





# August Report

President, Mike Briggs



Fall is quickly approaching and I think everyone is ready for it to get here. There have been some rains across parts of the county while other parts remain dry. I don't see yields anywhere near last year but think we could still see decent yields in some parts of the country.

We had some really good meetings during August with the toolshed and safety meetings. August also brought the Half Century show to Rantoul and the Farm Progress Show to Decatur. Thank you to those members who were able to make it out to our meetings and I hope you were able to enjoy one of the shows.

As we start harvest please stay safe.

Sincerely,  
Mike Briggs

Join the Prime Timers!  
September 12 starting at 10 a.m.

Speaker - Angela Reinhart -  
Brookdale Senior Living  
Topic - Seniors Being Scammed  
Entertainment - Teresa Harris  
& Friends



Meetings are held on the second Thursday of each month  
Lunch cost - \$8  
Call 352-5235 ahead of each meeting to reserve your spot  
MARK YOUR CALENDAR FOR FUTURE MEETINGS  
October 10  
November 14

## Women's Committee Sewing News

Members from the Women's Committee who enjoy sewing and friendship, periodically meet to sew for organizations within our community. We have distributed items of use to various nursing homes throughout the county, such as chest protectors for mealtime use, foley bag covers, and wheelchair and walker bags. In each case, the nursing homes are pleased to accept our contributions. We have also donated baby burp rags to Crisis Nursery and the Pregnancy Resource Center/Merci's refuge. We have most recently made heart motif pillowcases to be distributed to cardiac patients in our local hospitals on Valentines Day. We are now going to launch into making stuffed toys for pediatric patients.

With a limited budget, we have scoured our own fabric stashes, and now find ourselves wanting more fabric for our projects. If anyone reading this newsletter, finds themselves with unused fabric in bins or drawers that you don't really need or want, we can put it to good use. We will accept donations of both fabric and polyfill for the stuffed toys, and we certainly won't reject contributions, brand new, from the fabric store as well.

If you enjoy sewing, and wish to join us, our next sewing date is 9-16 at 9:30AM at the Farm Bureau Auditorium. We can use cutters and ironers, in addition to sewing machine operators. Bring your own scissors etc. and your machine if you plan to sew. We order lunch in but ask anyone attending to bring their own beverage and snacks for sharing.

## WOMEN'S COMMITTEE

The Champaign County Farm Bureau  
Women's Committee is open to all women  
interested in agriculture.

### SCHEDULE OF EVENTS

September 7 - Outreach Event

Curtis Orchard 10a.m. - 2 p.m.

September 9 - Regular Meeting

Champaign County Farm Bureau 9:30 a.m.

September 16 - Sewing Day

Farm Bureau Auditorium 9:30 a.m.

October- No regular meeting

## Young Ag Leaders

Upcoming business meeting

September 5th

Champaign County Farm Bureau building

Meeting starting at 6:30pm

Check out Facebook Champaign County Farm  
Bureau Young Ag Leaders for more information

## CCFB Calendar of Events September 2019

September 5th	Young Ag Leaders	6:30 p.m.
September 7th	Women's Committee	10 a.m. to 2 p.m.
	@ Curtis Orchard	
September 9th	Women's Committee	9:30 a.m.
September 12th	Prime Timers	10:00 a.m.
September 12th	Marketing Committee	6:30 p.m.
September 13th	Hemp: An Agricultural Commodity Meeting	7:30 a.m.
September 17th	Governmental Affairs Committee	7:30 a.m.
September 19th	Board of Directors	6:30 p.m.
September 24 and 25th	Defensive Driving	

## OCTOBER

October 10	Prime Timers	10:00 a.m.
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Most committees do not meet in October due to harvest.

## Defensive Driving Course



September 24 & 25, 2019  
at

## Champaign County Farm Bureau

Register NOW by calling  
217-352-5235

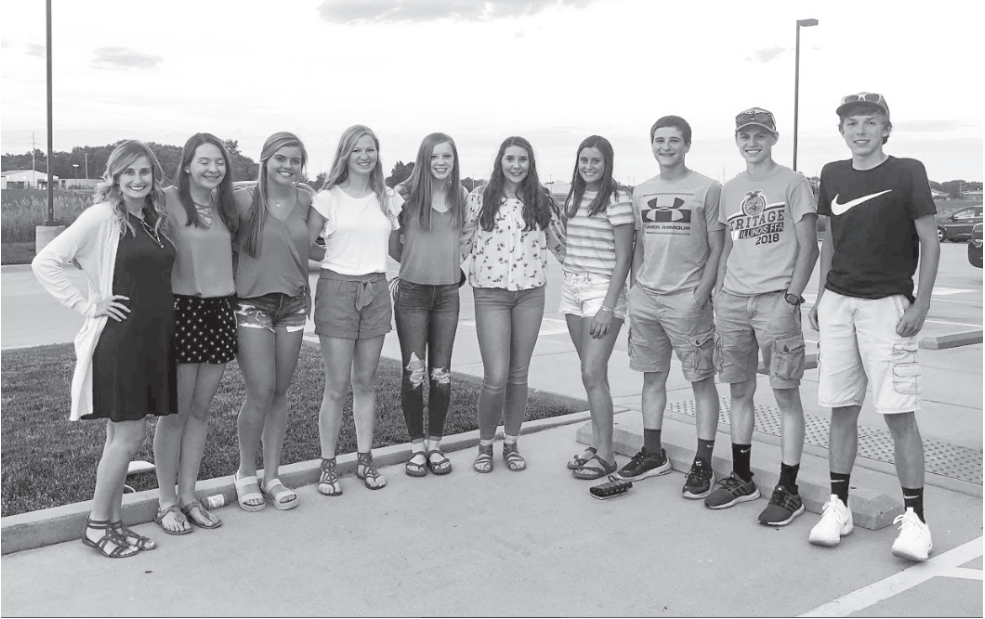


# Heritage FFA's Future is Bright

Our Heritage chapter is going to be a strong one this year. Throughout the summer our bright new officers have taken steps to improve their knowledge of the association to benefit our students as well as the community around us. We started June 11-13 with State Convention. There we heard many speakers talk and they emphasized the idea of “elevating your team and experience.” Throughout those three days we worked as a team to build a family, listened to different proficiency award winners that would help us out in the coming year. We also planned the activities which we wanted to have this school year. In this time we also had fun outside of the convention. Our Heritage family

sure did get down and showed everyone a good time by line-dancing at the dance. We even ate like royalty by going to Texas Roadhouse and topped it off with some cookie dough for dessert! Fast forward to FFA Leadership Camp where four of our fellow officers went to Allerton Park for a couple days to enjoy learning and having fun with a lot of other people from a lot of other chapters. During the camp we had a lot of fun with Ag Olympics (tug of war, beach volleyball, and water kickball), the obstacle course in the woods, and last but not least the awesome talent show where we saw FFA members really have some amazing talents. The activities we participated in made us use traits like

*By: Malani Smithenry, Chapter Reporter*  
trust, teamwork, and leadership that we will bring back to our chapter. Throughout this summer we grew as a family and we are all excited to start this school year and try to build our family even larger. The officer team has many events that they planned at State Convention that they are excited to get the community involved in. A couple things we are looking forward to like the Farm Progress Show and helping out and being in the Broadlands Festival. I hope to see more people join our FFA Chapter and team to show the support and have the opportunity to participate in life changing experiences.



Do you or someone you know own a business? Are you looking to reach a new customer base?

**CCFB is 10,500 members strong!**

**OPPORTUNITY IS KNOCKING**

LET'S TALK!  
ASK FOR MAGGI  
[WWW.CCFARMBUREAU.COM](http://WWW.CCFARMBUREAU.COM)  
217-352-5235

CCFB is looking for local businesses interested in providing CCFB Members with discounts or special benefits.

Your business will be listed on our website, featured in our monthly newsletter, and highlighted on our social media outlets.



**Safety Tips continued from Page 1**

- Use qualified electricians for work on drying equipment and other farm electrical systems.
- Check ground rods and wires around buildings and power poles. Rods and wires can become damaged and broken. If damaged, the overall system will not provide adequate grounding protection.

## National Farm Safety & Health Week

Check back each day for more information on these topics:

- Monday: Tractor Safety & Rural Roadway Safety
- Tuesday: Farmer Health & Opioid/Suicide Prevention
- Wednesday: Safety & Health for Youth in Agriculture
- Thursday: Confined Spaces in Agriculture
- Friday: Safety & Health for Women in Agriculture



Feeding our Future.  
Fueling our Industry.

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## MRS. KAPER'S CLASSROOM

Sept

2019



## CHAMPAIGN COUNTY AG IN THE CLASSROOM

### BACK TO SCHOOL

WELCOME BACK! It is a new year and a new beginning. My name is Sarah Kaper, and I am the Ag in the Classroom Director at the Champaign County Farm Bureau Foundation. I am a former classroom teacher who is now taking my classroom "to the fields". That means I bring the best ag lessons to YOU! Best of all, they are FREE. I invite you to explore ways that agriculture can find a place in your classroom whether it is in ELA, math, science or social studies. Contact me for more information on:

- Scheduling me for a 30-minute lesson in your classroom
- Receiving resources for lessons
- Connecting to the ag industry



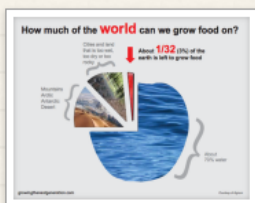
Clip and  
send to a  
teacher!

### SEPTEMBER LESSONS



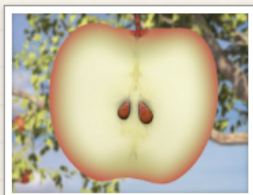
#### ARCTIC APPLE AND GMO'S

Have you left an apple out on the counter or in your lunchbox for just a little too long? What happens? The Arctic Apple brand is tackling food waste by producing apples that do not brown when bitten, sliced or bruised. Learn about this process and try a little taste for yourself!



#### A SLICE OF SOIL

Soil is one of our most important natural resources on the earth's surface. Many living things depend on it for food. People do, too. Not all soil is good enough for plants to grow. Complete this activity to learn just how little soil we have to grow food.



#### THE LIFECYCLE OF AN APPLE

<https://youtu.be/eBzTCbGnIWQ>  
Students will gain an understanding of the importance of trees to our environment. They will learn the lifecycle of an apple tree: from seed to fruit!

### SCHEDULING A CLASSROOM VISIT

There are several ways that you can schedule a classroom visit:

1. Call my office or email me your name and school, 2 or 3 options for date and time of visit, and lesson choice.
2. Check my availability through Calendly and fill in the required information for the date and time that you would like a lesson. I will make sure it works logistically for me and get back to you with a confirmation.
3. If you are scheduling a large group presentation or a presentation with lessons in several classrooms in the building, email me so that I can block out a day to be at your school.

**Sarah Kaper**

Director - Ag in the Classroom

217-352-5235 - [sarah@ccfarmbureau.com](mailto:sarah@ccfarmbureau.com)



## FOR THE 12th ANNUAL HARVEST GALA

Friday  
NOVEMBER 8 2019

Pear Tree Estate | 2150 CR 1000 E  
Champaign, IL 61822

5:30pm Silent Auction & Cocktails

7:00pm Dinner by L.A. Gourmet

7:30pm Live Auction

Tickets On Sale September 1st  
\$75 each

Don't get put on the "wait list" ....BUY YOUR TICKETS EARLY!

\$800 - Reserved Table for 10

Available until October 15th or until sold out, whichever is first.

### WAYS TO PURCHASE

ONLINE: [www.CCFBFoundation.com](http://www.CCFBFoundation.com)

CREDIT CARD BY PHONE: 217-352-5235

#### MAIL

801 N. Country Fair Drive - Ste. A - Champaign 61821

Please include guest names, emails, cell phone numbers.

#### For More Information

Kirk Builta

Executive Director  
217-352-5235

[kirk@ccfarmbureau.com](mailto:kirk@ccfarmbureau.com)

Shanna Hortin

Development & Fundraising Coordinator  
217-649-6553

[shanna@ccfarmbureau.com](mailto:shanna@ccfarmbureau.com)





MARK THORNSBROUGH,  
GENERAL MANAGER

# From The Field

by Dr. Howard Brown

*“The illiterate of the 21st Century will not be those that cannot read or write, but those that cannot learn, unlearn and relearn.”* History is peppered with many examples of unlearning and relearning. *The world is flat. Transporting sound over a wire will never work. Pulling nitrogen out the atmosphere to make nitrogen fertilizer cannot be done. Weeds will never be resistant to glyphosate.* These and many, many more common beliefs throughout history provided an opportunity to rethink what we know. We are in an era where it will be necessary embrace new ways of approaching old questions and be prepared to unlearn and relearn. Technology has propelled agriculture to an exciting future but much of it has yet to be explored and defined. Consider it a territory rather than a state, opportunity filled, unexplored, and sometimes risky. Partnerships with other professionals, such as your Illini FS Crop Specialist, are essential. Good agronomy remains the foundation upon which their agronomic advice and product recommendations are made. Here are some of topics at Illini FS that have entered the unlearn and relearn process.

The illiterate of the 21st Century will not be those that cannot read or write, but those that cannot learn unlearn and relearn.

Alvin Toffler

**Using soil tests to make nutrient recommendations.** Soil tests provide an estimate of phosphorus and potassium concentrations considered available for plant uptake. The tests are not designed to determine the total soil nutrient concentration, but only a small amount that research suggests is available for root uptake. The test does not flex or change to specific environments. Dry soils tend to alter the outcome. Small differences in sampling depth can significant change the concentration detected. A shift of only a few feet can result in a significantly different test outcome. Even with all the limitations, soil testing will always be a part of nutrient recommendations. However, soil tests will likely be used primarily to watch trends of soil nutrient availability rather than provide the basis for the recommendation.

**Plant nutrient removal is not restricted to a depth of 7 inches.** The standard sampling depth was established many decades ago when the moldboard plow was commonly used (acre-furrow slice). Corn roots were commonly found at a shallow depth, whether determined by genetics of the time or the result of insect feeding (corn rootworms). Today, hybrid root systems explore the upper two feet of the soil profile with little challenge from root-feeding insects (transgenic pest resistance). The introduction of transgenic rootworm resistance in the late 90s brought with it a more robust root system providing better drought tolerance and nitrogen utilization. Nutrient concentrations found in the upper 2 feet are likely to be more correlated to harvest yield than the traditional 7-inch depth. Data from over 400 N-TRACKER Plus site the past two years is helping explore the significance of sampling depth. The relationship between the different sampling depths (0-7 inches, 0-1 ft. and 1-2 ft.) is helping us determine how to best collect samples with a goal of improving utilization of what is applied.

**Nutrients applied rarely are related to nutrients removed.** While it is quite common to see yield monitors bounce well above 300 bushels/acre, while other areas may dip well below 150 bushels/acre. Environments within a field that are high-yielding may be depleted of nutrients needed to maintain high yields while other areas, challenged by non-nutrient crop-limiting factors, accumulate unused nutrients. It is time to rethink how nutrient should be applied to optimize farm profitability and possibly minimize loss of nutrients remaining after harvest.

**Use harvest yield as the basis for making variable nutrient applications.** Basing nutrient applications upon what is removed makes both economic and environmental sense. If nutrients are applied but not utilized, the investment becomes an unnecessary input cost or an environmental risk, with nutrients to undesired places by moving with surface runoff or through sub-surface field tile. Estimates of grain nutrient removal of phosphorus and potassium have recently been updated by the University

of Illinois (Table 1). The new removal rates are based upon the 75% percentile and are reported in P2O5 and K2O. The original removal rates are identified as “Book Value”. Some area farmers have already made the switch to harvest yield-based nutrient recommendations. The trend is expected to grow in 2020.

**A data depository will be a necessary part of every farming operation.** Basing input decision-making upon site-specific harvest yield will require an easy-to-access and use data collection hub, whether it be for storage of planting information, input applications or harvest yield. The platform will also need to provide easy-to-use analytic tools that allow for a simultaneous evaluation of several data layers. Climate FIELDVIEW Plus is such a platform. FIELDVIEW Plus is a tool that makes it easier to evaluate the economic impact new products and/or farming practices. Illini FS crop specialists are utilizing this technology tool to identify and tract new product treatments. We are anxious to see just how easy it is after harvest to evaluate the data collected and help customers make management decisions. Contact your local Illini FS Crop Specialist to sign-up for a FIELDVIEW Plus subscription for 2020 or to learn more about the data management tool.

**It is time to reinvent our nutrient recommendation system.** Many nutrient recommendations are based upon the Build-up and Removal Recommendation System. Consideration is given to current soil test levels and yield of the next crop. Moving to a harvest yield-based nutrient recommendation approach places a focus on an estimate of what was removed at harvest not what may be removed by the next crop. Making an application based on grain removal, provides a higher probability that nutrients applied will maintain productivity. Revenue generated by the harvested crop can be used to pay for the nutrients it removed. This approach will provide a nutrient application ahead of each crop. Some area farmers have already adopted such a system. Visit with your local Illini FS Crop Specialist to learn more about how the system is working or to visit about making the change.

**Yield data will be an important metric and needs to be collected over several cropping years.** Currently, harvest yield is the primary (only) measure of an economic response to changes resulting from inputs applied or practices adopted. Many analytic tools that help make management decisions will be based upon historic, site-specific yield information. Areas of the field will be classified by harvest yield and grouped into management zones. Zones will not always be easy to define. It will take several years of trusted harvest data to learn where the zone lines should be drawn. Identified zones may also change as new data is added and old data removed (dynamic average). In an effort to help improve the value of yield data collected, Illini FS will focus on FIELDVIEW Plus subscribers calibrate their yield monitors this fall. Visit with your local FS Crop Specialist for more information or add your name to the list of FIELDVIEW Plus users that would like help with monitor calibration.

**There is more than pH, P and K when it comes to nutrient management.** N-TRACKER Plus has allowed us to track more than just plant-available nitrogen in the upper soil profile. It has allowed a window into the upper soil profile to also track the dynamics of essential nutrients, such as sulfur and boron, nutrients that can also move with soil water. What is the relationship of all this nutrient tracking to harvest yield? The economic benefit of tracking nutrients is still a work in progress, but progress has been made. Want to be a part of the learning process and register an N-TRACKER Plus Site for 2020? Visit with your local Illini FS Crop Specialist or go online at [www.n-tracker.com](http://www.n-tracker.com) and register.

**Use technology to minimize sampling errors and provide additional soil sampling options.** Illini FS will be working with an automated sampling system that will collect soil to a precise depth using a high-speed auger, collecting samples with a pneumatic collection system and utilizing GPS to find specific field locations to sample. All of this will be done by a unit while traveling through the field autonomously (robotic). The concept of automated sample collection claims the benefit of uniform sampling depth and increased precision in sample collection. Visit with your local Illini FS Crop Specialists for more information about our next-level soil sampling approach and how you can participate in our limited autonomous sampler program.

It is time to review *what we know and what we think we know* about nutrient management based upon current facts, beliefs and experiences. It is time to launch into a new era where we remain anchored to good science, but utilize new ideas, concepts and technologies to address the many questions that surface when attempting to manage environments within fields. It is time for us to learn, unlearn and relearn as we move into the next decade of the 21st Century. It is time to give your local Illini FS Crop Specialist a call and visit about what we have learned and consider a new approach to nutrient management.

Nutrient	Average	Distribution, percentile			Book value
		25%	50%	75%	
-----lb P/K (oxide) per bushel-----					
Corn P	0.34	0.31	0.34	0.37	0.43
Corn K	0.23	0.22	0.23	0.24	0.28
Soybean P	0.71	0.66	0.71	0.75	0.85
Soybean K	1.11	1.06	1.12	1.17	1.30

Table 1. New Grain Phosphorus and Potassium Numbers. Emerson Nafziger. September 7, 2017. <http://bulletin.ipm.illinois.edu/?p=3967>





**Nathan Hubbard**  
COUNTRY Financial  
Agency Manager



**Rhonda Wagner**  
Administrative Assistant  
Champaign Agency



**Dan Punkay**  
328-0023



**Travis Heath**  
352-4555



**Keith Garrett**  
485-3010



**Jessie DeHaan**  
352-3466



**Stan Ochs**  
352-3296



**Terry Hill**  
469-9800



**Jim Nelson**  
892-4479



**Aaron Wheeler**  
586-6170



**Tristan Loos**  
352-0012



**Scott Jackson**  
359-9335



**David Gray**  
305-6051



**Dawn Babb**  
892-4479



**Andrew Deedrich**  
359-3941



**Steve Derry**  
352-2655

# You can't control the weather. But you can plan for it.

*by Valerie Hawkins*



**Bret Kroencke**  
359-9391



**Chuck Rippy**  
586-5030



**Chris Greenwold**  
355-8675



**Dan Duitsman**  
469-2033



**John May**  
352-3341



**Austin Beaty**  
352-0012

## 12 ways to prepare your farm for bad weather

Severe weather like tornados, flooding, droughts and wildfires can all take a toll on your farming operation. So, before bad weather hits, make sure you take these simple steps to prepare.

### Take inventory

1. Know exactly what's on your farm and where it's located. Pro tip: Photos are a great way to inventory your belongings!
2. Mark animals so they can easily be returned if lost.
3. Move animals, feed, pesticides and equipment to higher ground in case of flooding.
4. Stock up on extra farm supplies like fresh water and livestock feed.

### Prepare employees

5. Review emergency escape routes for each building. Keep in mind your emergency plan might differ depending on the event (tornado, flood, fire, etc.)
6. Document procedures to account for all employees.
7. Create an emergency contact list for owners, employees, family members, and suppliers.
8. Assign different roles and responsibilities to each employee, like who is responsible for taking care of livestock, moving equipment, or calling emergency contacts.

### Check equipment

9. Make sure generators are in working order.
10. Turn off propane supply at tanks and close any open chemical containers.

### Check insurance protection

11. Meet with your insurance rep to ensure everything you own is properly protected.
12. Discuss process for filing a claim if disaster strikes.

You may not be able to stop bad weather from striking, but these 12 simple steps can help you feel more prepared.







# CCFB Members in Action



2019 Tax Season: Are you ready? Our experts shared advice with CCFB Members. Thanks to our partners from Illinois FBFM, Bartell Powell LLP and COUNTRY Financial.



CCFB hosted the Young Ag Leader Discussion Meet for District 11 and District 12. The winners of the discussion meet will compete at the Illinois Farm Bureau Annual Meeting in December 2019.



Safety meetings took place August 20, 21, and 22. CCFB members heard a great safety message and enjoyed lunch!

## WOMEN'S COMMITTEE RECIPE OF THE MONTH

### Pineapple Overnight Salad - Marilyn Whalen

The September Recipe of the Month was handed down to us by Marilyn Whalen. Marilyn was happy to share this recipe with CCFB members saying, "This one is my favorite from my childhood visiting my Grandma. Grandma would make her Overnight Salad, which I renamed Pineapple Overnight Salad. It was definitely better after sitting in the frig overnight, but so hard to resist til then. She'd bake a tall angel food cake and spoon up this salad to go along; it was such a yummy treat. This would always be taken to family reunions, as everyone requested she bring it along. It's just as good without the cake though, and there's always a request for more when the bowl is empty!"

#### Pineapple Overnight Salad

- 1 20oz. can *crushed pineapple in juice (drain and keep juice)*
- 2 cups miniature marshmallows
- 1 6oz. can *pineapple juice (I like to add this extra juice for that extra pineapple taste)*
- 1/2 pint whipping cream (whipped) -- you must use real whipping cream, Cool Whip just isn't the same
- 2 c. miniature marshmallows

Drain juice from pineapple. Into saucepan put 1/2 c. sugar, **4 T. cornstarch**, pinch of salt, one beaten egg and pineapple juice (both canned and from fruit). Cook until thickened and cool. Add the whipped cream to the cooled dressing and mix well. Put over the pineapple and add the marshmallows. Stir to mix well and then refrigerate.

I like to double this recipe, it's so good, it disappears so quickly -- and it's good to have the extra. Excellent served with unfrosted angel food cake or pound cake.

*\*A few changes have been made to the original recipe. The changes are in italics\**



The recipe comes from my Grandma's recipe box that I cherish and go to often for more delicious recipes she shared with the family. – Marilyn Whalen

