

McINTOSH

Since 1888

Times

Hub of the Thirteen Townships

McIntosh, Minnesota

\$1.00

MN Dept. of Agriculture
opens new buffer website

A new "One-Stop" Buffer website was opened recently by the Minnesota Department of Agriculture claims to be a user-friendly website designed specifically for Minnesota's farmers and landowners.

This one-stop site provides links and resources to help answer farmers' questions about water quality buffers, access financial and technical assistance to install buffers, and more

Minnesota Buffer Law

Minnesota's buffer law establishes new perennial vegetation buffers of up to 50 feet along lakes, rivers, and streams and buffers of 16.5 feet along ditches. These buffers will help filter out phosphorus, nitrogen and sediment. The deadline for implementation for buffers on public waters is November 1,

2017. The deadline for public ditches is November 1, 2018. The law provides flexibility for landowners to install alternative practices with equivalent water quality benefits that are based on the Natural Resources Conservation Service Field Office Technical Guide.

The Board of Water and Soil Resources (BWSR) reports that statewide 89% of parcels adjacent to Minnesota waters meet preliminary compliance with the law.

Soil Water Conservation Districts (SWCDs) are reporting encouraging progress in their work with landowners around the state. View the buffer maps for a visual representation of the law.

Buffer...

Continued on page 2 ...



In McIntosh, when you think of flowers, you think of Adella Thompson. Adella has been keeping the flowerbeds at Poplar Meadows looking lovely for many years. Here she is with new flower planters that were made by the Win-E-Mac shop class this spring especially for her.

U of M Extension receives
nearly \$1 million to help rural MN

University of Minnesota Extension has received nearly \$1 million in two federal grants to seek solutions to current concerns in Greater Minnesota.

A \$500,000 grant was awarded to Extension's Center for Community Vitality to study how rural communities can recruit and retain residents to supply their workforces. The Extension Regional Sustainable Development Partnerships received \$499,760 to develop and pilot a new distribution model for small and medium-sized farms to access wholesale markets.

"The USDA grants recognize our commitment to all of Minnesota and the skillful Extension researchers and educators whose work will help us better understand how to meet important needs throughout the state and beyond," said Extension Dean Bev Durgan.

Center for Community
Vitality: Expanding 'brain
gain' research

The grant allows Center researchers to widen their "brain gain" research, which has found adults 30 to 49 years old are disproportionately moving into Minnesota's rural areas. The focus on newcomers and their integration into rural communities also will consider the experience of minority and immigrant residents in those areas.

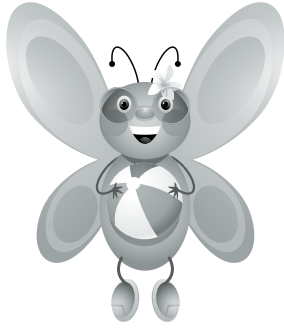
"As baby boomers retire from the workforce, replacement workers are needed. Employers and communities are very concerned about that workforce, and many Minnesota communities are genuinely interested in learning how they can attract residents,"

Extension..

Continued on page 2 ...



The Win-E-Mac "Red" team won both regular season and playoffs of the WEM Summer basketball league. On the Red Team were Brecken Lindberg, Gavin Walker, Bryer Strom, Lindsey Espeseth, Dylan Roy. Not pictured: Madyson Plante & Cory Drellack.



Community
Calendar

Wed. Aug. 2: McIntosh Library 12pm to 5pm; McIntosh Heritage & Arts Center 10am to 2pm; Computer Class at McIntosh Library 1pm to 2pm; Winger Senior Meals @ Moran's 11:30am to 1:30pm;

Thurs. Aug. 3: McIntosh Library 5pm to 8pm; McIntosh Heritage & Arts Center 10am to 2pm; Winger Senior Meals @ Moran's 11:30am to 1:30pm

Fri. Aug. 4: McIntosh Library 12pm to 5pm; Winger Senior Meals @ Moran's 11:30am to 1:30pm

Mon. Aug. 7: McIntosh Library 10am to 3pm; Children's Story Time at McIntosh Library 10:30am; Winger Senior Meals @ Moran's 11:30am to 1:30pm

Tues. Aug. 8: McIntosh Library 5pm to 8pm; McIntosh Heritage & Arts Center 10am to 2pm



Mac-Winger Class of 1972 held their 45th Class Reunion on July 29th, 2017. The reunion was hosted by Patti Skeie-Broden at Maple Lake in Mentor. There were 13 out of 32 present for the afternoon. The group came from the Minnesota towns of McIntosh, Erskine, Fosston, Coon Rapids, Hastings, Thief River Falls, Lowry and Mentor. They had a great time and some thoughts went into planning for their 50th reunion. In the photo (left to right) Steve Carlson, Vionne Hedman-Ellingson, Curt Aaseng, Patty Zahl-Morrison, Marilyn Sannes-Graff, Karen Ferden-Olson, Ann Thompson-Vesledahl, Naomi Rolf-Peterson, Lois Ramse-Jenks, Patti Skeie-Broden, Larry Hedlund, Mary Bauer-Lerfald and Don Vaa.



The beautiful yard of Mark and Brook Simonson is this weeks McIntosh Times/Community Club Yard of the week. Everywhere you look, the yard is bursting with blooms, along with touches of whimsy hidden here and there among the blossoms.



The ladies at Poplar Meadows spent an afternoon last week making crafts with manager Julie Christianson. Every week there is a lot going on at the residence for all to do.

Extension...

Continued from page 1 ...

said Kent Olson, Associate Dean of the Center for Community Vitality. "This project will allow us to better understand why people move to rural areas and what makes communities successful in keeping them. As initiatives sprout up around Minnesota, we want to know what works."

Five people walking down town sidewalk

The research will use surveys, focus groups and demographic analysis to

gather information from community initiatives, newcomers and long-time residents. Researchers, including those from the Humphrey School of Public Affairs, will explore three basic questions:

What are the characteristics of newcomers in rural areas?

How well do different categories of newcomers integrate differently into rural communities?

What private strategies and public policies are communities trying to attract and retain newcomers to their areas and

what is working?

Findings will inform future Extension educational programs and economic development initiatives, resulting in new community education that informs local policy-making and initiative planning.

Buffer..

Continued from page 1 ...

tation of the Minnesota Buffer Law.

Please contact your local

Soil and Water Conservation District (SWCD) office for more information about buffers and local requirements.

What is a Buffer?

A buffer, also known as a riparian filter strip, is vegetated land adjacent to a stream, river, lake or wetland. Buffers help filter out phosphorus, nitrogen, and sediment, and are an important conservation practice for helping keep water clean. Studies by the Minnesota Pollution Control Agency show that buffers are critical to protecting and restoring water quality and healthy aquatic life, natural stream functions and aquatic habitat due to their immediate proximity to the water.

Visit the new website at <https://mn.gov/portal/natural-resources/buffer-law/>.

Please contact the McIntosh Times if you move or have a change in your address so we can keep the paper coming to your home on time.

OPEN HOUSE

Upper Sand Hill River Targeted Watershed

The East Polk SWCD, along with the Sand Hill River Watershed District would like to invite you to an "Open House" meeting to present opportunities for water quality improvements thru conservation practices including sediment control basins for targeted locations within the Upper Sand Hill River Watershed.

There will be a short presentation on how the targeted areas were determined and how the cost share program works, followed by an open-house forum for questions and program sign-up information. Houston Engineering and the Red River Valley Conservation Service Area Engineer will be available for questions.

The Minnesota Department of Ag will be in attendance to present information on the Minnesota Ag Water Quality Certification Program. If certified through the MAWOCP, landowners are considered to be in compliance of any new rules that are enacted for a 10 year time frame following certification. This would include the proposed Nitrogen Fertilizer Rule.

East Polk SWCD staff will also be available to answer questions pertaining to buffers and cost-share for buffer establishment. Buffer Cost Share Forms will be available for those interested in cost-share for establishment of buffers.

Where: *McIntosh Community Center*

When: *August 16, 2017 beginning at 9:30 a.m.*

Coffee and cookies will be served.

For further information regarding the open-house, please contact:

East Polk SWCD
240 Cleveland Ave.
McIntosh, MN 56556
Ph: 218-563-2777

M18-19C

McIntosh Heritage & Arts Center

Heritage Recipe

Clifford Bartz has lived all his 95 years in King Township except for a summer spent in Montana working and his time serving his country in WWII. The Bartz family has lived within the same township for five generations, starting with his parents William and Emma Bartz. William and Emma moved from Holloway, MN to their farm site east of McIntosh in 1914.

Cliff and his wife Betty moved to the farm he is now on in 1951. They raised 3 children. The Bartz family's favorite holiday is Easter. They enjoy ham, mashed potatoes, scalloped corn, vegetables and pie. Easter may be his favorite holiday with all the traditional foods, but his favorite dish is oatmeal.

Oatmeal was a regular

part of his morning while growing up on his parent's farm. According to Clifford, "We had cooked cereal every morning." He continues to start his morning the same way, "I make oatmeal every morning, seven days a week."

Clifford shares a recipe for oatmeal raisin cookies.

Oatmeal Raisin Cookies
1 cup butter
½ cup white sugar
1 tsp vanilla
1 tsp baking soda
½ tsp salt
1/3 bag of raisins (large amount)

1 ½ cups brown sugar (if you use 1 ½ c brown sugar, use 1 ½ c raisins)
2 eggs
1 ½ cups flour
3 cups old fashioned rolled oats
1 tsp cinnamon
Mix thoroughly
Bake 10-12 minutes at 350 degrees



At the home of Mark and Brook Simonson's there is lots to see, no matter where you look. Flowers blooming in whimsical containers and gnomes hidden among the blooms.

NOTICE OF PUBLIC HEARING

Consideration of .25% sales tax implementation for transportation projects in Polk County.

The Polk County Board is conducting a public hearing on the merits of adding a .25% (a quarter percent) sales tax dedicated to county highway projects on eligible sales in Polk County. State statute 297A.993 allows counties to implement up to .5% in sales tax for transportation purposes after conducting a public hearing.

This hearing is open to public comment and will be held in the Polk County Board Room, Polk County Government Center, 612 No. Broadway, Crookston, Minnesota at 11:00 a.m., Tuesday, August 22, 2017. A county highway projects plan to use these dedicated revenues will also be presented. Attendees wishing to make a statement or question the Board will be asked to state their name and address for the meeting record. Comments may also be mailed to the above address or emailed via the County's website at www.co.polk.mn.us. M19-20C

The McIntosh Times Office Hours

Wednesday 9:00 am to Noon

Friday 9:00 am to 11:00 am

Call or fax: (218) 563-3585

Ad deadline is Noon on Friday prior to publication



A thank you to our customers from McIntosh Country Store

McIntosh Country Store will finish our sale and close our doors at 6pm Friday, August 4th.

We wish to thank all our customers and community we have served these past seven years.

We regret that we must close the store but it has never been able to show a profit or positive cash flow.

For the past year sales have declined and losses accelerated so our only viable option was liquidation.

Many people ask what we intend to do when the store closes. DeeDee will continue as a librarian at BSU and I will continue to drive truck, now full-time. One job to live on and one job to repay the business loans and cover store losses. Besides that, we plan to take a few road trips together now that we'll have more time.

Again, thank you to our loyal customers and we wish you well.

Lee and DeeDee Narum

M19C

Did you Know?

According to the U.S. Centers for Disease Control and Prevention and the U.S. Environmental Protection Agency, there are no safe levels of lead. Lead is particularly harmful to children's health. Exposure to lead can stunt children's growth while also contributing to behavioral and learning problems. Anemia, reduced growth of fetuses in pregnant women, cardiovascular effects, and reproductive problems also are side effects of lead exposure. Many people once came into contact with lead via lead-based paints, which have been banned in the United States for consumer use since 1978. But lead also can be lurking in water supplies. The EPA says that between 10 and 20 percent of instances of lead exposure can be traced to contaminated water. Homes built before 1986 are the biggest risk factors for lead plumbing. As of January 2014, all newly installed water fixtures, pipes and fittings must meet new lead-free requirements. But within the United States, public water suppliers and existing homes do not need to retrofit. The National Drinking Water Advisory Council found

around 7.3 million lead service lines currently deliver water to customers. Homeowners can request testing through their local water supplier or conduct certified home tests.



The family of Martha S. Henney extend their heartfelt thanks to the extended community and many friends for support and prayers this month past. God Bless.

M19C

Carlin

FAMILY FUNERAL SERVICE



M11EOW

MEMORIAL DESIGN & SALES

A permanent memorial to last generations

TIM AND RHONDA CARLIN
218-435-1144

TIM@CARLINFUNERAL.COM
WWW.CARLINFUNERAL.COM

Community Birthday and Anniversary Calendar

Wed. August 2: Connie Syverson, Chelsea Ekeberg, Travis Mahlum, Adler Stordahl, Calie Maruska, Courtney Maruska, Tanya Hamre, *Bob & Karen Olson

Thurs. August 3: Chad Olson, Brooke Christianson, Dalton Agnes, *Earl & Dianne Roed

Fri. August 4: Luke Syverson, Lauren Strom, Steve Espeseth

Sat. August 5: Justin Carlson, *Neil & Carol Bursheim

Sun. August 6: Judy Hagen, Dan Dierkes

Mon. August 7: Gretchen Finseth, Nick Ostenaar, *Jared & Angela Olson, *Adam & Erin Jore

Tues. August 8: Valerie Fritz, Jon Klerner, Ben Ramse, Katie Salvhus, Laura Bursheim, Jason Smeby, *Erik & Tanya Hamre

CHURCH DIRECTORY

ST. MARY'S CHURCH Fosston

Fr. John Suvakeen, Pastor

Wed. Aug. 2: 3:30pm Mass at First Care Nursing Home, Fosston

Fri. Aug. 4: 5:30pm Mass at St. Mary's, Fosston (First Friday)

Sun. Aug. 6: 8:00am Confession; 8:30am Mass at St. Mary's, Fosston; 10:30am Mass at St. Joseph's, Bagley

Wed. Aug. 9: 1:00pm Mass at McIntosh Nursing Home; 6:30pm Mass at St. Mary's, Fosston

Sun. Aug. 13: :00am Confession; 8:30am Mass at St. Mary's, Fosston; 10:30am Mass at St. Joseph's, Bagley

If you have any questions please call 435-6484.

CALVARY-IMMANUEL LUTHERAN PARISH

Winger/Bejou

Supply Pastor

Gordon Syverson

Sun. Aug. 6: 8:30am Worship at Immanuel; 9:45am Worship at Calvary

Sun. Aug. 13: 8:30am Worship at Immanuel; 9:45am Worship at Calvary

OURS SAVIOR'S LUTHERAN CHURCH (ELCA)

McIntosh

Supply Pastor

Gordon Syverson

Sun. Aug. 6: 11:15am Worship Service.

Sun. Aug. 13: 11:15am Worship Service.

GOSEN LUTHERAN CHURCH Independent

Gary Johnson, Pastor

www.gosen-church.com

Face Book: Gosen Church

Wed. Aug. 2: 1:30pm Bible Study at The Country Place; 7:00pm Bible Study at Don & Sharon Ramberg's

Fri. Aug. 4: 10:00 a.m. Telecast of the Luther League program on Garden Valley Cable --Channel 2

Sun. Aug. 6: 9:30am Sunday School and Adult Bible Study; 11:00am Worship Service

Tues. Aug. 8: 10:00 a.m. Sunday worship service telecast on Garden Valley Cable TV--Channel 2

Wed. August 9: 1:30pm Bible Study at The Country Place; 7:00pm Bible Study at Don & Sharon Ramberg's

For information on free rides to any of the above activities call 218-268-4242 or 218-687-3461 Gosen Church is located 4 miles south of the junctions of Hwy. 2 & 59 or 4 miles north of Winger; then ½ mile east on County Road 206.

MCINTOSH AFLC

McIntosh Trinity / Mount Carmel:

Pastor Karl Anderson

Thurs. Aug. 3: 7:00am Men's Breakfast at Mt. Carmel

Sun. Aug. 6: 9:30am Worship at Mt. Carmel; 11:00am Worship at Trinity

Thurs. August 10: 7:00am Men's Breakfast at Mt. Carmel
Sun. August 13: 9:30am Worship at Trinity; 11:00am Worship at Mt. Carmel

VERNES LUTHERAN CHURCH (LCMC)

McIntosh

Pastor Jill Torgerson

Sun. Aug. 6: 9am Worship

Sun. Aug. 13: 9am Worship

DOVRE

FREE LUTHERAN Pastor Don Edlund

Wed. Aug. 2: 7:00pm Bible Study

Sun. Aug. 6: 10:00am Worship Service

Wed. August 9: 7:00pm Bible Study

Sun. August 13: 10:00am Worship Service

Wed. Aug 16: 7:00pm Bible Study

IMMANUEL LUTHERAN CHURCH

McIntosh

Rev. John Anderson, Pastor

Sun. Aug. 6: 10:45am Worship Service

Sun. Aug. 13: 10:45am Divine Worship with Holy Communion

Holy Communion 1st and 3rd Sundays



BUSINESS & PROFESSIONAL GUIDE

This space for rent at \$127.40 for 6 months.

CALL 218-563-3585

Carlin

FAMILY FUNERAL SERVICE

"Caring service for three generations"

(218) 435-1144

Funeral Home ~ Cremation Service ~ Granite Memorials

ANDERSON FAMILY FUNERAL HOME & CREMATION SERVICE

719 N. Main 644 Main St. Mahnomen, MN Winger, MN

*Paige Ennen *Kelly Woltjer
*Tim & Denise Anderson

*Licensed Funeral Director

218-935-9000

Toll free: 866-935-9009



Is There A Wedding In Your Future?

We have the latest designs for wedding accessories - or, if you choose, we can assist with a design of your own.

LET US HELP MAKE YOUR WEDDING DAY MEMORABLE.

487-5225 Gonvick, MN

Richards Publishing Co.

M3-28C

McINTOSH Times

PUBLISHED WEEKLY IN THE HUB OF THE THIRTEEN TOWNSHIPS BY RICHARDS PUBLISHING CO., INC.

RICHARD D. RICHARDS, PUBLISHER
KIM HEDLUND, EDITOR

McIntosh • (218) 563-3585

"McIntosh Times" (USPS 336-020) is published weekly for \$25.00 per year (in county) and \$30.00 per year (out of county) by Richards Publishing Co., Inc., 1st & Main Ave., Gonvick, MN 56644. Periodicals postage paid at McIntosh, MN.

POSTMASTER: Send address changes to:

McIntosh Times, PO Box 9, McIntosh, MN 56556.

mcintoshtimes@gmail.com

"Serving the Win-E-Mac area"

PUBLISHER'S LIABILITY FOR ERROR: The Publisher shall not be liable for slight changes or typographical errors that do not lessen the value of an advertisement. The Publisher's liability for other errors or omissions in connection with an advertisement is strictly limited to publication of the advertisement in any subsequent issue or the refund of any monies paid for the advertisement.

Winger News

Linda Pulskamp

Hello and greetings again from Winger and the Union Lake areas! We have been having some nice sunny summer days after the storm blew through the area last Friday evening, and again we were fortunate to avoid the worst of it. Got a little welcome rain but could use more, is pretty dry.

In looking at the areas small grain crops, it looks like harvest is not to far off, and with that the fields will soon be black again. Summer is flying by to fast. Next week at this time we will be into August and that means school will soon be in session too.

Last Thursday afternoon the 20th Vincent and Carson Benesh were visitors with Milton Carlson at the Carlson home, later that same day Donna and Paul Carlson stopped by Milton's for a visit and brought muffins with them for a treat.

Butch and Linda Pulskamp spent last Sunday at the Brent and Jessie Pulskamp home in Wahpeton, ND.

Judy Gieseke was a visitor last Friday afternoon with Milton Carlson at the Carlson home.

Gerri (Sollie) Engdahl, Carol (Sollie) Fjelstul, Sharon(Knutson) Messelt, Alice (Fjelstul) Rostad and Camilla (Aasen) Pearsall met at IKEA for a fun mini reunion on the 18th of July. Always great to see former classmates and forever friends.

Betty Myhrum went to New Folsen last Sunday to help celebrate Susan Eischen's birthday at the Eischen home. Later in the afternoon they all went to the Dakota and Kjersten Poissant home for a delicious dessert of banana cream pie.

Last Sunday Lonnie and Judy Gieseke and Milton Carlson enjoyed dinner together. That same day Donna Carlson, Dustin, Dusty Wayne and Evelyn Carlson were all visitors with Milton.

Butch and Linda Pulskamp visited with Donnie Johnson of Maple Lake, MN and Nola Abele at the Abele home in Fosston last Tuesday after-

noon.

Thursday the 27th Richard Brtek was a visitor with his Mom, Lucy Brtek at Lucy's home.

Thursday the 27th Susan Eischens of New Folsen and Chelsey Haugen of Thief River Falls surprised Betty Myhrum with a visit.

Tuesday visitors at the Milton Carlson home were Paul and Donna Carlson and Dusty Wayne Carlson.

Linda Pulskamp visited with Lynda Lailand in Fosston on Thursday afternoon.

Classmates that gathered together at The Club in McIntosh last week were Roger and Eva Rolf (and it just so happened to be Roger's birthday that day), Kenny Jorstad, Lucy Brtek, Joyce Balstad, Judy (Kaupang) Hagen, Judy Sogla, Wanda (Thompson) LaVoi and Faith Sverson. All enjoyed a good visit and lots of reminiscing.

Justin Messelt of Nome, ND was a visitor last Thursday afternoon at the Pulskamp home, he came to pick up a 1938 Ford pick up that he plans to restore.

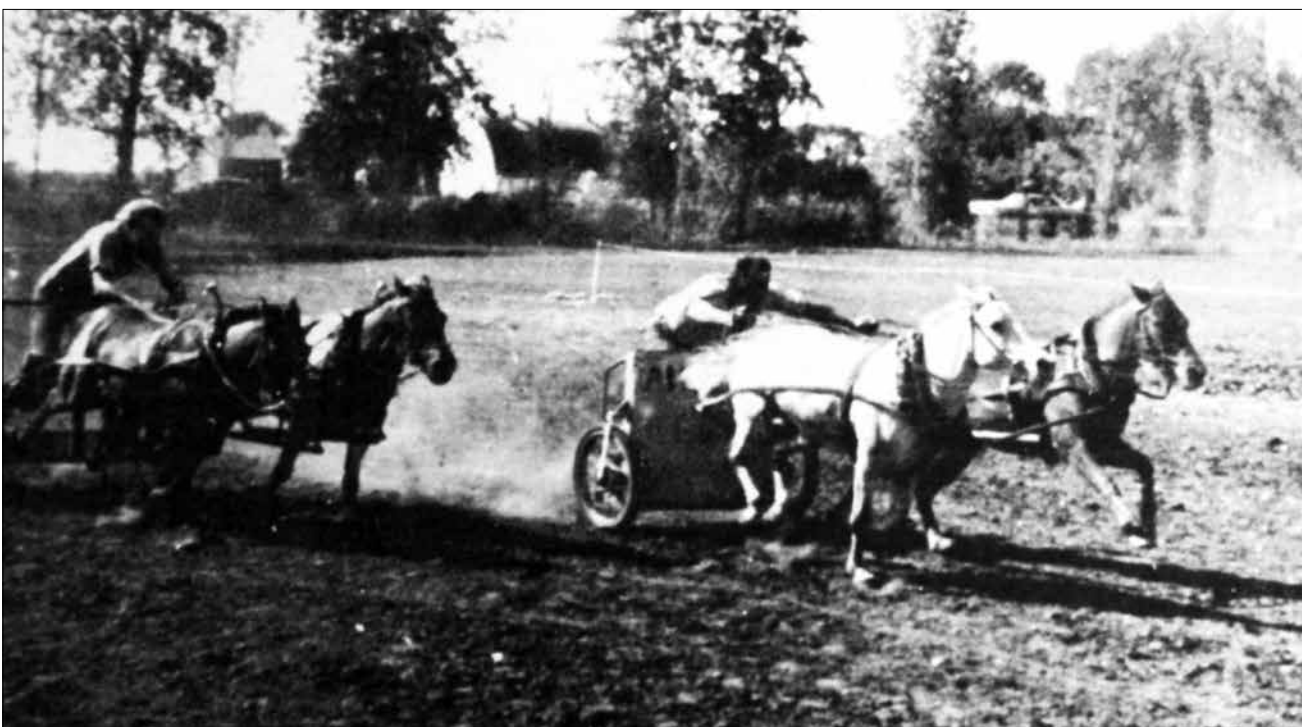
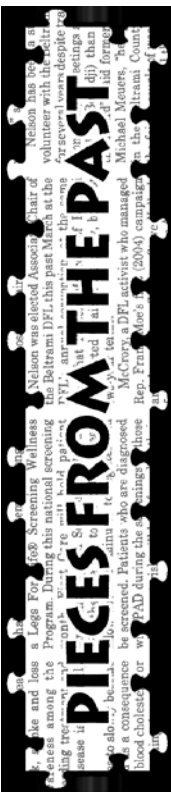
Lucy Brtek's house guest Kenny Jorstad returned to his home in Washington this week after spending some time in the area visiting family and friends. Needless to say it got very quiet at the Brtek ranch.

In closing, always believe something wonderful is about to happen.

From Bun Manor:

Thursday morning found Scappy hauling Bun to the Fosston hospital to have surgery on his left eye. A couple of years ago Bun's retina tore and he got it repaired. A film developed in his eye causing it to be blurry. After doing some arranging in the wheel chair the Dr. was able to do the laser procedure in less than five minutes. Bun can now see 90 percent better out of his left eye. Thanks to modern technology

They stopped into DaRoos restaurant in Fosston for lunch. This was the first time either one of them had been to eat. They have a lot of items to choose on their menu. If you



40 years ago...1977: Allen Carver of McIntosh is racing his ponies nose-to-nose with the pony chariots against Gordy Goldsmith, the latter winning by a head, at the Fosston Horse Show.

get to Fosston check it out one time.

Friday afternoon the boys, Bert, Panzer, Lars, Stue and Bun enjoyed lunch at Ness café. They were surprised to learn that the Owner Stephanie bought them all lunch. She did this to show her appreciation for all their business.

Saturday afternoon, Bun headed into Winger to attend the remembrance event for Martha Henny. There was a wonderful crowd who came to pay there respects.

Bruce McWilliam and her son Dean gave a little talk about Martha. The Winger Calvary women served a spaghetti and meatball dinner after the program that was Martha's recipe. The Salem ladies brought the bars. They served close to a couple of hundred people.

Friday afternoon the boys, Bert, Panzer, Lars and Stue met for lunch at Ness

Friday evening, Bun took off to Maple Lake to crash the Mac-Winger class of 72 reunion. Patty Skeie and her man Troy Thibert hosted the party. Those who made it out were (girls maiden names only.) Ann Thompson, Marilyn Sannes, Vionne Ferden, Postmaster Patty Zahl, Mary Bauer, Naomi Rolf, Karen Ferden, Lois Ramse, Curt Asseing,

Steve Carlson, Don Vaa and Larry Hedlund. They enjoyed reminiscing, eating and going for rides around the lake. Bun was in 7th grade when they were seniors. He can remember when some of the girls wore hot pants. Ron Fleming was the principal at the time and he had a dress code for the girls. They were not allowed to wear blue jeans but hot pants were okay. Go figure!

Bun headed into Winger after the reunion to attend the Winger Fireman's ball. There was a fair crowd present but nothing special. The weather was perfect and the mosquitos were not to be found. They had a live band and food for those who were hungry.

Chris Wang from Gillette, WY. came out to the manor on Sunday for a visit. He came home Saturday to help his sister celebrate her marriage at the reception party on the farm. She got married on Thursday at the Fireside in Bagley to David Norton. Congratulations Debbie.

Orv Voxland, Erskine, Pete Bovee, Wayzata and Gib Hovland from Florida enjoyed a WEM round of golf last week. Later visited Marv Wikstrand while Lois Ostenna fixed a lovely lunch at her place for Janis & Mary Nell.



30 years ago...1987: (R-L) Adam Lundquist and Brady Strom are ready for the 3-4 year old life-saver race during Crazy Day.



20 years ago...1997: The newest enterprise in McIntosh is owned by Crystal Tofstad, Jill Kaupang, and Brandee Sherer. The three girls were selling bracelets and pot holders made by their own hands. They set up shop on main street in front of the Community Center.



10 years ago...2007: Ella Strom was enjoying a ride on the duck while she was at the park with her grandma, Connie (not pictured).

Regional Ag News

Ed Gindele,
Extension Educator

Soybean aphid infestations and reports of failures of pyrethroid insecticides to control soybean aphid

Robert Koch (Extension Entomologist), Ian MacRae (Extension Entomologist), Bruce Potter (Extension IPM Specialist), and Phil Glogoza (Extension Educator – Crops)

By now you should be scouting your soybean fields for soybean aphid on a regular basis. Soybean aphid can be found in most fields throughout the state and populations have reached economic threshold (250 aphids per plant) in some fields in northwest Minnesota and have require insecticide application to protect soybean yield. In northwest Minnesota (especially around Norman County), applications of pyrethroid insecticides are failing to adequately control aphid populations in some, but not all, fields.

This is the third year in a row that we have received reports of failures of pyrethroids to control soybean aphid in Minnesota. In 2015 and 2016, field-level failures of pyrethroid insecticides were reported and pyrethroid resistant populations of soybean aphid were confirmed in Minnesota, particularly in parts of southwest Minnesota. In addition, a resistant aphid population was also found near Crookston in northwest Minnesota in 2016, just north of the area experiencing problems this year.

A few scattered fields at economic threshold have also been found in areas farther south this year. The susceptibility to pyrethroid insecticides of these aphid populations is not yet known. If aphid populations continue to build, fields in other parts of Minnesota could also require insecticide application in the coming weeks.

Here, we provide recommendations for management of soybean aphid with uncertain insecticide resistance status.

Insecticide choice: Despite the documentation of

insecticide resistance in Minnesota, pyrethroid insecticides have worked well for soybean aphid control in most parts of the state the last two years. Therefore, these products may continue to work well for many soybean aphid applications. Use full labeled rates of insecticide and high water volumes. However, an insecticide not containing a pyrethroid may be preferred for the first application, if threshold-level aphid infestations occur in fields in areas where:

1. failures were experienced in previous years (Figure 1) or
2. in the area experiencing failures this year (near Norman County).

Post-treatment scouting: We can no longer assume our insecticide applications will always effectively control soybean aphid. Therefore, it is important to scout fields three to five days after an insecticide

application to determine if adequate control of the pest was achieved. A follow-up application may be needed to protect yield.

Alternate insecticide groups: If an additional insecticide application is required for a field, switch to a different insecticide group (Table 1). Insecticide group numbers are listed on the label. Alternation of individual insecticide groups is generally more effective for insecticide resistance management.

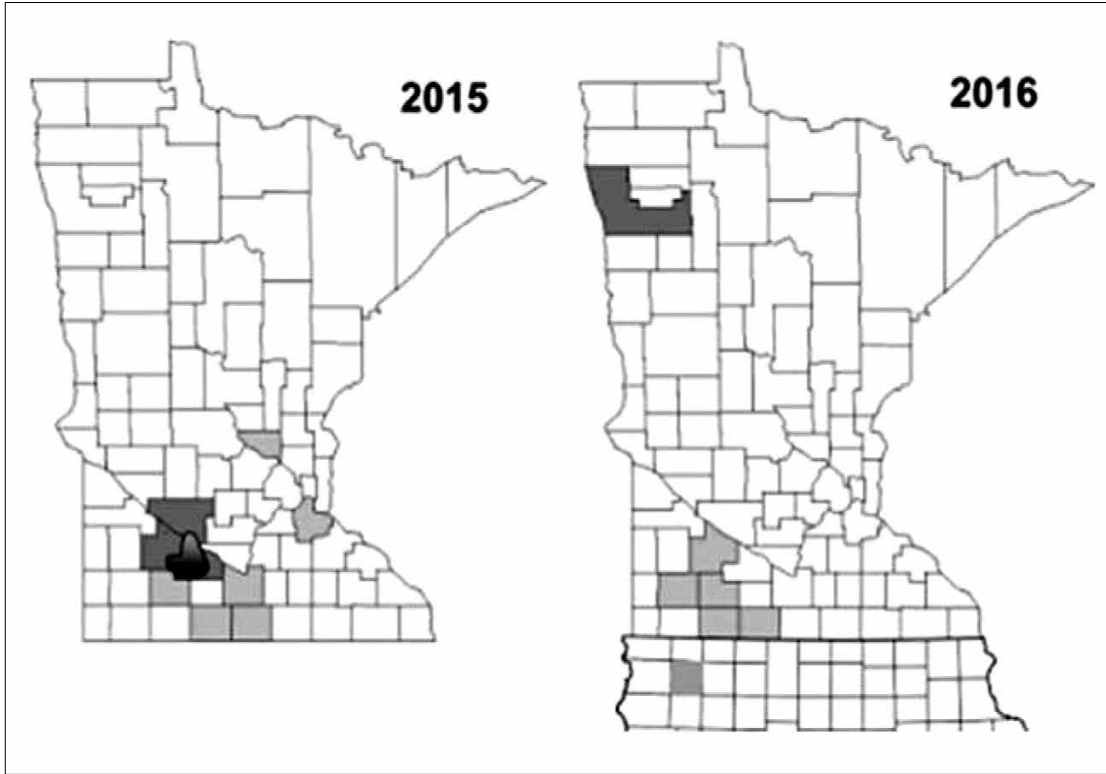
Several formulated mixtures (pre-mixes) are labeled for soybean aphid management. Use of insecticide mixtures is generally discouraged from the perspective of insecticide resistance management. Be aware that the different insecticides in some formulated mixtures are at reduced rates compared to products with single insecticides. Use of insecticide mixtures can further complicate al-

ternation of insecticide groups for any additional applications that may be required. In addition, the value of the multiple insecticides in a mixture may be less if the pest has already developed resistance to one of the insecticides in the mixture.

Further resistance management recommendations can be found in "Insecticide resistance management in soybean".

Determining resistance: Several factors can cause an insecticide application not to perform as expected. Before assuming resistance, you must rule out factors such as misapplication of the insecticide, unfavorable weather, and recolonization by the pest.

Potential cases of soybean aphid resistance to insecticides can be reported directly to us, or through a U of MN Extension webpage "Report Insecticide Failures for Soybean Aphid".



Locations of reported field-level performance problems of pyrethroids for soybean aphid management. Red indicates areas with more widespread reports of performance problems.

The County Line

By Warren Strandell
Polk County Commissioner, Dist. 2

The \$10 per vehicle Wheelage Tax that has been collected on vehicles registered in the Polk County for the past three 3 years has been given the heave-ho. The tax will now end when 2018 begins.

The County Board made the decision to end the tax as a part of an action in which counties needed to decide by Aug. 1 if they wanted to: 1. Eliminate a Wheelage Tax that was in place; 2. Either establish or continue the tax at \$10; or 3. Increase the rate to \$20 per vehicle.

There wasn't any interest in increasing the Wheelage Tax to \$20 per vehicle.

The vote to end the tax wasn't unanimous but that was likely because action on an alternative funding option for generating additional road dollars hadn't yet been decided.

That other funding option, a local option sales tax, will be on the agenda at the board's Aug. 22 meeting. A public hearing will be held at 11 a.m. on a proposal to institute a one-quarter percent sales tax to support the maintenance and improvement of roads in the county.

Following is some background information and other thoughts on the transportation subject... the thoughts being mine and not necessarily shared by other members of the board.

Just not right

First off, I didn't like the \$10 Wheelage Tax because the charge is the same for cars as it is for all other vehicles all the way up to semi-trucks. Since it takes 9,000 cars to do the same road wear as one legally loaded, 5-axle semi-trailer truck that just wasn't right. Enough said on that.

The Wheelage Tax gener-

ated about \$300,000 or more during each of the past three years, or a little more than \$1 million. This money has been used exclusively to improve "County Roads."

Polk County has two road systems, the County State Aid Highway (CSAH) system and the County Road (CR) system.

CSAH roads are built and maintained by the state gas tax, motor vehicle sales tax (collected when you purchase a vehicle) and the registration tab fees. CSAH roads are identified by one or two-digit numbers on the highway signs that mark them... 1, 6, 10, 11, 17, 21, 34, 58, etc.

The other system, County Roads, is maintained strictly by local levy dollars (your property taxes). These roads have no other funding source. County Roads are identified by three-digit numbers in the 200 series — 210, 214, 222, 232, etc.

Wheelage Tax dollars were used last summer to fund the overlays of CR 206 (\$150,000) and CR 214 (\$545,000). Another \$90,750 is being spent this year to overlay CR 210.

In County Engineer Richard Sanders' energetic 5-year plan, which included revenue from an increase to a \$20 per vehicle Wheelage Tax, funding would be in place in 2018 for the grading and surfacing of CRs 281 and 221 (a \$1 million project) and to overlay CR 238. No work was projected in 2019 to allow funds to accumulate to fund a pair of \$600,000 grading jobs in 2020 (CRs 202 and 203).

Sanders' goal involves overlaying the already "hard-surfaced" County Roads along with the grading of those that have gravel surfaces.

Sales tax revenue

Based upon state projections, a quarter-percent sales tax would generate about \$750,000 a year in Polk County. That's more than twice what the Wheelage Tax has generated.

To put the effect of a quarter-percent sales tax into perspective, this tax would add \$1 to the purchase of a new \$40 lawn mower. For a \$50 dinner tab for two, the added cost would be 12.5 cents. A family that has two automobiles would need to spend \$8,000 on sales taxable items to reach the \$20 collected through the current Wheelage Tax. Since food and clothing are exempt from sales tax, taxes for purchases of those items would not be collected.

While no one likes additional taxes, a one-quarter percent sales tax isn't likely to put anyone out on the street and it would collect a few dollars from out-of-county and out-of-state people who use our roads.

So, if it hasn't become obvious, yes, I'd like to see the quarter-percent sales tax instituted. You'll have a chance to voice thoughts at the hearing or you can give anyone of us commissioners a call beforehand.

Thoughts for the day:

I've learned that the best classroom in the world is at the feet of elderly person. — Mickey Rooney

Do not follow where the path may lead... go instead where there is no path and leave a trail. — Anonymous

Disclaimer: Thoughts expressed in this column are those of the author and are not necessarily a reflection of the opinions of the other members of the Polk County Board of Commissioners

Youth Fishing Day – August 12th at Rydell National Wildlife Refuge

Rydell National Wildlife Refuge (NWR) and the Friends of Rydell and Glacial Ridge Refuges Association will be hosting their 2nd Annual Youth Fishing Day at Rydell NWR on Saturday, August 12th, from 9:00am - 1:00pm. This free event is targeted towards youth age 15 or younger. Anglers age 16 and older must possess a valid Minnesota DNR fishing license to fish on the Refuge. A limited amount of fishing tackle (rods and reels) will be available, or youth anglers are welcome to bring their own. Bait will be provided, free of charge. The fish won't be the only ones eating for free – lunch will be provided for all participants.

The event will also include a fish cleaning demonstration and a casting seminar and contest. Certificates will be given to participants who catch their first fish, as well as for the biggest fish of each species and the winner of the casting contest. Other surprise prizes will be awarded to participants as well!



Youth, Jake Knutson fishing photo from Tamarac Lake at Rydell.

Fishing within Rydell NWR is only allowed from designated piers on Tamarac Lake. Additional fishing piers will be added for the youth fishing event. Shuttles will transport participants from the Refuge Visitor Center to Tamarac Lake and back.

Pre-registration is required. Please call or email one of the below contacts no later than Tuesday, August 8 to sign up for the event.

All participants should check in at the Refuge Visitor Center on the day of the event. Rydell NWR is located 3 miles south of Highway 2, between Mentor and Erskine, at 17788 349th St SE.

For more information, please contact Gregg Knutsen, Refuge Manager, at 218-687-2229 x16 / gregg_knutsen@fws.gov or Lisa Wiersma, Administrative Support, at 218-687-2229 x10 / lisa_wiersma@fws.gov

SPORTS PHYSICALS

altru.org/sportsphysicals



August 8 & 14, 2017

Altru Clinic | Erskine | 23076 347th St. SE

Altru is offering these exams at a reduced cost of \$35 which will be donated back to your school's athletic department. When you make your appointment be sure to state that you wish to schedule a sports physical at one of the clinics. Call 218.687.5317 for appointment. \$35 due at time of physical.

- GIVE BACK TO YOUR SCHOOLS -

Student physical examination tips

School time requires having all of the necessary supplies, clothing and gear ready for the year. In addition, preparing for a new school year often involves providing updated physical health information to the school administration.

The requirements for health screenings and reporting may vary between school districts. Some physical examinations need to be conducted annually, while others may only need updating at certain intervals, such as when kids transition from elementary school to middle school or middle school to high school. Updated physical forms also may be required at the start of a sports season.

Health screenings are intended to detect problems that may interfere with learning. Physical exams may indicate issues that can hamper progress or shed light on undiagnosed problems that may require further assessment and necessitate customized learning plans to help students succeed. Physical exams are also a way to ensure students' immunizations are up to date.

According to the Pennsylvania Department of Health, physical exams typically are completed by students' primary

care providers. Some school districts offer free or low-cost health assessments through school providers as well.

Students who will be traveling for school may be required to meet the health requirements of their destination country. For example, medical students admitted to a Canadian university may be required to get a medical exam, according to the Government of Canada.

Visiting the doctor, nurse practitioner or a school-provided medical professional may not make school-aged children too happy. To make the process go smoothly, consider these suggestions.

Work with physicians who have access to electronic health records. EHRs are secure technology that provides easy access to vaccination records, health history, appointment reminders, and even prescription information. Some providers even make it possible for patients to directly access their health information through a secure login, helping save time.

Make appointments during school hours. After-school appointments are peak times for pediatric offices and

medical clinics. Sign students out of school early to visit the doctor for medical exams. The staff likely will be less harried, and you can spend more time asking questions and completing forms. Schools may not count the absence if a doctor's note is provided.

Don't forget the forms. Bring the right paperwork so that the staff can fill out what is necessary for the school, camp or sports league.

Know your insurance guidelines. Physical exams may be part of routine well visits. Insurance companies institute their own policies regarding how frequently physicals can be conducted (usually annually). Be sure to schedule the appointment accordingly.

MAC TO FLUSH WATERLINES

The City of McIntosh will be flushing waterlines and hydrants each Thursday throughout the summer.

Residents are encouraged to watch for rusty or dirty water on these days. Fill washing machines to check water before adding clothes.



The State Patrol Troopers that came to visit with those who attended the McIntosh Public Library's summer reading program last Monday were given a book about all the duties of the Minnesota State Patrol and the Troopers.



There was a great bunch of kids that turned out to visit with the Minnesota State Patrol Trooper that stopped by the McIntosh Library for a program about being safe on the road and in our communities last Monday at the Community Center.