

Information Provided During Dryland Field Day In Sidney

By Bill Vander Weele

A wide variety of topics were covered during the dryland field day presented by the Sidney ARS and MSU EARC on Friday.

Phil Bruckner, professor/wheat breeder from MSU Bozeman, presented the feature presentation on the EARC stops by discussing varieties of winter wheat.

Bruckner said that officials expect to see high levels of winter kills at the locations in Sidney and Williston.

"It's good for a research standpoint, but not so good if you're growing wheat," Bruckner said.

He notes varieties come from a variety of locations including Colorado and the Pacific West. "Some aren't hearty enough to flourish here," Bruckner explained.

He listed the top varieties in the area during the last year. Top seed varieties included Jerry, CDC Falcon, Decade, Yellåwstone, Northern, Colter and Broadview

Bruckner said new winter wheat varieties being studied by MSU include Northern

and Lola. "The northern is more similar to Yellowstone as far as appearance and expectations," Bruckner said. "I think it has a lot of potential."

The EARC stops also included Frankie Crutcher discussing her research interests, Sherry Turner providing an orange blossom wheat midge trapping update, Chengci Chen talking about herbicide residuals affecting pulse crop germination and growth and Yesuf Mohammed and Reza Keshavarze Afshar discussing macro- and micro-nutrients study for cereal and pulse crops.

The ARS stops featured Extension agent Tim Fine talking about weed identification and Marestail control, Roger Ashley providing a cross slot drill demonstration, Brett Allen discussing warm season legumes, a national oilseeds project and diversified cereals with pulses and oilseeds study, Jay Jabro talking about water use efficiency and Natalie West discussing a cooperative model for preventing resistant weed invasions.



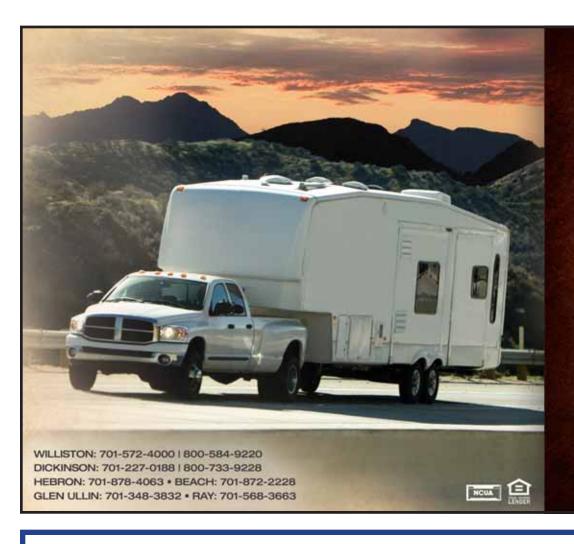
Chengci Chen talks about herbicide residuals affecting pulse crop germination and growth



Phil Bruckner provides information about winter wheat.



Yesuf Mohammed discuss macro- and micro-nutrients study for cereal and pulse crops.



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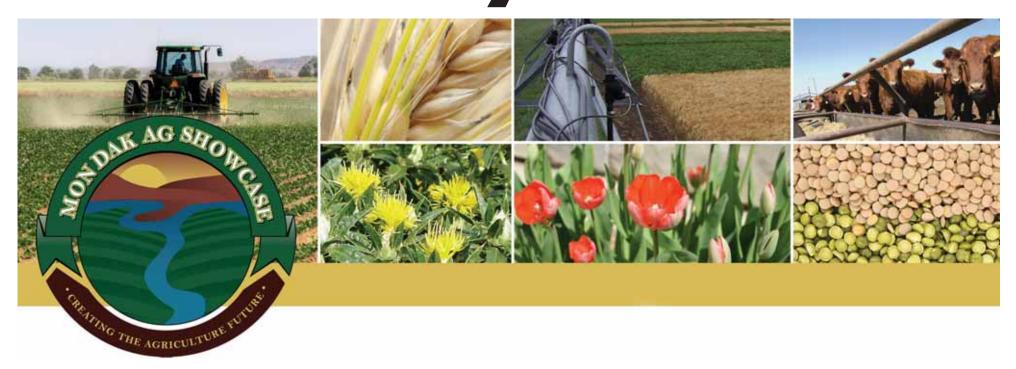
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WREC 2016 MonDak Ag Showcase Scheduled for July 14-15



By Meagan Dotson

Don't miss your chance to see agriculture up close! Whether you're a farmer, landscaper, or flower and vegetable gardener, there is something for you during the Williston Research and Extension Center Field Days, July 14th and 15th.

The Dry Land Field Day will be on Thursday, July 14th located at the Extension Center, 14120 Hwy 2, Williston, ND. The day will begin at 8:30am central time, with coffee and rolls; Director of North Dakota State University Extension Service (NDSU) Chris Boerboom will be welcoming everyone at 9:00 and participants can choose from two tours, both beginning at 9:15.

The Dryland Tour will cover such topics as Dryland Variety Testing and Research presented by Gautam Pradhan, Impact of Cropping Sequencing on Disease Incidence and Beneficial Soil Organisms presented by Audrey Kalil, Herbicide Update and Troublesome Weeds given by Rich Zollinger and Kirk Howatt, Cropping Sequence Study presented by Don Tanaka, Cropping Systems in Pipeline Reclamation and Compaction Issues in Pipeline Reclamation both presented by Austin Link and Chris Augustin, Spray Risk Reduction Practices presented by John Nowatzki, and NDSU Barley Research and Varieties given by Rich Horsley.

The Horticultural Tour will include topics such as All American Selections Display Garden given by Kyla Splichal, and Five Steps to a Great Lawn presented by Tom Kalb, with a question and answer session to follow.

At noon there will be a free BBQ Chicken Lunch at the WREC Ernie French Center and attendants are encouraged to take part in trying to "Stump the Plant Doctors" by bringing in plants, leaves, branches, etc. that are diseased or damaged. The WREC staff will be available to answer questions and identify weeds, diseases, etc.

The afternoon session begins at 1:30pm with a Pulse Crop Seminar. Discussions and presentations include Production and Contracting of Peas, Lentils, Faba Beans,

and Cowpeas presented by Bryon Lannoye; Dick Roland presenting the History of Cool Season Legumes in our Region; Pulse Crop Scouting by Audrey Kalil; Pulse Crop Diseases given by Julie Pasche; Weed Control for Pulse Crops presented by Brian Jenks; Pulse Crop Varieties and Breeding by Tom Stefaniak; and a Pulse Crop Marketing Outlook Discussion Panel led by Safflower Technologies Inc., Viterra, AGT Foods, and Columbia Grain.

From 5:00pm until 7:00pm following the field day program, the Williston Chamber of Commerce Business After Hours will be held at McCody Concrete, 14021 Hwy 2. This social is open to the public and encourages anyone involved in Ag Business to stop in. This evening event will be hosted by the Williston Regional Economic Development Corporation, Williston Economic Development, and McCody Concrete.

Friday, July 15th will be the Nesson Valley Irrigation Tour located 23 miles east of Williston on Hwy 1804. Rolls and coffee will be served from 8:30 to 9:00am. Following a short welcome, the tour will begin at 9:15. Topics include the Nesson Valley Irrigation/Management Update given by Tyler Tjelde, Irrigated Variety Trial Update presented by Justin Jacobs, High Tunnel Vegetable Production presented by Kyla Splichal, Spotted Wing Drosophila Fruit Fly Research Project presented by Esther McGinnis, Pivot Irrigation Maintenance for Uniform Application given by Tom Scherer, Potato Research and Varieties given by Susie Thompson, and Low Glycemic Potatoes given by Dave Sands. USDA Agricultural Research Service scientist Bart Stevens will also be discussing Cropping System Diversity Under Different Tillage Practices. A free lunch will follow the tour at 12:00pm.

The Williston Research Extension Center Field Days, lunches, and evening social are open to the public and no registration is required. For more information, contact the Williston Research and Extension Center at 701-774-4315.



Welcome Everyone To The Williston **Research Center's Field Day!**

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93rd Annual Wolf Point Wild Horse Stampede to be Held July 7-9



By Sheridan Martin

July 7, 8 and 9 will mark the 93rd Annual Wolf Point Wild Horse Stampede in Wolf Point, MT. The town will be full of celebration, laughter, dancing, and plenty of rodeo as they celebrate a long-time favorite tradition.

On Thursday, July 7, 9 a.m. sign up for the Stampede Roundup Tough Enough To Wear Pink Golf Tournament held at the Airport Golf Course east of Wolf Point benefitting NE Montana Health Services Mammography Department followed by TETWP Night at the Rodeo. First performance of the 3-day PRCA RAM Rodeo starts at 7 PM and continues through Saturday. Gates open at 5:30 p.m. each night. Come on down and enjoy a visit to the Wild Horse Saloon as well.

On Friday, July 8, the day will begin with the Human Stampede Run (register at Sherman Park), sponsored by FPCC Wellness Center, at 7 a.m. After the run, citizens can enjoy the Wolf Point Museum Pancake Breakfast along Highway 2, which will be running from 7 a.m. - 11 a.m. At 9:30 a.m., there will be Cowboy Church at the Marvin Brookman Stadium. From 10 a.m. - 5 p.m., there will be Art In The Park at Sherman Park (call Wolf Point Chamber of Commerce at 406-653-2012 to register a table). At 1:30 p.m., the Wolf Point Rods & Rides Show & Shine will be held and at 2 p.m. the Stick Horse Rodeo by Miss Rodeo Montana will be at Sherman Park.

Friday and Saturday will kick off with the "Hillbilly Heaven" themed parade beginning at 2 p.m. Cowboy Up 4 Christ will start at 3 p.m.,

The Catholic Hamburger Stand will once again open its doors on Thursday. It will be open 24 hours a day until it closes its doors on Sunday at 3 p.m.

The Wolf Point Wild Horse Stampede will be full of great activities such as art, music and entertainment, food and rodeo. Last year, the Wolf Point community won the National Small Rodeo of the Year award for their WPRA. New to this year's Wild Horse Stampede will be Wild Pony Races, and the stampede entertainment will feature J.J. Harrison, the "Barrel Man". For more information or to purchase tickets, which went on sale June 20, call 406-653-1770.

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Mark Noel, DO Ear. Nose and Throat

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Aaron Albers, DPM Foot & Ankle Specialist

July 11th For an appointment call (701) 857-3584



Diane Bigham, DO Urology

July 11th For an appointment call (701) 857-7396



Erdal Diri, MD Rheumatology

July 12th & 26th For an appointment call (701) 857-7495



Emad Dodin, MD Cardiology

July 14th For an appointment call (701) 857-7388



Amanda Weidler, FNP-C Cardiology

July 14th For an appointment call (701) 857-7388



Robert Fischer, MD Ear. Nose and Throat

July 18th For an appointment call (701) 857-5986



Tricia Nechodom, AuD Audiology

July 21st For an appointment call (701) 857-5986



Leah Brewster, DNP-C Cardiology

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Kalil to Cover Pulse Crop Scouting Program **During WREC MonDak Ag Showcase**

By Bill Vander Weele

Plant pathologist Dr. Audrey Kalil of the Williston Research Extension Center is looking forward to sharing information during the MonDak Ag Showcase scheduled in Williston on July 14-15.

"We have a lot to talk about," said Kalil, who has been working in Williston for a little more than a year. "It's a good event to share information about what we're

Pulse Crops to be Discussed July 14 at MonDak Ag **Showcase**

By Bill Vander Weele

The MonDak Ag Showcase will feature a presentation by Brian Jenks of the North Central Research Extension Center on Thursday, July 14.

Jenks' presentation will take place that afternoon at the Williston Research Extension Center Ernie French Center in Williston.

Jenks said he probably is a speaker at Williston meetings at least every other year.

"It's good to interact with farmers and to know what's going on in their fields," Jenks said.

This year, the weed scientist will discuss weed control for pulse crops especially for peas, lentils and chickpeas.

He said the two weeds he is most concerned with are kochia and narrowleaf hawksbeard.

"They definitely affect pulse crops,"

Jenks said of the weeds. "But they could affect any crop."

He will also discuss the best herbicides for handling the weeds.

Also during that afternoon, Tom Stefaniak of the NDSU North Central Research Extension Center will discuss pulse crop varieties.

Brian Jenks

Stefaniak said most of his short presentation will be in regards to a new lentil that NDSU is researching this year.

Other highlights of the afternoon programs will include Byron Lannoye of Pulse USA discussing the production and contracting of peas, lentils, faba beans and cowpeas. Richard Roland of Legume Logic will talk about the past and future of cool season legumes.

Later in the afternoon, there will be a pulse crop marketing discussion panel featuring AGT Foods, Columbia Grain, Safflower Technologies and Viterra.

doing here."

During the dryland tour, which takes place at the Williston Research Extension Center Ernie French Center on July 14, Kalil will discuss her role in the center's cropping sequence study.

"So far, I've been scouting for diseases on the trial," Kalil noted. "I will be talking about what I've seen in this and other studies we are currently working on."

During the lunch break on July 14, Kalil with Extension specialist for cropping systems Dr. Clair Keene and horticulture research specialist Kyla Splichal will provide a "Stump the Plant Doctors" segment.

Kalil explained people can bring in samples from their field or yard to show to the "plant doctors" who can then provide information.

"If they have a problem, we can try to help them figure it out," Kalil said. "We can also point them in the right direction for NDSU diagnostic services and literature."

In the afternoon, Kalil and Dr. Julie Pasche (NDSU) will discuss diseases of pulse crops and the results of a new pea and lentil scouting program.

On July 15, the irrigation site tour is scheduled for 8:30 a.m. to noon at the Extension's irrigation site located 23 miles east of Williston on Highway 1804.

That morning, Kalil will provide information regarding her study on Rhizoctonia solani disease severity and soil pathogen populations in a long term crop rotation and tillage project on sugar beets in collaboration with Dr. Bart Stevens, Research Agronomist USDA-ARS (Sidney, MT).

"So far, I haven't seen any foliar symptoms of Rhizoctonia solani in our research plots but that could change," Kalil said.

Scientists have been monitoring levels of Rhizoctonia solani in the soil over the season and will examine sugar beets for disease at harvest.

Kalil leads both basic and applied research programs focused on management of plant diseases on the economically important, highly diverse crops in western

North Dakota. She also coordinates the summer IPM and Pulse **Crop Scouting** Program.

S h e earned her bachelors degree in biology from the University of Minnesota and her Ph.D. in plant pathology from the University of Wisconsin.



Dr. Audrey Kalil







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Hundreds Gather to Support Intake Fish Bypass Alternative



Will the Real Supporters Please Stand Up

Hundreds of people stand and clap after being asked by Tami Christensen of Sidney to stand up if they support the Intake fish bypass alternative at the meeting held in Billings on June 30. Many of the supporters wore shirts reading "Support the Bypass Channel. Save the Farmer!"

By Jody Wells

Hundreds of members of the public gathered at meetings in Sidney, Glendive and Billings this week regarding the Intake Diversion Dam Fish Passage Project. Staff from the U.S Department of the Interior Bureau of Reclamation and U.S. Army Corps of Engineers Omaha District presented six alternatives to determine the future of the Lower Yellowstone Irrigation Project. The public was then open to express their comments and concerns regarding the possible alternatives.

David Trimpe of the Bureau of Reclamation and Tiffany Vanosdall of the Army Corps of Engineers presented six alternatives in a new Environmental Impact Statement (EIS), three of which were already studied and presented during meetings held in 2015 regarding an initial Environment Assessment (EA) of the fish passage project. The additional studies were added to address the injunction placed on moving forward with the preferred fish bypass project by District Court Judge Brian Morris.

The many members of the public included hundreds of residents, farmers and business owners from Eastern Montana and Western North Dakota. Several individuals stood up to publicly give their comments. The comments, emotional at times, were heart felt pleas to save the livelihoods of farmers and not devastate the economy by implementing a costly and unreliable pumping water delivery system, a system inferior in many ways to the reliable gravity fed water delivery system that has been used for over 100 years to provide irrigation to the 58,000 acres of cropland in the area.

"You guys don't want pumps," stated Barry Rakes, from Fallon, MT at the Glendive meeting on Wednesday. Rakes is the president of the Buffalo Rapids Irrigation District that supplies water for the Fallon and Terry area farmers. Rakes described many of the issues with the pumping system they use. Not only are the pumps expensive to use but they are not reliable, a fact that is hurting the farmers in Fallon

and Terry this year. At the Billings meeting Rakes explained, "You can lose an entire crop before the pumps are fixed and running again."

Many current and former local and state elected officials spoke in favor of the fish bypass option as well. Former local politician and co-owner of Tri-County Implement in Sidney, Walt McNutt shared his insight on dealing with environmental groups in the state legislature. "They want a win-win only if you take out the dam," he said. "They won't give up and they will keep fighting you forever. They are obstructionists." A few of the other elected officials that commented in favor of the bypass option included Duane Mitchell, Scott Staffanson, Richard Cayko, Matt Rosendale and State Senator Taylor Brown of Billings.

A few members of the opposing groups that filed that lawsuit that resulted in the injunction were also present at the Glendive and Billings meetings. The groups opposing the fish bypass alternative include the Defenders of Wildlife, Natural Resources Defense Council and Trout Unlimited. They all stated that they were not out to take away the water rights of the members in the LYIP but that they were sure the fish bypass option would not work. They sighted that no pallid sturgeon had been proven to use a fish bypass. But recent data has shown that pallids have taken side channels and also have been able to cross to the other side of the dam using a slough.

Written comments can be submitted until July 28. The completed EIS including the comments will be presented to Judge Morris for him to determine if the injunction will be lifted. Comments can be submitted three ways: handwritten or verbal at a public meeting; email: cenwo-planning@usace.army.mil or by mail to U.S. Army Corps of Engineers Omaha District, Attn: CENWO-PM-AA, 1616 Capitol Avenue, Omaha, Nebraska 68102.

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AUCTIONEER'S NOTE: D&B Farms have decided to have an inventory reduction sale. The combines have been kept inside and are field ready. They have a very good maintenance program on their equipment. There will be no small items at this auction. Remember this sale is WEDNESDAY, July 20th at 11:00 a.m. MST. We hope to see you there! Rick





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MSU-EARC/ Extension Holds 36th Annual Field Day

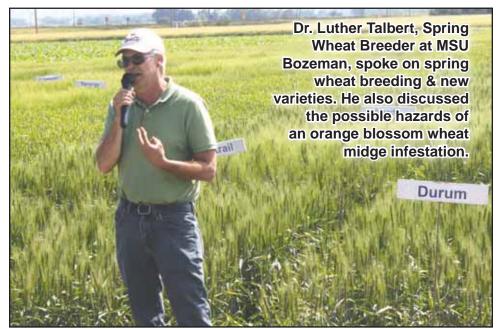
The MSU Eastern Agriculture Research Center Extension held its annual field day on June 30 in Sidney. Research scientists and agronomists presented the findings on ongoing studies and also discussed issues important to local producers.

Research topics pertaining to sugar beet, pulse crop, wheat and barley production and seed varieties were presented. Strategies to defend against pests and invasive weeds were also discussed.



Dr. Maninder Walia, MSU-EARC Sidney, presented a study on the possible benefits of application of the sugar beet processing byproduct, spent lime, in sugar beet production.













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Summer Storms: Reminder to Cover Your Crops with State Hail Insurance

Submitted by Walt Anseth, MT Dept. of Agriculture

Helena, Montana. – Severe weather is no stranger to Montana farmers. The recent storms are a reminder of the importance of having adequate coverage for your crops each season. The Montana State Hail Insurance program began its operations earlier this spring and the staff is prepared to accept new policies through August 15, 2016. Staff is available 8am-5pm Monday through Friday to accept

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State hail insurance forms are available online at http://agr.mt.gov/agr/Producer/HailInsurance/ or by calling the office. Completed forms can be mailed, faxed or e-mailed to the department using the contact information below, or used as a reference when you contact the program by phone.

Contact Information:

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P.O. Box 200201

Helena, MT 59620

Phone: (406) 444-5429 Toll Free: 1 (844) 515-1571

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The Montana Department of Agriculture's mission is to protect producers and consumers, and to enhance and develop agriculture and allied industries. For more information on the department, visit agr.mt.gov.

Register Now for the Sidney Chamber 17th Annual Ag Appreciation Golf Tournament

By Bill Vander Weele

Registration for golfers and sponsors is now taking place for the 17th annual Ag Appreciation Golf Tournament scheduled for July 11 at the Sidney Country Club.

Vanessa Pooch, chair of the Sidney Chamber's agriculture committee, said there is one new sponsorship level this year. Being a Partnership sponsor costs \$1,000. "It's for local businesses who want to be more involved in the network process," Pooch explained.

Partnership sponsors will have the opportunity to talk with participants and sponsors throughout the course while having a cart with beverages.

Cost for a team sponsor for two golfers remains at \$200. A hole sponsorship costs \$150 and provides the chance for business representatives to talk with golfers at the hole. A cart sponsorship is \$50.

The day will begin with registration and breakfast at 7:30 a.m. Tee-off is planned for 9 a.m. with awards at 4 p.m.

Last year's tournament attracted more than 130 golfers. To sign up to golf in the tourney or to be a sponsor, call the Sidney Area Chamber of Commerce and Agriculture office at 406-433-1916.

"It's a real fun day," Pooch said. "We try to have different prizes each year."

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Sidney Sugars Crew Looks To Continue Tradition

By Bill Vander Weele

The phone still rings at Sidney Sugars agricultural department from people asking to talk with Russ Fullmer or Randy Jones or Kerry Rasmussen or even Larry Riggs. But instead those calls are answered by younger voices who wish to maintain the office's strong reputation.

"We want to continue the tradition this department has," Duane Peters, who took over as Agriculture Manager in late 2015, said. "Russ Fullmer's experience was second to none."

Agriculturists Vanessa Pooch, Todd Erickson and Kathryn Cayko each have various years of service at Sidney Sugars and different assigned areas.

Pooch, who has been working at Sidney Sugars for six years, covers the factory district, Culbertson and tare lab operations. Erickson, with four years' experience at Sidney Sugars, has the Savage, Glendive and Terry areas. Cayko, nearing her first-year anniversary at the company, covers Sugar Valley which includes Fairview, Dore, Snowden, Buford and Trenton areas.

Cheryl Riedel, meanwhile, serves as Ag/Financial accountant in the office. She has more than 21 years of experience with the company, but only two of those years have been in the agricultural office.

"I needed a change from payroll," Riedel explained. "It's definitely less stress being in Ag. I'm a farm girl, was raised on a beet farm, so this job has taken me back to my roots."

The agriculturists said they enjoy the variety that their positions offer. Cayko explains one day they might be in the office finishing paper work and the next day they might be walking in the field with growers.

"No day is ever the same," Erickson noted.

"There's nothing better than seeing a beautiful crop," Pooch said.

Peters added, "There's nothing more disheartening than seeing a field after a hailstorm."

Peters said that it's challenging to figure out what's wrong with a field and it's a joy to experience the different personalities and styles of area growers.

"For the most part, growers are really good to work with," Pooch said. "Everybody loses their patience sometime."

Riedel explains that agriculturists during harvest are dealing with farmers who are working with little sleep and have a lot of tension. "That's not a good combination."

Peters feels that Fullmer starting variety seed trials was a positive for area growers. "It gives farmers the chance to grow under their conditions and to see what variety works best. All three aggies are doing variety seed trials."

Other offerings for area growers include the MSU field day in Sidney on June 30, a Cercospora workshop on July 14 and variety strip trial tours on Aug. 11

The strip trial tours will feature a meal organized by Riedel featuring local products such as brats from Craig's Meats and sweet corn grown from the area along, of course, with baked goods containing sugar.

Peters thanks mechanics Brent Coon and Ken Buckles for also being key members of the agricultural staff.

While Pooch and Erickson are fairly established in their districts, Cayko keeps making new, good relationships. "We're still working on it," she said, while mentioning her last name helps. "It's nice that I don't seem like a random outsider."

One change is the agriculturists spend time in other districts' fields once a month. That way each of them becomes more diversified.

Although Pooch was Sidney Sugars' first female agricultur-

ist, some women have more than 20 years of experience in the field. Now, two of Sidney's three are female.

"Women are more and more active in agriculture," Pooch said. "I grew up on the farm, it's in my blood."

She said one grower had some concerns about Pooch, until she helped him in the field one day. "I just showed that I was willing to do hard work."

Cayko added some people are surprised that she isn't willing to sit behind a desk all day, but she is working out in the fields.

Peters explains the staff does become somewhat competitive when announcements such as top 10 growers or largest sugar beets are made. "Everybody is proud of their areas," Peters said.

"We were really happy when Todd beat Duane last year," Pooch joked.

Wagers are sometimes made such as the winner receives a free breakfast.

Erickson said about the competitions, "It's a friendly..." before being interrupted by Cayko, "It's not friendly."

But the competion brings out their best work, plus it's a stress reliever during the tensions of harvest.

"There's pressure, Fullmer set the bar high," Peters said.

Erickson laughed, "He left with a record year."

Peters is thankful for the hard work that the entire staff puts in throughout the year. He noted they all attend trainings throughout the year for continuing education in the field.

"These guys go walking on piles all winter. We are always walking the piles and maintaining the rehauls," Peters said. "We are always looking at what we can do better"



The Sidney Sugars agriculture department staff includes, from left, Kathryn Cayko, Duane Peters, Todd Erickson, Vanessa Pooch and Cheryl Riedel.

Location: From Sidney, MT- Take Highway 200 toward Lambert for 1.1 miles, turn right (North) on Road 348 for 1 mile, turn left (West) for 4/10ths of a mile. Roads will be marked.

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AUCTIONEER'S NOTE: Orville and Paulette have sold their place and are moving. All the tractors are in excellent running condition. Orville's shop equipment is also in excellent condition. You will not want to miss this sale. Hope to see you July 16th! Rick



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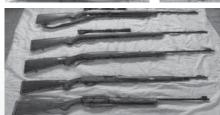
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Public Comment Period Open on LYIP Intake Fish Passage Project EIS

Lower Yellowstone Irrigation Project faces another hurdle with public comment on the Intake Diversion Dam Fish Project Environmental Impact Statement.

The draft EIS is now available through Reclamation's Lower Yellowstone Project Website: http://www.usbr.gov/gp/mtao/loweryellowstone/index.html. The public comment period opened on Friday, June 3, 2016 when the Environmental Protection Agency published the Notice of Availability (NOA) in the Federal

Register. The public comment period will run until July 28, 2016.

Three public meetings were held: Tuesday, June 28, Richland County Event Center, Sidney Wednesday, June 29, Dawson County High School Auditorium, Glendive and Thursday, June 30, Lincoln Center, Billings.

Comments can be submitted three ways: handwritten or verbal at a public meeting; email: cenwo-planning@usace.army.mil or by mail to U.S. Army Corps of Engineers Omaha District, Attn: CENWO-PM-AA, 1616 Capitol Avenue, Omaha, Nebraska 68102.

The Corps and Reclamation are serving as joint lead federal agencies in the preparation of

the EIS which analyzes six alternatives: no action, rock ramp, bypass channel, modified side channel, multiple pump, and multiple pumps with conservation measures. The Corps and Reclamation have identified the Bypass Channel Alternative as the Preferred Alternative.

All public comments will be reviewed by the Corps and Reclamation and will be included in the final EIS.

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 August 2016 issue is July 26. Subscription Rate: \$20 per year.

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Donation From 4-H

The Richland County 4-H group Forever Buds generously made and donated children's comfort blankets to Sidney Health Center. Sidney Health Center is very grateful to these members and leaders for thinking of the youngest patients that may need a little comfort. Pictured accepting the donated blankets on behalf of Sidney Health Center are Linda Ries, RN; Tammy Downing, CNA and Kay Hatter, RN. (Submitted)

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applicators are able to

obtain one pesticide

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WILLISTON RESEARCH EXTENSION CENTER FIELD DAYS URS & FRI JULY 14TH - 1

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Thursday, July 14th (Morning) 8:30 a.m.-12:00 p.m.

- WREC dryland tour West of Williston on Hwy 2
- 8:30 Refreshments
- 9:00 Welcome & Introductions
- 9:15 Crop tour of research plots
 - o Dryland Variety Testing and Research
 - Impact of Cropping Sequence on Disease Incidence and Beneficial Soil Organisms
 - Herbicide Update and Troublesome Weeds

 - Cropping Systems: Beyond No-Till Cropping Systems in Pipeline Reclamation
 - Compaction Issues in Pipeline Reclamation
 - Spray Drift Reduction Practices
 - NDSU Barley Research and Varieties
- 9:15 Horticulture Program and tour
 - o All America Selections Display Garden
 - o Five Steps to a Great Lawn Question and Answer Session
- > 12:00-"Stump the Plant Doctor"
 - o Guests are encouraged to bring plants, leaves, branches, etc. that are damaged, diseased, or need identification to see if WREC staff can identify the problem or plant.
- 12:00 Lunch

BBQ chicken lunch provided by area sponsors

Thursday, July 14th (Afternoon) 1:30 p.m.-4:00 p.m.

- WREC Ernie French Center
- Byron Lannoye, Pulse USA
- Production and Contracting of Peas, Lentils, Faba Beans, and Cowpeas
- Richard Roland, Legume Logic Past and Future of Cool Season Legumes
- Audrey Kalil, NDSU Williston Research Extension Center
- Pulse Crop Scouting Program
- Julie Pasche, NDSU Plant Pathology Pulse Crop Diseases

- Brian Jenks, North Central Research Extension Center Weed Control for Pulse Crops
- Tom Stefaniak, NDSU North Central Research Extension Center Pulse Crop Varieties
- Pulse Crop Marketing Discussion Panel AGT Foods, Columbia Grain, Safflower Technologies, Viterra

Thursday, July 14th (Evening) 5:00 p.m.-7:00 p.m.

- > Join Williston Regional Economic Development Corporation, Williston Economic Development, and McCody Concrete as they host the Williston Chamber of Commerce Business After-Hours
- Located at McCody Concrete, 14021 Highway 2

Friday, July 15th (Irrigated Site Tour)

8:30 a.m.-12:00 p.m.

- Nesson Valley Irrigation Tour (23 miles east of Williston on Hwy. 1804)
- 8:30—Refreshments
- 9:00-Welcome & Introductions
- 9:15—Irrigation crop tour
 - Nesson Valley Irrigation/Management Update
 - Irrigated Variety Trial Update
 - High Tunnel Project
 - Spotted Wing Drosophila Fruit Fly Research Project
 - Pivot Irrigation Maintenance for Uniform Application
 - Potato Research and Varieties
 - Low Glycemic Potatoes
 - Herbicide Mode of Action in Corn, Soybean, Sugarbeet, Wheat, and Field Pea
- ➤ 12:00—Lunch (provided by area sponsors)

We hope to see you there!

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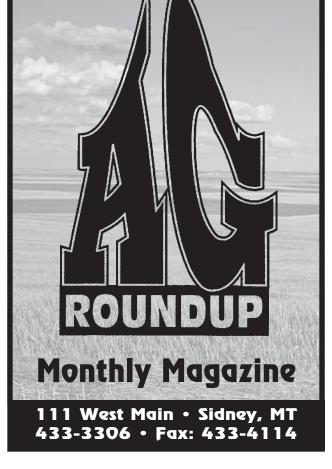


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Ranch Rodeo Winners

Above: Taking first place at the Neal Hermanson Memorial Ranch Rodeo was the Neshum/Roedeske team featuring, from left, Robert Sperry, Jim Roedeske, Craige McKinsey, Jason McNally and Clint Nesham. (Submitted)

Saddle Winner

Right: Spencer Ingalls was the winner of the ranch horse competition at the Neal Hermanson Memorial Ranch Rodeo. (Submitted)



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Chris Young At The Richland County Fair August 6

Chris Young

By Sheridan Martin

Chris Young, a famous country singer who has written six chart toppers and nine Gold/Platinum singles, will be performing at the Richland County Fair Sat., August 6, 2016.

Young's most recent album, "I'm Coming Over", debuted at #1 on Billboard's Top Country Albums chart. Young has traveled internationally for his music tours two times now, including countries such as Ireland, the UK, Australia, Norway and Sweden. Young was even awarded the British Country Music Award for International Act of the Year in 2014.

Young has appeared on national TV shows such as The Today Show, Late Show with David Letterman, The Ellen DeGeneres Show, Good Morning America, Jimmy Kimmel, and so much more. He had his first GRAMMY ® Award nomination in 2011, where he was recognized for Best Male Country Vocal Performance for his #1smash, 'Getting' You Home." This song was Young's first chart-topper and became his first RIAA-certified Gold Digital Single.

Young has 5 albums total, which he has accomplished before the age of 30, and has been making music now for 10 years. He has been recognized in PEOPLE magazine and NASH Country Weekly, and writes a majority of his own songs for his albums.

Young will be performing at the Richland County Fair Saturday, August 6th at 7:30 p.m. Tickets went on sale May 18th and can be purchased at www.richland-countyfairandrodeo.org.

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Deadline Announced For Growth Through Agriculture

The Agriculture Development Council and the Montana Department of Agriculture have announced a change to the Growth Through Agriculture application deadline schedule for the upcoming fiscal year.

This year there will only be one funding deadline for the GTA program: Sept. 15. In order to maximize the amount of funding available to agricultural companies, and in line with the directives of the Main Street Montana Project, the Council and the Department have determined that hosting only one funding deadline will aid in cutting program costs associated with additional meetings, application review procedures, and staff time.

Further program information and application forms are available on the program website at www.qta.mt.gov.

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Benefits of Diverse Crop Rotations to be Discussed at WREC Dryland Field Day July 14

By Meagan Dotson

Diverse crop rotations are not a new concept, but their benefits are being rediscovered. Dr. Audrey Kalil, Plant Pathologist at the Williston Research Extension Center and Dr. Don Tanaka, retired USDA-Agricultural Research Service Soil Scientist will be speaking on various benefits of diverse crop rotations at the NDSU-Williston Research Extension Center's Dry Land Field Day on Thursday, July 14th. Kalil's presentation will focus on research investigating diverse crop rotation's ability to manage disease; Tanaka's talk will discuss the soil quality benefits that can be achieved with diverse cash crops, cover crops, and no-till practices.

"Cash crop sequence can be carefully planned so that different plant families contribute their own unique benefits to the system. For example, crops can be selected to increase soil nutrients, break-up disease cycles, and suppress weeds," said NDSU Area Extension Specialist Clair Keene. "Having five different cash crops in your rotation is a good start."

In addition to cash crops, cover crops can also be planted. For instance, a farmer that grows durum wheat, peas, corn, and safflower could plant a full-season cover crop that would add needed nutrients to the soil in place of one of the cash crops or in rotation with them.

A farmer who raises durum and spring wheat (two grass crops) could plant a short-season cover crop from a different plant family, like peas, in late summer after wheat harvest to help prevent grass-specific diseases from carrying over into the following year's wheat crop.

Cover crops like oats or oats mixed with a legume such as red clover can help

suppress weeds ahead of a cash crop like safflower or canola. Safflower and canola often don't form a complete canopy and therefore are not very weed suppressive. Suppressing weeds the year before planting less competitive crops is an excellent way to improve weed control in those cash crops.

Over time, thoughtfully planned diverse crop rotations can reduce not only weeds, diseases, and insect pests, but also save farmers money by reducing the need for herbicides, fungicides, and insecticides—all of which are inputs that must be purchased.

As late as the 1940s diverse crop rotation was more widely practiced than it is today. Before 1950, most farm equipment was animal draft-powered, and farmers had to grow crops such as alfalfa, oats, and other forages to feed to their animals. As gas-powered equipment became more affordable, the need for horses, mules, and oxen on the farm dwindled, and along with it, the need to grow forages. This shift freed up farmers to grow only cash crops. Along with the switch from animal to diesel power, new fertilizers and pesticides became widely available and supplanted diverse crop rotations, enabling farmers to grow just one or two cash crops year after year.

"The concerns of farmers and consumers are changing, and I believe this is driving the high level of interest right now in diverse crop rotation," added Keene.

Kalil and Tanaka will both be speaking during the Dryland Field Day Tour happening at the Williston Research Extension Center, 14120 Hwy 2 (4.5 miles west of Williston). The tour begins 9:15am Central Time following coffee and rolls starting at 8:30 and a brief welcome at 9:00.

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