

# Mahomet Aquifer

Earlier this year, the Viewpoint Committee sought out the views of our members through our annual winter survey. One of the topics we looked for input on was current and future protection of the Mahomet Aquifer. Based on the feedback we received from the survey, we included this topic in our winter viewpoint meeting series. George Roadcap PhD, a Hydrogeologist with the Illinois State Water Survey- Prairie Research Institute and an Adjunct Professor – Department of Geology at the University of Illinois was the guest speaker during these meetings. Roadcap’s talk centered on the December 2018 report on the aquifer. The report and the data that it contains is just the latest effort in protecting this natural resource.

The latest report process started in 2017 when the Illinois General Assembly created the Mahomet Aquifer Protection Task Force. This task force consisted of 24 people including Illinois legislators, mayors from several local municipalities, and representatives from several businesses and state associations. According to the report, these members were responsible for identifying “gaps in existing aquifer-protection regulations and efforts, specifically by:

- Developing a state plan to maintain the groundwater quality of the Mahomet Aquifer;
- Identifying current and potential contamination threats to the water quality of the Mahomet Aquifer;
- Identifying actions that might be taken to ensure the long-term protection of the Mahomet Aquifer; and
- Making legislative recommendations for the protection of the Mahomet Aquifer.”

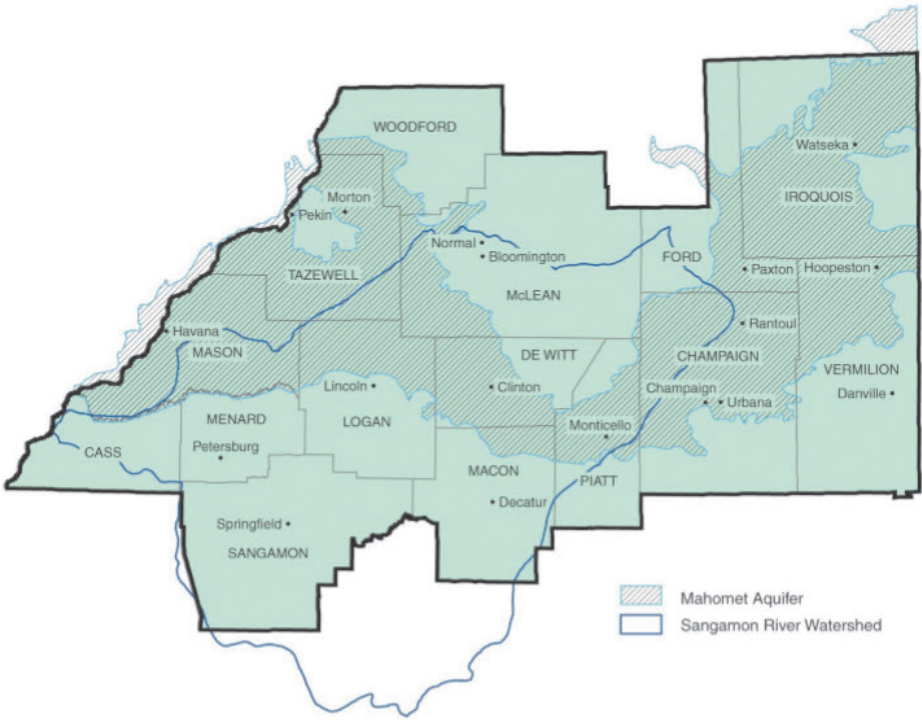
The task force met every month, sometimes bi-monthly, for one year. Illinois Senate Bill #2073 has been introduced and would allow for this task force to reconvene and be an ongoing committee.

The report outlined, identified current and potential threats to the water quality of the aquifer including:



George Roadcap

- Underground natural gas storage was a particular focus because in December 2016 a natural gas leak was identified from a Peoples Gas Light and Coke Company underground storage facility in northern Champaign County and within the designated sole-source aquifer boundary for the Mahomet Aquifer
  - Abandoned wells
  - Legacy landfills
  - Nitrate
  - Arsenic
  - Road salt
  - Source water susceptible to contamination
  - Household hazardous waste/pharmaceuticals and personal care products
- Based on these treats and other factors the Task Force recommended the following actions including legislative actions, to ensure the long-term protection of the Mahomet Aquifer:
- Provide funding to the Prairie Research Institute (PRI) to use helicopter-based time-domain electromagnetics (HTEM) technology to more accurately map and characterize the Mahomet Aquifer to aid in identifying the connections with other aquifers and surface waters.
  - Use HTEM and other techniques to identify



SOURCE: MAHOMET AQUIFER CONSORTIUM, <http://www.mahometaquiferconsortium.org/info-maps.html>

- tify areas where the Mahomet Aquifer is recharged.
- Integrate data collected via HTEM into next-generation groundwater flow models.
  - Develop and implement source water protection plans for the community water supplies determined to be susceptible to groundwater contamination.
  - Implement the recommendations outlined for each identified threat and potential threat (as detailed in the final report) and provide additional funding to PRI to deploy state-of-the-art monitoring networks and create the analytical capability to identify emerging contaminants of concern.
  - Improve education and outreach regarding the Mahomet Aquifer such that all stakeholders are better informed about water resources, water demand, and water supply planning and management, particularly when plans are made, reviewed, and updated.
  - Develop a group with a mission similar to the Mahomet Aquifer Protection Task Force that is a blend of other select individuals that serve in a quasi-government or government capacity to provide leadership, administrative stature, or process for regional water supply.

- Plan cooperative research and data collection, analysis, management, and exchange by academic institutions, units of government, the private sector, and other stakeholders.
- Use the established water supply planning process to review and update regional and local water supply plans at least every five years.
- Ensure comprehensive use reporting by consistently and fully funding the Illinois Water Inventory Program.

Finally, the task force report also laid out the specifics of the aquifer and how important this water is to Illinois. The report states “The Mahomet Aquifer is one of Illinois’ most important groundwater resources. It serves as the primary source of drinking water for more than 500,000 people in 15 Illinois counties and provides an estimated 220 million gallons

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## Deidra Ochs Retires After 25 Years of Service

Please join us in wishing a very happy retirement to CCFB Membership Director Deidra Ochs. Deidra retired on May 22 after 25 years with the Champaign County Farm Bureau.

Deidra’s career started when she stopped by the Farm Bureau to pick up an application for an ad she saw in the paper. Now retired Champaign County Farm Bureau Manager, Bob Wendt, interviewed Deidra on the spot and offered her the job. Deidra says she remembers, “Bob had me take a typing test and I was so nervous my fingers were shaking!” Lucky for all of us it all worked out!

Thank you for your commitment to Farm Bureau members throughout Champaign County! We all wish you the best in retirement!





# June Report

President, Mike Briggs



I'm writing this month's article on the 16th of May after planting our first field earlier today. We have one other field ready for planting if we miss tonight's forecasted rain. The precipitation maps for the coming weeks don't look promising for an extended planting run. This spring has been one for the books already and we still don't have much done in Champaign County. I would like to ask everyone to keep safety at the forefront when we do get busy with planting. I know everyone is stressing with the delays but injuries will only add to the stress. I think that's enough for this month.

Stay safe and look out for each other this spring.

Sincerely,  
Mike Briggs

## Marketing Committee Meeting

Wednesday, June 26 @ 6:30 p.m.

Champaign County Farm Bureau

### Mahomet Aquifer continued from Page 1

of water per day to communities, agriculture, industry, and rural wells. The vertical and horizontal boundaries of the aquifer generally follow the historic Mahomet Bedrock Valley where it enters Illinois from the Indiana border on the east to the Illinois River on the west.

Roadcap added, "The committee did come to the conclusion that they would like to have the opportunity to gather more information and continue to study the Mahomet Aquifer." In order for committee work to continue funding is needed. Roadcap is following a series of bills introduced by State Senator Chapin Rose currently awaiting legislative action.

- Senate Bill #2027 addressing legacy landfills which are old landfills

which predate the EPA and modern laws.

- Senate Bill #2073 goes back to setting up the task force as an ongoing committee.

- Senate Bill #2070, #2071, #2072 allow for funding to study the aquifer.
- Senate Bill #2074 would allow the state to accept money from People's Gas for some work and study of the aquifer.

The Farm Bureau, PRI, and George Roadcap among others, continue to monitor and learn more about the aquifer, allowing for users of the aquifer to be better informed and make better decisions in how we utilize and protect this resource.

The full report that was released in December of 2018 can be found at <https://www2.illinois.gov/epa/topics/community-relations/sites/mahomet-aquifer-task-force/Pages/default.aspx>

## CCFB Calendar of Events

### June 2019

June 10	Women's Committee	9:30 a.m.
June 11	Premier Ladies Marketing	9:30 a.m.
June 13	Prime Timers	10 a.m.
June 18	Legislative Committee	7:30 a.m.
June 20	Full Board	6:30 p.m.

### July 2019

July 8	Women's Committee	9:30 a.m.
July 9	Premier Ladies Marketing	9:30 a.m.
July 11	Prime Timers	10 a.m.
July 13	CDL Training	
July 16	Legislative Committee	7:30 a.m.
July 18	Full Board	6:30 p.m.

**Join the Prime Timers!**  
**June 13 starting at 10 a.m.**

*Featured Speaker: Bill James,  
Emergency Management*

*Entertainment: Chrissy Sparks*



Gerald Henry, Prime Timers Chairman

**Meetings are held on the second Thursday of each month**

**Cost \$8 to attend**

**Call 352-5235 ahead of each meeting to reserve your spot**

**Mark your calendar for future meetings!**

**July 11**  
**August 8**  
**September 12**

## WOMEN'S COMMITTEE

*The Champaign County Farm Bureau Women's Committee is*

*open to all women interested in agriculture.*

## SCHEDULE OF EVENTS

**June 10**

**9:30 a.m. - Regular Meeting**

**11a.m. - Tour: Meat Science Lab-  
University of Illinois**

**Lunch: Casa Del Mar following tour**

**June 25**

**9:30 a.m. Sewing Day- Farm Bureau Auditorium**

**Bring Fabric for Pillow Case**

**July 8**

**9:30 a.m. - Regular Meeting**

**Special Speaker- Writing your Life Story**

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call or click before you**

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# 2019-2020 Champaign County FFA Officer Teams



Fisher FFA

Left to Right: Adam Nash-Sentinel, Felicity Schaffer – Vice President, Katie Landers-Reporter, Lacey Cotter-Secretary, Dominick Casten-Treasurer, Mia Musick-Historian, Will Shook-President



Heritage FFA

Starting from the left: Konner Pearman-Student Advisor, Ryan Cheatham- Sentinel, Jack Benschneider- Farm Manager, Malani Smithenry- Reporter, Lynnae Struck- Vice President, Rianna Rothermel- Secretary, Anna Sanders- Historian, Hannah Beck- Treasurer, Jada Davis- President



Section 17 FFA Officers

President- Morgan Jones (Tuscola), Vice President- Jada Davis (Heritage), Reporter- Mallory Ames (SJO), Secretary- Tessa Smith (SJO), Treasurer- Chloe Smith (Rantoul), Sentinel- Will Shook (Fisher)



St. Joseph Ogden FFA

Starting from top left: Ross Booker-Plot Manager, Brodie Landreth-Historian, Brock Lo-schen-Reporter, Brodie Sullivan-Treasurer  
Bottom left: Mallory Ames-President, Tessa Smith-Vice President, Rachel Wilson-Sentinel, Lindsey Aden-Secretary

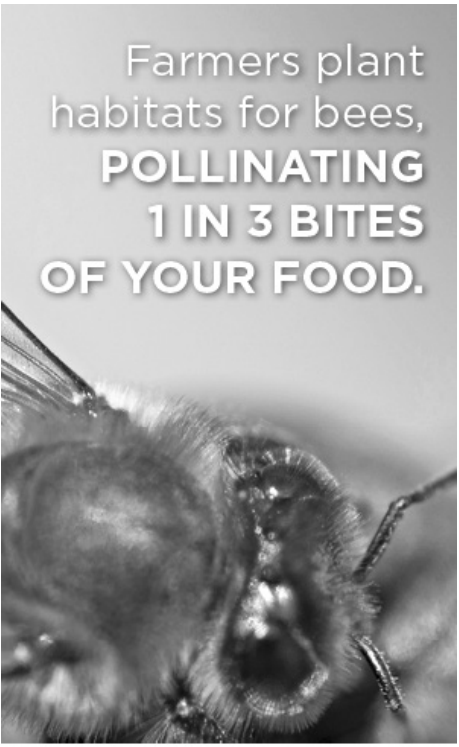


Unity FFA

Left to Right: Grant Anderson- Sentinel, Delaney Kamradt- Historian, Emma Felsman-Reporter, Shannon Flavin- Vice President, Jaxson Rothe- President, Destiny Williamson-Secretary, Maggie Woodworth- Treasurer, and Kylee Turner- Plot Manager

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## 2019-2020 Mahomet Seymour FFA Officer Team

President: Natalie Mitchell, FFA Vice President: Joey Sullivan, FFA Secretary: Brayden Bone, FFA Treasurer: Kameron Hacker, FFA Reporter: Zoe Hovde, FFA Sentinel: Bella Davenport, FFA Junior President: Jackson Craig, FFA Junior Vice President: Kamryn Frost, FFA Junior Secretary: Allan Howard, FFA Junior Treasurer: Hunter Crowe, FFA Junior Reporter: Campbell Cruse, FFA Junior Sentinel: Anna Lagacy





MRS. KAPER'S CLASSROOM

April2019

CHAMPAIGN COUNTY  
AG IN THE CLASSROOM

Where We've Been...

Urbana K-3, Rantoul 3rd, Rantoul Edison Middle School  
Robeson Elementary, Ludlow Grade School,  
Leal Grade School, Thomasboro Grade School  
Mahomet 1st-4th, Unity East Grade School  
St. Thomas Elementary, Thomas Paine Grade School  
Rantoul Ag Days at Gordyville

What We've Talked About...

Topics	Students	Teachers/Lessons
Apples	26	1
Careers	40	2
Corn	561	18
Dairy	245	9
General Agriculture	451	14
Poultry / Eggs	746	35

Partners in Ag Education...

Champaign County Farm Bureau, UI Extension  
College of ACES, UI Spring AgEd 300 Class  
Fair Oaks Farms

Welcome...

Mikayla Busby - UI Ag Ed Major  
Ag Discovery / AITC Intern

Thank  
You!

Our sincerest "thanks" to the following individuals who made teaching local students about agriculture a priority and generously donated to the Grounded in Ag campaign!

- Derald Ackerman  
Roger Armstrong  
Michael Babb  
Dawn Babb  
Harold & Ann Barnhart  
David & Mary Lou Bauer  
Leann & Charles Benner  
David Berbaum  
Carl Bialeschki  
Scott Bidner  
Joan Block  
Jamie Boas  
Brennon & Carlee Breyemeyer  
Michael & Mandy Briggs  
Christine Bruns  
Arlen Buhr  
Fred Bunting  
Joan Burke  
Joseph Burke  
Darrell & Barbara Busboom  
Virginia Busboom  
Maury Busboom  
Paul and Diane Cain  
Delmer Castor  
Linda Clem  
John & Mary Corum  
Nicole Crites  
Ken & Barb Dalenburg  
Mark & Denise Dalton  
Leonard & Christie Delaney  
Ramona Dillard  
Alan Dodds  
Craig & Jane Donoho  
Patricia Drake  
Andy Edwards  
Leanna Ehrhardt  
Wayne Emkes  
Ron and Kelly Estes  
Barbara & James Esworthy  
John Fisher  
Marcia Fisher  
Stephen Fisher  
Kellie Franzen  
Dale & Connie Franzen  
Marlin Franzen

Dwayne & Jodi Gilliland  
Duane Goodwin  
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Harold and Lois Guither  
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Bernard & Mary Ann Hammel  
Charles & Sharon Hansens  
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Kay Horsch & Richard  
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David Kibler  
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Kent & Linda Krukewitt  
John Lannon  
Joseph & Diane Lecher  
Walter Lembke  
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Ryan Martin  
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Barry Maury  
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Richard Maxwell  
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Janet Miles  
Michael Miller  
Donald Miller  
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Daniel Mills  
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Rick & Jodi Wolken  
David & Denise Wolken  
Trent Wolken  
Larry & Marguerite Zahnd  
Luke & Amanda Zwilling

Moving Forward, Together

Kirk Builta, Executive Director

**Integrity. Stewardship. Legacy.** While I was not in the room when our organization was founded on March 15, 1985; I'm confident that our founding fathers had these values in mind. 34 years later the CCFB Foundation Board of Directors and staff continue to hold these ideals close to our hearts. Over the past three decades the CCFB Foundation has seen great progress thanks

to the steadfast support of our donor's time, talent and treasure. We're proud of the traditions we've built together and look forward to those that lie ahead. As the CCFB Foundation has evolved, we always strive to communicate more clearly with our donors as well as with our scholarship recipients, elementary school students, and the community. In an effort to provide

clarity to the community about our role in classrooms, our educational programming will now be called **Champaign County Ag in the Classroom**. The Ag in the Classroom program will continue the legacy created by past volunteers and staff members, while more clearly communicating our efforts to teachers, students, and in the community. While we continue to evolve in the

future, we're thankful for your partnership. We strive to provide programming that our donors and stakeholders are proud to support. I look forward to sharing more about our organization as well as its mission and vision in the July issue of the CCFB Newsletter. From there we hope to count on your continued support as we move forward, together.





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## Three Types of Auto Coverage Explained

*by Valerie Hawkins*

Chances are, if you own a car, and you're a law-abiding citizen, you have auto insurance. And although auto insurance is one of the most common types of insurance out there – there are a lot of icky, confusing terms that go along with it.

But don't let insurance mumbo-jumbo get you overwhelmed. My goal is to explain the three most common types of auto insurance coverages without putting you to sleep.

Here goes nothin'...

**Liability coverage:** Protects you if you cause damage to others and/or their stuff.

Liability can help cover another person's medical bills or costs to repair their vehicle and property damaged from the accident.

Most states have legal minimums to how much liability coverage you must have. It's often a good idea to carry more than what's required, to decrease your chance of high out-of-pocket costs later.

**Collision coverage:** Covers your car if you hit another car, person or non-moving object (like those darn ornamental rocks cousin Todd has at the end of his driveway). #TrueStory

Collision coverage helps cover costs to repair your vehicle regardless of fault. Collision does not cover if you hit an animal or if your car breaks down because it's really old and untrustworthy.

Are you still awake? Ok, good.

**Comprehensive coverage:** Protects your car from things other than liability and collision, like theft, vandalism, fire, severe weather, hitting Bambi (don't worry, he's fine), etc.

Comprehensive coverage is typically sold alongside collision coverage. Think of them as peanut butter and chocolate. Ok on their own. But together, magic.

Sometimes, when you have more questions than answers on confusing insurance terms, it might seem easier to do nothing at all. So, whether you're protecting the things you love or preparing for tomorrow, don't get overwhelmed, get started.

Auto insurance policies issued by COUNTRY Mutual Insurance Company®, COUNTRY Casualty Insurance Company®, and COUNTRY Preferred Insurance Company®, Bloomington, IL.



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Administrative Assistant  
Champaign Agency



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**Dawn Babb**  
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**Andrew Deedrich**  
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**MARK THORNSBROUGH,**  
**GENERAL MANAGER**

# From The Field

by **Dr. Howard Brown**

## Post-Germination Challenges

**Missing primary root (radicle).** The radicle (primary root) is the first thing to emerge from the germinated seed. It may be 0.5 to 1.0 inches long before the shoot is noticed just above where the radicle originates. If the shoot is identified but the radicle is absent, plant growth will be impacted with little chance of recovery to normal growth. Reason for missing radicle includes soil-borne disease infection (Ex: Pythium), or fertilizer burn (free ammonia or salt burn from starter fertilizer). If the radicle is commonly missing from germinated seeds an assessment of the stand's viability is warranted.

**Missing endosperm.** Below ground insects can have a significant impact on seedling establishment. Damage to the pericarp (outer seed shell) provides an entry-way for various soil pathogens, possibly causing rot and death of seedling or seedling roots. Loss of endosperm (stored food within seed) due to insect feeding may have a significant effect on early growth or seedling establishment. Common insects that feed on endosperm include: Seed Corn Maggots, Seed Corn Beetles and Wireworms.

**Damaged mesocotyl.** The young corn seedling relies on the seed for water and food until the permanent root system is functional (usually after 3 fully emerged leaves). Any injury to the plant's mesocotyl (white fleshy tissue connecting seed to seedling) prior to permanent root development will likely have a significant impact on early growth. Look for plants that appear to have a delayed emergence. Dig up the smaller plants, wash off the seedling, and look for injury to the mesocotyl. All it takes to slow growth is a small feeding site or infection to disrupt nutrient and water flow to the young seedling. Plants expressing a delay in growth are commonly misdiagnosed as seeds planted into dry soil or seeds planted at a different depth.

**Changing from pre-plant to pre-emerge applications.** If the plan to apply herbicides and UAN is changed from pre-plant to pre-emerge, make sure the work schedule (and weather) allows for a timely application before plant emergence. A few coleoptiles reaching the soil surface with the leaves beginning to unfurl is not a late pre-emerge stage. If any coleoptile or leaves are visible, the field is at an early post-emerge stage. Many herbicides labelled for pre-emerge application injure the young seedlings if applied to plant tissue. An application of Urea-Ammonium Nitrate (UAN) applied to plant tissue can desiccate (dry-up) a tissue it contacts. Even if it appears that only a few plants have emerged, many more will have emerged by the time an application is made. If plants have emerged, even if a few, transition into an early post-emerge mode of thinking. Avoid an application-induced stress to the 2019 corn crop by switching to a post-emerge approach to weed control and an N application.

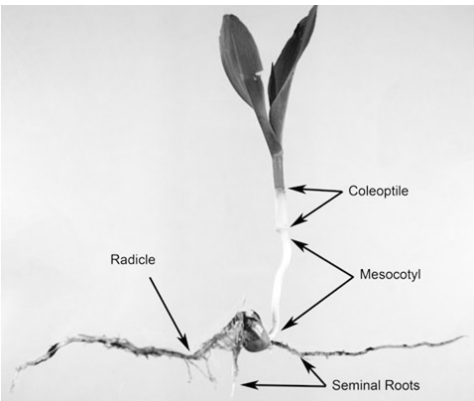
## Nitrogen Management

The adage "A pound of N is a pound of N", regardless of source, is true. Any of the sources commonly available can be used if the appropriate management practices are followed.

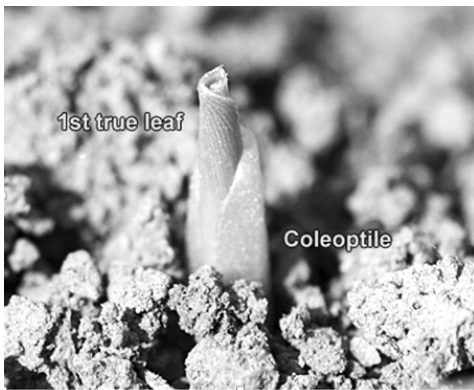
**Anhydrous ammonia** can be applied from planting to V6-V7 (until too tall for application). Limitations when using anhydrous ammonia include the risk of weather



*Image 1. Radicle is first to emerge followed by the shoot (coleoptile). Source: Dr. Robert Nielson, Purdue University*



*The mesocotyl connects the seedling plant to the seed and primary root system. Any injury to the mesocotyl prior to development of the permanent root system will slow seedling development.*



*Image 3. Once the coleoptile breaks through the soil surface any input application is considered a post-emerge application. A pre-emerge application applied at a post-emerge time may cause significant injury to seedling growth and development.*

*Source: Dr. Robert Nielson, Purdue University*

delays, dry soil at point-of-injection, or leaf injury (loss of free ammonia from open knife trench). It is also difficult to avoid damage to end rows (tractor pulling an applicator and tank). Post-emerge applications of anhydrous ammonia will require rainfall following the application to help move the N to plant roots. Injected N will likely remain plant-available longer during extended dry periods, since it is placed closer to the sub-surface moisture (what will sustain the plant during droughty conditions).

**Urea-Ammonium Nitrate Solutions (UAN, 28%, 32%)** can be applied pre-emerge up to flowering (tassel emergence) with the appropriate application equipment. It can be broadcast (pre-emerge), injected between rows, or banded (Y-Drop), but should not be applied broadcast post-emerge (significant crop injury/stand reduction may result). Any significant application of UAN applied broadcast to the soil surface should contain NBPT (Agrotain) to minimize volatilization (N loss). A urease inhibitor, such as Agrotain, inhibits the conversion of urea to ammonium-N for approximately 10 to 14 days, allowing time for incorporation (3/4" rain event or mechanically). A limitation to surface broadcast or banded UAN is placement if conditions are dry after application. Water is needed to move N into the plant. A N deficiency may occur if an extended dry period follows the application, even though an adequate amount of N was applied.

**Broadcast Urea with Agrotain.** Many overlook broadcast urea as an option to supplemental N applications. It provides an effective delivery of N to the soil surface, allowing roots close to the surface easy access to N following a rain event. Agrotain (NBPT) must be used to inhibit volatilization (loss of N as free ammonia from the surface). It inhibits the conversion of urea to ammonium-N for approximately 10 to 14 days, allowing time for incorporation (3/4" rain event or mechanically) before loss by volatilization.

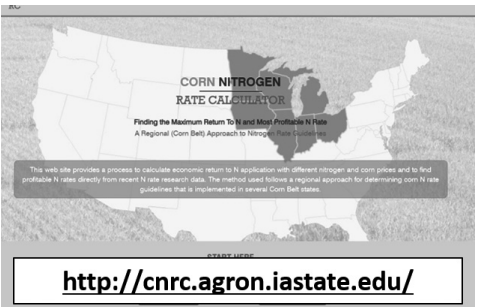
The intensity of leaf burn following an application of broadcast urea will be dependent upon temperature, sunlight and humidity following the application. The burn is related to moisture loss from the leaves, not fertilizer dust on the leaves. If hot and sunny conditions follow an application, the appearance of burn will be more noticeable. If it is cloudy and cool following an application, burn may not even occur. Regardless, leaf injury caused by a post-applied broadcast application of urea with Agrotain should not have an impact on harvest yield. An N deficiency may occur if an extended dry period follows the urea application (N applied to surface where it will be dry). Significant N loss due to volatilization may also occur if rainfall is not received for several weeks after application (volatilization).

**Should N Rate be Reduced?** There are two answers to this question:

1. **No**, if the 2019 corn N rate was calculated using the N Rate Calculator. Although the probability of high yielding corn is less for corn planted the end of May, there will always be an environment that defies expectations. If inputs are reduced because of anticipated lower yields, then lower yields will be the outcome.

2. **Yes**, if the 2019 corn N rate exceeds the N Rate Calculator suggested rate. More nitrogen does not equate to more yield. Applying more N than is utilized by the plant can have a negative impact on both farm profitability and our natural resources (water and air). Nitrogen is the 2nd greatest input cost to corn production. Learning how to improve farm profitability can start with a refreshed look at Nitrogen Management Plans. Want to learn more about the behavior of plant-available N, ask your local Illini FS Crop Specialist about N-TRACKER Plus.

**N-TRACKER Plus UPDATE.** We are tracking plant-available N from over 70 sites within the area served by Illini FS (Champaign, Clark, Douglas, Edgar and Vermilion Counties). The first sampling date across sites detected 30 to 50 pounds of residual soil N remaining in the upper soil profile following the Spring thaw. Compared to 120 to 140 pounds plant-available N detected in December 2018 (where no N was applied after harvest), a loss of 90 pounds of plant-available N is estimated. The higher Fall concentration of residual N may be attributed to an early 2018 harvest and the continued mineralization of soil organic matter with no crop to remove the release N (no uptake). The loss of N (between December 2018 and April 2019) was likely caused by the frequent rain events between harvest and the spring thaw. If correct, this helps explain elevated nitrate-N concentrations of some area lakes (e.g. Lake Springfield) even though little-to-no fall N was applied. The finding also suggests that organic matter mineralization after fall harvest (no uptake) may be a significant contributor to nitrate loading of surface water, supporting the use of cover crops to capture plant-available N after harvest. Visit with your local Illini FS Crop Specialist to learn how to participate in the N-TRACKER Plus Program.





# Talking Points of the Month

## Topic: Illinois Farmers' Water Quality Efforts

Have you found yourself standing around the coffee pot at the local gas station and debating with friends and neighbors about agriculture issues? Each month CCFB will highlight a trending agriculture topic and provide you with talking points. Stay up to date with the most recent information from Champaign County Farm Bureau and the Illinois Farm Bureau.



The number of efforts by Illinois farmers and farm organizations to

reduce nutrient losses to the state's waterways continues to grow

- Agriculture in the state is proactively addressing water quality issues.
- Illinois is one of 11 states in the Mississippi River basin to enact a nutrient loss reduction strategy (NLRS). It sets goals for cutting nutrient losses to the state's waterways by 2025. It outlines action by farmers, cities and towns, water treatment plants, and others – all of whom can help improve water quality.
- Farmers throughout the state are using – and adding – best management practices (BMPs) to reduce nutrients leaving their fields.
- Farm groups are funding imple-

mentation efforts to reduce nutrient losses. Projects are taking place in counties throughout the state so that farmers everywhere can learn what works best in their area.

- Farmers fund on-farm and academic research into BMPs through the Illinois Nutrient Research and Education Council (NREC).
- A partnership among IFB, county Farm Bureaus, FS member companies and GROWMARK is demonstrating local nutrient stewardship focusing on the 4Rs – right source, right place, right time and right rate of fertilizer. Several practices are being implemented as part of the 4R4U project. They include DTN weather stations, soil

sampling, cover crops and split nitrogen application. Information collected demonstrates how 4R nutrient stewardship can help optimize crop yields while also reducing environmental impact. (See [www.ilfb.org/NLRS](http://www.ilfb.org/NLRS).)

- IFB is working with Illinois' livestock associations to help farmers understand the state's environmental regulations and to improve their environmental performance. The rules, which apply to all livestock farms, require farmers to collect, contain and apply manure in a way that does not cause water pollution. Further, livestock farmers are required to prevent runoff from feedstuffs and feed storage areas.

## FEATURED TRIP – September 12, 2019

### THE PAJAMA GAME - Theatre At The Center, Munster, IN

This Tony Award winning best musical inspired the film starring Doris Day. There's trouble at Sleep-Tite pajama factory when workers demand a raise of 7 1/2 cents. Both sides are standing firm, but when the head of the Union Grievance Committee meets her new supervisor, love changes the game. This musical comedy romance includes favorites "Steam Heat," "Hernando's Hideaway" and "Hey, There."

A trip to the beautiful Theatre at the Center does not disappoint! The Theatre at the Center was established in 1990 and attracts over 50,000 patrons annually. Martin Kappel, the founder of the facility, created a space with more than 400 seats to provide live theatre, music, comedy, and entertainment. According to their website, [www.theatreatthecenter.com](http://www.theatreatthecenter.com), the Theatre at the Center honors a tradition that began in 1992 which welcomes celebrity headliners to perform for audiences at the Munster venue. Grab your friends and register today!



**Price per person: \$105.00**

**Deadline to register, be paid in full or cancel: August 19, 2019**

## CDL Prep Course

Farmers and farm employees are exempt if they do not drive a semi-trailer and are within 150 air miles of their homes.

The cost of the prep course is \$50 for Farm Bureau members and \$55 for non-members. To register for the class, clip the bottom of this page and send it

with the payment to the Farm Bureau, 801 N. Country Fair Dr., Champaign, IL 61821. Registration deadline is Friday, July 5, 2019. There is a minimum of 10 participants to hold the class and a maximum of 50 total participants.

### Registration Form for CDL Prep Course

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
street or county road address city zip

Email Address: \_\_\_\_\_

Phone: \_\_\_\_\_  
home/work cell phone

Check the test(s) which needs to be taken:

<input type="checkbox"/> General Knowledge	<input type="checkbox"/> Doubles/Triples
<input type="checkbox"/> Air Brakes	<input type="checkbox"/> Passenger Vehicles
<input type="checkbox"/> Combination Vehicles	<input type="checkbox"/> Hazardous Materials
<input type="checkbox"/> Tankers	

Farm Bureau member (\$50) \_\_\_\_\_ Non Farm Bureau member (\$55) \_\_\_\_\_

Deadline: July 5, 2019

Return to:  
Champaign County Farm Bureau Registration  
ATTN: Brenda  
801 N. Country Fair Dr.  
Champaign, IL 61821

### CHAMPAIGN COUNTY FARM BUREAU NEWS

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CHAMPAIGN COUNTY FARM BUREAU  
Hours: 8:00 a.m. to 4:30 p.m. Monday-Friday  
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Contact us at (217) 352-5235  
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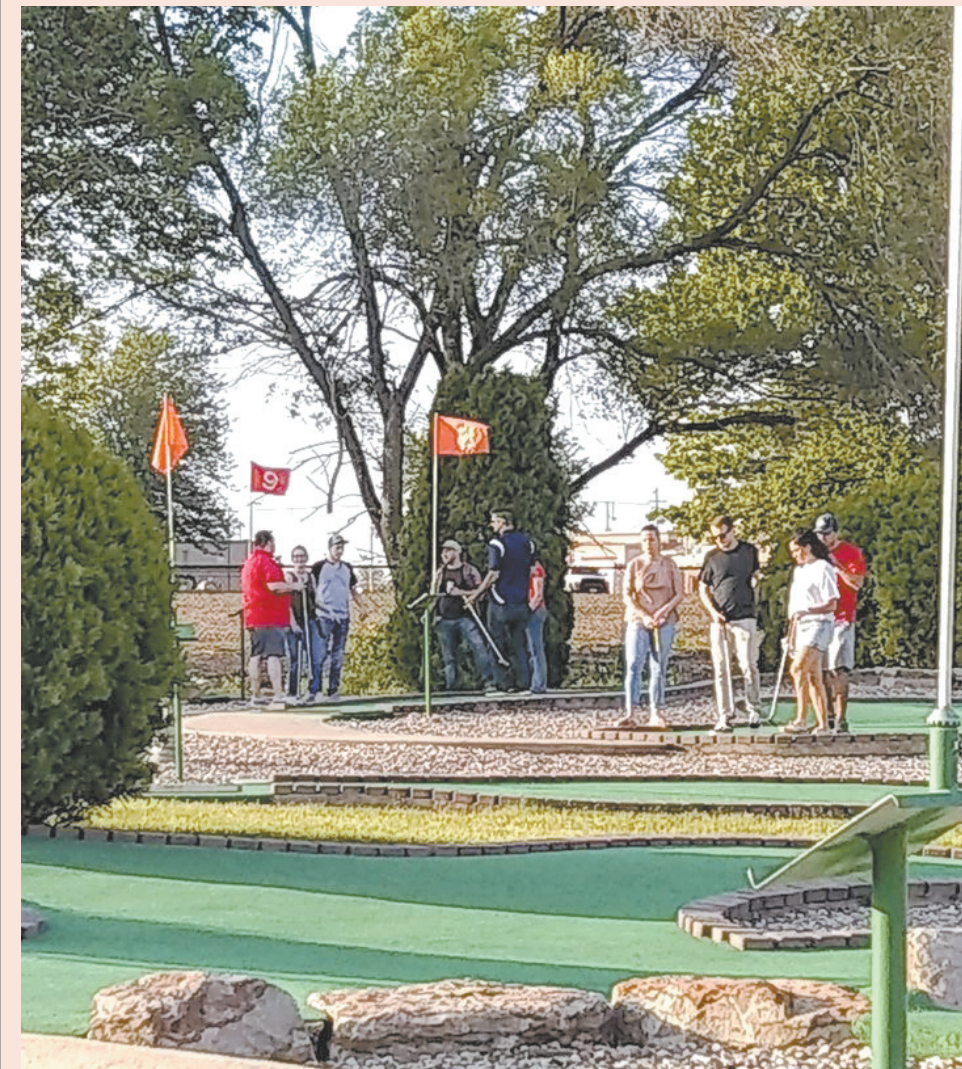
There will be a Commercial Driver's License (CDL) prep course on Saturday, July 13, 2019 from 9:00 - 11:00 a.m. in the Farm Bureau Auditorium. The class will cover general knowledge of CDLs: air brakes, combination vehicles, tankers, doubles and triples, passenger vehicles and hazardous materials.

A CDL is required if you drive any of the following: any combination vehicle with a Gross Combination Weight Rating of 26,001 pounds or more, providing the Gross Vehicle Weight Rating (GVWR) of the vehicle being towed is more than 10,000 pounds; any single vehicle with a GVWR of 26,001 pounds or more or any such vehicle towing another not in excess of 10,000 pounds; any vehicle designed to transport 15 or more people and any vehicle required by federal law to be placarded while transporting hazardous materials.



# CCFB Women's Committee participates in *Playing It Safe*

*Playing It Safe* is a free annual safety fair featuring exhibits that focus on safety awareness for the entire family.



Former PrimeTimer Chairman Ken Roellig (left) and former CCFB Manager Bob Wendt (right) reflect on their memories with Deidra (center).



Brad and Bailey teaching students at Mahomet Seymour High School about driving around farm equipment and driving in rural areas.

The Young Ag Leaders hosted a May mini golf social and raised \$40 for Harvest for All.