

## Ag Days Schedule, Entertainment Announced

### By Dianne Swanson

Richland County Ag Days will take place Thursday, January 9, 2014. Organizers plan to kick off the day with the Chamber breakfast and then go right into the educational sessions which will focus on agronomic topics and livestock production. There will also be a tour, whether actual or virtual. Thursday morning's speaker is Dr. Hanson, who will speak on "Farm Business Ownership, Family Succession and the Transfer of Business Management to the Next Generation". His talk will start at 8:30 a.m. and conclude about noon.

Friday, January 10, Richland County Extension will host the family program consisting of horticulture and other timely topics at their facility just north of Sidney.

Details on the Thursday afternoon sessions and Friday's program will be published in The Roundup as soon as they are available and in the January Ag Roundup.

The Richland County Fair Event Center will be filled on Thursday with exhibitors from a wide area featuring the best in agricultural products and services. Booth applications will be mailed out soon. Anyone who has not exhibited before, or who has questions, is asked to call Richland County extension agent Tim Fine at 406-433-1206.

The banquet Thursday evening will feature great food, and speaker Amanda Radke. Radke is a rancher, ag advocate, author and blogger from Mitchell, South Dakota. She writes for several magazines and posts to four or five blogs on a regular basis. She is also the author of the children's book "Levi's Lost Calf". FFA, which will celebrate its 75th Anniversary, will also be included in the evening's festivities.

Ag In The Classroom will be held on Friday, January 17. Ag Days committee members are excited about this year's event and encourage everyone to "save the date".



Amanda Radke will be the guest speaker at the 2014 Ag Days Banquet.

## 38TH ANNUAL WINTER SALE!

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SALE ENDS DEC. 31

## JUST A SAMPLE OF WINTER SALE DEALS!



CaselH 9390 Was: \$99,500 Sale: \$85,000



**JD 9600 Sale:** \$35,000



JD 7720 w/224 Was: \$14,500 Sale: \$7,500



**Artsway 9420 Was:** \$19,500 **Sale:** \$10,000



**Artsway 690** Was: \$12,500 Sale: \$7,500



**RR 624N** Was: \$6,500 Sale: \$3,000



WIC R DEF Was: \$12,500 Sale: \$7,500



Flexi Coil 5000 Was: \$42,500 Sale: \$20,000



**Rem 552 Vac** Was: \$5,500 Sale: \$2,000



NH BR780 Was: \$16,500 Sale: \$10,000



Vermeer 605M Was: \$21,500 Sale: \$15,000



**Brandt '110' Sprayer** Was: \$11,000 Sale: \$7,500

## SUNRISE EQUIPMENT

## Irrigation Workshop - Maximize Your \$\$\$

This past growing season came with several issues for growers from getting the crop planted in dry conditions to wet conditions causing some disease issues. Crop rotation and diversity are considerations producers must think about while managing their farm operation. One of the biggest question marks in irrigation is how to achieve consistency in crop management and yields along with maintaining quality. To address some these questions, an irrigation workshop has been developed emphasizing research taking place in the region and specific management practices. The workshop will be held on Wednesday, December 18th, at the Williston Research Extension Center (Ernie French Center) starting at 9:30 a.m. (CST). The workshop will start with a talk on soil characteristics and how to determine if the soil is irrigable from Tom Scherer, NDSU Ext Ag Engineer

Specialist. Then discussion will switch to soybean production by Hans Kandel, NDSU Ext Agronomist. Dwight Aakre, NDSU Extension Farm Management Specialist, will present updates on projected profitable crops for the 2014 cropping year. Following lunch, Tyler Tjelde, WREC Irrigation Agronomist, and Jim Staricka, WREC Soil Scientist, will provide an update on the Nesson Valley irrigation research site and highlight a couple research projects on water management. And finally there will be an industry update from irrigation representatives on the latest technology to improve water management. There will be a noon lunch sponsored by Mountrail-Williams Electric Cooperative. Agri-Industries will be sponsoring the breaks during the workshop. If you have any further questions, please call Chet Hill, NDSU Extension Area Ag Diversification Specialist, at (701)774-4315.

## Land Use Regulations Series – Did You Know?

## **Agricultural Covenant**

### By Marcy Hamburg, Richland County Planner

Richland County is enriched with a vast number of farms that are also located in the irrigated valley along the county's eastern boundary. Throughout Richland County the majority of the land is agricultural.

Over the years many parcels or lots were created using an agricultural exemption from Montana's subdivision laws. Why? Because an agricultural exemption is a quick and easy way to divide off a parcel. However, to use the agricultural exemption, agricultural covenants are placed on these parcels.

Agricultural covenants are placed on the parcels pursuant to State statute Title 76 "Land Resources and Use" Chapter 3 "Local Regulations of Subdivision" Part 207(1) (c) "to divisions made outside of platted subdivisions by gift, sale, or agreement to buy and sell in which the parties to the transaction enter a covenant running with the land and revocable only by mutual consent of the governing body and the property owner that the divided land will be used exclusively for agricultural purposes".

Prior to development or construction of a parcel you will need to find out whether or not the parcel has an agricultural covenant due to the fact that these parcels

can only be used exclusively for agricultural purposes.

If the parcel has an agricultural covenant, in order to change the land use it will need to go through the subdivision review process. Pursuant to State statute Title 76 "Land Resources and Use" Chapter 3 "Local Regulations of Subdivision" Part 207(2)(b) "a change in use of the land exempted under subsection (1)(c) for anything other than agricultural purposes subjects the division to review under parts 5 and 6 of this chapter".

Part 5 outlines the process and requirements the local government follows to adopt subdivision regulations. Part 6 outlines the subdivision review process.

The Richland County Subdivision Regulations as adopted by the Board of Richland County Commission are available at the Office of Richland County Planner and on the Richland County website at www.richland.org.

The County Planner Office will be releasing a series of land use articles to provide the public with information relating to the land use requirements and regulations. For more information or assistance contact the office at 123 W Main ST, Sidney, MT 59270 or call (406) 433-6886.

## LOWN FAME SHAWAING AWAILABLE OF ALL NEW CASE IN EDITIPHENT







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Farmall 45 BCVT







Magnum 210 CVT

Precision Spray 100 & 160

CaselH 8230 Combine

### USED TRACTORS 2009 CaselH Puma 155, 3200 Hrs, L760 loader & grapple, MFD, suspended front axle, fast steer, 3 pt., very good condition... **SO, LO** 1979 JD 4840, 3 pt, PTO .....\$22,500 2008 CaselH 435 Steiger, 710 duals, full auto guidance, HID lights, luxury cab, 1987hrs.....\$210,000 1982 JD 4440, 3pt, 3 remote, quad range, new paint, duals, 11631hrs.....\$25,000 2005 CaselH MX255, MFD, 3pt, 3638hrs, 480/80R42 Duals w/ CaseIH LX780 loader & grapple ......\$108,000 Bobcat T190 track loader, cab, auxiliary hydraulics, 2002hrs...\$22,000 IH Hydro 70, gas engine, new tires, dual loader, grapple..........\$10,000 **USED MISCELLANEOUS** 2008 FarmKing 10x72 auger ......\$9,500 2009 Rem 3700 Grain Vac, good condition, 120 hrs. .....\$23,000 Farmhand 25' mulcher .......\$11,500 (2) John Deere 2700 disc grippers, 7 shank ............ \$22,000 each **USED SEEDING & SPRAYING** Concord 4710 Drill, 3000 tow behind cart, hydraulic drive....\$30,000 2005 Brandt 2SB4000, suspended boom, 90', 1500 gal, tank ......\$25,000 2005 CaselH SPX 4410 self propelled sprayer, 1200 gal., 90'

	Monosem 6 row, 24" planter	
•	USED HARVEST EQUIPMENT  2005 MacDon 963 Draper head, 35', bat reel, no transport, gauge wheels	
	<b>USED HAYING EQUIPMENT</b>	
	2006 RBX563 Round Baler, wide pickup, mesh wrap,         endless belts, 8,000 bales, good cond.       \$26,000         1999 CaselH RS561       \$12,500         1995 CaselH 8465       \$8,995         1994 CaselH 8480 Softcore       \$6,995         1990 Hesston 560 Round Baler       \$5,500         CIH RBX 563 baler, mesh, wide pickup       \$25,000         2008 CaselH RB564 round baler, 8700 bales, mesh wrap,       wide pickup, endless belts, hydraulic pickup lift, central lube       \$29,900         2003 CaselH RBX562, MeshWrap, Like New       \$24,500         Haybuster 2640 Bale Processor, 1000 PT0       \$8,900	
	USED MOWERS  Artsway Belly Mower, 6', mounts for a Farmall C Consigned Grasshopper 618, 52" Deck, Bagger\$4,500  Dixie Chopper LT 2500, 50" Deck\$5,500	

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booms, Raven Auto Trac, 5700 Hrs, consigned ......\$95,000 Summers 2pt sprayer, 88' booms, 500 gal tank, Dickey John

# Threshing Bee Members Hope to Capture Nostalgia of Yesteryear

### By Jaimee Green

There is perhaps no state that can boast more Western grit, gumption and panoramic nostalgia than Montana. It is a place known for its vast open spaces, abundant natural beauty and time-kept appreciation for the ways of yesterday. From the wooden homesteader cabins and barns dotting the wind-blown prairie to the remnants of bygone farming equipment, its rural setting can captivate homegrown farming community folk and city slickers alike.

And for those who call the Treasure State home, it's darn important to keep those enduring pioneering traditions of long ago and the stories told by those who lived during that time, alive and well. That was the mindset that kept the original charter members of the Northeast Montana Threshers Association going. Since then, 50 years have gone by. Yet, today the Association is strong. And they are always looking for more interested members.

It was their appreciation for the way previous generations worked the land that helped them celebrate their 50th Anniversary this past summer during the annual Culbertson Threshing Bee. The weekend long September event has long been an opportunity for its members to showcase their historic collection of tractors and farming equipment dating back as far as the mid 1800s.

The Association began as a group of less than 20 people and over the years has grown. "We were just a small group of people that all had an interest in the older machines. We grew up with them and watched our parents and grandparents use them on their farms. There were other groups that had started associations and we felt like we could do something like that too," recalls Rodney Iverson, a Charter Association Member.

Part of their mission is to get younger generations interested in learning about and preserving the area's rich farming history. The annual Threshing Bee enables youngsters and patrons an opportunity to see the aged machines up close, feel the rusty uneven metal and hear the churn and chug of the engine and its wheels. "Our Association wants to leave a lasting impression on everyone who sees old tractors. We want them to see the colossal conglomerations of metal off in a field and connect with it and understand what the earlier generations had to do to ensure they ate," said David Krogedal, President of the Association.

Commemorative buttons are still available from the September event. If you would like one, please contact Rodney Iverson at 787-5265.

## MSU Crop and Pest Management School Set for Jan. 2, 3

#### Submitted by Kevin Wanner

A two-day workshop covering a variety of topics related to crop production in Montana will be held Jan. 2 and 3 at the Burns Technology Center at Montana State University.

Guest speaker at the 2014 MSU Crop and Pest Management School will be Daren Mueller from Iowa State University, editor of the book "Fungicides for Field Crops," published in 2012 by the American Phytopathological Society.

The Crop and Pest Management School will also include a panel discussion on corn as a potential crop in Montana. Eleven MSU staff members from four departments will cover topics in weed, disease, insect and nutrient

management, as well as pollinator safety.

Since enrollment is limited, those who wish to attend the school are encouraged to register now. The \$195 fee will provide workshop supplies, morning and afternoon refreshments, parking and the traditional pizza dinner at Colombo's.

Crop consulting (CCA), private pesticide applicator and commercial/government pesticide applicator credits will be available.

For the schedule and instructions about registering, go to http://plantsciences.montana.edu/mtproducerinfo.html

For more information, contact Kevin Wanner at kwanner@montana.edu.



## SUNDAY, DECEMBER 15, 2013 2:00 P.M. CENTRAL TIME

+/-168.3 TOTAL ACRES AVAILABLE (which includes +/-10 Acres of Irrigation)

#### MISSOURI RIVER FRONTAGE



## SALE **LOCATION:**

**Grand Williston Hotel** & Conference Center (formerly the Airport International Inn) in the Roosevelt Room Hwy 2 & Hwy 85 N 3601 2nd Ave W Williston, ND (701)774-0241



#### PREMIER HUNTING PROPERTY

OWNER: Mark Morin whose address is Presque Isle, Maine will offer the following property at auction. The final bids will be subject to his approval. The Owner reserves the right to accept or reject any and all bids.

PROPERTY LOCATION: From Fairview, MT—Take Hwy 200 E for 1 mile, turn left on Hwy 58 for 8 miles.
From Williston, ND—Take Hwy 2 W for 5 miles, turn left on Hwy 1804 W for

16 miles (you pass through Trenton) turn left on Hwy 58 S for 1.6 miles.

THIS PROPERTY IS LOCATED IN MCKENZIE COUNTY, NORTH DAKOTA. IT LIES ON BOTH SIDES OF HIGHWAY 58 ON THE SOUTH SIDE OF THE MISSOURI RIVER (AT THE BRIDGE).

+/-168.3 Acres of Prime Hunting Property w/Missouri River Frontage w/many trees, cattails, many, many deer and pheasants. Property owner is eligible for a resident gratis hunting license, or non-resident land-owner license. +/- 8643 feet of River Frontage.

**LEGAL DESCRIPTION:** The legal description is too long to print.

WILDLIFE & RECREATION: This land provides for an abundance of wildlife. There are trophy whitetail deer, geese, ducks, turkeys, and pheasants on this property. Approximately  $^3\!\!/\!_4$  mile to the Confluence of the Yellowstone and Missouri Rivers with a boat dock. Great fishing for Sauger, Walleye and

WATER RIGHTS: Any water rights held will transfer.

MINERAL RIGHTS: No mineral rights will transfer

NOXIOUS WEED: The presence of noxious weeds is not known. Prospective buyers are encouraged to inspect the property to their satisfaction prior to the auction.

TAXES: Taxes will be prorated from the day of closing.

TITLE: An updated abstract of title will be provided for examination. Buyer will pay for an Attorney title opinion.



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TERMS: Cash. 20% down sale day, the balance due at closing within thirty days or less at the office of John MacMaster, Williston, ND 58801 (701) 572-

BUYERS PREMIUM: A 2% Buyers Premium will be added to the winning bid price to arrive at the total contract price paid by the purchaser.

Your bid is considered acceptance of the terms of this auction. If you, the Buyer fails to close, the down payment is non-refundable. If the Seller fails to close, 100% of the down payment will be returned. At this time, there is no known reason that the Seller would not be able to close. All funds are held in the escrow account of John MacMaster, Williston, ND 58801 (701) 572-

All information is from sources deemed reliable, but is not guaranteed by the Seller or the Auctioneers. Offering is subject to error, omission, and approval of purchase by owner. We urge independent verification of each and every item submitted to the satisfaction of any prospective buyer. It is every potential bidder/purchaser's sole responsibility to accomplish his or her due diligence in whatever manner he or she deems advisable.

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## BeefTalk: How Well Did the Bulls Do?

## In some cases, bulls do not adapt well to the cows or pasture.

## By Kris Ringwall, Beef Specialist NDSU Extension Service

The life of a bull is not simple because, for the most part, his life is somewhat confrontational. The other day while reviewing the bulls, two of the bulls still were sparring for dominance. They have been out of the pasture for almost two months, but they still seem to find the energy to spar.

Too often, bulls are penned and the rest of the fall activity goes on, so we forget to check on the bulls. However, the Dickinson Research Extension Center evaluates bulls critically following breeding. Bulls that have a high risk of not passing next spring's breeding soundness exam are sold.

The science of aging probably would indicate that the old bulls still are sound and good for another year. Unfortunately, oftentimes their attitude changes as well. The probability that a bull may consider a human as just another bull that needs to be put in his or her place is very real.

A bull's increasing temperament and the fact that a bull easily can add on another 300 pounds each year makes culling bulls a practical decision. The old bulls go to town and yearling bulls that are not holding up their end of the bargain are neutered and sent to the feedlot.

If the truth be told, bull performance, in combination with fall pregnancy checking, is much like the old report card. Bulls that did not perform are accounted for. However, bull effects that are detectable at pregnancy evaluation often are overlooked because many times cows are exposed to more than one bull. The cows also often are bunched, so the individual mating groups may not be evaluated.

However, when the cows are evaluated, male fertility problems will show up. I can think of one previous example at the center when a single-sire mating group went unnoticed. The bull was not breeding, so nothing was bred. It was a bad day. The excuse was that these cows were in a far pasture, but the lesson learned was to spend more time observing cows.

This year, the center has been pregnancy checking the brood cows as the calves are weaned. The results have been good to excellent. However, there was one group of 41 cows that was not so good. Even prior to weaning, the center already knew that the two yearling bulls were not working well.

One bull had suffered a broken penis. The assumption was that the other bull would cover the cows. That obviously was not a very good scenario during the breeding season, and the center staff was a little nervous about the second bull. Sometimes, that sixth sense is true.

The bulls were turned out on July 31 and the injured bull was pulled on Sept. 3, but a replacement bull was put in the pasture on the same day.

After evaluating the ultrasound results for pregnancy, the two original bulls only conceived seven pregnancies the first 21 days of the breeding season. During the second 21 days of the breeding season, prior to replacing the injured bull, 13 conceived in 13 days. When the replacement bull was added, 15 cows conceived in eight days.

In total, 28 cows conceived in the second 21 days of the breeding season and three additional cows conceived at the beginning of the third 21 days of the breeding season. Three cows were open, for a total of 41 cows, so the bulls apparently did not do well.

In summary, during the first 21 days of the breeding season, only 17 percent of the exposed cows conceived. During the second 21 days, 68 percent of the exposed cows conceived. Finally, during the third 21 days of the breeding season, 7 percent of the exposed cows conceived.

Obviously this was a reproductive issue that could be a bull or cow problem. However, when compared with all the other groups that were being evaluated for pregnancy, this particular set of cows obviously was low. The problem was more than likely a bull problem because the bulls were not breeding even before the one bull was injured. Why? Who knows?

The bulls were evaluated and passed their breeding soundness exam. They were phenotypically good bulls and structurally sound. There was no indication that they would have a questionable breeding performance. The bottom line is that, despite all the good science and husbandry, that sixth sense needs to take over sometimes.

In some cases, bulls do not adapt well to the cows or pasture. They may have no natural desire to mate or are just not very sexually aggressive.

Like many things in the beef business, the collection of data is slow and tedious. Many times, as in this case, the data comes in long after the optimum time to do something about the situation. However, it is never too late to review and rethink for next year.

Check the bull pen, read the pregnancy report card and cull those bulls or cows that do not meet your expectations.

May you find all your ear tags.

For more information, contact Ringwall at 1041 State Ave., Dickinson, ND 58601, or go to http://www.ag.ndsu.edu/news/columns/beeftalk/.

(Ringwall is a North Dakota State University Extension Service livestock specialist and the Dickinson Research Extension Center director.)

## WSC's Ag Department Prepares for 4th Annual Carcass Challenge

#### By Tieheena Shank

The Ag Department at Williston State College is getting ready for the 4<sup>th</sup> annual Carcass Challenge. Students in the program take calves donated from area livestock producers to Hovde Feedlot in Arnegard, feed them the same rations, and weigh and process them monthly and study the data. When they are ready to be processed, they are brought to Prairie Packing and sold as quarters, halves, or wholes. The proceeds fund the Ag Ambassador program.

The Ag Ambassador program helps communicate the importance of agriculture in our area. "Students interested in agriculture will go out in a leadership fashion and promote agriculture," said Kim Murphy, Ag instructor at WSC. "It's agriculture advocacy."

Those interested in donating a calf to the Carcass Chal-

lenge have from now until December 30th to do so. In addition to supporting the Ag Ambassador program, a donation has many benefits for livestock producers, including gaining valuable data on the genetics of their calf. "When they are processed, we take the data and get quality grades on the carcasses," said Murphy. "We give out awards for the best gainer and the overall best carcass data."

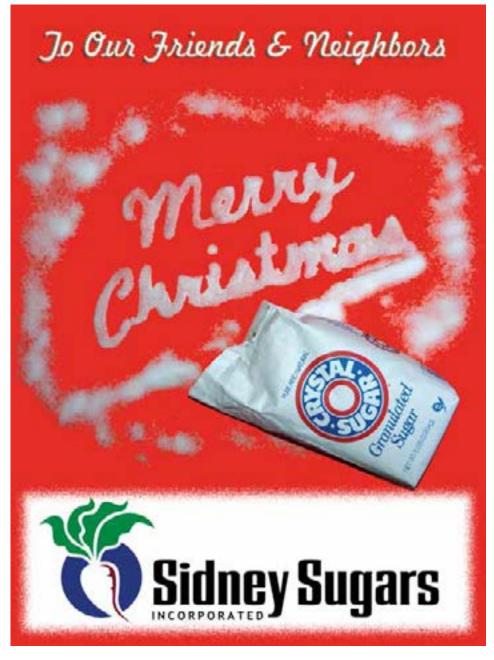
Awards are given out during a special event hosted by the Ag Department called "Cowboy Christmas." This year's event will take place on December 7<sup>th</sup>. It is open to the public and donors receive free tickets to the event. Cowboy Christmas will include a prime-rib supper and live entertainment, and the National Finals Rodeo will be shown live on the big screen. Awards will be given out for last year's donors.

Those who donated to the 3rd annual Carcass Challege are: Aaron and Shelbley Jacobson of Noonan; Emmet O'Neil of Columbus; Bradley Rosenquist of McGregor; Jonathan Enget of Stanley; Helen Glasoe of Wildrose; Mark and Shelley Ellis of Williston; Brandon Erickson of Powers Lake; Gary Tande of Battleview; Curt and Nancy Severson of Cartwright; Lynn and Nathan Hovde of Arnegard; and Lee and Kim Murphy of Williston.

A number of donors have donated a calf to every Carcass Challenge: Aaron and Shelbey Jacobson, Noonan; Mark and Shelley Ellis, Williston; Curt and Nancy Severson, Cartwright; and Lynn and Nathan Hovde, Arnegard.

A special thanks goes out to all donors who have made the Carcass Challenge a success. Murphy would also like to thank Bradley Rosenquist, a former student who has been an important part of the success of the Carcass Challenge. "He is the reason this program is still going because he has found a lot of our donations and he picks them up and delivers them for us. He even donated a steer last year," she said. "He's been great."

More information on the Carcass Challenge can be found at <a href="https://www.willistonstate.edu">www.willistonstate.edu</a>, by calling Kim Murphy at (701)774-6226, or by visiting the WSC Ag Department Facebook page at <a href="https://www.facebook.com/wscag">www.facebook.com/wscag</a>. For other information regarding Williston State College, visit <a href="https://www.willistonstate.edu">www.willistonstate</a>. edu, call (888)863-9455, or stop by 1410 University Avenue, Williston, ND.



## Dynneson Family Carries On Tradition of Team Driving



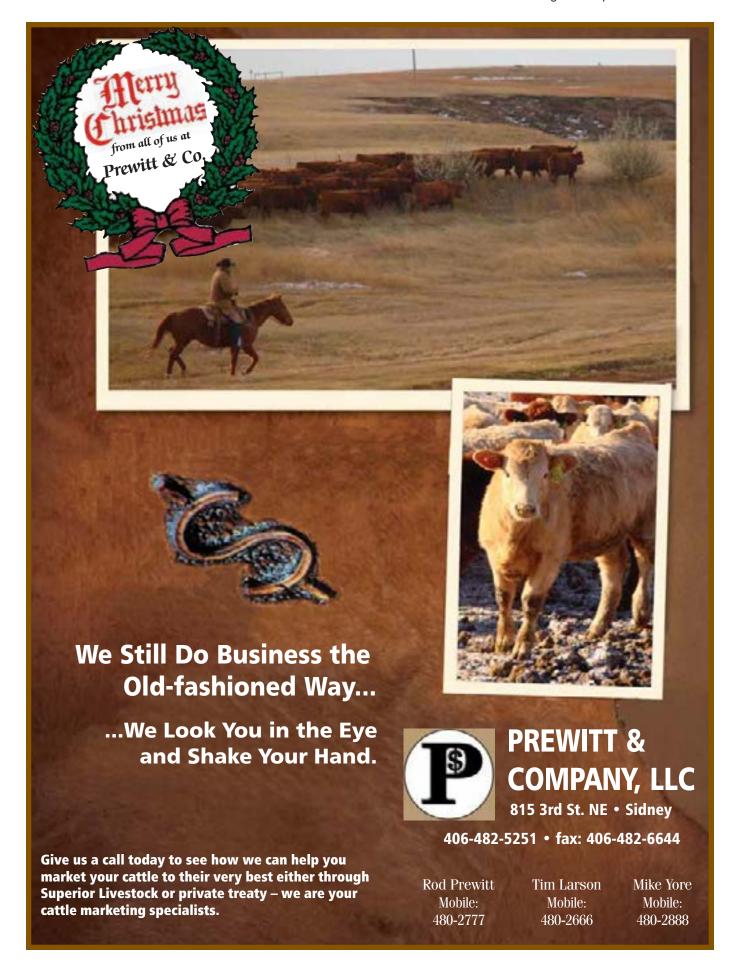
The Dynnesons (L-R: Sherman, Katelyn and Colter) driving their team and wagon at the Richland County Fair.

#### By Jaimee Green

Katelyn Dynneson can see it perfectly in her mind. The brilliant strands of white and colored lights. The misty steam of her horses' breath against the frigid night air. She can hear the loud ringing of jingle bells dangling from their torsos, intermixed with Christmas music blaring from IPods connected to makeshift sound systems. What better place for two draft horses to pull an old style wagon than a parade during one of the most festive times of the year!

She plans to showcase her team of horses and wagon during the annual Sidney Parade of Lights. In it, she will pull her grandfather's fully restored prairie covered wagon. Right now she's busy working with her horses in an effort to get them ready for the big event following the brief hiatus that followed after a summer of driving and training her team. For Dynneson, her team of horses symbolize the value of family and carry on a tradition and love of everything equestrian that dates back to her grandpa Sherman. When she was younger, she fell in love with his team of Belgians known as Mac and Queenie who starred as the family's entertainment for years, taking them on enjoyable rides in the country. "Our family always had a lot of horses. The quarter horses we used for work but the draft horses were always just for pleasure. There's just something special about draft horses," Dynneson said.

Today, she has her own team consisting of two sister Norwegian Fjords, Kate and Hannah. They were already raised and trained together so getting them to work well together came naturally. Meeting them, it was love at first sight. She purchased them from a friend after going on a wagon ride. Smaller in stature than her grandpa's horses,





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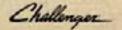
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## The Roundup Harvest Festival Winners





## Harvest Festival Artwork Winner

Above: Dani Berry, a 4th grader at East Fairview School, was the winner of The Roundup's Harvest Festival artwork contest. She received her artwork, nicely framed by Ribbon & Rail, and a collection of fun art supplies.

## Harvest Festival Drawing Winner Left: Steve Smart of Sidney was the

Left: Steve Smart of Sidney was the happy winner of the \$500 Farm & Home Supply gift card courtesy of The Roundup. Smart registered at Eagle Country Ford during the recent Harvest Festival.

## New Report Finds Oil and Gas Regulations Do Not Protect Local Residents And Communities

### Submitted by Kevin Dowling

A new report released today during a teleconference by Western Organization of Resource Councils (WORC) shows how regulatory systems are failing to protect residents and communities from the harmful effects of oil and gas development.

The report, Watered Down, identifies and examines the dangers to water quality posed by oil and gas production in Colorado, Montana, North Dakota, and Wyoming.

"Our members, mostly rural ranchers and farmers, are being showered with pollutants, running dry of safe water, and watching crops in the fields their great-grandfathers worked die of salt leaching," said Bob LeResche, a member of the Powder River Basin Resource Council and WORC spokesperson from Clearmont, Wyo.

LeResche said the report documents blowouts, pipeline breaks, increasing radioactive waste, and saltwater contamination of both water and soil in the four states, including the benzene-laden spill in Parachute, Colo., the massive oil pipeline spill near Tioga, N.D., the oil well blowout in southern Wyoming, and the new hazardous waste landfill in eastern Montana servicing radioactive drilling waste from North Dakota.

Increased exploration and production activity in the region has led to more threats to rural residents, especially through spills at well sites, reserve pits and pipelines.

"From 2009 to 2012, Colorado has averaged better than a spill a day," noted Bob Arrington, a member of the Western Colorado Congress from Battlement Mesa, Colo.

Failure to control oil and gas, as well as waste products from the drilling process, can lead to soil and water contamination.

"Along with many others in western North Dakota, I drink water from Lake Sakakawea," said Theodora Bird Bear, a Dakota Resource Council member from Mandaree, N.D. "With 13 oil pipelines and over 200 laterals crossing the bottom of the lake, I expect it is a matter of when, not if, there is a major spill."

"The extraction processes, transporting methods, and disposing of the associated waste are an imperfect process that will eventually result in more cases of contamination and pollution," said Terry Punt, a rancher from Birney, Mont., and a member of Northern Plains Resource Council. "This is why our states must have stricter standards, increased transparency, and less self-monitoring."

The report's findings are:

Oil and gas drilling uses massive volumes of water and produces massive volumes of waste.

No federal law sets comprehensive standards for oil and gas production.

State regulation is piecemeal.

A movement toward local ordinances to provide better protections could be useful to address local concerns, but the oil and gas industry generally prefers state oversight. Many states discourage or prevent oil and gas regulation at the local level.

The report recommends:

Setting clear and enforceable performance standards, such as wellsite construction, waste stream testing, and waste disposal.

Providing and funding comprehensive monitoring and testing systems, including pipelines.

States should not permit more wells than they can properly oversee. State legislatures should provide regulatory agencies with the personnel and authority to manage oil and gas development.

Agencies should establish, promote, and adequately staff hotlines enabling residents to report problems at oil and gas sites and should respond promptly to calls from residents.

"What is needed are strong, clear, comprehensive and enforceable national performance standards for oil and gas drilling, production and delivery—standards that would help us to protect our communities from the kind of damage outlined in this report," LeResche said. "Critical to the success of such standards are effective monitoring systems, the capacity to enforce the law with fines that will deter carelessness, and outreach programs that encourage the public to report spills and other violations in their often remote communities."

Setting national standards is a "tremendous challenge," LeResche said. "For that reason, we are urging state and local governments to act now to protect their constituents and their natural resources," LeResche said. "Levels of oil and gas production are rising in our region. We cannot afford to wait."

Watered Down is available at www.worc.org.

WORC is a regional network of grassroots community organizations that include 10,000 members and 35 local chapters in seven states.

Dakota Resource Council is a statewide organization of farmers, ranchers, local business people and others working together on energy and agriculture issues.

Northern Plains Resource Council organizes Montana citizens to protect water quality, family farms and ranches, and unique quality of life.

Powder River Basin Resource Council is a grass-roots organization of individuals and affiliate groups dedicated to good stewardship of Wyoming's natural resources.

Western Colorado Congress is an alliance for community action empowering people to protect and enhance their quality of life in Western Colorado.



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† For a list of qualifying purchases, see your local Case IH dealer or visit partstore.caseih.com.

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## Renewable Accounts: Keep Your Eyes on Washington

## Continued competitive pricing of higher blends of ethanol would move a lot of fuel.

By David Ripplinger, Bioproducts and Bioenergy Economist and Assistant Professor NDSU Department of Agribusiness and Applied Economics

I recently mentioned that consumers should begin watching the price of E85 and E10 as we enter a period where fuels with higher blends of ethanol could have a lower cost on an energy equivalent basis. Prices are now within a few cents at my regular gas station in Fargo, and there is at least one station in town where E85 is sold at a significant discount, which is more than enough for one to go out of his or her way to fuel a vehicle.

How long this situation persists depends on a number of factors. Among the most important is an Environmental Protection Agency (EPA) decision that is scheduled to be made by the end of the month. Before I get into the pending decision, a short refresher on the Renewable Fuel Standard is in order.

The Renewable Fuel Standard (RFS) is a federal law that was passed in 2005 and 2007 to support the development of a domestic renewable fuel sector and the use of biofuels. This development is supported by mandating the use of biofuels by type and year through 2022.

The RFS gives the EPA the flexibility to waive annually mandated levels if they would cause economic harm or if a domestic supply isn't available. The EPA has used this power in previous years because the amount of cellulosic ethanol wasn't available in adequate quantities. However, it also has turned down waiver requests, such as one made by the oil and gas industry in 2012. The industry claim was that the drought had reduced the corn supply drastically, and that without a waiver, economic harm would result because of higher food and fuel costs.

About a month ago, the EPA's proposed 2014 RFS levels were leaked. The memo contains a 1.4 billion gallon reduction in mandated renewable fuel use, which in practical terms is corn ethanol. One billion four hundred million gallons is a lot of alcohol and requires 500 million bushels of corn. This is more than North Dakota's production in recent years.

Some of this corn still will be used to make ethanol, used as feed, exported or be in a bin a year from now. The potential impact of a 1.4 billion gallon waiver is significant and bearish for corn.

The EPA's reasoning behind the reduction is that the nation's infrastructure and fleet cannot utilize the mandated

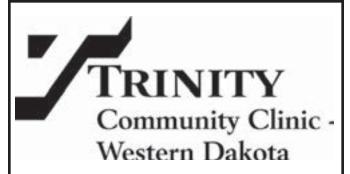
level of ethanol. This is the blend wall issue again.

I find the reasoning difficult to understand. There are more than 10 million flexible fuel vehicles in the nation. Most people don't use higher blends of ethanol at the thousands of stations that have the product available. Continued competitive pricing of higher blends of ethanol would move a lot of fuel.

There are a lot of heated conversations going on in Washington as groups make their case for different mandated levels. It makes sense for North Dakotans, especially those involved in agriculture, to pay close attention,



David Ripplinger, Bioproducts and Bioenergy Economist and Assistant Professor, NDSU Department of Agribusiness and Applied Economics



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\*\*DEADLINE TO SCHEDULE AN APPOINTMENT IS DECEMBER 31, 2013\*\*

## Farm Credit Provides \$170,650 for Western North Dakota Medical & Emergency Services

## Rural Community Grant Fund Supports Communities Impacted by Oil and Mineral Exploration and Production

## **Submitted by Teresa Kjellberg**

Western North Dakota communities received \$170,650 in grants from Farm Credit, including five grants for worthy community projects to support cities and towns impacted by oil and mineral exploration and production.

"North Dakota is now the second largest oil producing state in the United States, bringing both opportunity and challenges to the towns and cities in western North Dakota. These grants represent our commitment to investing in the needs of these communities through the Rural Community Grant Fund," said Bill York, CEO of AgriBank.

AgriBank, Farm Credit Services of Mandan and Farm Credit Services of North Dakota announced the awards under the Rural Community Grant Fund, which has awarded \$845,134 since it began providing grants in 2012. The organizations started the fund to support a variety of infrastructure and development projects that benefit communities in western North Dakota, including affordable housing, medical and fire emergency services, medical facilities and services, and education.

"We are pleased to be a part of the recent round of grant approvals. The needs of oil-impacted regions of western North Dakota continue to be evident from the applications received for Farm Credit's Rural Community Grant Fund. I encourage interested groups to review our websites for background information and forward their applications," said Michael O'Keeffe, CEO of Farm Credit Services of Mandan.

"We continue to be amazed at the impact oil exploration has had on western North Dakota. While this gives us many opportunities, it also comes with many challenges. It is exciting to be part of a company that gives back to the communities and is driven to make a difference for those most impacted," said Claude Sem, CEO, Farm Credit Services of North Dakota. Our mission is to provide products and services that exceed customer expectations.

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Awarded recipients included:

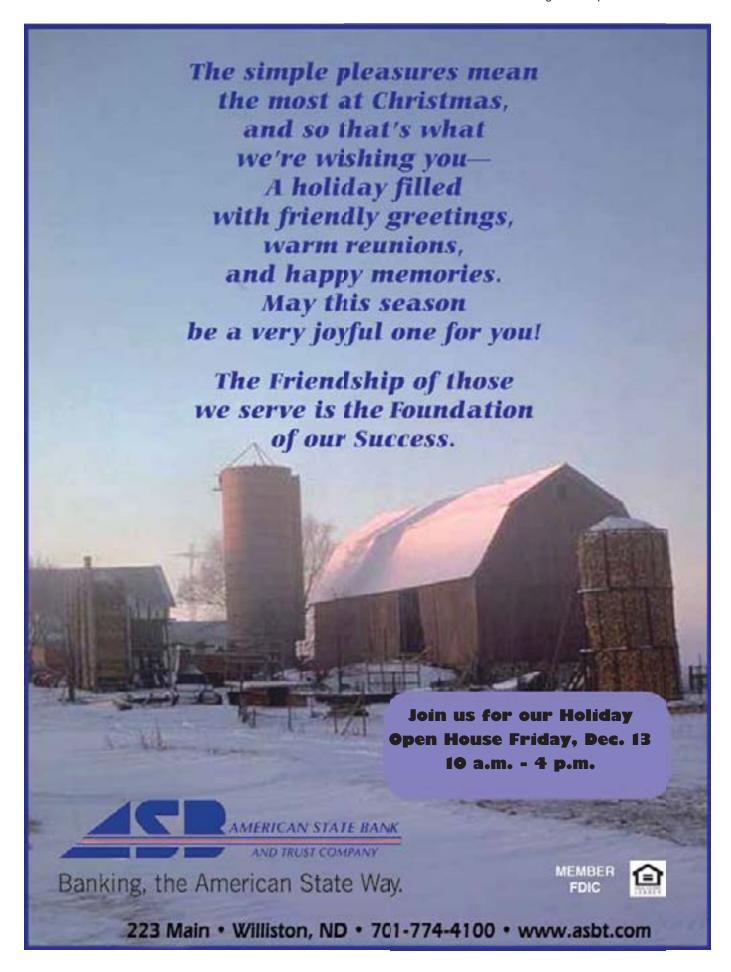
- Southwest Healthcare Services, Bowman: \$30,650 for emergency room and ambulance equipment
- Garrison Memorial Hospital: \$30,000 for emergency room remodel and expansion
- Portal International Fire Department: \$30,000 for a rescue vehicle
- Mountrail County Medical Center, Stanley: \$30,000 for emergency exam room equipment and an EKG machine
- Williston Volunteer Fire Department: \$50,000 for rescue vehicle mounting

The Rural Community Grant Fund is accepting applications for future funding to facilitate infrastructure improvement and development initiatives in western North Dakota. Applications are reviewed three times a year. Interested parties can apply at www.agribank.com. Grants are awarded in, but not limited to, the following areas:

- Multiple-family housing
- Health, safety and environmental projects or programs
  - · Medical facilities and services
  - · Medical and fire emergency services
  - Environmental and conservation efforts
- Programs aimed at development of young leaders in agriculture, economic development or local leadership
- Educational programs for kindergarten through grade 12
  - · Recreational facilities
  - Arts, museums and historical projects.

About AgriBank

AgriBank is one of the largest banks within the national Farm Credit System, with more than \$80 billion in total assets. Under the Farm Credit System's cooperative structure, AgriBank is owned by 17 affiliated Farm Credit Associations. The AgriBank District covers America's Midwest, a 15-state area from Wyoming to Ohio and Minnesota to Arkansas. More than half of the nation's cropland is located within the AgriBank District, providing the Bank and its Association owners with exceptional expertise in production agriculture. For more information, visit www.agribank.com.



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Pacific's road to becoming a steel and recycling giant began as a one-man operation in Spokane, Wash. Joe Thiebes emigrated from Germany in the 1880's and followed his family's business tradition of trading hides and furs. Soon, Thiebes sent his son, also named Joe, to the wilds of Montana. In the early 1920's the younger Thiebes officially founded Pacific Hide & Fur Depot in Great Falls.

During World War 1, the company expanded beyond furs and hides into collecting ferrous and nonferrous scrap. This scrap metals venture eventually led the firm to branch out in the 1950's into sales of new steel products. The Thiebes family business continued into the third generation, with another son again named Joe, joining forces with his

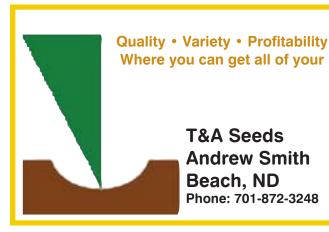
father as the company steadily opened additional locations under the Pacific Hide & Fur name.

The Thiebes family owned the company and the senior Joe Thiebes continued to serve as chairman of the board until his death in 1988, through he wasn't involved in Pacific's day-to-day management. The end of daily family involvement in the business came with the death of the younger Joe Thiebes in 1982. However, Pacific is dedicated to carrying on the Thiebes family tradition of "shooting straight".

Today, Pacific is an employee-owned corporation with 43 branch offices in Washington, Idaho, Utah, Nevada, Wyoming, South Dakota, North Dakota, Colorado, Montana & Alberta, Canada.









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## Make It With Sugar Winners

The Roundup held its annual Make It With Sugar contest Friday, October 25 in conjunction with Harvest Festival. Reese and Ray's IGA was the gracious host for the event. Thank you to everyone who entered- the judges had a

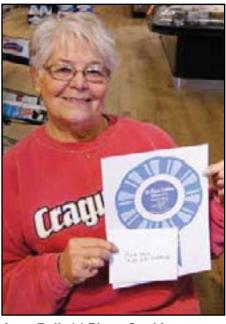
really hard time choosing the winners. Thank you also to all the businesses that provided prizes, to Sidney Sugars for providing "expert" judges, and to Reese and Ray's IGA for allowing us to have the contest in their deli.



Anne Babb, Savage, was the happy winner of the People's Choice Joyce Sifers, 1st Place Cake winner gift card.



Award, a \$100 Reese & Ray's IGA with her prize of cake and cupcake Joan Bell, 1st Place Cookies, won a items from Cooks on Main, Williston.



\$50 gift certificate from Planet Hair.



Rolls, with her \$50 gift certificate Silver cookbook courtesy of CHS her prize of pie making items from from Fireside Café.



Nicole LeFlors, 1st Place Other, with her electric skillet from Farm & Home Supply. She also won 1st Place Candy and took home 50# sugar JoAnn Taylor, 1st Place Bread & from Sidney Sugars and a Montana Kysa Rasmussen, 1st Place Pie, with Farmers Elevator.



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## "Make It With Sugar" Winning Recipes

#### **Buttermilk Coconut Pie**

Makes 1 (8 or 9 inch) pie

Prep time: 25 minutes Bake time: 1

hour

Single piecrust:

3 eggs

1/3 All- purpose or bleached flour

1 ½ c. sugar

½ c. butter, melted and cooled

34 c. buttermilk

1 tsp. vanilla

1 c. shredded coconut

Preheat oven to 350°F. Prepare pie crust as directed; do not bake. In a medium mixing bowl, whisk together the eggs, flour, sugar, melted butter, buttermilk and vanilla; whisk until smooth. Stir in the shredded coconut. Pour mixture into unbaked pie shell. Bake 1 hour or until the center is set.

#### **Caramel Popcorn**

1 14 oz. can sweetened condensed milk

1 c. white corn syrup

1 lb. brown sugar

½ c. butter

6 packages microwave popcorn-popped

Put popcorn in a bowl. Put all ingredients in a microwave safe bowl except popcorn. Stir. Cook for 3 minutes and sir. Once it starts to boil, boil for 4 minutes. Stir and pour over popcorn. Mix well.

#### Divinity

3 c sugar

34 c light corn syrup

½ c water

2 egg whites

1 tsp. almond extract

1 c. chopped walnuts or pecans

Place sugar, corn syrup, and water in heavy saucepan. Cook and stir over medium heat to hardball stage (248°F). Remove from heat and let stand until temperature drops to 220°F, without stirring.

Place egg whites in mixer bowl. Attach bowl and wire whip to mixer. Turn speed 8 and whip about 1 minute, or until soft peaks form. Gradually add syrup in fine stream and whip about 2 ½ minutes longer.

Turn to speed 4. Add almond extract and whip 20 to 25 minutes, or until mixture starts to become dry. Turn to stir speed and add walnuts, mixing just until blended.

Drop mixture from measuring tablespoon onto waxed paper or greased baking sheet to form patties.

Yield: 20 servings (2 pieces per serving)

Per serving: About 192 cal, 2 g pro, 40 g carb, 4 g fat, 0 mg chol, 15 mg sod.

#### **Macadamia Cookies**

Yield 6 dozen

4 ½ c. all-purpose flour

2 tsp. baking soda

2c. butter, softened

1 1/2 c. packed brown sugar

½ c. white sugar

2(3.4 oz.) packages instant vanilla pudding mix

4 eggs

2 tsp. vanilla extract

4 c. white chocolate chips

2 c. chopped macadamia nuts

Preheat oven to 350 °F. Sift together the flour and baking soda, set aside. In large bowl, cream together the butter, brown sugar, and white sugar. Beat in the instant pudding mix until blended. Stir in the eggs and vanilla. Blend in the flour mixture. Finally, stir in the chocolate chips and nuts. Drop cookies by rounded spoonfuls onto ungreased cookie sheets. Bake for 10 to 12 minutes in the preheated oven. Edges should be golden brown.

#### **Pumpkin Cake Bars**

4 eggs

1-29oz. can pumpkin

1 1/2c. sugar

½ tsp. salt

1 tsp. ginger

½ tsp. cloves

2 tsp. cinnamon

1 yellow cake mix

½ c. melted butter

1 c. chopped pecans (don't have to use this many)

Mix eggs, pumpkin, sugar, salt, ginger, cinnamon, and cloves together. Pour into 9x13 pan. Sprinkle with dry cake mix. Drizzle melted butter over cake, spread chopped nuts over all. Bake at 325°F for 1 hour and 20 minutes. Cover with foil loosely to keep from browning too soon, for the first 40-45 minutes, uncover and bake another 40-45 minutes. Serve with whipped cream. Yield 24 bars. (We like it better cold.)

#### **Salted Caramel Cream Pie Bites**

Crust:

1 c. flour

1/3 c. oil

½ tsp. salt 2 T. cold water

Mix all ingredients together until well mixed. Put approximately 1T of dough into each mini muffin tin. Press dough into each muffin cup around the bottom and sides of the cup. Bake at 350 degrees until golden brown approximately 15 minutes. Let fully

Fillina:

cool.

½ c. brown sugar

2 T butter

½ c. vanilla ice cream

1 8oz block cream cheese (room temp.)

½ c. whip topping

sea salt for garnish

Put the brown sugar, butter, and ice cream into a pan and bring to boil. Boil for one minute and let cool. (I put in the refrigerator for 45 minutes.) Reserve 1 T of caramel sauce to drizzle on top of pie bites. Use a mixer to mix and smooth the block of cream cheese. Mix the caramel into the cream cheese and fold in ½ cup of whipped topping. Use a piping bag to put the filling into the crust, drizzle with caramel and salt, and enjoy!

#### **Sweet Rolls**

4 1/2 C milk, scalded

1 C shortening

1 C mashed potatoes (use instant potatoes if you wish)

2 T self rising yeast

1 tsp. baking soda

1 tsp. nutmeg

1 C raisins (optional)

1 C sugar

2 tsp. baking powder

3 tsp. salt

6 eggs, beaten

Flour to make a soft dough (approx.12-14 C)

Start with 8 cups, add up to 14 C. The softer the dough the better the better-just so you can barely handle it without it being too sticky. Let beat only for 2-3 min.

Scald milk, cool to lukewarm. Add yeast, sugar, shortening, mashed potatoes, soda, salt, baking powder, and nutmeg. Add enough flour to make a batter (about 6 C) Mix well until smooth. Add raisins and eggs. Add more flour to make a soft dough. Knead or mix lightly. Let rise until double. Punch down and let rise again. After second rising, spread out on a lightly floured surface. Spread with softened (not melted) butter, brown sugar, and cinnamon. Roll up tightly like a jelly roll. Pull a thread or string through to make about one inch slices. Place on a greased cookie sheet not touching. Let rise till light. Bake at 375 degrees for approximately 15 minutes or until lightly browned. Frost with buttercream frosting. Makes approx. 45 sweet rolls.

Variation: For orange rolls, spread with a mix of 1/3 C melted butter 1 ½ C sugar and the rind of one orange. Frost with buttercream frosting to which orange juice and rind have been added. Grate the peel of 3 oranges. Squeeze oranges.

\*\*\* This dough makes fabulous dinner rolls. Just omit the nutmeg and form as desired.



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## Montana FSA Reminds Montana Honey Producers of Dec. 3rd NAP Deadline for 2013 Honey Crop; All 2013 Acreage Reporting Deadlines

### Submitted by Jennifer Cole

Bruce Nelson, state executive director for USDA Farm Service Agency (FSA) in Montana, urges Montana honey producers who want to purchase 2013 coverage through the Noninsurable Crop Disaster Assistance Program (NAP) to do so before the sales closing date of Dec. 3, 2012.

NAP provides financial assistance to producers of noninsurable crops when low yields/grazing loss, loss of inventory or prevented planting occur due to normal disasters.

Honey is the only 2013 Montana NAP crop with a Dec. 3, 2012 sales closing date.

All other NAP crops (except honey and value loss crops) have a NAP application sales closing date of March 15, 2013.

"Purchasing a crop insurance policy is an easy way for producers to practice risk management," Nelson said. "The 2012 crop year has proved that natural disasters can directly affect the profitability and recovery of agricultural operations."

In order to meet eligibility requirements for NAP, crops must be noninsurable, commercially-produced agricultural commodity crops for which the catastrophic risk protection level of crop insurance is not available. If the CAT level of insurance is available for a particular crop, type, and intended use in the county, then in all cases NAP cannot be offered within that county for any practice of that crop (irrigated, non-irrigated, summer fallow, and continuous crop). For a complete list of eligible NAP crops by county, contact your FSA county office. In the event of a natural disaster, NAP covers the amount of loss greater than 50 percent of the expected production based on the approved yield and reported acreage.

Eligible producers can apply for coverage using form CCC-471, "Application for Coverage". Producers must file the application and service fee by the Dec. 3rd deadline (for Honey). The service fee is the lesser of \$250 per crop or \$750 per producer per administrative county, not to exceed a total of \$1,875 for a producer

with farming interests in multiple counties.

For more information on sales closing dates and NAP, contact your FSA county office.

## 2013 Acreage Reporting Deadlines for Honey and Other Crops

Montana honey producers are also reminded of an upcoming acreage reporting date for the 2013 honey crop which is part of the four new acreage reporting dates of a national initiative to align acreage reporting dates between FSA and Risk Management Agency (RMA).

Producers must file acreage reports to their FSA office on or before the following deadlines to be considered timely-filed:

- Jan. 2, 2013: (or 30 days after placement of colonies) Honey covered under NAP
- Jan. 15, 2013: Cherries, Established Stand Alfalfa Seed, Fall Alfalfa Seed
- July 15, 2013: Spring Alfalfa Seed, Barley, Canola, Corn, Dry Beans, Dry Peas, Flax, Forage Seeding, Mustard, Spring Oats, Potatoes, Safflower, Sugar Beets, Sunflowers, Spring Wheat, CRP, and all other crops

These are also the same dates for these crops to be reported to crop insurance agents when carrying federal crop insurance.



For more information, visit the state FSA Website at: www.fsa. usda.gov/mt. To sign up for Montana FSA state and county newsletters, updates and press releases through the GovDelivery electronic news service, visit http://www.fsa.usda.gov/subscribe or contact your local county FSA office for subscription assistance.



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Dec 11th... Calf Special and All Class Cattle Sale 9:00am

## Sat, Dec 14th Stock Cow & Bred Heifer Special 11:00am

Dec 18th... Calf Special and All Class Cattle Sale 9:00am

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\*\*DEADLINE TO SCHEDULE AN APPOINTMENT IS DECEMBER 31, 2013\*\*

## Biologically Effective Grazing Management Workshop Set for Jan. 7-9

#### By NDSU Agriculture Communication

Ranchers and land managers will be shown how to manage grasslands with biologically effective grazing strategies that increase available soil mineral nitrogen and generate greater wealth from grazing land's natural resources without depleting future production.

A biologically effective pasture and harvested forage management workshop will be held Tuesday through Thursday, Jan. 7-9, 2014, at the North Dakota State University Dickinson Research Extension Center.

Traditionally managed grazing land pastures are chronically deficient in available mineral nitrogen, which causes lower production of grass herbage than the potential, even during years with adequate or above-normal precipitation.

"Most of the soil nitrogen is organic nitrogen and not available to plants," says Lee Manske, NDSU DREC research professor. "This organic nitrogen must be mineralized by soil organisms. Unfortunately, the soil organism biomass in most pastures is less than half the amount needed. Grazing management that is coordinated with grass phenological growth stages can greatly increase the soil organism biomass."

Ranchers and land managers will be shown during the workshop how to manage grasslands with biologically effective grazing strategies that increase available soil mineral nitrogen and generate greater wealth from grazing land's natural resources without depleting future production.

The workshop will be held in the Red Office Building on the corner of State Avenue and Empire Road in Dickinson. The workshop will run from 1 to 9 p.m. on Tuesday, 8 a.m. to 9 p.m. on Wednesday and 8 a.m. to 5 p.m. on Thursday. Dickinson is in the Mountain time zone.

The workshop instructors are Manske and Toby Stroh, Dickinson State University assistant professor and ArcGIS instructor.

The workshop will provide the knowledge for understanding the complex symbiotic partnership among perennial grass plants, soil organisms and large grazing animals. Each workshop participant will learn how to develop and properly operate a biologically effective management strategy using twice-over rotation grazing on summer pastures in conjunction with a complete 12-month complementary pasture and harvested forage sequence specific for his or her ranch.

To design pasture and harvested forage management strategies specific to individual ranches during the workshop, ArcGIS maps with each pasture and field for the entire land holdings, including owned and leased land, need to be made, and acreage of each soil type in each parcel of land needs to be calculated prior to the start of

the workshop. Location descriptions of land holdings will need to be provided one month prior to the workshop to give specialists sufficient time to develop maps.

Lodging, transportation and most meals are the responsibility of the participants. There is a lab fee of \$25 per person to cover the costs of supplies, refreshments and a working supper on the second day. A three-volume set of textbooks is available for \$95. The ArcGIS map set will cost \$75 for an average-sized ranch.

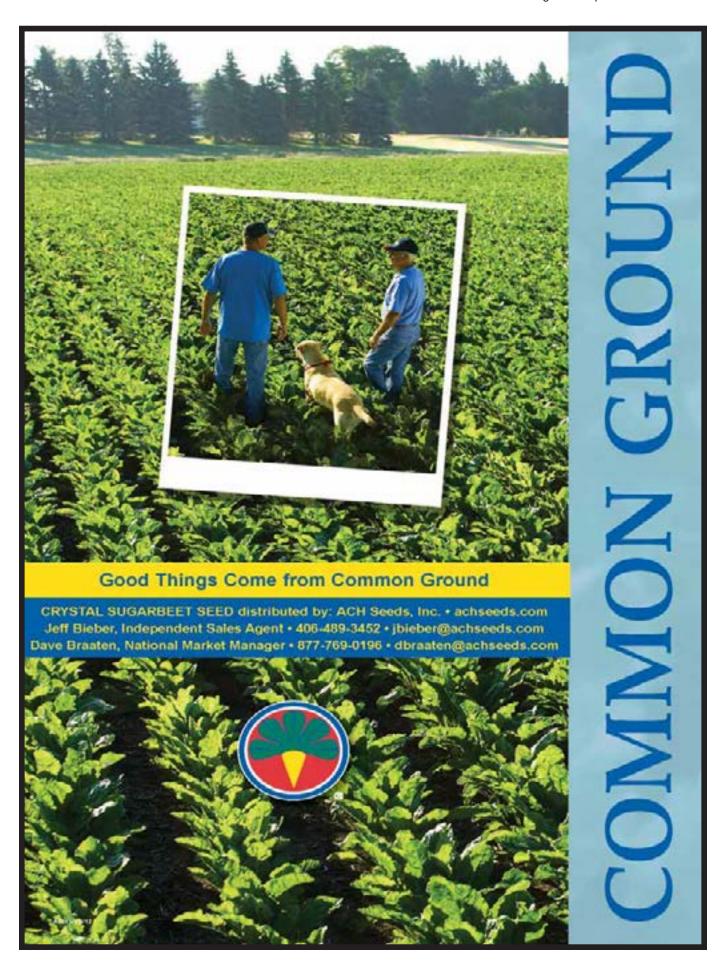
An option for professional development with 1 or 2 graduate credits for this continuing education course is available through NDSU at a cost of \$50 per credit. Participants will supply their own calculators and notebooks.

Information related to the workshop material is available at http://www.GrazingHandbook.com.

For workshop information or to register, call Manske at (701) 456-1118 or email llewellyn.manske@ndsu.edu. To request ArcGIS maps to be developed for a ranch, contact Stroh at (701) 483-7771 or toby.stroh@dickinsonstate.edu before Dec. 6.



"It's got nothin" in it. That's why it costs more <sup>1</sup>



## MonDak Area Stockgrowers Association Banquet



## **Officers and Directors**

The MonDak Area Stockgrowers Association held their annual banquet at the Sidney Elks Lodge on Nov. 21. Officers and directors of Mondak area Stockgrowers; Lisa Gorder treasurer, Andy Polari director, Jerry McMillan president, Chad Denowh director, Gary Schieber Vice President, Tim Larson director, Nikki Winter secretary and Todd Leland director. (Photos by Kristin Larson)



MonDak Area Stockgrowers Business of the Year was Farm and Home of Sidney. Dennis (left) and Fred (right) Buxbaum receive the award presented by Keith Dynneson (center).



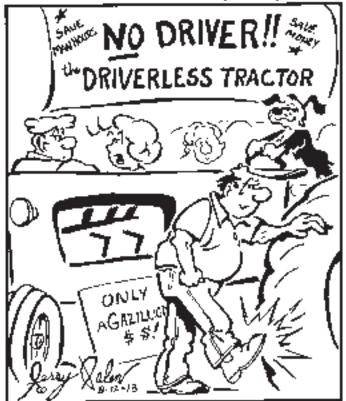
The featured speaker for the evening was Wayne Fahsholtz, manager of the Padlock Ranch in Dayton, Wyoming.



MonDak Area Stockgrowers Ranch of the Year was Franz Ranch, Ray & Ann Franz and son Jon Franz. Award presented by Keith Dynneson (center).

### STAMPEDE

## By Jerry Palen



"it'll never work for us. Who would Elmo yell at?"



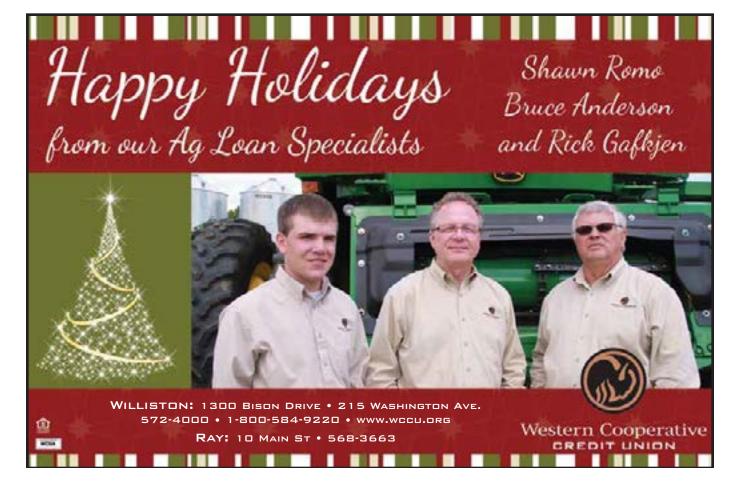
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## Continuing the Legacy of Family Farming for the Next Generation

#### By Tie Shank

So You Thought You Were Buying the Family Farm - Guess Again!

Dr. Ron Hanson, Neal E. Professor of Agribusiness at the University of Nebraska-Lincoln will be speaking on four topics Thursday morning Jan. 9 at Ag Days in Sidney:

- 1) You Can Buy Our Family Farm But Remember That I Still Own It
- 2) How Much Did Your Lawyer Cost Our Family Farm Estate?
- 3) What If The "What If" Actually Happens In Our Family?
- 4) Keeping Your Farm In The Family For The Next Generation-Is There A Plan?

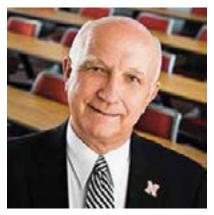
Dr. Hanson will begin speaking at 8:30am and will go on until approximately 12:30pm.

A distinguished speaker, Dr. Hanson was recently honored with two prestigious teaching awards:

AAEA Senior Distinguished Undergraduate Teaching Award and NACTA Distinguished Educator Award.

He has earned 26 university and national recognitions throughout his 39 year career.

He's also received the John Deere Agribusiness Teaching Award of Excellence and the University Educator of



Dr. Ronald Hanson

the Year Award. He is the only Nebraska professor to have received the highest national teaching honor granted to a college professor in the area of agricultural and food sciences, the USDA Excellence in University Teaching.

Hanson was raised on an Illinois family farm. He

earned his undergraduate college degree from Western Illinois University and his graduate degrees from the University of Illinois. He counseled with Nebraska farm families for more than 35 years to help them resolve family conflicts in a more positive manner and to improve family relations through better communications. He is recognized as a family expert in farm succession planning and is a highly sought after program speaker across Canada and the USA.

## Montana Cowboy Hall of Fame Seeks Nominations for Class of 2014

#### **Submitted by Ariel Overstreet-Adkins**

The Montana Cowboy Hall of Fame & Western Heritage Center (MCHF & WHC) is seeking nominations for the 2014 Montana Cowboy Hall of Fame induction round. Every year, the MCHF & WHC honors living and historical figures that have made notable contributions to Montana's western heritage.

"We really want to encourage people from across Montana to get involved and help us identify those in their communities who are most deserving of inclusion in the Hall of Fame," said Christy Stensland, executive director of the MCHF & WHC. "Nominations are open to the public and can be made by anyone. We encourage all to reflect on those that have made notable contributions to our western heritage here in the great state of Montana."

2014 will mark the fourth year the MCHF & WHC will honor living historical figures and the seventh year of honoring legacy (non-living) inductees. One living inductee and two legacy inductees from each of the MCHF & WHC's

12 Trustee Districts will be chosen from votes cast by the MCHF & WHC Board of Trustees based on nominations from the public. Nominees are assigned to a Trustee District for consideration based on the area where their notable contributions were made.

Nominees can be men, women, ranches, stage coach lines, animals, hotels, etc. anyone or anything that has made a notable contribution to our Montana western heritage. A full listing of inductees from 2008-2013, the 2014 Nomination Form, and more about the Hall of Fame induction process can be found online at <a href="http://www.montana-cowboyfame.">http://www.montana-cowboyfame.</a> org or by calling the MCHF & WHC at (406) 653-3800. All nomination documents must be in electronic format and emailed or postmarked by February 28, 2014.

The 2014 Class of the MCHF & WHC will be announced by press release by May 30, 2014. Winning inductees will be honored at the 2015 Annual "Circle the Wagons Gathering."

## **Make It With Wool Contest**

The District 5 Make it With Wool contest was held in Sidney on October 27. There were 3 contestants, one in each of the categories. Cortney Hecker from Sidney is our Teen entry and Sara McMillen is the Senior contestant. Kodi







Bilquist from Bainville was our preteen entry. Cortney and Sara are both eligible to compete in the Montana State competition that will be held in conjuction with the Montana Wool Growers annual convention in Billings, MT. the first weekend in December. From there, one Junior Contestant and one Senior Contestant will be chosen to attend the **National Convention** in Charleston, South Carolina in January 2014 and will receive an all expense paid trip. (Submitted by Leslie McMillen)

## Join Us For Our Open House

9 am- 4 pm, Wednesday, December 11 Goodies & Door Prizes Please bring items for the food bank 1-3 pm come see Santa Claus

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## NDSU Releases Elgin-ND Hard Red Spring Wheat

Elgin-ND's attributes are yield, quality and disease protection.

#### **NDSU Agriculture Communication**

2014 marks the first year that Elgin-ND, a hard red spring wheat variety from North Dakota State University, will be available for general distribution to commodity growers. Elgin-ND's attributes are yield, quality and disease protection.

Elgin-ND has high yield potential. According to North Dakota variety trial results for 2012, Elgin-ND's yield beat five of the top six most popular varieties for the year in eastern North Dakota. The average yield in 2012 for Elgin-ND across eastern North Dakota locations was 62.6 bushels per acre, compared with 58.2 bushels for Barlow, the variety with the most acres planted in the state.

In addition to yield, protein levels of Elgin-ND are very good. Glenn is known for its quality and high protein, but Elgin-ND's protein rivals it. In 2011, Elgin-ND had a higher average protein level (16.6 percent) than Glenn (16.5 percent). The average protein for Elgin-ND in 2010 through 2011 was 15.6 percent, which was just less than 0.1 percent below that of Glenn, but higher than Barlow's 14.8 percent and Faller's 14.3 percent.

Elgin-ND has a good disease resistance package, including resistance to prevalent leaf and stem rusts. It has protection against the new leaf rust race Lr21, although it still shows some susceptibility. Most commercial varieties available do not have resistance to leaf rust race Lr21. Elgin-ND also is moderately resistant/susceptible to scab.

The hard red spring wheat breeding program at NDSU developed Elgin-ND. It is widely adapted to the spring wheat region of North Dakota.

"As producers consider what to plant next year, they should take a look at Elgin-ND," says Dale Williams, North Dakota Foundation Seedstocks director. "Three of the most important characteristics wheat growers are looking for include yield, quality and disease protection, which Elgin-ND possesses."



Elgin-ND is protected under the Plant Variety Protection Act with Title V. Only certified seed may be sold legally. Certified seed of Elgin-ND is available from most North Dakota county increase programs. Contact your local county NDSU Extension Service agent to ask about obtaining seed.

Elgin-ND is named after the city of Elgin in southwestern North Dakota.

# MSU to Begin Search for Dean of College of Agriculture

#### **Submitted by Carol Schmidt**

Montana State University is set to begin a national search for a dean of the MSU College of Agriculture and director of the Montana Agricultural Experiment Station.

A 22-member committee has been formed to conduct the search. Brett Gunnink, interim dean of the College of Engineering, is the search committee's chair. The committee will be assisted by Greenwood/Asher & Associates, an executive search consulting firm.

Members of the search committee are listed below by name and title in alphabetical order:

Shannon Arnold, assistant professor, Division of Agricultural Education;

Mary Burrows, associate professor and Extension specialist, Department of Plant Sciences and Plant Pathology;

Nico Cantalupo, Meagher County Extension agent; Jessica (Murdock) Cleveland, student services coor-

Jessica (Murdock) Cleveland, student services coordinator, College of Agriculture;

Ron de Yong, director, Montana Department of Agriculture;

Krista Lee Evans, executive director, Montana Agricultural Business Association;

Lisa Lone Fight, graduate student, Department of Land Resources and Environmental Sciences;

Brett Gunnink, chair and interim dean, College of Engineering;

Ryan McCormick, president, Montana Grain Growers Association:

Shannon Moreaux, assistant professor, Department of Animal and Range Sciences;

Jim Peterson, Montana state senator;

Lynda Ransdell, dean, College of Education, Health and Human Development;

Errol Rice, executive vice president, Montana Stockgrowers Association:

Tracy Sterling, department head, Department of Land Resources and Environmental Sciences:

Michael Stevenson, president and CEO, Montana State University Alumni Foundation; Christiana Stoddard, associate professor, Department of Agricultural Economics and Economics;

Joyce Swartzendruber, state conservationist, USDA Natural Resources Conservation Service;

Luther Talbert, professor, Department of Plant Sciences and Plant Pathology;

Randy Tunby, president, Montana Wool Growers; Ron Ueland, president, Northern Seeds, LLC;

David Wichman, associate professor and superintendent, Central Agricultural Research Center;

Blake Wiedenheft, assistant professor, Department of Immunology and Infectious Diseases

The MSU College of Agriculture dean and director is responsible for leading one of MSU's foremost colleges with six departments and one division. In all, 961 students are enrolled in one of 11 undergraduate degree programs. Additionally, there are 147 graduate students across 13 degree programs. The Montana Agricultural Experiment Station supports faculty, staff and students in on-campus departments, allied facilities, and at seven Agricultural Research Centers in Montana.

The College of Agriculture and the Montana Agricultural Experiment Station are currently led by Glenn Duff, interim dean and director. Dean and Director Jeff Jacobsen stepped down from the position in September after serving more than 10 years in the position.

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## Free Forum Set Dec. 5 to Discuss New Technologies in Integrated Pest Management

### Submitted by MSU News Service

A free forum on new technologies in pesticide education, weeds and insect management will be offered Thursday, Dec. 5, in Bozeman.

The event will run from 10 a.m. to 3 p.m. at the Comfort Inn. Those who wish to attend should pre-register by contacting Montana State University Pesticide Education Specialist Cecil Tharp at ctharp@montana.edu or (406) 994-5067.

The program will be worth four private applicator credits, as well as three commercial/government credits in the categories of aerial, dealer, ag plant pest, forest pest, ornamental and turf, right of way, and regulatory weed.

The agenda is:

10 a.m. - Welcome.

10:10 a.m. — Using technologies in pesticide education. Presentation by Tharp. Technologies to be discussed include web resources, digital tools and mobile apps.

11 a.m. -- Break.

11:15 a.m. – How to effectively and efficiently identify your pest with a digital diagnosis. Presentation by MSU Plant Pathologist Mary Burrows.

Noon: -- Catered lunch.

1 p.m. – Using technology when making weed management decisions. Presentation by Cropland Weed Specialist Fabian Menalled and Invasive Plant Specialist Jane Mangold.

1:45 p.m. – Integrated Pest Management Technology in and around the home and garden. Presentation by Extension Horticulture Specialist Toby Day.

2:30 p.m. – Open forum where audience members will discuss new technologies – what works and what doesn't.

3 p.m. – Adjourn.

The forum is co-sponsored by MSU Extension and Western SARE (Sustainable Agriculture Research and Education).

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Little Rocky Mountains, borders Forest Service lands. Beautiful property. \$299,000

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The information provide herein was gathered from sources deemed reliable but is not guaranteed by the Sellers or their agents.

Prospective Buyers should verify all information and inspect the property to their full satisfaction before making any offers to purchase said property.

## **Invitation: Virtual Winter Weather Survival Class**

#### **Submitted by Tanja Fransen**

We're offering up a virtual Winter Weather Survival Class on Dec 6th and again on Dec 7th. You don't have to leave the warmth or comfort of your home! All you need is a phone and a computer or mobile device with internet access.

I hope this will be a two way street, and that I'll hear best practices from you as well. Many of the tips in the presentation came from our spotters who are sharing their lessons learned with me. Everyone who attends will get a packet in the mail that includes the Montana Winter Survival Handbook.

There are two date/time options for which you can join the class, click on the link below that works best for you, and it will take you to a registration page:

Friday, December 6th at 8 pm at https://www1.gotomeeting.com/register/793230240

Saturday, December 7th at 2 pm at https://www1.gotomeeting.com/register/312649504

## Winter Survival Kit: Got Yours?

### **Submitted by Tanja Fransen**

Many people have some sort of a "kit" thrown together for traveling in Montana in the winter, but do you really have what you need in it? How long have those old granola bars been in there? Did your teenagers take things out while needing something and "forget" to tell you it's now gone? Check out your kit and make sure it's ready to go for the winter season. I will admit that my kit for my personal vehicle is much more compact than the one we carry in our office SUV. The top two below show my personal kit for my car laid out on my desk, including the small shovel/spade for snow. The bottom picture shows our office vehicle's winter survival kit.

Minimum Items to have in a Vehicle Winter Survival Kit: cell phone, charger, water bottles, first-aid kit, high calorie/non-perishable, foods, extra clothing, moist towelettes/paper towels, ice scraper, flares/whistle to signal for help, spare tire, tool kit (ie multi-tool).

Additional items to consider taking:

blankets/sleeping bags, flashlights with extra batteries, portable shovel, tow rope (chains are dangerous), battery booster cables or battery booster, compass/maps, small metal can with waterproof matches to melt snow, gel fuel cans, small garbage bags and ties, small bag of cat litter or sand.

When traveling the northern plains or northern Rockies in winter time, run through this check list:

Fuel up and stay above a half tank throughout your trip. Check the road conditions: http://www.mdt.mt.gov/travinfo/or call 511. Check the forecast before leaving. Sometimes the roads are good in the location you are leaving from, but conditions may worsen as you get closer to your des-

tination. We have a travel forecast page to assist with that: http://www.wrh.noaa.gov/byz/state/transportation/index.php?wfo=ggw. Tell someone where you are going, what time you leave, and the route you take to get there. Use the better traveled roads. Then call them when you arrive safely. Otherwise, they can alert officials that you are late and perhaps there is a problem. Don't use cruise control on icy roads!

If you run into problems, keep the following items in mind: Use a tow rope, not a chain to pull a vehicle that is stuck. Make sure it is no longer than 6 feet. Chains can back lash, and cause serious injuries or death. If a chain is the only available item, throw a heavy jacket or blanket over it before attempting to tow a vehicle out. If you do get stuck, and it looks like you maybe in the vehicle for awhile:

Stay with the vehicle, unless you can clearly see sturdier/warmer shelter, run the engine 10 minutes each hour for heat, and crack the window just a bit, keep the tailpipe clear, a hubcap or visor can be used as a shovel, burning oil in a hubcap may allow rescuers to find you if conditions have improved. Distress Signal is: Honk your horn for three long blasts, 10 seconds apart. Repeat every 30 seconds.

The National Weather Service and Meteorological Services of Canada use a Wind Chill Temperature Index, designed to calculate a more accurate reading of how the cold air feels on the human skin.

The index is based on:

Wind speed calculated at the average height of the human face, about five feet (the human face is most often exposed to the cold). Updated heat transfer theory, which factors heat loss from the body to its surroundings during cold, windy days. A consistent standard for skin tissue re-

sistence. Clear night sky conditions. A lowered calm wind threshold from four miles to three miles.

Wind Chill Advisory and Warning Criteria established for Montana: Wind Chill Advisories east of the divide will be issued when the wind chill temperature drops to -20 to -39 degrees and the wind is greater than 10 mph for an hour. Wind Chill Advisories west of the divide will be issued when the wind temperatures drops to -10 to -19 degrees and the wind is greater than 10 mph for an hour. Wind Chill Warnings will be issued east of the divide when the wind chill temperature drops to -40 degrees or colder and the wind is greater than 10 mph for an hour.

Wind Chill Warnings will be issued west of the divide when the wind chill temperature drops to -20 degrees or colder and the wind is greater than 10 mph for an hour.







## **Prairie Fare: Buffet Food Order Affects Your Food Choices**

## Try putting large trays of veggies and fruits first, and place the higher-fat, higher-calorie foods farther down the buffet line.

By Julie Garden-Robinson, Food and Nutrition Specialist NDSU Extension Service

Recently, I ate lunch with my 18-year-old son at the campus food service. I hadn't eaten in the student cafeteria in quite a long time, and I was pleasantly surprised by the vast number of choices.

We each grabbed a plate and proceeded to make our choices. They no longer use trays at the food service, which trims food waste, labor and water use.

We stopped at the hot food line first. "Do you want red sauce or Alfredo sauce on your spaghetti?" the pleasant young worker asked me.

"Could I have some of each?" I replied.

"You sure can!" he said as he created a neat pattern on my pasta and added a thick slice of garlic bread to my plate. I think he gave me a double portion, though, to fit all that sauce.

He added a big scoop of green beans on the side.

I bypassed the make-your-own sandwich buffet and the area with all-day breakfast. I stopped at the salad bar and picked up another plate. I added about five different types of salads to my second plate.

I noticed the dessert bar as I walked to the table with my heaping plates. I really needed a tray. The desserts looked tasty, too. I set my plates down and went back for a dessert. However, I did choose a small piece. Well, it was kind of small.

When I settled down to eat surrounded by my bountiful assortment of food, my son grinned at me and said, "You have a lot of food there, Mom." As we ate, my son raved about the pineapple soft-serve ice cream.

"Would you get me some pineapple ice cream?" I asked. He didn't raise an eyebrow as he rose from the table. He's a good son.

While he was getting us ice cream, I added some of my untouched food to his plate to avoid wasting it. I had taken and eaten way too much food. I was groggy all afternoon.

As we move into the holiday season, we often are tempted by all sorts of food attractively arranged on buffet lines at holiday parties. We might eat way more than we usually do.

Researchers Brian Wansink and Andrew Hanks from Cornell University recently reported the results of their buffet experiment in the online Journal PLOS One. The researchers studied the foods chosen by 124 people at a breakfast buffet during a health conference.

The foods included "less healthful" breakfast foods such as cheesy eggs, bacon, fried potatoes and cinnamon rolls. The "more healthful" options were fruit, low-fat granola and yogurt. One buffet line was set up in order from "most healthful" to "least healthful" and the other line set up in the opposite order.

The order the foods were presented in had a major impact on the food choices of the conference attendees. The first three foods on the buffet line made up about two-thirds of the food chosen by the participants.

When fruit was first on the buffet, 85 percent of the people served themselves fruit. When fruit was last on the buffet line.

54 percent added some fruit.

How can we use this information? You can nudge people in the direction of healthful choices by placing the more healthful choices first in line. Try putting large trays of veggies and fruits first, and place the higher-fat, higher-calorie foods farther down the buffet line.

Next time I am at a tempting buffet or cafeteria, I am going to follow my own advice:

Check out all the food first. Peruse the full buffet menu before you decide what you really want to eat. Start with the fruit and vegetables.

If you want to try many foods, serve yourself very small amounts.

Slow down and visit with your companions. Have a glass of water and some salad, fruit and/or soup before you go to the main dish area.

Decide ahead of time how many times you will go through the buffet line or how many clean plates or bowls you will accept.

Stand away from the buffet line so you are not tempted to graze continually.

Here's a recipe adapted from the University of Nebraska Lincoln Extension Service office in Lancaster County. Brothbased soups rich in vegetables and beans are filling foods that curb your appetite. This one also makes use of leftover turkey.

#### **Mediterranean-style Turkey Soup**

1 Tbsp. olive oil or canola oil

1 chopped, sweet yellow onion

1 c. thinly sliced carrots

1 red bell pepper, diced

2 tsp. diced garlic

1 (15-ounce) can diced tomatoes

4 c. low-sodium chicken broth

1 Tbsp. dried basil

1/8 tsp. cayenne pepper (optional)

2 c. chopped roasted turkey (or chicken)

2 (15-ounce) cans Great Northern beans (or other white bean)

Salt, pepper to taste

Parmesan cheese (optional)

Heat oil in medium-sized pan over medium heat. Add onion, carrots and pepper and garlic. Sauté until vegetables are tender-crisp. Add canned tomatoes, chicken broth and spices and simmer for 10 minutes. Add turkey and beans and heat thoroughly. Season to taste and serve. Sprinkle with grated Parmesan cheese if desired. Makes eight servings.

Each serving has 260 calories, 3.5 grams (g) of fat, 29 g of protein, 26 g of carbohydrate, 8 g of fiber and 400 milligrams of sodium.

(Julie Garden-Robinson, Ph.D., R.D., L.R.D., is a North Dakota State University Extension Service food and nutrition specialist and professor in the Department of Health, Nutrition and Exercise Sciences.)

# About The Ag Roundup



The Ag Roundup is a monthly Farm & Ranch Magazine. It is delivered to over 10,000 farm & ranch families in Western North Dakota and Eastern Montana. The advertising and news deadline for the January 2014 issue is December 20. Subscription Rate: \$15 per year.

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