

# Farm & Ranch Monthly Magazine

Published monthly by The Roundup  
PO Box 1207 • Sidney, MT 59270 • 1-800-749-3306

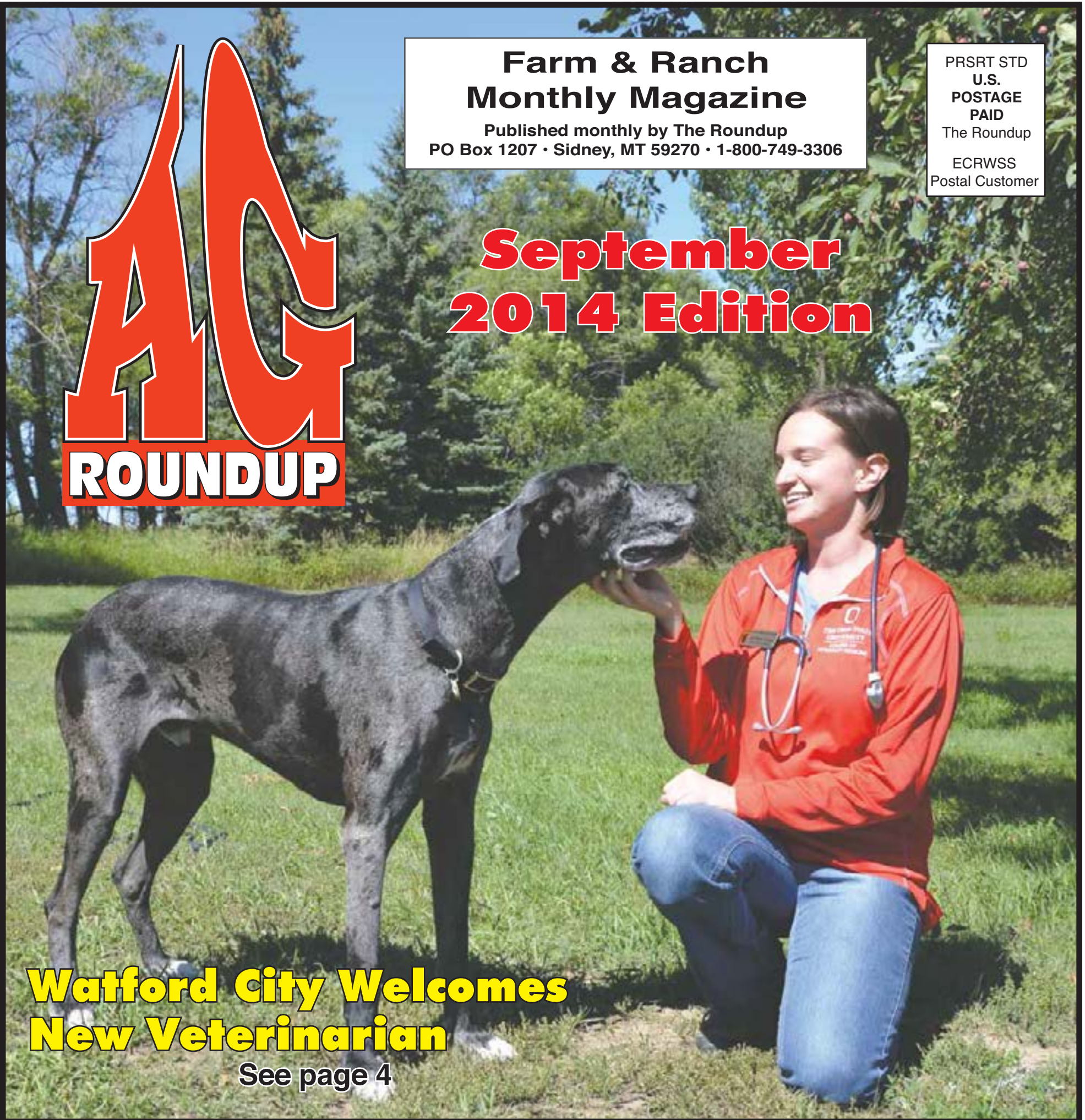
PRSR STD  
U.S.  
POSTAGE  
PAID  
The Roundup  
ECRWSS  
Postal Customer

# AR ROUNDUP

## September 2014 Edition

### Watford City Welcomes New Veterinarian

See page 4



# MSU Finishes Another Strong Year in Research

From MSU News Service

Montana State University closed out another strong year of research successes with significant work in energy, agriculture, health and biomedicine, and the environment leading the way.

The university's overall research enterprise did \$109.6 million in work for the fiscal year ending June 30. That includes \$90.5 million in competitively won federal funds, as well as \$1.6 million in gift funds for research. It also includes \$15 million in state and \$2.6 million in federal funding both largely for agricultural research through the Montana Agricultural Experiment Station.

"MSU's research enterprise has great breadth, but also great depth, and that's illustrated by the many successes and advancements of our faculty in the last year," said Renee Reijo Pera, MSU's vice president for research and economic development.

For students, MSU's research enterprise pumped \$9.2 million into teaching and research assistantships, scholarships, and other student support – making it one of the largest sources of student support on campus.

"MSU's research enterprise gives our students the opportunity to work side-by-side with the faculty who are working on the cutting edge in their fields – it's research and teaching as one," Reijo Pera said. "This is vital preparation for our future engineers, scientists, teachers, scholars and entrepreneurs."

Those research opportunities translated into notable student successes in the past year: MSU undergraduates won three Goldwater Scholarships in 2014, the nation's premier scholarship for undergraduates studying math, science and engineering. MSU is among the top universities in the nation for total number of Goldwater winners. Six graduate students won prestigious National Science Foundation fellowships, which can award more than \$100,000.

In agricultural research, highlights included MSU's development of a new variety of wheat resistant to the orange wheat blossom midge, a destructive pest that can ruin up to 90 percent of a wheat harvest. Research has also continued research

on the wheat stem sawfly, which can cause millions of dollars of losses to Montana wheat producers. MSU received a \$500,000 USDA grant to screen 4,000 to 5,000 varieties of wheat for sawfly-resistant traits, then identify the genes associated with those traits.

"Agriculture is our largest industry in Montana, and MSU is proud to provide research that is improving the bottom line for producers in many areas, from new crop varieties, to livestock forage, to pests, plant diseases, fertilization, and even threats to honeybees, which pollinate billions of dollars of crops across the nation," Reijo Pera said.

Internationally, MSU researcher David Sands received a \$100,000 Grand Challenges Exploration grant from the Gates Foundation – the first at MSU – for his promising work on fighting a parasitic weed called Striga that chokes out 30 to 80 percent of corn, millet and sorghum crops used for food in Africa. If successful, Sands' biological control method could greatly improve nutrition on the continent.

Just six months later, MSU learned Seth Walk and Blake Wiedenheft from the Department of Microbiology and Immunology also won a Grand Challenges Exploration grant for their work in the field of biomedicine. The pair are looking at disease-causing microbes in the human gut.

"These are extremely competitive and extremely prestigious grants," Reijo Pera said. "To have two within such a short period of time speaks volumes about the quality of faculty we have at MSU."

In addition to Walk and Wiedenheft's work, MSU's work in biomedicine was also recognized when Josh Obar, also in Microbiology and Immunology, became one of only five scientists in the world to receive the Young Investigator Award from the American Society for Microbiology for his work on the secrets behind out-of-control immune systems, flu pandemics and other biomedical issues.

In energy, MSU became the lead on a new \$10 million, four-year project focused on innovative energy research. The Biological Electron Transfer and Catalysis Energy Frontiers Research Center (EFRC) involves seven institutions and will look at fundamental biology and chemistry that could improve biofuel production.

A major effort to study how to safely store carbon dioxide deep underground took a big step forward this spring when MSU researchers successfully drilled a pair of wells in northern Montana. The wells will offer a first test of the scientific principles behind the Kevin Dome Large Scale Carbon Storage Project, which is funded through an eight-year \$67 million award from the U.S. Department of Energy. The goal of the project is to demonstrate that CO<sub>2</sub> can be stored safely and viably in regional geologic formations.

Also in energy, a four-state team involving MSU received nearly \$10 million to investigate the challenges of turning beetle-killed trees into biofuel. Led by Colorado State University, the academic, industry and government consortium will study the major challenges that limit the use of beetle-killed trees in the Rockies as biofuel.

In the area of the environment, MSU and the Montana Department of Fish, Wildlife and Parks are collaborating on a \$1.2 million, six-year project to enhance bighorn sheep conservation and management in Montana.

MSU faculty member Ben Poulter's paper in *Nature* on the role dry lands play in the global carbon cycle – a role larger than had been previously thought – received significant attention nationally and internationally.

MSU's Western Transportation Institute continued to be one of the world's leaders in road ecology, publishing findings on the value of wildlife crossing structures for maintaining the genetic diversity of black and grizzly bears.

"Our faculty published findings in many of the major journals such as the *Journal of the American Chemical Society*, the *Journal of Applied Ecology*, the *American Journal of Public Health*, and the *Journal of Animal Science* as well as in the *Proceedings of the National Academy of Sciences*, *Cell*, *Nature*, and *Science*," Reijo Pera said. "Our faculty were tremendous this past year in terms of the quality and quantity of their work, and the coming year looks even more exciting."



**MSU closed out another strong year of research successes with significant work in energy, agriculture, health and biomedicine, and the environment leading the way. The year included notable student successes, such as undergraduates Connor Murnion from Helena, Katherine Kent from Billings, and McLain Leonard from Post Falls, Idaho (from left), who each received a Goldwater Scholarship, the nation's premier scholarship for undergraduates studying math, science and engineering. MSU photo by Kelly Gorham.**

# Serving Farm & Ranch Tire Needs for over 60 Years



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

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



**TOYO TIRES**  
DRIVEN TO PERFORM

## Western Tire Co.

1601 SOUTH CENTRAL • SIDNEY, MONTANA  
433-3858 • Open 7-5:30 M-F & 7-Noon Sat.

**AFTER HOURS CALL FORWARDING TO SERVICE REP**

# Viniard Joins Watford City Veterinary Clinic Staff

By Meagan Dotson

The Watford City Veterinary Clinic welcomed Dr. Megan Viniard as their third veterinarian July 1, 2014. After graduating from Ohio State Veterinarian School earlier this year, she, her husband Jeff, and their Great Dane Zebulon were looking for a new and exciting opportunity.

“My husband and I wanted to take an adventure and wanted to start a new chapter of our lives by moving west,” Viniard explains. “I always knew that I wanted to be a vet in a rural area, I just didn’t know where.”

According to Viniard, Watford City has been great, offering plenty of friendly and welcoming people with the small town feel that she appreciates. She enjoys being an active part of the community recognizing that the local vets are an important part of the town.

She always knew that she wanted to work with animals and FFA and 4H only fueled her interest, but she really became involved with livestock through 4H projects. Viniard liked the idea of being a part of agriculture by ensuring an animal’s welfare and being involved in the production of safe food. Having a general practice allows her to operate as the first line of defense for her patients.

The Watford City Veterinary Clinic, originally founded in 1967 by Dr. Robert Nelson, has always had a strong cattle practice but recently has seen its small animal practice growing. Viniard is dedicated to not only an animal’s physical well-being, but is very intrigued by animal behavior and the bond between people and their pets. Being involved with a therapeutic riding center as an undergraduate, she recognizes the importance of pets and the improved quality of life they can bring. Helping families have good pet interaction is an important part of her work.

Not only does Viniard get to experience the excitement that the oil boom has brought to the area, but she also gets to witness the expansion of the clinic itself. A new building is in the works south of town and will provide a much larger facility. Though she believes the clinic would have grown regardless, she has no doubts that the influx of people has expedited the expansion.

Viniard’s ability to treat both large and small animals makes her a great addition to the Watford City Veterinarian Clinic. They are located at 104 17<sup>th</sup> Ave NE, Watford City, ND 58854 and are open Monday- Friday from 8am-5pm and Saturdays 9am-12pm with an on-call vet 24/7. They can be reached at 701-842-4VET (4838) or online at [www.vetexperts.com](http://www.vetexperts.com).



Dr. Megan Viniard poses with her Great Dane, and favorite patient, Zeb.



# SUNRISE EQUIPMENT

JOHN DEERE 2900 W. Holly, Sidney • 406-488-3112 • 1-800-967-3597 • www.sunriseequipment.biz

## USED 4WD DRIVE TRACTORS

1989 JD 8760, 3 hyd's, 20.8x38 duals ..... \$39,500  
1995 JD 8970 (400 eng HP), powershift tranny, 4  
hyds, 520/ 85R42 duals..... \$69,500

## USED MFWD & 2WD TRACTORS

2000 JD 5510 (75 PTO HP) sync shuttle tranny,  
MFWD, 3pt hitch, 18.4x30 singles..... \$21,500

## USED LOADER TRACTORS

2011 JD 5065E, (65 eng HP) MFWD, 3pt hitch, 1  
hyd, PTO, only 103 hrs, new JD 553 load with 6'  
bucket, ONLY 108 HRS!..... \$31,900  
2008 JD 7330 (125 PTO HP) IVT tranny, MFWD, 3 pt  
hitch, 3 hydraulics, dual PTO, 18.4X38 singles, JD  
741 SL loader, 8' bucket, grapple, joystick.....  
\$109,500  
1975 JD 4030 (80 PTO HP), syncro-range tranny,  
3pt hitch, 3 hyds, PTO, 14.9x38 singles, JD 148  
loader, 6' bucket, grapple trt hyds .....CALL  
1974 JD 4230 (100 PTO HP) powershift, 3pt hitch, 2  
hyds, dual PTO, 16.9x38 singles, JD148 loader, 7'  
bucket, grapple, independant hydraulics ....CALL  
2001 NH TV140 Bi-directional, (105 PTO hp) 4  
hyd, PTO on loader end, 2 hyds on engine end,  
480/85r34, NH 7614 loader & grapple .... \$52,500

## USED COMBINES

(1) 2012 JD S660 combines, 520/85r38 duals,  
Contour master, low low hours .....CALL  
2006 JD 9660STS, 520/85r38 duals .....CALL  
2002 JD 9650 STS, 800/70r65 singles, chopper .....  
\$95,000  
1990 JD 9600, 30.5x32 singles, chopper, chaff  
spreader .....CALL  
Used set of 18.4x38 duals for 9600, 9610  
(60%rubber) ..... \$3,000  
2013 JD 635FD, draper platform with HHS in rigid ..  
CALL  
2013 640 FD, draper platform, no HHS in rigid..CALL  
2012 635 FD draper platform, no HHS .....CALL  
2010 JD 630R platform, pickup reel.....CALL  
2004 JD 635F Flex platform, 35' .....CALL  
1997 Macdon 960D platform .....CALL

## USED HAYING EQUIPMENT

0% Financing for up to 5 years on all Balers  
O.A.C

(2) 2011 JD 568 Round Balers, loaded. H241 &H242  
\$32,500 ea  
2011 JD 568 round baler, loaded, net wrap \$36,500  
(2) 2009 JD 568 Round Baler, loaded. H176 &  
H206 ..... \$34,500  
2007 JD 568 Round Baler. Loaded except for kicker  
bar. H277..... \$28,500  
2005 JD 567 round baler..... \$16,900  
2001 JD 567 Round Baler w/ net wrap, mega wide.  
H077 ..... \$16,900  
1998 JD 566 Round baler. mega-tooth pickup\$9,250  
1998 NH 664 Round baler with net wrap..... \$5,950  
3970 Forage Harvester ..... \$8,950

## USED BEET EQUIPMENT

2004 Amity 6 row beet harvester, steerable, row  
finder ..... \$33,500  
Artsway 9420 beet harvester, 6 row, 24", row finder,  
rear steer ..... \$14,500  
Red River 624N beet harvester, 6 row, 24", row  
finder, narrow hitch ..... \$11,500  
2005 Amity 6 row defoliator, steerable ..... \$11,500

## USED MISCELLANEOUS

746 loader mounts for 77-7920 ..... \$500  
840 Loader mounts for 8000 series..... \$500  
Brandt 4000EX grain vace ..... \$4,500  
2013 Brandt 13x70HP swing away auger w/  
hydraulic winch & hopper mover ..... \$23,900  
2013 Brandt 13x70HP swing away auger with  
hydraulic winch ..... \$21,900  
2009 Brandt 10x60 Swing away auger ..... \$10,500  
2006 Brandt 10x70 swing away auger with pit  
express drive over hopper ..... \$10,900  
Brandt 8x52 super charged auger, 24HP honda .....  
\$6,950  
2011 JD XUV 850i gator ..... \$9,950  
Diamond 72" & 62" mowers..... \$2,500

## WOODS Batwing Mowers



**IDEAL FOR MAINTAINING PASTURES,  
GRASSY FIELDS, DITCHES, CUTTING  
WEEDS & LIGHT BRUSH.**

## WOODS MOWER SALE

**Just An Example of Savings:  
WOODS BW180  
ROTARY CUTTER  
WAS \$22,127**



**NOW \$17,500**

# Spotlight On Economics: The 2014 Farm Bill and North Dakota

**By Andrew L. Swenson, Farm and Family Resource Management Specialist  
NDSU Agribusiness and Applied Economics Department**

North Dakota farmland owners and operators have several decisions to make about the 2014 farm bill legislation that became law this year. These decisions may require more thought and offer more opportunities for North Dakota producers than elsewhere in the country because of the variety of crops grown and the fairly dramatic change in crop rotations and yields in the state.

The main decisions land owners and producers must make are whether or not to reallocate base acres of a farm and update payment yields, and whether to enroll in a revenue protection program, Agricultural Risk Coverage (ARC) at the county or individual farm level, or a price protection program, Price Loss Coverage (PLC). Each decision has its advantages, rules and limitations.

The first decision that probably is due late this fall is to keep the existing base acres of a farm or reallocate base acres according to the crop mix in the 2009 to 2012 time period. The difference between the two choices may be greater in North Dakota than in any other state. The existing crop base acres for a farm were determined many years ago and have been fixed. The reallocation choice cannot increase or decrease the total base acres of a farm but can result in a big shift between base acre crops because farmers in many areas of the state increased soybeans and corn acreage at the expense of crops such as wheat, barley and sunflowers.

The landowner must decide which set of base acres provides the best financial safety net. The decision may not be easy. Once it is made the base acres are locked in for the five year duration of the farm bill. Base acres, not current planted acres, are used in payment calculations. Therefore, payments may be received on crops that are no longer grown on the farm. An exception is the ARC individual farm program, where planted acres and total base acres are considered.

The landowner also can update PLC payment yields of the base acre crops. It probably is the easiest farm bill decision. You have a choice between a historic payment yield associated with the now-defunct counter-cyclical payment program or calculating a new one from actual crop yields on the farm from 2008 through 2012. You get the higher of the two. It is a one-time update and a crop-by-crop decision.

For example, you could keep the old payment yield for barley but update the yield for corn. Yields have been trending higher, so in most cases, the farm will end up with higher updated yields for the PLC program.

In some situations, there will be a large increase from updating a yield because a crop was planted only for one or two years during the 2008 through 2012 period but had great yields. For example, a Cass County producer only grew winter wheat in one of the five years and had an 80 bushel-per-acre yield. The 2008 through 2012 average yield per planted acre would be 80 bushels. A factor of 90 percent is used for updating, so the new PLC wheat yield would be 72 bushels, which doubled the old payment yield of 36 bushels. In this example, the high payment yield may affect the decision to keep existing farm base acres, dominated by wheat, versus reallocating base acres and gaining the soybean base.

Landowners should update PLC yields whether or not a base crop is enrolled in the PLC program. The higher yields will go on the books at the Farm Service Agency (FSA) office and may be beneficial in some future farm bill.

The landowner does not have to prove yields to update the PLC yield but will need verification that they are accurate if spot-checked by the FSA. Therefore, landowners should get a yield verification from renters.

The next decision, probably in February or March 2015, will be to choose between the ARC or PLC safety net. It will be made by producers and landowners who rent by crop sharing.

The total annual PLC payment for a base acre crop is the amount that the national marketing year average price is less than the reference price times the payment

yield times base acres times 85 percent. Reference prices and payment yields are fixed for the life of the farm bill. Therefore, the only variable to determine a payment is the national marketing year average (MYA) price.

Unless the PLC payment yield is very low, the PLC program looks like the best program choice for barley and minor oilseeds because they have a relatively high reference price. In fact, there would only have been two years in history where canola would not have received a PLC payment under this farm bill.

There are two ARC programs available. The ARC county program uses county yields of base acre crops. The ARC individual program uses farm yields of planted crop acres. An operator can choose between the ARC county or the PLC program going crop by crop within an FSA farm. If the ARC individual program is chosen, it applies to all crops on the FSA farm.

In concept, the ARC program is simple because a revenue shortfall triggers a payment. In reality, it is complicated because there are four moving parts to the equation. Olympic five-year moving averages of yields and MYA prices are used in the calculation of revenue guarantees, while current-year yield and MYA price determine actual revenue. All four of these components can change in direction and intensity from year to year. The combination of these movements makes ARC predictions difficult.

For instance, a corn base acre in Barnes County is expected to provide more than a \$50 ARC-county program payment for 2014 (assuming a national marketing year average price of \$3.90 per bushel). However, if the county yield for 2014 is strong, say 15 bushels above average, there will be no ARC payment. By comparison, there also would be no PLC payment because the \$3.90 MYA price is above the corn reference price of \$3.70 per bushel.

ARC payments are capped at 10 percent of the revenue benchmark. PLC payments are not as restricted, but there is the probability that ARC payments may be higher for certain crops. Currently, it looks like ARC payments are more probable with corn and soybeans than with PLC. However, severe price declines during an extended period would favor PLC.

The first decision, whether to reallocate base acres, is intertwined with the later decision of program election. Interestingly, the landowner makes the base reallocation decision and the operator makes the program election (ARC or PLC). Therefore, on cash-rented farms, the owners and operators should coordinate their efforts to improve their chances of getting the best base reallocation and program election combination.

The first step is to determine the best choice (ARC-county or PLC) for each base acre crop under the two scenarios, which are keeping the existing base or reallocating the base. The expected total payments from keeping the existing base or from reallocating base then can be compared.

Lastly, the ARC individual program for the farm can be analyzed to compare it with the winner of the aforementioned contest between keeping the existing base or reallocating the base.

NDSU has an Excel spreadsheet that will provide the user with the optimal decisions on base reallocation, updating yields and program selection (ARC-county versus PLC) to maximize payments under the farm bill given the projected 2014 through 2018 county yields and MYA prices.

Of course, no one will be able to accurately project future yields and prices for five years. Users can enter different price and yield scenarios to help determine the safety net that may be best.

The spreadsheet is available at [www.ag.ndsu.edu/farmmanagement/farm-bill](http://www.ag.ndsu.edu/farmmanagement/farm-bill).

The Farm Service Agency and NDSU Extension Service will be holding 10 public meetings across North Dakota in mid-October for producers and landowners who wish to learn more about the 2014 farm bill.

# Low Rate Financing Available On All New Case IH Equipment



Skidsteers, Various  
attachments in stock



Farmall 110A w/loader



Steiger 550 Quad NEW



LB 434 Square Baler



Case IH WD1203 Windrower



Thunder Creek 750 gal Fuel Trailer

## USED TRACTORS

1979 JD 4840, 3 pt, PTO .....	\$22,500
2005 CaseIH 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
1994 Case IH 7140 MFD, 3 remotes, 20.8 x 42 Duals, 7800 Hrs .....	\$49,000

## USED MISCELLANEOUS

Farmhand 25' mulcher .....	\$11,500
John Deere 2700 disc ripper, 7 shank ....	\$22,000

2005 Parma 30' mulcher .....	\$25,000
Case 75XT Skidsteer, 2400 hours....	\$23,000
Rem 2500 Grain Vac, good condition...	\$8,500

## 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
Summers 2pt sprayer, 88' booms, 500 gal tank, Dickey John monitor.....	\$6,500
Monosem 6 row, 24" planter.....	CALL

## USED HARVEST EQUIPMENT

2005 2042 35' draper head.....	\$32,000
--------------------------------	----------

MacDon 960 35' draper head, transport, CIH adapter .....	\$10,000
---	----------

## USED HAYING EQUIPMENT

2011 CaseIH RB 564 premium round baler, 9600 bales, wide pickup, mesh wrap, very nice.....	<b>SOLD!</b>
2008 CaseIH RB564 round baler, 8700 bales, mesh wrap, wide pickup, endless belts, hydraulic pickup lift, central lube ...	\$26,500
2006 RBX563 Round Baler, wide pickup, mesh wrap, endless belts, 8,000 bales, good cond.....	\$26,000
CIH RBX 563 baler, mesh, wide pickup...	\$25,000
2003 CaseIH RBX562, MeshWrap,	

Like New.....	\$24,500
2011 Haybuster 2650, hydraulic chute lift, big tires, very good condition.....	\$16,000
1999 CaseIH RS561 .....	\$12,500
2008 Vermeer Processor, BP8000 ...	\$10,500
1995 CaseIH 8465 .....	\$8,995
1994 CaseIH 8480 Softcore .....	\$6,995
1990 Hesston 560 Round Baler.....	\$5,500
New Holland 1475 mower conditioner...	<b>SOLD!</b>
Hesston 6550 Windrower, diesel, cab, air 14' lead.....	Call

## USED COMBINES

2006 2388, 2103 engine hours/1656 sep. hours, chopper consigned.....	\$115,000
---	-----------

FINANCING PROVIDED BY  
**CNH CAPITAL**  
LENDING | LEASING | CREDIT CARDS | INSURANCE

# TRI-COUNTY IMPLEMENT

**CASE IH**  
AGRICULTURE

© 2007 CNH America LLC. All rights reserved. Case IH is a registered trademark of CNH America LLC. CNH Capital is a trademark of CNH America LLC. [www.caseih.com](http://www.caseih.com)

**Sidney, MT • 2429 W. Holly • 406-488-4400**  
**1-800-624-6540 • Visit our web site at [tri-cnty.com](http://tri-cnty.com)**

## LIFT WITH YOUR FINGER, NOT YOUR BACK

**Exclusive PowerFold® option lifts  
decks with the flip of a switch.**

- Effortlessly raises FrontMount™ DuraMax® decks
- Access to underside of deck for easy maintenance
- Shortens length to simplify storage and trailering

Visit your dealer today for a demonstration!

**TRI-COUNTY IMPLEMENT**  
**SIDNEY, MT • 2429 W. HOLLY**  
**406-488-4400 • 1-800-624-6540**  
**[WWW.TRI-CNTY.COM](http://WWW.TRI-CNTY.COM)**



## USED Mowers

Grasshopper 729, liquid cooled, 61' Power Fold deck, 1320 hours ..... Call

## New Grasshoppers

Large selection of new front mount powerfold models in stock.

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

# Rise in Paraquat use Leads to Warnings for Pesticide Applicators, Dealers in Montana

**Submitted by Cecil Tharp**

As weeds like kochia develop resistance to glyphosate herbicides, more Montanans are turning to herbicides that contain the active ingredient paraquat, says Montana State University Pesticide Education Specialist Cecil Tharp.

Paraquat is very effective as a broadspectrum herbicide, but unlike glyphosate products, it is highly toxic to humans, Tharp said. Just a few drops to one teaspoon can kill the average 160-pound person. As a result, Tharp warns applicators to be aware of the personal protective equipment requirements that are listed on the product label. He also reminds dealers that they aren't required to suggest personal protective equipment to customers, but if they do, they must be sure to read the product labels to give accurate advice.

"Due to the risks, applicators shouldn't simply ask dealers, retailers, friends, family or neighbors for the required personal protective equipment," Tharp said. "They should always read and follow the pesticide product label. That is the ultimate source and contract for applicators to follow."

Most herbicide products used in Montana require only minimal personal protective equipment, but products that contain paraquat require much more personal protective equipment, Tharp said. Some common paraquat products are Gramoxone SL, Bonedry, Paraquat Concentrate and Firestorm.

"Neglecting to follow the product label personal protective equipment requirements puts you and your workers, handlers and possibly family at risk to poisoning," Tharp said, noting that paraquat is a Category 1 for toxicity, the highest level given on product labels.

Personal protective equipment requirements are always listed on the pesticide product label, and they are updated periodically, Tharp said. The recommendations for paraquat products are currently aimed at two groups: applicators-handlers and mixers-loaders.

Applicators and other handlers must wear long-sleeve shirts and long pants, chemically resistant gloves, protective eyewear, NIOSH-approved particulate filtering respirators equipped with N, R, P, or HE class filter media.

In addition to those items, mixers and loaders must wear chemically resistant aprons and face shields. All users must select only the type of respirator recommended on the pesticide label.

Personal protective equipment is often available where pesticide products are sold, but not always, Tharp said. For more information on vendors that carry personal protective equipment, applicators can ask their local pesticide dealer or go online to [www.gemplers.com](http://www.gemplers.com) or [www.airgas.com](http://www.airgas.com).

For more information, contact Cecil Tharp at [ctharp@montana.edu](mailto:ctharp@montana.edu) or (406) 994-5067.

# Where's the Beef? DOL's Brands Enforcement Division Can Find It!

**Submitted by Steve Merritt**

The Montana Department of Livestock's Brands Enforcement Division recovered and returned 4,630 head of lost, stolen and strayed livestock, worth \$6.4 million, to their rightful owners in 2013.

That's a return to producers of nearly \$2 for every dollar the division spends, said Christian Mackay, executive officer for the Montana Board of Livestock.

"Helping resolve ownership issues is one of our core responsibilities, and we've been at it a long time," Mackay said.

Over the past 10 years, the department – the state's oldest law enforcement agency – has recovered and returned to producers 39,897 head of lost, stolen and strayed livestock, worth a total of \$44 million.

The current year budget for the Brands Division is just \$3.3 million, Mackay said, with about half coming from per capita fees (49 percent) and half from inspection fees (51 percent). Roughly half of the division's 68 employees are in Helena with the rest serving in the field and/or at livestock markets around the state.

Also playing an important role in recovering and returning lost, stolen and strayed livestock are the state's network of 500-plus local brand inspectors. On any given year, more than half of the livestock lost, stolen or strayed are cleared up "in the country" by these volunteer inspectors.

"It's really a testament to our people in the field, and to the system we have in place," Mackay said.

# Farm Bureau Photo Contest

**Submitted by Nikole Hackley**

Richland County Farm Bureau is helping to promote this year's Montana Farm Bureau 2014 Photo Contest, put on by the Women's Leadership Committee. The photo contest will be held this year during the Montana Farm Bureau Federation (MFBF) Annual Convention at the Billings Hotel and Convention Center, November 9<sup>th</sup>-12<sup>th</sup>. Photos will be on display and voted on by popular vote. The winners of first, second and third places will be announced at the awards banquet on Tuesday, November 11<sup>th</sup>. First place earns \$75, second place \$50 and third place \$25. The top three winning photographs become the property of MFBF to be used for display and publicity purposes.

The theme for 2014 is "Faces of Agriculture", and the Women's Committee encourages members to enter photos that capture what the theme means to them. Contest rules are: 1) The entrant must be a current MFBF member. 2) Contest is open to amateur photographers only. 3) Photos must be taken by the entrant. 4) Photos can be black and white, or color, sizes 3x5, 5x7 or panoramic 4x12. 5) Name, address and membership number must be on back. 6) No more than three photos per entrant. 7) No matting or framing.

Pictures can be submitted to Lisa McFarland at 8201 Molt Rd, Billings, MT 59106. Please include a stamped envelope for return of photos. For any questions you can contact Lisa at (406) 698-9809 or [lisa.mcfarland@eciblgs.com](mailto:lisa.mcfarland@eciblgs.com).

# MY DATA IS MINE. NOT MINED.

**Introducing AFS Connect.™** The only advanced farm management system that guards your data as closely as you. It's simple. When you buy a combine, a tractor or a piece of land, it's yours. So when you buy a farm management system that gives you one easy dashboard to track and manage every piece of equipment on your farm, the data should be yours — yours alone. See how AFS Connect gives you total control over your data at [caseih.com/afconnect](http://caseih.com/afconnect).



**BE READY.**



**SEE US TODAY.**



**WEST PLAINS, INC**  
 Highway 10 East  
 PO Box 128  
 Beach, ND 58621  
 701-872-4154  
[www.westplains.com](http://www.westplains.com)



Case IH is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. [www.caseih.com](http://www.caseih.com)

# Deming 2 Time Lamb Champ

By Meagan Dotson

At 12 years old, Becca Deming shows a work ethic and sense of responsibility beyond her years. At this year's Richland County Fair she won Grand Champion Market Lamb for the second year in a row along with Grand Champion Breeder Lamb, Grand Champion Junior Lamb Showman and Grand Champion Junior Over-all Showman. This year Deming was up against approximately 17 other market lambs and plans on attending the Northern International Livestock Expo (NILE) held in Billings MT in October which is a much larger competition.

Deming explains that judges look specifically at the loin, butt, and hind saddle areas on a market lamb. If these areas are too small it means the lamb is not ready for market, however if these areas are too big the lamb is over-finished. She speaks with knowledge and certainty as she explains what she's learned over the past four years in the Richland Rascals 4H Club.

"I give all my credit to Caitlin Klaboe and Kevin Frasier, a family friend and Ag teacher in Oklahoma," Deming says.

Klaboe Livestock out of Miles City, MT is where the Demings have gotten all of their lambs.

"The knowledge she (Caitlin Klaboe) gives to the children is worth more than the lambs are," says Kelly Deming, Becca Deming's mom.

Becca Deming explains that the work that goes into raising a lamb begins long before the animal is ever brought home. Having the proper space and equipment is just the beginning. A lamb stand is needed to get the lambs ready for the show which is called "fitting". In late March or early April the family makes the trip to Miles City where a lamb is picked out and brought home. Once home the lamb is given a few days to settle in. Feedings are morning and night and must be monitored to safeguard against choking and it is a rule in the Deming household that animals are fed before people as people have access to the fridge and the pantry and the animals don't.

Humanizing the lambs is time spent talking to them, rubbing them and just letting them get used to people. They must be walked on a halter and as they get older and stronger they are run behind a 4 wheeler at a jogging pace to build their leg muscles. Both training them to walk on a halter and humanizing them are essential to showing them in competitions.

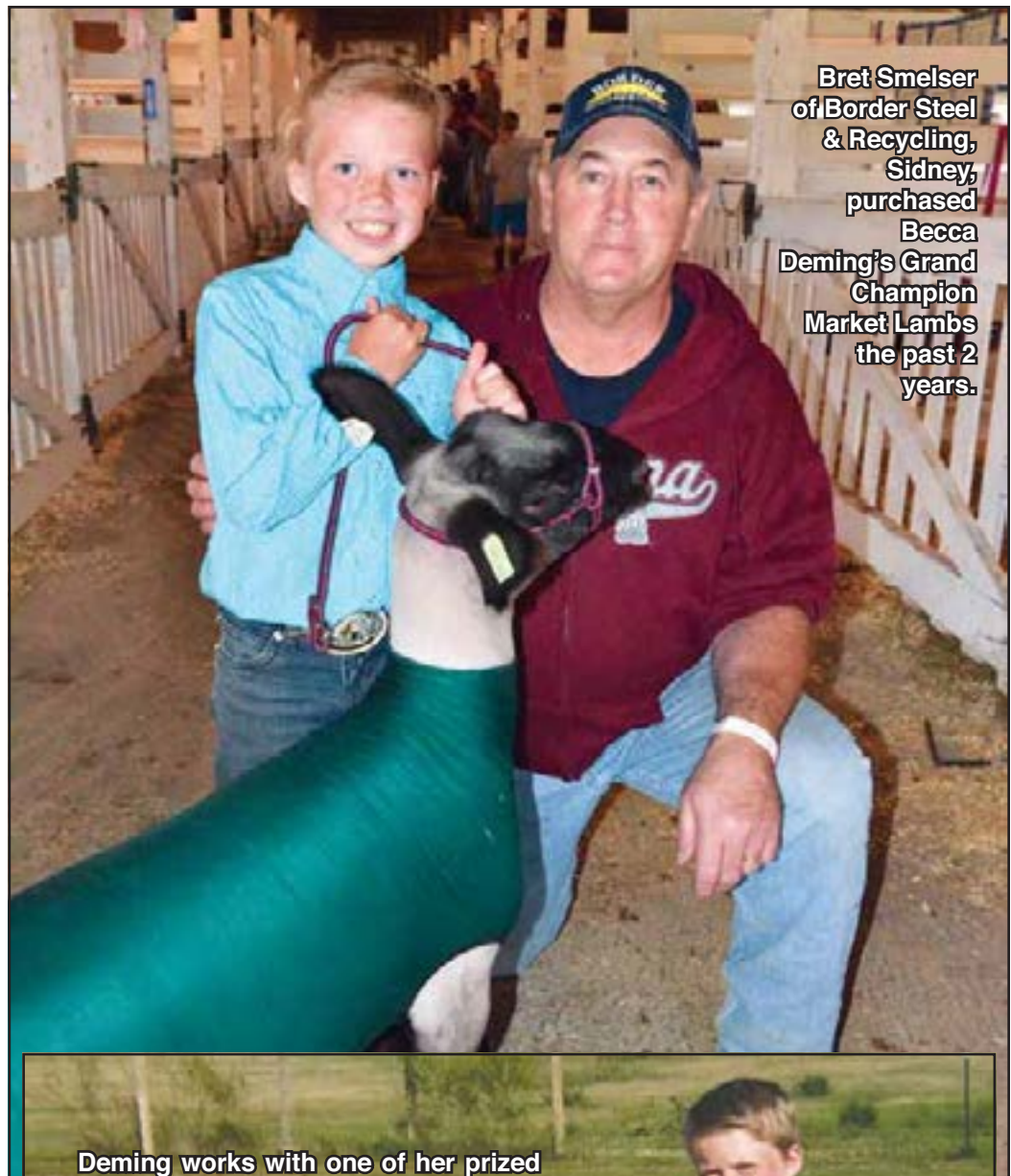
"My favorite part is getting to show the lambs. Getting a lamb is like getting a puppy and selling them is like losing your dog," admits Becca Deming.

However she understands that it is all part of the process and this year James, one of her two lambs, has been bought by Border Steel, who agreed to let her keep James until after NILE in October. Both animals will be entered, James as a heavy weight market lamb.

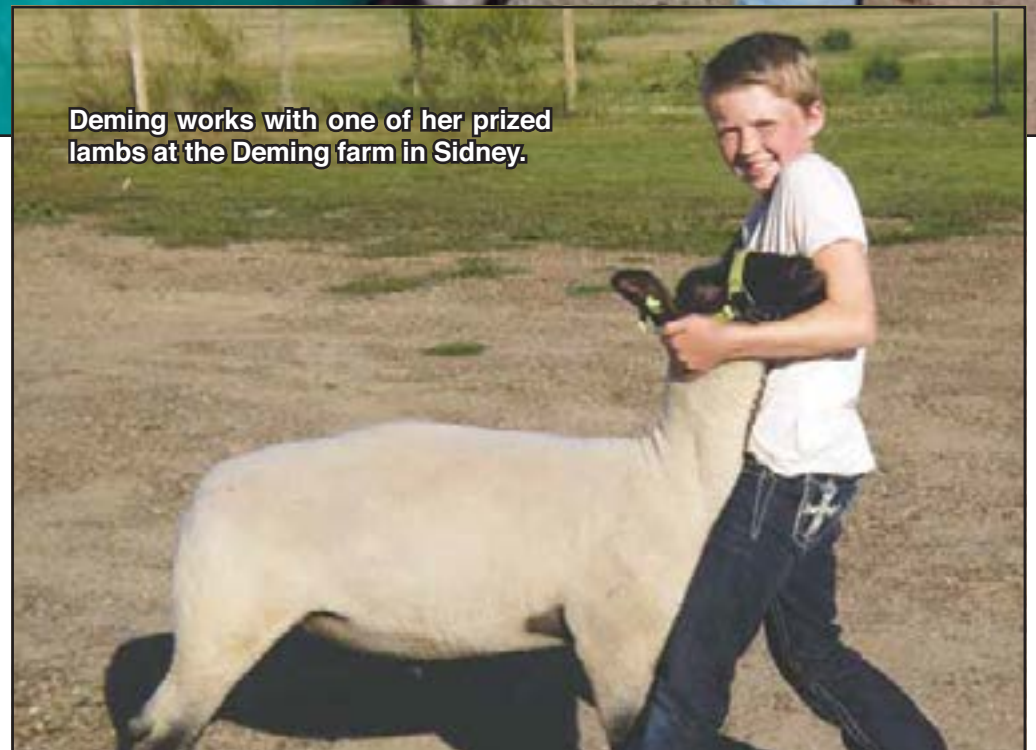
The Demings opened up their property to in-town families that wouldn't be able to participate in 4H otherwise. They keep the animals of three to four other families and get to witness the dedication of the kids who faithfully show up to care for and work with their 4H animals.

"The kids are self-sufficient when it comes to the animals and it's been a great opportunity. They have learned responsibility with adult supervision," notes Kelly Deming.

Becca Deming also showed hogs, beef, her dog Roxie, and has shown horses in the past. She may get the chance to show her beef nationally and is one of only three kids in Richland County who led their own steers to weigh-ins, a testament to her commitment. In 2013 she won Grand Champion Market Lamb, Reserve Feeder Lamb and Grand Peewee Showman. The Demings would like to especially thank Restorx for purchasing her 2013 lamb shown at the NILE competition in 2013; their support for her expanding as a showman has been greatly appreciated. While she admits it takes time and things don't always go your way, she adds that it's been a lot of fun because she has friends around working just as hard and having just as much fun. Friendships have been a big part of her 4H experience this year and she is looking forward to



Bret Smelser of Border Steel & Recycling, Sidney, purchased Becca Deming's Grand Champion Market Lambs the past 2 years.



Deming works with one of her prized lambs at the Deming farm in Sidney.



## MITCHELL BROTHERS REAL ESTATE & SHOP BUILDINGS

# AUCTION

WEDNESDAY, SEPTEMBER 24, 2014, 5:30 P.M.

HIGHWAY 200S FRONTAGE PROPERTY IN GLENDIVE, MT

LOCATION: Glendive, MT---From the West End Cenex on Towne Street, take Highway 200 S for 1.7 miles.

OWNERS: MITCHELL BROTHERS PARTNERSHIP LLC

FOR MORE INFORMATION: RICK 406-485-2548

**\*\* EACH BUILDING WILL BE AUCTIONED INDIVIDUALLY. IT WILL TAKE \*\***  
**\$25,000.00 STARTING BID EXTRA TO TIE THEM ALL TOGETHER AT THE END**

### •LEGAL DESCRIPTION:

Section 32, Township 16N, Range 55E, COS #590, CONT. 7.47 Acres

All (3) BUILDINGS ARE INSULATED and HAVE (2) OVERHEAD DOORS

### BUILDING I

50x101 Behlen Steel Building w/ cement floor & 2' cement up the wall (25x50 Office Space with (5) Offices, (3) Bathrooms)

### BUILDING II

60X101 Behlen Steel Building w/ cement floor & 2' cement up the wall (2-Offices, (2) Baths, (1) Shower, (4) overhead doors), 3 Phase Electricity, Full Petition in middle of building

### BUILDING III

50x101 Behlen Steel Building w/ cement floor & 2' cement up the wall (2-Gib Cranes & 4-ton Overhead Trolley, 200,000# Breakout Unit, (6-Offices, (2) Bathrooms, (1) Shower & Coffee Room)

•**Mineral Rights:** No mineral rights transfer.

•**Water Rights:** All water rights held will transfer.

•**Taxes:** Taxes will be pro-rated from the day of closing.

•**Title Insurance:** Standard owners' title insurance will be provided by the seller through First American Title Holding Company, 204 N Kendrick Ave, Suite 205, Glendive, MT (406)365-5482

•**Terms:** Cash. 10% down sale day, the balance due at closing the week of October 27, 2014 at the offices of Rich Batterman Attorney at Law, 116 W Towne Street, Glendive, MT 406-377-3005, Baker, Mt Office- 406-778-3006

•**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 fail to close, the down payment is non-refundable. If the Sellers fail to close, 100% of the down payment will be returned. At this time there is no known reason that the Sellers would not be able to close. All funds are held in the escrow account of Rich Batterman Attorney at Law, 116 W Towne Street, Glendive, MT 406-377-3005

All information is from sources deemed reliable, but is not guaranteed by the Sellers 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. Announcements made sale day take precedence over any printed materials. The property sells "As is-Where is."

RK Statewide Auction Service and its auctioneers are acting solely as auctioneers for the seller.

**For more information & showings contact:**  
Rick Kniepkamp (406) 485-2548 or (406) 939-1632 cell

RK Statewide Auction Service  
3489 Hwy 200 S  
Lindsay, MT 59339  
www.r-kauction.com

### AUCTIONEER'S NOTE:

**This is an excellent opportunity to own highway frontage property!**  
**If you are looking for an investment property as a rental or for your own business this is the sale for you!! All three buildings are presently rented at this time.**



# RK



**Rick Kniepkamp**

Circle, Montana

**Statewide Auction** (406) 485-2548

WE SELL & ADVERTISE ACROSS THE UNITED STATES

**www.r-kauction.com**

**Rick Kniepkamp (406) 485-2548 or cell (406) 939-1632**

# Buy Local Products & Services In The MonDak Area

## Sugar Factory Serves Area For Almost Nine Decades



The Sidney Sugars Incorporated factory has served the Sidney area since 1925, providing an outlet for farmers to grow and sell sugarbeets. In 2002, American Crystal bought the Sidney factory from Holly Sugar and the Sidney factory became part of the American Crystal Company and took the name Sidney Sugars. Sidney Sugars operates as a wholly owned subsidiary of American Crystal Sugar Company.

Each year Sidney Sugars contracts sugarbeet acres with area growers. Not only does this allow producers to grow a high value crop but it also provides employment at the factory and at the six beet receiving stations located from Powder River to Culbertson. The company generally employs approximately 60 seasonal workers for the beet receiving

stations during harvest each year and hires approximately 120 seasonal employees to work at the factory during the winter months where they produce white sugar for sale around the country. Winter campaigns generally last about four months.

Sidney Sugars has 90 year round employees and has 120 sugarbeet growers.

The company also produces approximately 50,000 tons of pressed pulp each year and 35,000 tons of molasses for sale.

Since 1996, Sidney Sugars has done a lot of renovating to improve sugar production and efficiency. These renovations and additions include ten sugar storage silos, a thick juice tank, lime kiln and slacker modification, and boiler house modification.

### PRAIRIE PACKING & MEATS CO.

- ◆ USDA Inspected Facility
- ◆ Local Beef & Pork 1/2s & 1/4s
- ◆ Custom Slaughter & Processing
- ◆ Choice Steaks, Roasts, Chops & Ground Beef
- ◆ Wholesale to Food Service Businesses



David Slais  
Plant Mgr.

Corner of Hwy 1804 &  
East Bypass in Williston

701-577-6788 • M-F: 7-530 • Sat: 9-Noon • Major Credit Cards Welcome

### We Carry:

- New Steel • Aluminum • Stainless Steel
- Misc. Piano Hinges, Weld On Hinges, Latches



Located Just North of Walmart  
4324 4th Ave. W., Williston  
701-774-2231

### We Have:

- Press Brake
- Shear
- Plasma Table
- Auto Feed Band Saw
- Piranha Iron Worker

### Customer Service is Our #1 Priority



Construction Materials • New Steel • Aluminum & Stainless

Brady Smelser • Tim Mulholland • Kelly Moody • Bret Smelser • Ernie Gawryluk • Ken Syme																
<table border="0"> <tr> <td><b>Sidney</b></td> <td><b>Glendive</b></td> <td><b>Williston</b></td> <td><b>Plentywood</b></td> </tr> <tr> <td>35002 CR 123</td> <td>2703 W. Towne St.</td> <td>13896 W. Front St.</td> <td>Hwy 16 East</td> </tr> <tr> <td>406-433-7737</td> <td>1-800-423-5219</td> <td>1-800-820-5493</td> <td>406-765-2624</td> </tr> <tr> <td>1-855-810-2995</td> <td></td> <td></td> <td></td> </tr> </table>	<b>Sidney</b>	<b>Glendive</b>	<b>Williston</b>	<b>Plentywood</b>	35002 CR 123	2703 W. Towne St.	13896 W. Front St.	Hwy 16 East	406-433-7737	1-800-423-5219	1-800-820-5493	406-765-2624	1-855-810-2995			
<b>Sidney</b>	<b>Glendive</b>	<b>Williston</b>	<b>Plentywood</b>													
35002 CR 123	2703 W. Towne St.	13896 W. Front St.	Hwy 16 East													
406-433-7737	1-800-423-5219	1-800-820-5493	406-765-2624													
1-855-810-2995																


**Rocky Mountain**

Every Time. Every Day.



• Service • Parts • Support • 24/7

5151 Midland Rd. Billings, MT 59101 P: 800.332.7788	1057 Red River Rd. Sidney, MT 59270 P: 406.433.1135
---	---

From the field to the  
table...our quality  
sugar is grown and  
processed in the  
MonDak area.

Always available at your  
favorite grocery outlet.



**Sidney Sugars**  
INCORPORATED



# MSU Students Tie for Second in National Animal Science Competition



MSU recently tied for second place at the National Academic Quadrathlon. Team members, from left, were Ben Stokes, Anna Downen, team adviser Rachel Endecott, Jessica Roloff and Preston Kiehl. (Photo from American Society of Animal Science).

## Submitted by Rachel Endecott

Four students from the Department of Animal and Range Sciences at Montana State University tied for second place in the National Academic Quadrathlon, held July 20-21 in Kansas City, Mo., and Manhattan, Kan. Anna Downen of Columbia Falls, Preston Kiehl of Winnett, Jessica Roloff of Bozeman, and Ben Stokes of Pflugerville, Texas, competed in a four-part contest that consisted of a comprehensive written exam, impromptu oral presentation, hands-on lab practicum, and a double-elimination quiz bowl tournament.

The MSU team competed with four other universities, including Ohio State University, Pennsylvania State University and Texas A&M University. The MSU team won the oral presentation and took second in the lab practicum.

"Anna, Preston, Jessie, and Ben did a fantastic job representing MSU at the contest. I'm extremely proud of them and their hard work. It's exciting that MSU holds our own with much larger schools. It only increases our confidence that our program is turning out students who are well-prepared for their future careers," said team adviser Rachel Endecott.

Three of the four students graduated from MSU in May. Kiehl has one semester remaining and plans to return to his family ranch. Downen now lives in Fairview and works at a Sidney veterinary clinic. Roloff works on a ranch near Lewistown. Stokes is starting a master's degree at Iowa State University.

The national contest was held in conjunction with the 2014 joint annual meeting of the American Society of Animal Science, American Dairy Science Association, and Canadian Society of Animal Science.



As you spray, fence or put up hay, we're here to help you get the equipment, facilities and operating cash you need to grow.

Visit with our ag lending professionals to help you build your operation.

Give us a call: we'll provide peace of mind to keep you growing in today's farm and ranch economy.



KURT NEILSON



DUSTY BERWICK



BOB RUDE



AARON GRANLEY



Banking, the American State Way.

**774-4100 • [www.asbt.com](http://www.asbt.com)**

223 Main Street • Williston, North Dakota



**SATURDAY,  
OCTOBER 4, 2014  
10:00 A.M.**

**LOCATION: JORDAN, MT- Take Highway 245 towards Brusett  
for ¼ mile, turn right for ¼ mile. Roads will be marked.  
OWNER: DALLAS COLVIN (406) 557-6280 OR 406-977-6280  
Lunch will be available.**

# EQUIPMENT & CONSTRUCTION RETIREMENT AUCTION



## EQUIPMENT

- 1983 CAT 140G Road Grader, good radial tires, serial # 72V05650
- Wing Blade for CAT 140G
- Rear Ripper for No. 12 Road Grader
- CAT No. 12 Road Grader w/14' moldboard, serial # 7220
- CAT No. 12 99E Mucker EL A Grader
- CAT No. 12 Mucker EL A Grader, serial # 8T7787
- 1997 CAT model 615C series II 16 yard Paddle Wheel Scraper, hydraulic axle suspension, cab w/heater, nearly new rubber on back, new chains & sprockets, serial # X9XG00866X

## CRAWLERS, LOADERS, EXCAVATOR & BACKHOE

- 1973 CAT D8H 46A Semi U Dozer, hydraulic tilt, cab w/heater, serial # 29715
- Rogers Dozer Ripper (fits D8 Dozer)
- Allis Chalmers HD16 DP, power shift, 11 ½' blade, cable lift, hydraulic tilt
- CAT 980C 6-yard Loader, serial # 63X1514
- Trojan 4000 Loader, 4 ½-yard, good tires, 3406 CAT engine, serial # 76-4084
- CAT 225 Excavator w/mechanical thumb, serial # 51U3285
- CAT No. 80 Cable 18-yard Scraper w/flat bottom
- CAT 426 Extend-a-Hoe Backhoe w/frontend Loader, 5910 hours, serial # 7BC01914



## CRANE, SKID STEER & FORK LIFTS

- Pettibone 30,000 # Crane, tires are like new
- NH 125 Skid Steer w/Ford Mustang motor & Skid Steer Forks
- Hyster dual wheel Fork Lift, 8,000# Lift
- Allis Chalmers dual wheel Fork Lift, pneumatic tires, 5,000# Lift



## FUEL TANKS & MISCELLANEOUS

- 10,000 gallon Vertical Fuel Tank
- 5,000 gallon Vertical Fuel Tank
- 300 & 500 gallon Fuel Tanks w/steel Stands
- Gas Boy Key Pump
- Fuel Pump w/Fuel Meter & Honda GX160 motor
- Hercules Diesel Motor w/Fuel Tank & 6" Water Pump
- Kato 75,000 watt Generator w/Allis Chalmers Diesel Motor, 220/440V 3 Phase
- (2) CAT Cable Control Units
- (10) 54' REA Poles
- Lots of Guard Rail
- (2) 29.5x25 Tires (35%)
- D8 Canopy
- Degelman 12' Frame & Blade
- Antique Climatrol Coal Stove
- (2) Small V Plows
- 1 & 3 Bottom Plows
- Antique Slip

**AUCTIONEER'S NOTE: Dallas has been in the construction business 50 years and has decided to retire and liquidate his entire line of equipment. He has maintained and taken great pride in his equipment! It is ready to "go to work for you." Don't miss this sale! See you on October 4th! Rick**

## SCREENING PLANT, CRUSHER & CONVEYORS

- Power Screen Screening Plant, model W27 273
- Pioneer Crusher w/Detroit diesel
- Grizzly Conveyor w/Wisconsin V4
- 18" 40' Electric Conveyor
- 18" 20' Electric Conveyor



**RK**  
**Rick Kniepkamp**



Circle, Montana **Statewide Auction** (406) 485-2548

WE SELL & ADVERTISE ACROSS THE UNITED STATES

**www.r-kauction.com**

**Rick Kniepkamp (406) 485-2548 or cell (406) 939-1632**

All information is from sources deemed reliable, but is not guaranteed by the Sellers 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. Announcements made sale day take precedence over any printed materials. The property sells "As is-Where is." RK Statewide Auction Service and its auctioneers are acting solely as auctioneers for the seller.

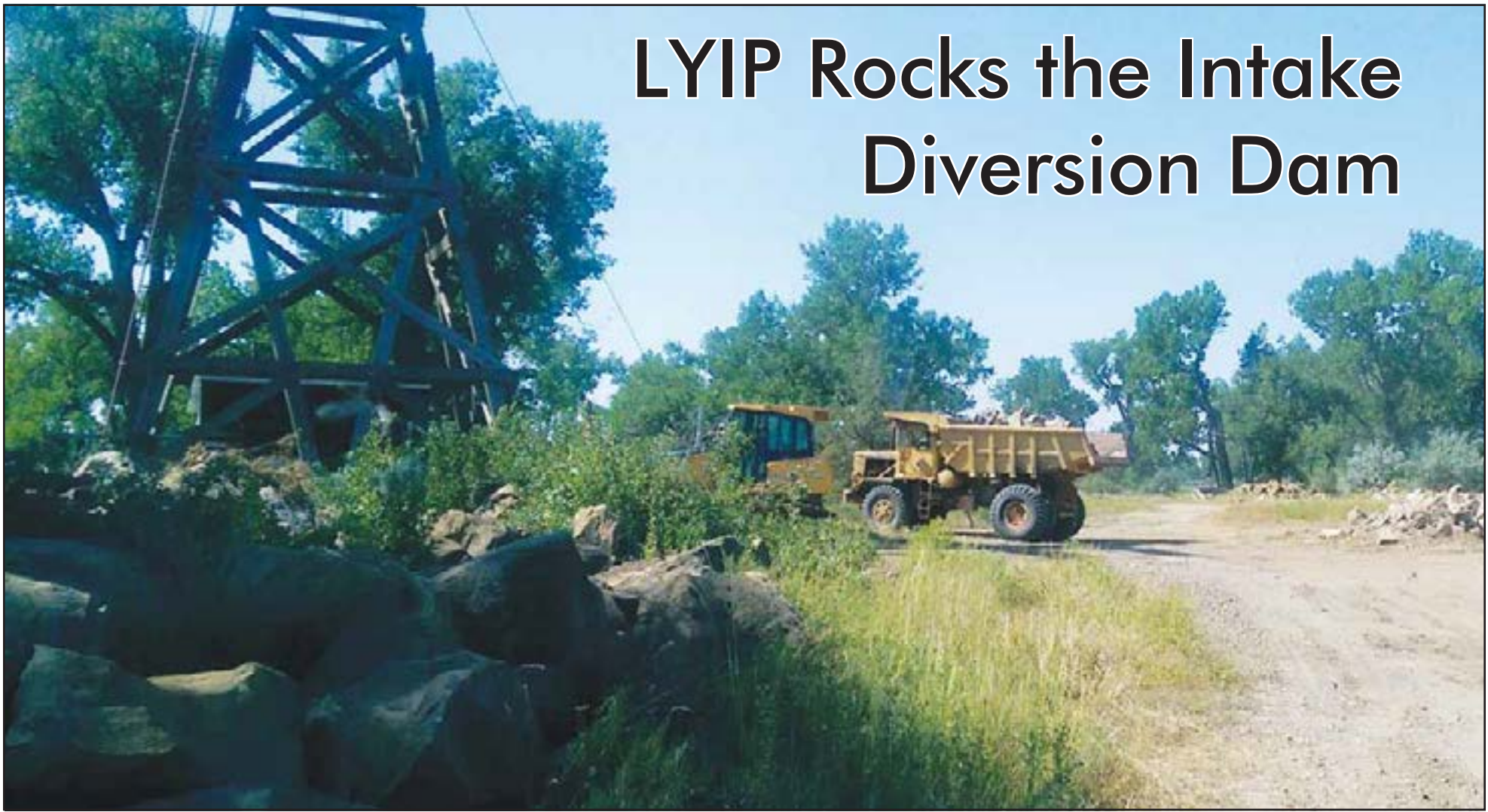
## Kostelecky Wins Grand Champion Market Beef

Tana Kostelecky was awarded Grand Champion Market Beef at the 2014 Richland County Fair on August 2. Pictured left is Kostelecky with her buyers Luke Weiss (left) and Randy Jensen of Chaznline. Middle left: Winning Grand Champion Market Hog was Bode Deming pictured with his buyers Netty Johnson (left) and Paul Severson of CHS Farmers Elevator. Bottom left: Winning Grand Champion Market Lamb was Becca Deming. Not pictured is her buyer Bret Smelser of Border Steel.



## In Honor of Brodie

Shane Gorder (left) and his daughter Brielle auctioned off this steer at the 4H Livestock Auction held during the Richland County Fair on August 2 in memory of Gorder's son Brodie. Brodie Gorder passed away last year. This 1200 lb. steer was sold to Barry and Nancy VanHook for \$41 per pound. The VanHooks donated the beef back to then be sold again to XTO Energy for \$35 per pound. The money raised will be used for a scholarship in Brodie Gorder's memory for youngsters 9 and 10 years old to build on as they move up through their school careers.



# LYIP Rocks the Intake Diversion Dam

**By Dianne Swanson**

The recent heavy rains, and a breakdown temporarily stopped the critical rocking process of the Intake diversion dam by Lower Yellowstone Irrigation. By August 14, the river level over the dam was approximately 2.9 feet and rising due to both the rocking and the rain.

In 2012, the last year when rocking was permitted, 15,000 cubic yards of sandstone boulders were used to bring the height up to 2.5' above the dam. The 2012 rocking was extensive after the flooding of 2011. This year, the ice jams removed all

the rock from the top of the dam. Approximately 750 cubic yards of rock have been placed so far, with another 200 planned after the water level drops down as added protection for the dam structure.

Rocking was not permitted in 2013 and water dropped below the full water right level. This year, rocking was delayed by negotiations with the Montana State Historical Preservation office. By August 6, water was at 1.7' above the dam with the gates 90% open. Once rocking began, the water level immediately started to rise and by August 8, the level was 2' above the dam.

## NILE Offers 2014 Internships

**Submitted by Kelsi Gambill, Programs Administrator  
Northern International Livestock Exposition**

The Northern International Livestock Exposition (NILE) is now taking applications for participants in the 2014 NILE Internship Program. The Internship program provides the opportunity to gain training and work experience in the livestock and equine industries as well as events based business through The NILE Stock Show and Rodeo, a non-profit organization.

During the program duration, interns will have the opportunity to assist in all aspects of event planning and execution for The NILE Stock Show and Rodeo.

"Being an intern with NILE helped me grow as a person and potential employee in the livestock industry, says Tierra Kessler, a 2013 NILE Intern. "I learned a lot about running a stock show and working on a team to put on an event. It gave me a greater appreciation for the staff of every show I've ever been to, because I learned just how much work it is to run these events."

The NILE will select multiple college students to serve as 2014 interns. Interns will be hired in the areas of Competitive Event Internship-Livestock Emphasis, Competitive Events Internship-Equine Emphasis, Rodeo Relations and Media Relations. The Media Relations position is new for 2014, centered on marketing and promoting the NILE through various media outlets.

Interns will have the opportunity to earn financial scholarships through the NILE Foundation. Scholarships will be awarded to interns upon successful completion of the internship.

Any college aged student who is a sophomore, junior or senior is eligible to apply with preference given to those with an agricultural degree program or background.

All applications must be in the NILE Office by September 5, 2014 and interns will be announced shortly thereafter. An application is available online at [www.thenile.org](http://www.thenile.org) or by calling the NILE office at 406-256-2495.



# COLLECTIBLE TRACTOR AUCTION

LOCATION: CULBERTSON, MT- NORTHEASTERN MONTANA THRESHING BEE GROUNDS  
OWNER: BOB BAHL 406-488-5833 OR 406-489-0428 cell

SUNDAY, SEPT. 28, 2014 ■ 3:00 P.M. (after the parade)



## FARMALL TRACTORS & CO-OP TRACTOR

- 1941 Farmall H Tractor, PTO, narrow front, good tires
- 1943 Farmall H Tractor, PTO, narrow front, good tires, long axle
- 1945 Farmall H Tractor, PTO, narrow front, original tires (worn), single front wheel
- 1946 Farmall H Tractor, PTO, narrow front, new tires, good paint
- 1951 Farmall H Tractor, PTO, narrow front, great tires, good yard tractor
- 1940 Farmall H Tractor, PTO, narrow front, fair tires
- 1953 Farmall M Tractor, PTO, wide front, good tires, 3 pt w/down pressure, 3 pt hitch
- 1951 Farmall M Tractor, PTO, wide front, tires (weather checked), new clutch
- 1950 Farmall M Tractor, PTO, narrow front, good tires
- 1954 Farmall MG diesel Tractor, gas start, PTO, wide front, good tires, 3 pt hitch, hydraulics
- 1940 Farmall M Tractor, PTO, narrow front, tires okay, "Pearl" steering wheel
- 1942 Farmall H Tractor, PTO, narrow front, good tires
- Co-op #3 Tractor, PTO, wide front, good radial tires, truck rear end

## AUCTIONEER'S NOTE

Bob has been collecting tractors for \_\_\_ years. All the tractors are in running condition. Nearly all of the John Deere Tractors have been kept inside. This is a tractor collectors "dream auction". Hope to see you after the parade on SUNDAY, SEPT. 28TH!!! Rick



## JOHN DEERE TRACTORS

- 1941 JD G Tractor, PTO, narrow front, tires okay, hand crank
- 1950 JD G Tractor, PTO, narrow front, good tires, electric start, hydraulics
- 1947 JD G Tractor, PTO, wide front, good tires
- 1940 JD A Tractor, PTO, narrow front, good tires, hand crank, serial # 536280
- 1941 JD A Tractor, PTO, narrow front, good tires, hand crank, serial # 547021
- 1953 JD AR Tractor, PTO, wide front, new tires, electric start, serial # 282204
- 1952 JD G Tractor, PTO, narrow front, nearly new tires, electric start, new paint, serial # 46877
- 1957 JD 720 Black Dash Diesel Tractor, PTO, worn tires, wide front, standard, power steering, serial # 7224348
- 1952 JD R diesel Tractor, PTO, wide front, good tires, serial # 10949
- 1954 JD R diesel Tractor, PTO, wide front, new paint (completely overhauled) serial # 21454
- 1955 JD 80 diesel Tractor, good tires, power steering (completely overhauled) serial # 8003172



**RK**  
Rick Kniepkamp



Circle, Montana

Statewide Auction

(406) 485-2548

WE SELL & ADVERTISE ACROSS THE UNITED STATES

[www.rk-auction.com](http://www.rk-auction.com)

Rick Kniepkamp (406) 485-2548 or cell (406) 939-1632

# Follow the Regulations on the Use, Labeling & Sale of Cover Crops in ND

## NDSU Agriculture Communication

The days of going to the local elevator and buying common oats or barley to spread as a cover crop are gone.

Increasing interest in cover crops, especially mixtures of crop varieties, is generating questions from producers, seed retailers and seed variety owners. All seed sold for use as a cover crop must be labeled according to state seed laws.

"Most varieties of cereals and legumes utilized in cover crops are protected by intellectual property laws," says Ken Bertsch, North Dakota's state seed commissioner. "Plant variety protection (PVP) and plant patents granted to variety owners prohibit the unregulated purchase and/or sale of most of these seed products and must be observed when buying or selling seed that is used for any purpose. The days of going to the local elevator and buying common oats or barley to spread as a cover crop are gone."

Seed laws and variety protection laws can be confusing, but there are some general rules that apply in nearly every case:

If the seed is being sold, whether for commercial crop production or cover crop use, it must be labeled. The label must include seed purity, germination, noxious weed seed amounts and name of the seed variety (when applicable under seed law).

In most cases, if a farmer wishes to use his own grain as a fallow cover crop, he may do so without restriction. PVP language includes a "saved seed" provision, which means cereal crop varieties (commonly used as cover or in a cover mix) may be replanted on your farm. However, seed that is protected by any version of PVP may not be sold or transferred to another party without the approval of the variety owner. This "replant provision" does not apply to seeds that are protected by a patent. Patent protection is more common in the marketing of soybean and corn seed.

If the seed is being sold as a cover crop mixture or blend, each of the components must be tested, listed and labeled appropriately.

"The issue of the sale of cover crop mixtures is more complex if the mixture

contains a PVP Title V variety," Bertsch says. "PVP Title V requires that the seed only be sold as a class of certified seed (foundation, registered or certified) and be labeled accordingly. However, when certified seed is mixed with noncertified seed, the resulting mixture no longer is certified and cannot be represented as such on labels or containers."

Certified and noncertified seeds may be used in mixes if the following requirements are met:

The seller obtains permission from the variety owner to use the protected variety in a mixture.

The seller uses a PVP Title V variety that has been certified by an official seed certification agency, such as the State Seed Department, and labels the seed as a protected variety.

The seller retains proper records of the seed mixture and its components. It

also is advisable for the purchaser to retain labels/records of seed purchased for cover crop use.

Any questions regarding variety protection, seed labeling or seed laws can be directed to the State Seed Department at (701) 231-5400. State seed laws may be found at <http://tinyurl.com/ndslaws>.

**This sample label is acceptable for a variety mix used for any purpose, including cover crop and forage.**

<b>MIXTURE NAME:</b> Joe's Barley/ Pea Mixture Lot # J473			
<b>VARIETY/KIND:</b>	<b>ORIGIN:</b>	<b>PURE SEED</b>	<b>GERMINATION</b>
Lacey Barley*	MN	49%	90%
Trapper Pea	ND	49%	85%
0.1% Weed Seed	0.1% Other Crop Seed	1.8% inert matter	Net Weight: 50 lbs.
<b>NOXIOUS WEED SEEDS:</b> None			
<b>GERM. TEST DATE:</b> (Month/Year) 01/14			
*US Protected Variety – Unauthorized Propagation Prohibited			
Joe's Seed Company			
address			

## Solutions for your success.



**horizonresources**

*Solutions for your success.*

Contact your local Horizon  
Resources Agronomy Division  
for your application needs  
this coming fall!

**Williston, ND**

701.572.8354 • 866.572.8354

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

**Wildrose, ND**

701.539.2272

**Zahl, ND**

701.694.4111

**Culbertson, MT**

406.787.6606

**Fairview, MT**

701.844.5775

**Savage, MT**

406.776.2489



## *Visiting Physicians*

### • September 2014 •

- 4 - **Dr. Mark Noel**  
- ENT/Audiology Services
- 8 - **Dr. Aaron Albers**  
- Podiatrist
- 9 - **Dr. Erdal Diri**  
- Rheumatologist
- 11 - **Dr. Emad Dodin**  
- Interventional Cardiology
- 18 - **Dr. Mark Noel**  
- ENT/Audiology Services
- 22 - **Dr. Aaron Albers**  
- Podiatrist
- 23 - **Dr. Erdal Diri**  
- Rheumatologist
- 30 - **Dr. Samir Turk**  
- Pacemaker Check

*To make an appointment with any of these specialists, call 701-572-7711.*

1321 W. Dakota Parkway  
Williston, ND  
701-572-7711  
1-800-735-4940

**Re-Inventing  
Health**



**SIDNEY LIVESTOCK MARKET CENTER**

406-482-3513 • WWW.SIDNEYLIVESTOCK.COM

## **Customer Appreciation Barbecue!**

**September 24<sup>th</sup> at 12 Noon**

Enjoy the Sale &  
the Great Food!



### **SALES EVERY WEDNESDAY**

Sept 3rd..... NO SALE  
 Sept 10th.....All Class Cattle Sale 10:00am  
 Sept 17th.....All Class Cattle Sale 10:00am  
 Sept 19th.....**One & only Sheep Sale of the Year  
 plus Horse Sale 12:00pm**  
 Sept 24th..... All Class Cattle Sale 9:00 AM & Yearling Special 11:00am  
 Oct 1st.....All Class Cattle Sale 10:00am  
 Oct 8th.....All Class Cattle Sale 10:00am  
 Oct 15th..... Feeder Calf Special & All Class Cattle Sale 9:00am  
 Oct 22nd..... Feeder Calf Special & All Class Cattle Sale 9:00am  
 Oct 29th..... Feeder Calf Special & All Class Cattle Sale 9:00am  
 Nov 5th..... All Class Cattle Sale 9:00 AM & 1st Annual Bar JV Angus  
 Calf Sale ~ Featuring calves sired by Vitt Angus Bulls 2:00pm

**Tim Larson: 406-480-2666 Mobile | Roger Nygaard: 406-650-7410 Mobile**



*Working hard to build a competitive marketplace for your livestock.*

# Consider Pros, Cons of Alternative Grain Storage Methods

## NDSU Agriculture Communication

All storage options should keep the grain dry and provide adequate aeration.

With a considerable amount of last year's grain crop still in storage, and a bumper crop and low prices this year, the demand for grain storage is high.

"Grain can be stored in many types of facilities," North Dakota State University Extension Service agricultural engineer Ken Hellevang says. "But all storage options should keep the grain dry and provide adequate aeration to control grain temperature."

Grain must be dry and cool (near the average outdoor temperature) when placed in alternative storage facilities because providing adequate, uniform airflow to dry grain or cool grain coming from a dryer is not feasible, according to Hellevang.

## Structural Issues

Grain pushing against the walls can damage buildings not built for grain storage. To estimate the amount of force that grain exerts on a wall, multiply the grain depth by the grain's equivalent fluid density (EFD). For example, the force pushing against the base of a 5-foot wall of a structure containing corn would be about 115 pounds per linear foot of the wall (5 feet x 23 pounds per cubic foot = 115 pounds per linear foot).

The wall must be anchored securely, and its structural members must be strong enough to transfer the force to the building poles or support structure without breaking or excessive bending. The total force per linear foot on the wall is the force at the base multiplied by the grain depth divided by two.

For this example, the total force is 288 pounds per linear foot ( $115 \times 5 / 2$ ). In a pole building with poles spaced 8 feet apart, the force against each pole is 2,304 pounds ( $288 \times 8$ ). Typically, you'll need additional poles and a grain wall to support the grain force in a pole building.

Before placing grain in a building previously used for grain storage, look for anything out of alignment, such as the wall bowing. Also check the roofline. Bowing or bending indicates the load on the building exceeds the load for which it was designed and built.

Examine connections for separation or movement. A connector failure can lead to a building failure. You may need to reinforce the connection by adding a gusset or splice.

## Storing in Bags

Storing grain in poly bags is a good option, but it does not prevent mold growth in damp grain or insect infestations, Hellevang says. Grain should be placed in the bag at recommended storage moisture contents based on grain and outdoor temperatures. Heating will occur if the grain exceeds a safe storage moisture content. Because the grain cannot be aerated to control heating, do not bag damp grain. The average temperature of dry grain will follow the average outdoor temperature.

Select an elevated, well-drained site for the storage bags, and run the bags north and south so solar heating is similar on both sides of the bags. Sunshine on just one side heats that side, which can lead to moisture accumulation in the grain on the cool side. Wildlife can puncture the bags, creating an entrance for moisture and releasing the grain smell, which attracts more wildlife. Monitor the grain temperature at several places in the bags.

## Grain Piles

Grain frequently is stored short term in outdoor piles. However, precipitation is a severe problem for uncovered grain because grain is very porous. A 1-inch rain will increase the moisture content of a 1-foot layer of corn by 9 percentage points. This typically leads to the loss of at least a couple of feet of grain on the pile surface, which is a huge loss.

For example, a cone-shaped pile 25 feet high is approximately 59,000 bushels of grain. Losing just 1 foot of grain on the surface is a loss of about 13 percent of

the grain, which is \$39,000 if the grain value is \$4 per bushel.

Hellevang strongly recommends using a cover to prevent water infiltration. Aeration and wind blowing on the pile generally will not dry wet grain adequately to prevent spoilage.

Drainage is critically important to the success of any grain storage. About 25,000 gallons of water will run off an area about 100 by 400 feet during a 1-inch rain. This water must flow away from the grain and the area next to it. Examine the entire area to assure that flooding will not occur during major rain events.

The outdoor ground surface where grain will be piled needs to be prepared with lime, fly ash, cement or asphalt to prevent soil moisture from reaching the grain. The storage floor also should be higher than the surrounding ground to minimize moisture transfer from the soil into the grain. Make sure the ground surface is crowned so moisture that does get into the pile drains out rather than creating a wet pocket that leads to grain deterioration.

Look for anything out of alignment in a bunker or bulkhead wall. Any twisting, flexing or bending of a structural member may lead to a failure. Also examine connections for any separation or movement, and reinforce them if necessary. Look for any material deterioration as well, and repair rotted, rusted or corroded members.

## Grain Covers

A combination of restraining straps and suction from the aeration system holds grain covers in place. However, you must provide adequate airflow through the grain to control grain temperature. Place perforated ducts on the grain under the cover to provide a controlled air intake for the aeration system and airflow near the cover to minimize condensation problems under the cover. Properly sized and spaced ducts are placed under the pile to pull air through the grain. If you use a perforated wall, it should permit airflow through the grain but minimize the amount of open area so the air does not "short-circuit" to the fan.

Wind velocity will determine the amount of suction you need to hold the cover in place. Some control systems measure wind velocity and start fans based on the wind speed. Backup power may be used to assure that the cover is held down during power outages. Check the backup power to make sure it starts when needed.

## Cooling Stored Grain

Cool grain with aeration to reduce the insect infestation potential. Insect reproduction is reduced at temperatures below about 60 F, insects are dormant below about 50 F, and insects can be killed by extended exposure to temperatures below about 30 F.

Cooling grain as outdoor temperatures cool will reduce moisture migration and the condensation potential near the top of the grain pile. Grain moisture content and temperature affect the rate of mold growth and grain deterioration. The allowable storage time approximately doubles with each 10-degree reduction in grain temperature.

For example, the allowable storage time for 17 percent moisture corn is about 130 days at 50 F and about 280 days at 40 F. The grain should be cooled whenever the average outdoor temperature is 10 to 15 degrees cooler than the grain. It should be cooled to near or below 30 degrees for winter storage, depending on available air temperature.

Aeration ducts need to have perforations sized and spaced correctly for air to enter and exit the ducts uniformly and obtain the desired airflow through the grain. Space aeration ducts equal to the grain depth to achieve acceptable airflow uniformity.

For more information, do an online search for NDSU grain drying and storage.



# Keep Your Equipment Running This Fall With Shell Lubricants



To protect your equipment and your livelihood, rely on premium Shell oils and fluids: Rotella® T Multigrade Motor Oils, SPIRAX® HD Gear Oils, RETINAX® WR2 Greases, DONAX® TD Transmission Fluids and SHELLZONE® All-Season Antifreeze. So you can stay out of the shop and in the fields.

**CROSS PETROLEUM**  
24 Hour Self Serve Pumps • Most Major Credit Cards As Well As Our Local Card Accepted.

901 3rd St NE • Sidney, MT (On the truck bypass) | 406-433-4376

Call us for all your gas, fuel and LP needs for fall



## Energy/Heating Division Hours of Operation:

Monday - Friday: 7:00am - 6:00pm

Saturday: 8:00am - Noon

Located at 242 W Main St • New Town

Needing tire repair? Look no further than our on-location tire repair truck!

## Service Division Hours of Operation:

Monday - Friday: 8:00am - 5:30pm

Saturday: 8:00am - Noon

Located at 105 W Main St • New Town



United prairie  
cooperative

888.627.3949 | [www.unitedprairie.coop](http://www.unitedprairie.coop)

*Serving You in Western North Dakota Since 1929*

# EQUIPMENT LIVESTOCK

# Rates

as low as  
**3.5%\*** APR



**NCUA**



\*Terms and conditions apply. Loans subject to approval.  
Rates may vary based on credit worthiness. Rates subject to change.

And the personal services  
you've come to expect from our  
Ag Loan Specialists



**Western Cooperative  
CREDIT UNION**

**WILLISTON:**

1300 BISON DRIVE • 215 WASHINGTON AVE.  
572-4000 • 1-800-584-9220

**RAY:**

10 MAIN ST • 568-3663

[WWW.WCUU.ORG](http://WWW.WCUU.ORG)

# MT FSA: USDA Sending Acreage History and Yield Reports to Help Producers Prepare for New Farm Bill Programs

Submitted by Kent Politsch

U.S. Department of Agriculture (USDA) Farm Service Agency (FSA) Administrator Juan M. Garcia announced today that farmers should start receiving notices updating them on their current base acres, yields and 2009-2012 planting history. The written updates are an important part of preparing agricultural producers for the new safety net programs established by the 2014 Farm Bill.

"We're sending these reports to make sure that farmers and ranchers have key in-

formation as they make critical decisions about programs that impact their livelihood," said Garcia. "It's important that producers take a few minutes to cross check the information they receive with their own farm records. If the information is correct, no further action is needed at this time. But if our letter is in-

complete or incorrect, producers need to contact their local FSA county office as soon as possible."

Verifying the accuracy of data on a farm's acreage history is an important step for producers enrolling in the upcoming Agriculture Risk Coverage (ARC) program and the Price Loss Coverage (PLC) program. Later this summer, farmers and ranchers will have an opportunity to update their crop yield information and reallocate base acres.

"We're working hard to prepare and educate farmers on the new programs created by the 2014 Farm Bill," added Garcia. "I encourage producers to bring their USDA notice to any scheduled appointments with the local FSA county office. This will help ensure they have the information they need with them to discuss the available program options."

By mid-winter all producers on a farm will be required to make a one-time, unanimous and irrevocable election between price protection and county revenue protection or individual revenue protection for 2014-2018 crop years. Producers can expect to sign contracts for ARC or PLC for the 2014 and 2015 crop years in early 2015.

Covered commodities include barley, canola, large and small chickpeas, corn, crambe, flaxseed, grain sorghum, lentils, mustard seed, oats, peanuts, dry peas, rapeseed, long grain rice, medium grain rice (includes short grain rice and temperate japonica rice), safflower seed, sesame, soybeans, sunflower seed, and wheat. Upland cotton is no longer a covered commodity.

## Roundup

### WEB.COM

*Everything Roundup on the web*

Comment on stories and "Like" them on Facebook directly from our site. Share our site by email, Facebook, Twitter, LinkedIn and many more social networks.

## Authorized

# KENWOOD

## Dealer

*Get Your Radios  
Ready For  
Harvest Time!*

**Call Larry Today At...**

# ADVANCED COMMUNICATIONS



### Handhelds

TK-2402  
Handheld 5 watts w/scan

**\$289**

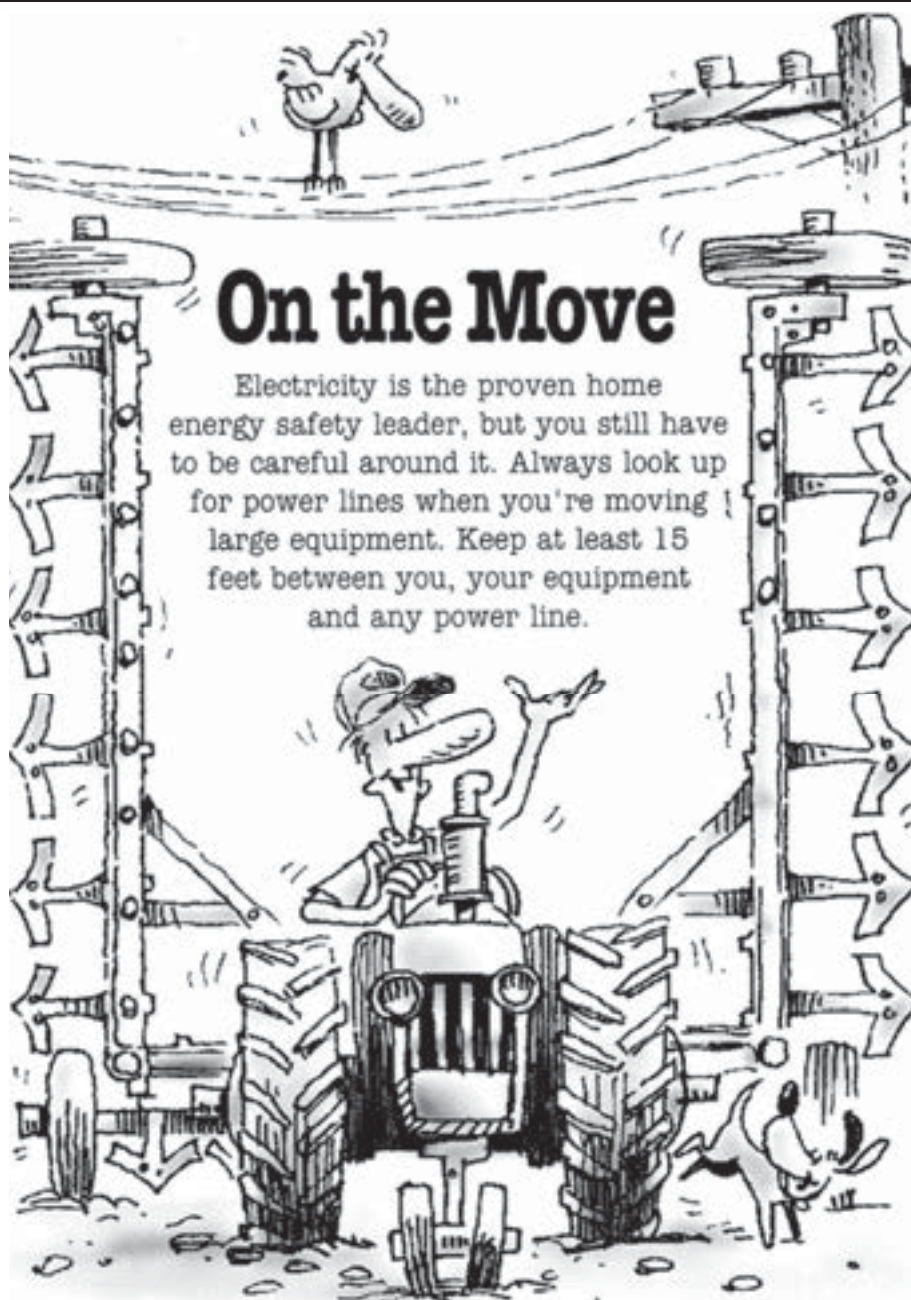


### Mobile Radios

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

**"Your communication headquarters"**

**Mobile Radios • Pagers • Satellite Telephones**  
Just North of McDonald's • Sidney, MT | 406-433-1659 • Toll Free: 1-866-433-1659



## On the Move

Electricity is the proven home energy safety leader, but you still have to be careful around it. Always look up for power lines when you're moving large equipment. Keep at least 15 feet between you, your equipment and any power line.

## Enjoy Your Harvest & Work Safely!

We will hold our  
**Coat & Food Drive**  
the month of October!



**Lower Yellowstone REA**

3200 W Holly • Sidney • 406-488-1602 • [www.lyrec.com](http://www.lyrec.com)

Your Touchstone Energy® Cooperative



## See Us For All Your Driveline Components



## TRI-COUNTY IMPLEMENT

Sidney, MT • 2429 W. Holly • 406-488-4400  
1-800-624-6540 • Visit our web site at [tri-cnty.com](http://tri-cnty.com)

©

FINANCING PROVIDED BY

**CNH CAPITAL**  
LENDING | LEASING | CREDIT CARDS | INSURANCE

**CASE IH**  
AGRICULTURE

2014 CNH America LLC. All rights reserved. Case IH is a registered trademark of CNH America LLC. CNH Capital is a trademark of CNH America LLC. [www.caseih.com](http://www.caseih.com)



## See Us For Fall Maintenance For Your Pivots!



## Sidney



**Yancey Hermanson**  
Pipeline Supervisor &  
Equipment Operator



**Cody Fulton**  
Valley Salesman  
& Engineer



**Clayton Gentry**  
Pipeline Crewman



**Ryan Dore**  
Pipeline Fabrication  
& Welding



**Jonathan Goetz**  
Valley Service  
Technician

## Miles City



**Jerry Decker**  
Service Manager



**Craig Miller**  
Assistant Manager

### Your Full Turnkey Valley® Dealer Also Offering These Services:

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

**“WE CAN DO IT ALL!  
No SUBS NEEDED.”**

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

<b>Sidney, MT</b>	:	<b>Williston, ND</b>	:	<b>Miles City, MT</b>
1775 S. Central Ave.	:	3105 - 2nd St. W	:	2106 S. Haynes Ave.
406-488-8066	:	701-572-0767	:	406-234-2309