look over the list-ing and, as we learned from V.J. Smith last year, use those two most important words in the English language "Thank You." These are the hometown businesses that are here through good and tough times playing their part in your success, so stop by and give them your patronage and your thanks.

Brian Kaae, President





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Importance of Soil Sampling

Thursday, February 9 at 2:40 pm Chris Augustin NDSU Area Soil Health Specialist

Chris grew up on his family farm in northeastern North Dakota near the town of Crystal. Helping out with small grains, sugar beets, and potatoes operation gave Chris a love of agriculture and respect of the land. This carried over into college as he earned a B.S. and M.S. in Natural Resources Management emphasizing Soil Science from North Dakota State University. During Chris' time at NDSU he became active and held leadership positions in many organizations. During the spring of 2008 Chris moved to Carrington to work for the NDSU Extension Service as a Nutrient Management Specialist



Christ Augustin

where he worked with farmers and ranchers fertility programs and consulted them on environmental issues. Chris moved to Minot in March of 2012. He hopes to help farmers improve their soil resources. Chris is excited to improve North Dakota's soil by educating producers, technical service providers, and others on current and emerging soil management practices.



Communicating Through Differences Wednesday, February 8 at 7:30 am

Jodi Bruns
Community Vitality
Extension Specialist

Jodi Bruns is a Community Vitality Extension Specialist for the NDSU Extension Service. She works with rural community leaders to assist them in developing long term plans as well as providing various research based resources from NDSU. She also delivers professional development training and facilitation for private industry, government agencies as well as communities. Jodi and her husband live and work on their 4th generation farm located in Dickey County.



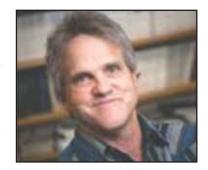
Jodi Bruns

Winter Wheat Production in the Northern Great Plains

Thursday, February 9 at 3:20 pm

Dr. Phil Bruckner MSU Winter Wheat Breeder

Phil L. Bruckner is a winter wheat breeder and professor in the Plant Sciences & Plant Pathology Department at Montana State University. Phil obtained B.S. and M.S. degrees at Montana State University and a Ph.D. in 1985 from North Dakota State University. Phil served as small grain breeder at the University of Georgia Coastal Plains Experiment Station from 1985 to 1992, before moving to Montana State Universi-y. His program focuses on development of high-yielding winter wheat varieties that have good agronomic characteristics and



Dr. Phil Bruckner

resistance to disease and insect pests, withstand environmental stresses, and meet marketing requirements of Montana wheat producers. His program has developed and released eight solid-stem winter wheat cultivars for management of wheat stem sawfly. Recent cultivars released by the MSU program include Decade, Bearpaw, Judee, SY Clearstone 2CL, WB3768, Warhorse, Colter and Loma winter wheats.

Continuing Education Units Available

The 64th Annual National Hard Spring Wheat Show will have 6.5 CCA Continuing Education Units available. There will be 3 available for Wednesday morning and 3.5 available for Thursday morning. To receive the credits, CCA (Certified Crop Adviser) will have to sign up between 11:30 and 1 p.m., after the participation of the morning sessions.

Welcome To The Hard Spring Wheat Show!

We salute the Wheat Show committee on 64 years of promoting agriculture & educating area farmers & the public on the advancements in agriculture.

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Five Common Mistakes in Grain Marketing

Wednesday, February 9th at 8:30 am

Dr. Ed Usset

Grain Marketing Economist for the Center for Farm Financial Management University of Minnesota

Working with his colleagues at CFFM and in extension, Ed developed the award winning "Winning the Game" series of workshops. In addition, he manages Commodity Challenge, an online marketing education game that uses real-time cash and futures data. He teaches "Commodity Markets" at the University. The 2nd edition of his book, "Grain Marketing is Simple (it's just not easy)" was released in November, 2015



Edward Usset



What's On Your Landscape?

Wednesday, February 8 at 2 pm Jay Fuhrer NRCS Bismarck Conservationist

Growing up on a small grain and livestock farm, Jay's interests have always centered on agriculture. Jay emphasizes Soil Health as a foundation for cropping & grazing systems, cover crops, soil biology, pollinators, insects, wildlife, and quality of life. At the Menoken Farm, Jay uses cover crops and livestock integration to connect the cropping and grazing systems together, raising the Soil Health bar even higher.



Jay Fuhrer

Projected Weather Patterns for 2017 Growing Season

Thursday, February 9 at 7:30 am

Daryl Ritchison
Interim Director North
Dakota Agricultural
Weather Network
(NDAWN) North Dakota
State University

Daryl spends his time on climate research, public outreach and development and enhancement of tools for NDAWN, a network of 85 weather



Daryl Ritchison

stations located throughout North Dakota, eastern Montana and western Minnesota. He also presents short and long term forecasts for the state of North Dakota and the upper Midwest and is a well-known public speaker on various topics. Previous to his current position he worked for 25 years as a meteorologist at various Midwestern television stations including WDAY-TV, WDAZ-TV and WDAY-AM. Throughout his career he has spoken to hundreds of groups on NDAWN usage, weather, climate, weather risk management, public relations, serving as Master of Ceremonies, giving motivational talks and additional topics.



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Schedule of Events WHEAT SHOW



Join Us At The Grand Williston Hotel On February 7th - 9th

3:20pm	ebruary 7th —————————————————————	Tuesdav. Fe
Room Host: Audrey k		
l:25pm	450+ area 5th grade students learn to make bread and get to bring their loaf of bread home!	
:30pm		
5:00pm Supper - Pasta	, February 8th —————————————————————	Wednesday.
5:00pm		
Thursday, February 9th	Breakfast - \$10 Room Host: Brian Kaae	
':30am	Communicating Through Differences: Jodi Bruns, Marcia Hellandsaas, Desire'e Steinberger	0.45
Breakfast - \$10 Room Host: Aaron Grar		
:30am	Wheat Midge Management Tips for 2017: Dr. Janel Knodel	10.00diii 10:45am
0:45am	Anriculture Anns for 2017: John Nowatzki	11:30am
1:00 Effects of Sulfur and Nitrogen on Growth and Yield of Dryland Spring Wheat: Dr. Gautam Pradl	Agriculture Apps for 2017: John Nowatzki Durum Outlook 2017-2018: Greg Nessler	12:00pm
1:30am	Lunch - Fajita Bar - \$10	
2:00pm	Room Host: Dennis Johnsrud	
Room Host: Desire'e Steinber 2:00pm		
Room Host: Ron S	osate - Resistant Horseweed and Kochia: Identification and Management in the MonDak	1:30pm Glypho
	Dr. Clair Keene	0.00
2:40pm		2:00pm



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The Doctor is in...

The following specialty providers will be seeing patients in Williston at the Trinity Community Clinic-Western Dakota in February.



Gillian Lavik, MD General Surgery

Feb. 2nd For an appointment call (701) 857-5764



Ierrica Maxson, AuD Audiology

Feb. 2nd For an appointment call (701) 857-5986



Mark Noel, DO Ear, Nose and Throat

Feb. 2nd For an appointment call (701) 857-5986



Ravindra Joshi, MD Orthopedic Surgeon

Feb. 3rd For an appointment call (701) 857-5500



Robert Fischer, MD Ear. Nose and Throat

Feb. 6th For an appointment call (701) 857-5986



Tricia Nechodom, AuD Audiology

Feb. 6th For an appointment call (701) 857-5986



Emad Dodin, MD Cardiology

Feb. 9th For an appointment call (701) 857-7388



Amanda Weidler, FNP-C Cardiology

Feb. 9th For an appointment call (701) 857-7388



Diane Bigham, DO Urology

Feb. 13th & 14th For an appointment call (701) 857-7396



Aaron Albers, DPM Foot & Ankle Specialist

Feb. 13th & 27th For an appointment call (701) 857-3584



Erdal Diri, MD Rheumatology

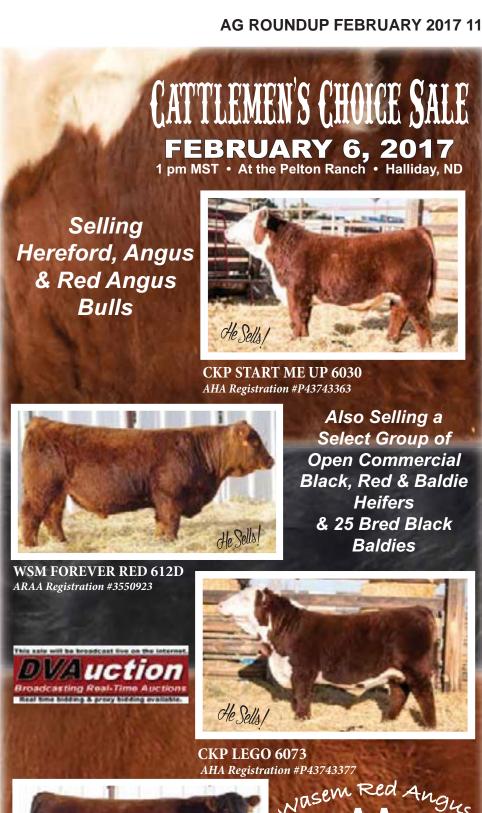
Feb. 14th & 28th For an appointment call (701) 857-7495

Pacemaker Clinic Feb. 9th

For an appointment call (701) 857-7388



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Craig Pelton 40 93rd Ave Halliday, ND 58636 701-260-0058

Motivational Speaker, Entertainer, Humorist, Storyteller, Philospher Chad Prather to Entertain at 2017 MonDak Ag Days

Richland County Ag Days is excited to welcome Chad Prather as entertainment for the banquet on Thursday, March 2, 2017.

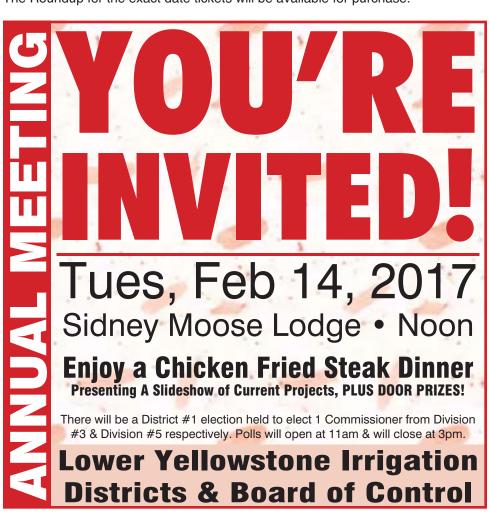
Prather's website, watchchad.com, provided the following information.

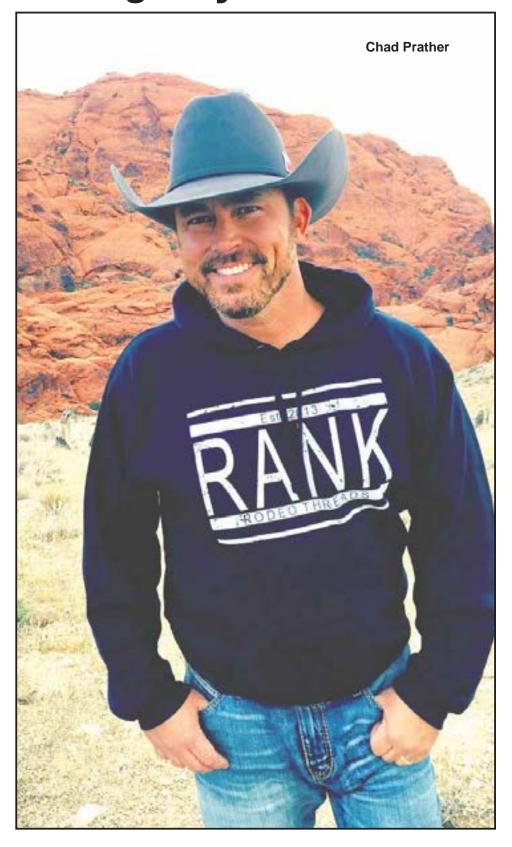
Chad Prather is a student of living life to the fullest. Never one to shy away from adventure or a new experience he faces the world with a smile. Chad is an adopted Texan that calls the Fort Worth (not Dallas!) area home. Although he grew up in Augusta, GA he migrated to Texas in 2003. Through life's many winding roads he has managed to keep his positive attitude and tries his absolute best to bring out the best in those he meets. Chad is an entertainer. A storyteller. Whether he uses music, comedy, motivational speaking, or any combination of the three he feels that everyone has a story that needs to be told.

A story that matters.

Through his social media humor videos, he is considered to be one of America's fastest growing public personalities. His wife, Jade, is still rolling her eyes. A sought after public entertainer and motivational speaker, Chad uses his life experiences as an athlete, a husband, a father, and a traveler to coach and encourage others on their journey. He is also the host of Ride Television Network's "It's My Backyard" as well as making numerous other TV and radio appearances.

Tickets will go on sale the second week in February. Check upcoming issues of The Roundup for the exact date tickets will be available for purchase.







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Barley & Beer at Hard Spring Wheat Show Feb. 8



Travis Peterson (right) with his brewer, Tim Schmars at Meadowlark Brewing.

By Jody Wells

Meadowlark Brewing founder Travis Peterson will speak with Dr. Rich Horsley from NDSU at the 64th National Hard Spring Wheat Show at 4:45 pm on Feb. 8 at the Grand Williston Hotel in Williston.

Peterson and Horsely will talk about how two-row barley is used in the brewing process of craft beer. They will also focus on what traits are important to craft malters, the current trends in the industry and explain how brewers write a recipe for a style of beer.

Following the presentation Peterson will host a Beer Tasting Social at 5:30 pm. This will give Wheat Show attendees an opportunity to sample the different styles of beer to compare the different flavors of ingredients along with how variations in the brewing process affect the flavor of each style of beer.

Peterson returned to Sidney six years ago to help with his family's business. He launched Meadowlark Brewery and began brewing beer with his brewer, Tim Schmars in 2014. Meadowlark now has 21 in house styles served at the Meadowlark Public House; three styles in cans on store shelves and is distributed to restaurants throughout Montana and North Dakota. Peterson plans to expand into Wyoming and South Dakota in 2017 and has recently added a 22 oz. bottler.

With the growing trend of local breweries spreading throughout the county, Peterson was at the forefront of bringing local craft beers to his hometown in Sidney. Seeing Meadowlark's success, other local breweries will be starting in Watford City and Glendive. "A lot has changed in the last six years," stated Peterson. "The more craft beer in our area the better."



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The Glendive Agri-Trade Expo is Scheduled for Feb. 10th & 11th 2017

By Kathy Newton McLane

Mark the second weekend in February (February 10 & 11th) on your calendars for the Glendive Agri-Trade Expo (GATE) as we celebrate the 39th year of this exceptional agricultural tradeshow at the Eastern Plains Event Center (EPEC) in Glendive.

Every year, vendors from surrounding states and Canada convene in Glendive to showcase their products and get up close and personal with area residents. Northern AgNetwork and KXGN will again be on hand for interviews and live broadcasts during the show.

This is a great chance to break the ho hum of mid-winter cabin fever and come to the tradeshow to visit with friends and neighbors and see what's new and interesting in the world of agriculture. If you're feeling lucky, buy a raffle ticket and win one of those great prizes. Raffle tickets can be obtained from any GATE Board member or from the Chamber of Commerce.

Friday will feature weed seminars where private, governmental, and commercial pesticide applicators can receive the necessary points for renewing their chemical applicators licenses. On Saturday there will be additional useful and educational seminars – including one on pressure-cooking! And as always, enjoy the awesome cooking of the Glendive

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Vendors, please contact any GATE board member or call 406-987-3777 to register or if you have any questions or you can check out the website at www.gatexpo.com. We're looking forward to seeing you there!



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FAQ About Fusarium Head Blight & Don

Wednesday, February 8 at 10 am Dr. Andrew Friskop NDSU Extension Plant Pathologist

Andrew is responsible for the management of cereal diseases in North Dakota. He is a native of North Dakota and received his Ph.D. (2013) from North Dakota State University. His applied research program focuses on the management of several cereal diseases.



Dr. Andrew Friskop

Soil Health

Dr. Nick Goeser
National Corn Growers
Association, Director of the
Soil Health Partnership,
Director of Soil Health and
Sustainability

Nick is building The Soil Health Partnership Network of on-farm research trials to connect soil health with on-farm management, crop



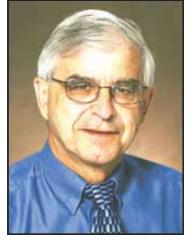
Dr. Nick Goeser

productivity, profitability and environmental responses. Nick has over a decade of research in the areas of crop production, nutrient cycling and management, and environmental quality. Nick completed a MS in Agronomy and PhD in Horticulture from the University of Wisconsin. Nick's doctoral research focused on the evaluation of crop productivity, nutrient use efficiency, and nutrient cycling from organic residues within a vegetable rotation.

Agricultural Apps for 2017

Wednesday, February 8 at 11:30 am
John Nowatzki
NDSU Agricultural Machine
Systems Specialist

John's responsibilities include developing and teaching educational programs related to agriculture machinery selection and operation, geo-spatial technology for precision resource management, conservation tillage technologies, agricultural chemical application technology, energy conservation and alternative energy use. Expertise areas: agricultural machine systems, precision agriculture, conservation technology, farm equipment energy conservation, energy efficiency, farm chemical application technology & wireless technology on farms.



John Nowatzki



Effects of Sulfur and Nitrogen on Growth and Yield of Dryland Spring Wheat

Thursday, February 9 at 11 am

Dr. Gautam Pradhan

Research Agronomist NDSU Williston Research

Extension Center

Gautam's research mainly focuses on evaluation of crop varieties and breeding lines for biotic and abiotic stress tolerance and development of technologies that

enhance input use efficiency, yield and quality of dryland crops. He conducted similar research at the Texas A&M AgriLife Research in Amarillo, Texas; Kansas State University, Kansas; and the Nepal Agricultural Research Council, Nepal. At present, he has grants from the ND Soybean Council, Montana Wheat & Barley Committee, and Northern Pulse Growers Association. Dr. Pradhan has a PhD in Agronomy from Kansas State University and a MS in Agriculture from the University of Bonn, Germany. He is a reviewer of seven international journals and an author of nine scientific papers.



Dr. Gautam Pradhan

USDA Expands Grasslands Conservation Program to Small-Scale Livestock Producers Helping Dairy, Beef and Other Producers Protect Working Grasslands in 43 States

U.S. Department of Agriculture (USDA) Farm Service Agency (FSA) Administrator Val Dolcini today announced that USDA will accept over 300,000 acres in 43 states that were offered by producers during the recent ranking period for the Conservation Reserve Program (CRP) Grasslands enrollment with emphasis placed on small-scale livestock operations. Through the voluntary CRP Grasslands program, grasslands threatened by development or conversion to row crops are maintained as livestock grazing areas, while providing important conservation benefits. Approximately 200,000 of the accepted acres were offered by small-scale livestock operations.

"Producers of all sizes are interested in USDA's Conservation Reserve Program,"

said Dolcini. "This latest round of CRP Grasslands enrollment, where much of the acreage comes from small-scale livestock operations, shows that our nation's family farmers and ranchers can have a big impact on environmental conservation."

The most recent ranking period closed on Dec. 16, 2016, and included for the first time a CRP Grasslands practice specifically tailored for small-scale livestock grazing operations to encourage broader participation. Under this ranking period and for future periods, small-scale livestock operations with 100 or fewer head of grazing cows (or the equivalent) can submit applications to enroll up to 200 acres of grasslands per farm. Larger operations may still make offers through the normal process. USDA met its goal of 200,000 acres under this small-scale initiative. The new practice for small-scale livestock grazing operations encourages greater diversity geographically and in all types of livestock operations. Visit http://go.usa.gov/x9PFS to view the complete list of acres accepted by state.

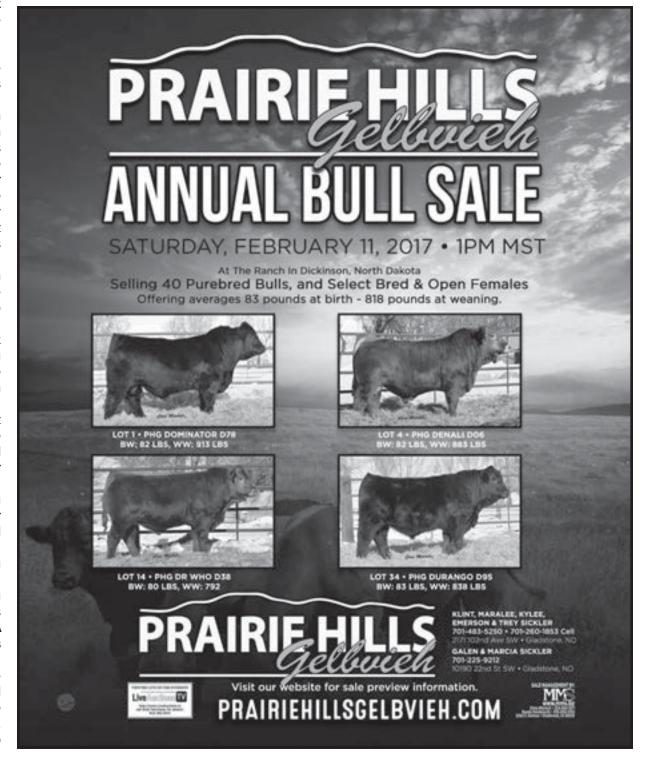
Participants in CRP Grasslands establish or maintain long-term, resource-conserving grasses and other plant species to control soil erosion, improve water quality and develop wildlife habitat on marginally productive agricultural lands. CRP Grasslands participants can use the land for livestock production (e.g. grazing or producing hay), while following their conservation and grazing plans in order to maintain the cover. A goal of CRP Grasslands is to minimize conversion of grasslands either to row crops or to non-agricultural uses. Participants can receive annual payments of up to 75 percent of the grazing value of the land and up to 50 percent of the cost of cover practices like cross-fencing to support rotational grazing or improving pasture cover to benefit pollinators or other wildlife.

USDA selects offers for enrollment based on six ranking factors: (1) current and future use, (2) new farmer/rancher or underserved producer involvement, (3) maximum grassland preservation, (4) vegetative cover, (5) environmental factors, and (6) pollinator habitat. Offers not selected in a ranking period are rolled over into the next ranking period.

Small livestock operations or other farming and ranching operations interested in participating in CRP Grasslands should contact their local FSA office. To find your local FSA office, visit http://offices.usda.gov. To learn more about FSA's conservation programs, visit www.fsa.usda.gov/conservation.

Throughout the Obama Administration, USDA has generated thousands of critical partnerships to conserve and protect our natural resources on working landscapes, while enrolling a record number of acres in conservation programs. Seventy-percent of the nation's land is owned and tended to

privately, and America's farmers, ranchers and landowners have willingly stepped up to address the growing impacts of a changing climate. With USDA's support, they work to implement voluntary practices that improve air and water quality, prevent soil erosion and create and protect wildlife habitat. Since 2009, USDA has invested more than \$29 billion to help producers make conservation improvements, working with as many as 500,000 farmers, ranchers and landowners to protect land and water on over 400 million acres nationwide. Read more about USDA's record conservation outcomes under this Administration at Caring for our Land, Air and Water: Preserving Precious Natural Resources for Tomorrow.



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Potential for Ice Jams and Related Flooding Greatest in February and March

Damaging floods caused by ice jams are a fact of life along many Montana rivers and streams. With warmer conditions expected this week, the Montana Department of Natural Resources and Conservation (DNRC) would like to remind residents that the heavy ice covers on waterways could break apart in some areas, producing prime conditions for ice jams and associated flooding.

"Montana experiences the highest number of reported ice jams in the continental US, with most occurring in February and March" said DNRC Director John Tubbs. "Flooding can happen in any community and it can happen quickly. Residents in flood-prone areas should take steps to safeguard their families and property."

Ada Montague, a water resource planner with DNRC, said the National Weather Service has advised that temperatures around the state are expected to rise above freezing from Jan. 24-26, with rain also expected in some areas. Potential impacts from melting snow and rainfall include pooling of water in areas where storm drains or ditches are clogged with snow and ice, pooling of water in low-lying areas, and potential ice jams on small creeks.

Michelle Phillips, a DNRC floodplain specialist, said it's important that residents living near a river or stream have a flood evacuation plan and consider the following steps:

- Purchase flood insurance. In most cases flood insurance must be purchased
 30 days before a flooding event.
- Keep extra drinking water on hand. Flooding can compromise local water systems.
 - Shovel or plow snow away from homes and structures.
- Be ready to transport valuables or, where practical, elevate them.

The Montana All-Hazards Weather Monitor web site offers up-to-date information on stream flows and potential flood conditions: http://www.wrh.noaa.gov/byz/state/current.php?wfo=tfx

To learn more about the National Flood Insurance Program, visit www.floodsmart.gov.



More than 80 percent of ice jams and associated flooding in Montana take place between January and March, with the highest number occurring in March. The most ice jams ever recorded in a single season was 75 in 1996. In more recent years, 2004 saw 40 ice jams, 2006 produced 14, and 23 were recorded in 2011.

Farm Succession Planning Requires Good Communication

Submitted by Rebecca Colnar, AgNewsWire

Farm succession planning is complex and requires careful thought, according to Roger McEowen, Washburn University School of Law. He addressed workshop attendees at the American Farm Bureau Federation's 2017 Annual Convention & IDEAg Trade Show in Phoenix.

Top things to consider are whether or not you want to keep your farm going and what needs to be done to prepare your family for you not being there, according to McEowen.

Montana Farm Bureau members Kenny and Kathy Hanson found the workshop to be valuable. "He suggested starting your planning one-on-one with each family member who will be involved," noted Kathy Hanson. Too often, poor communication among family members is a major stumbling block when the subject of succession planning arises. In addition, the mixed roles of family members on the farm or ranch, diverse personalities, generational differences and gender differences all play a role and must be considered

"There was discussion on the different entities to put your farm and ranch business into, and how to use gifts, leases and sales as succession tools," said Hanson, who ranches with her family in Melville. "They also covered plans to reduce risk."

Possible marital changes down the road, the need to protect business assets and navigating family conflicts are among the many challenges anyone considering farm succession planning must face head on. If the farm business is to continue, whether or not it is profitable enough to ensure a future for family members must be considered.

Fairview's FFA Chapter Gains New Advisor

By Anna Dragseth

Fairview's Future Farmers of America (FFA) Chapter has started off the new year with a new advisor, Vanessa Pooch. On Monday, January 23, Fairview's FFA members attended a competition in Medicine Lake where they participated in Agriculture Sales and Farm Business Management.

Pooch is originally from Glenwood, Minnesota where she was a part of the FFA program and served as the 2005- 2006 Region III FFA President. She has a lot of experience with FFA and when she was asked to take on the job she couldn't say no. Pooch said, "I want all the students to have the same opportunity that I did. I enjoy teaching and showing others about agri-

culture. I also learned some very important life skills through FFA, such as effective interview skills, creating resumes, and learning how to fill out applications. I believe all students need to learn these very basic skills before leaving high school and I hope to teach and strengthen those skills."

In Pooch's past FFA experiences, she has partaken in public speaking (state), extemporaneous speaking, farm business management, livestock evaluation (state), parliamentary procedure, state chorus member, state courtesy corps member, home and community development and proficiency (state and national), and agricultural education proficiency.

Pooch's future goals for the club are to get Fairview's FFA chapter back on the map and competing in many competitions including Big Muddy District contests and the Montana State FFA contest. Pooch said, "This includes creating a program of activities awarding Greenhand and Chapter degrees and celebrating members' accomplishments with a spring banquet. I personally would like to see an FFA chapter that thrives on classroom development."

Fairview's FFA members are very excited about having the Fairview FFA back up and running again. Grace Dragseth, Fairview's FFA President, said, "Vanessa is a great teacher and very knowledgeable. All the kids, including me, are so excited that Fairview's FFA Chapter is finally back!"



Top row from left to right: Vanessa Pooch (FFA Advisor) Grace Dragseth, Alexis Griggs, Ally Young and Alex Young. Bottom Row: Becca Deming, Lexie Selting, Anna Dragseth and Jaycie Rau.



Wheat Midge Management Tips for 2017

Wednesday, February 8 at 10:45 am
Dr. Janet J. Knodel
Extension Entomologist and
an Associate Professor in the
Department of Plant Pathology
at North Dakota State University

Janet received her B.S. in Zoology and Ph.D. in Entomology from North Dakota State University in Fargo and her M.S. in Entomology from Virginia Polytechnic Institute & State University in Blacksburg, Virginia. Her primary responsibilities include insect pests of field crops, trees/shrubs, garden, and home. She oversees the insect diagnostics, administers the North Dakota Integrated Pest



Dr. Janet J. Knodel

Management (IPM) Program and co-edits the NDSU Extension Service Crop & Pest Report. Her applied research focuses on IPM strategies (cultural control, biological control, host plant resistance and chemical control) for insect pests of canola, cereal grains, potato, soybean and sunflower.



Glyphosate-Resistant Horseweed and Kochia: Identification and Management in the

MonDak

Wednesday, February 8 at 1:30 pm
Dr. Clair Keene
NDSU Area Cropping
Systems Specialist

Clair received her Ph.D. in Agronomy with an emphasis in Weed Science from Penn State University in August of 2015. She received her undergraduate degrees from lowa State University. Dr. Keene arrived in North Dakota in February of 2016 and is working at the Williston Research Extension Center as an Area Extension Specialist in



Dr. Clair Keene

Cropping Systems with NDSU Extension Service. Dr. Keene is currently engaged in research projects focusing on reclaiming saline soils with perennial forages and expanding herbicide options in safflower. Her extension program is under development, but she enjoys working with farmers on weed management questions and diversifying crop rotations for both pest management and profitability.

Insects - Good and Bad

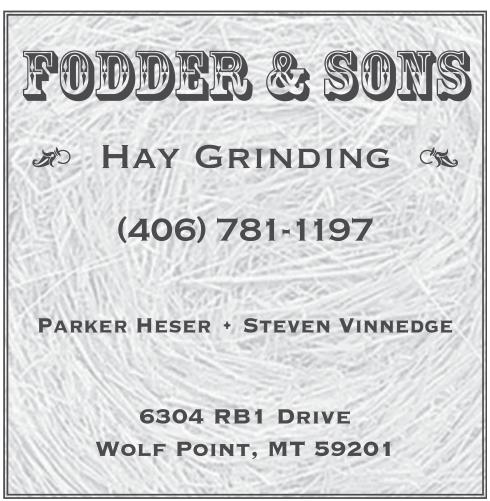
Thursday, February 9 at 2 pm

Dr. Travis
Prochaska
NDSU North
Central Research
and Extension
Center Area
Extension
Specialist

Travis has a B.S. in organismal biology from Concordia University Nebraska (2009) and a M.S. in entomology from the University of Nebraska-Lincoln (2011) where his studies focused on soybean host plant resistance to the soybean aphid. He earned a Ph.D. in entomology from the University of Nebraska-Lincoln (2015) focusing on switchgrass host plant resistance to cereal aphids. specifically Greenbug and Yellow Sugarcane Aphid.

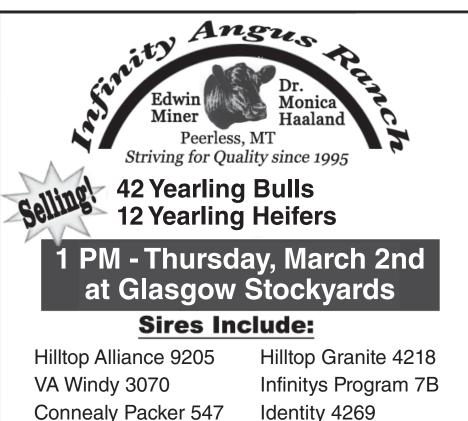


Dr. Travis Prochaska









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A Steak in Ag

A Monthly Report by R-CALF USA

R-CALF USA may be defined as a non-profit producer organization, but our work benefits anyone who eats meat and lives in an economy that includes agriculture. We're more than a producer organization; we're your organization!

Recently USDA's Grain Inspection, Packers and Stockyards Administration (GIPSA) proposed a set of rules to implement key provisions of the Packers and Stockyards Act of 1921 (PSA). The Fair Practices Rules (aka GIPSA rules) are intended to facilitate competition in the livestock and poultry markets. First proposed in 2010, the rules met fierce opposition by meatpacker lobbyists who succeeded in blocking them through several back-to-back appropriations bills.

The U.S. cattle industry is declining at an alarming rate. More than half a million cattle farms, ranches and feedlots have exited the industry since 1980, the size of the U.S. cattle herd recently hit a 60-year low, and the volume of beef produced from U.S. cattle has fallen to a 20-year low.

This decline is not the result of any natural phenomenon or legitimate economic force; it's the result of a failure to use the laws we have to protect competition. The new rules are aimed at implementing those critical protections. They do this by clearly defining the rules of competition and by allowing producers to enforce those rules. This means that producers will no longer have to wait for the federal government to act when they see that the rules of competition are being violated.

A Montana federal judge recently released an initial ruling agreeing with R-CALF USA that the U.S. Department of Agriculture's Beef Checkoff program violates the First Amendment. U.S. Magistrate Judge John Johnston recommended that the

district court halt the transfer of money to the Montana Beef Council, in a decision that could have national implications.

The Government has 14 days to object to the Magistrate Judge's recommendation. Should the district court uphold Judge Johnston's findings and recommendations, a preliminary injunction would be issued to ensure that Montana cattle producers' money did not fund the beef council's private speech without their consent while the lawsuit proceeds on its merits.

We are encouraged by the recommendation, even though it is still subject to the district court's review, because it marks the first time in well over a decade that anyone within any of our three branches of government has agreed to take a critical look at our complaints regarding the illicit operations of the beef checkoff program.

Our checkoff-related complaints regarding misappropriation of funds, conflicts of interest and unlawful checkoff operations have been repeatedly and summarily ignored by Congress and the executive branches of government for many years. We're thankful for the opportunity to have our concerns heard by an independent branch of government that is not influenced by the intense, high-dollar lobbying efforts of the multinational meatpackers and their so-called producer-group allies.

For additional information on any of the topics mentioned, please visit www.r-calfusa.com.

R-CALF USA is funded solely by donations and membership dues. Please consider becoming a member and giving a donation. For more info or to join, go to www.r-calfusa.com, 406-252-2516.

Eastern Montana Sheep Symposium Feb. 13

By Tim Fine

If you are like me, when the term livestock producers in Richland County is mentioned, your thoughts almost immediately turn to our ranchers who are working with cattle every day. And while our cattle ranchers certainly make up a large portion of the livestock inventory in our county, we still have a fair amount of sheep producers who often times get little or no attention or thought. In February, Richland County will be hosting the Eastern Montana Sheep symposium to hopefully bring some much needed educational programming and shed some light on our other livestock producers in the county.

The plans are still in the works and logistics are being ironed out, but for the most part the schedule is confirmed. The Eastern Montana Sheep Symposium will be held Monday, February 13 here at the meeting room at the Richland County Extension Office. This program will begin at 10:00 AM and end around 3:00 PM with a lunch provided. The exact schedule is still being hammered out, but the topics will include; Ewe Body Condition Scoring and Late Gestation Nutrition, Alternative Feed Stuffs, An Update from the Montana Wool Growers Association (MWGA), Results from a Trace Mineral Study, Integrated Pest Management, and Marketing.

Speakers for this event include Dr. Whit Stewart who is our MSU Extension sheep specialist; Colleen Buck, the Agriculture/4-H Extension Agent in Sheridan County, Chad Page, a masters in science degree student at MSU working on trace mineral supplementation in growing ram lambs; Sam Ortmann a district director with MWGA; and Larry Prager with Center of the Nation Wool in Belle Fourche.

Consider this your "save the date" announcement with more details and a complete schedule to come. There will be a charge at the door as lunch will be provided but all of those details are still being hammered out.

It is my hope that we will be able to fill the meeting room for this event which, to

my knowledge, has not been held in Richland County previously. If you are a sheep producer, are looking at getting into the business, are looking at diversifying your operation, or are just generally curious about what it takes to raise some sheep, you are encouraged to attend. As always, if you have questions, you are welcome to give me a call at 433-1206 or send an email to timothy.fine@montana.edu.



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MSU Extension Offers Free Farm Management Workshops

From MSU News Service

Montana State University Extension economists George Haynes, Kate Fuller and Eric Belasco will offer free farm management workshops in four Montana communities in February and March.

ND USDA Farm Service Agency names Brian Haugen as Acting State Executive Director

Beginning Jan. 20, Brian Haugen will serve as the Acting State Executive Director of the United States Department of Agriculture (USDA) Farm Service Agency (FSA) in North Dakota until the permanent appointment is made to that position.

Brian Haugen, a Hawley Minn. native and a 1986 Animal Science graduate of North Dakota State University began his career with the Farm Service Agency in 1987 where he entered in the County Operations Trainee Program. Later that year he became a County Executive Director in Lakota, ND for the Nelson County FSA Office. In 1993 he took a position with the North Dakota State FSA Office in Fargo working as a Program Specialist in the Price Support Division and in 2009 he was selected as the Program Director in the Price Support Division and continues serving in that role.

"The Farm Service Agency will be in good hands with Brian serving as Acting State Executive Director," said Aaron Krauter, outgoing ND FSA State Executive Director. "His 30 years of veteran experience in the FSA State and County Offices and his overall agriculture upbringing, involvement and knowledge will ensure the ND Farm Service Agency continues business as normal during this transition period."

"I look forward to the opportunity of serving in this temporary role for North Dakota FSA", noted Haugen. "Because of the excellent and experienced staff we have across the State of North Dakota, it should make this transition process pretty smooth for everyone involved."

The two-and-a-half day workshops will cover: risk management, focusing on crop and livestock insurance; grain and cattle marketing, focusing on hedging, forward contracting and other marketing alternatives; finance and accounting, focusing on recordkeeping and financial analysis; and agricultural policy, focusing on farm programs and changes in farm policy. Video presentations will address estate planning and crop and livestock production issues.

The farm management workshops will be held at the following locations on the following dates:

- Sidney, March 13-14, at Richland County MSU Extension, 1499 N. Central Ave.
- Wolf Point, Feb. 20-22, in the Dumont Building, Fort Peck Community College, Wolf Point campus
 - Lame Deer, March 2-4, at Chief Dull Knife College, Room 2015, 1 College Dr.
- Browning, March 7 (risk management and cattle marketing only), in the Black-feet Tribal Conference Room in the Roland Kennerly Building (the new addition northwest of the Blackfeet Tribal Office), Government Square

Participation in the Wolf Point, Lame Deer and Sidney workshops will satisfy the requirements for Farm Service Agency production and financial management training. There is no cost to attend the workshops.

To register, contact Keri Hayes at (406) 994-3511 or khayes@montana.edu or George Haynes at (406) 994-5012 or haynes@montana.edu.

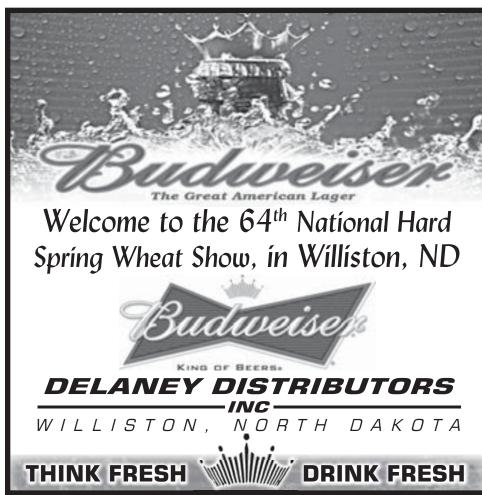
4-H Sewing Program Gets a Boost

The Richland County 4-H sewing program just got better. The 4-H council voted to fund money to purchase new sewing machines. Quilts & More provided an opportunity to purchase 2 machines and then generously donated 2 more to the sewing program. **Pictured are Nancy VanHook** from Quilts & More, Emma Torgerson- 4-Her and Amy Conlin representing the 4-H Council. These will be put to good use in the monthly



sewing classes held. Thank you to Quilts and More for your continued support of the Richland County 4-H Program. Anyone interested in the 4-H program should contact the Richland County Extension Office at 406-433-1206 or email to jevenson@montana.edu.









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