

TheLife

Fall 2019

by NuTech Seed®

The HARVEST ISSUE

- › *Early harvest results*
- › *Notes from the field*
- › *Harvest photos*

GUEST COLUMN

Uptown Girl

*Blogger and farm wife/
mom Kate Lambert
redefines success*

WHAT'S HAPPENING IN THE COMBINE?

Combine Confessions

*Keep your eyes on those
yield monitors*

HEARTY FARE

Fantastic FALL RECIPES!

*Easy dishes for busy
harvest days*



2020 GETAWAY PREVIEW

GET READY FOR PANAMA!

NuTech
Seed®



Conquer Weeds

You have an ally in Sonic[®] soybean herbicide. When applied preemergence, Sonic is proven to defeat yield-robbars such as waterhemp, marestail and giant ragweed. With long-lasting residual control, it keeps fighting to defend your field from invaders. Visit BattleWeeds.com to learn more.



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TO OUR READERS

It's the most wonderful time of the year

The fields have made their change from deep green to golden brown. You finally get to see how all your work has added up. And if you can take a break here and there (we hope you can), there's some pretty great football and post-season baseball on TV. Like many of you, I count fall as my favorite time of year. It's a chance to reflect—on the lessons you've learned, the hard work you've put in—and close the chapter on another season.

For many of you, we know 2019 was a challenge to say the least, but whatever the frustrations have been, I hope you can take a moment to appreciate what made your year on the farm special. Celebrate the success of every acre that made it to harvest—you earned every bushel. Think back on those days in the field, when you moved past your setbacks to get the job done. Maybe it was finally getting your planter out after too many rain delays, or maybe it's right now—long, but satisfying days in the combine. And, always, reflect on family. I've always felt the definition of family expands a little bit during harvest time—the long hours bring the whole crew together and by the end, we're all brothers and sisters. Every one of those moments builds memories and stories. That's part of why we all love what we do, and it's

this passion that makes even the tough seasons tolerable.

As your seed professionals, everyone on the NuTech team embraces our responsibility for your farm. You'll see us around a little more this time of year, helping to make your long days easier, and checking in on how your results are shaping up. It's a chance for us to reflect, too—and learn how to keep doing better for you and your fields.

When you see us, share your memories, stories and reflections of the season. We'd love to hear how you're living the NuTech Lifestyle.

And besides talking about the Lifestyle, we hope you're enjoying reading about it, too. We got a great response to our first issue, and we're excited to share stories in this issue that celebrate just how special fall is when you're on the farm.

Enjoy your season and best wishes for a bountiful harvest,



Brad Damery
Brad Damery
 General Manager



WHAT ARE WE TALKING ABOUT?

Feeling thankful

Thanksgiving is just around the corner and we're feeling reflective. As the harvests come in, it's a good time to think back on the year. For many of you, we know it was a tough one. But there's still plenty to be grateful for: moments spent with your family, laughs shared with friends, days spent working at something you love and a chance to give it all another go next year.



Check out our Spotify Playlist: NuTech Seed Harvest '19

We're rocking out to our Spotify playlist and hope you are, too. These are songs collected by growers throughout the Central Corn Belt for you to enjoy during those long hours in the combine, grain cart or truck! Tell us what your favorites are on the playlist. (We know you're belting out "Sweet Caroline" in your cab!)

Follow NuTech Seed[®]



The HARVEST ISSUE

FALL 2019

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EARLY HARVEST RESULTS

It was a tough start to the season for many of you, but 2019 harvest is shaping up. Many growers are pleased with what they're bringing in so far.



12



GET READY FOR PANAMA

Check out what we have planned for our next Getaway, which promises to be equal parts fascinating and fun.

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FIELD NOTES

We talk with NuTech Sales Agronomy Lead Brad Johnson and farmer Jeff Boston about the first commercial growing season of Enlist E3™ soybeans.

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GUEST COLUMN: UPTOWN GIRL

Blogger Kate Lambert shares her perspective on the real meaning of success.

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Kids corner

The future of farming is here—and cute!

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Fall recipes

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The Life in pictures

The Behymer family gives us a snapshot of life on their farm.

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Gravel travels

Discover more hidden gems in NuTech country.

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Meet Mike Schaefer

Our sales manager shares how he got here and what he loves about working in ag.

What's happening at NuTech this season?



NEW FACES WELCOME OUR NEW DSM: RYAN MEISGEIER



Ryan Meisgeier

Ryan comes to NuTech with broad ag experience, but noted, "I have a real passion for the seed business." Ryan worked early in his career in corn breeding for Pioneer and said he finds working around corn and soybeans very rewarding. "It's almost an emotional connection for me," he said. Ryan grew up on a farm in Iowa, and still lives nearby, making it back whenever he can to help out. When he's not keeping busy with work or farming, Ryan, his wife, Stacey, and three kids (Lily, age 2; Emma, 5; and Birk, 8) are involved in youth sports and love attending Iowa State football games. Although he's new to the team, Ryan is already getting a feel for the

NuTech Lifestyle. "They're great people to work with, we have a great portfolio and a great message behind the portfolio," he said.

WELCOME OUR NEW DSM: RYAN GILBERT



Ryan Gilbert

Ryan, who is originally from Sterling, Illinois, joined the NuTech team this summer. Ryan got his start working on his best friend's grain operation through high school and college, before working as a retail agronomist. NuTech DSM Paul Hermes, whom Ryan has known for many years, convinced him to come aboard, and he already fits right in. "From sales support up to upper level management, everybody treats me like I've been here for years," Ryan said. "It's been really nice."

EARLY RESULTS ARE IN FOR ENLIST E3™ SOYBEANS

We're keeping an eye on early harvest results for the first season of Enlist E3™ soybeans. Many growers are reporting excellent yields, along with great weed control throughout the season. Read more about grower experiences with Enlist E3 soybeans on page 28.

PREPPING FOR PANAMA

Plans for our next NuTech Getaway—to beautiful, historic Panama—are in full swing. Check out our trip preview article on page 13. You can practically smell the ocean air and taste the sweet local pineapple!



HARVEST SUPPORT

THE NUTECH TEAM has been distributing combine kits throughout the Central Corn Belt. Harvest is the busiest time of year, and our hope is to make it a little easier.

Each kit contains a 3.5 gallon bucket that can be used as a trash can in the combine, a heavy-duty glass cleaner and microfiber cloth, first-aid kit, a stick em to hold your phone, tablet or anything else up on the window, antibacterial wipes and crayons and a coloring book to keep your little farmer entertained.

Contact your NuTech representative to claim your kit and schedule a drop off! Keep your focus on the big job ahead of you, and we'll help with the details.



MULDER
COMBINE



KARKOSH
COMBINE



LUELLEN
COMBINE

This little farmer is keeping busy with the combine kit's activity pages.



McDONALD
COMBINE

The McDonald family, Carthage, IL, about to put their combine kit to good use.

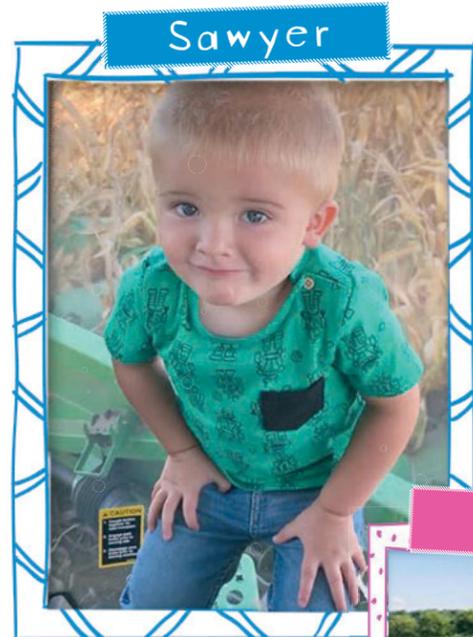


NOLAND
COMBINE

NuTech TSR Clint Gorden delivers a combine kit to customer Duane Noland—perfectly color-coordinated with his combine. (Yeah, we planned that.)

My future farmer

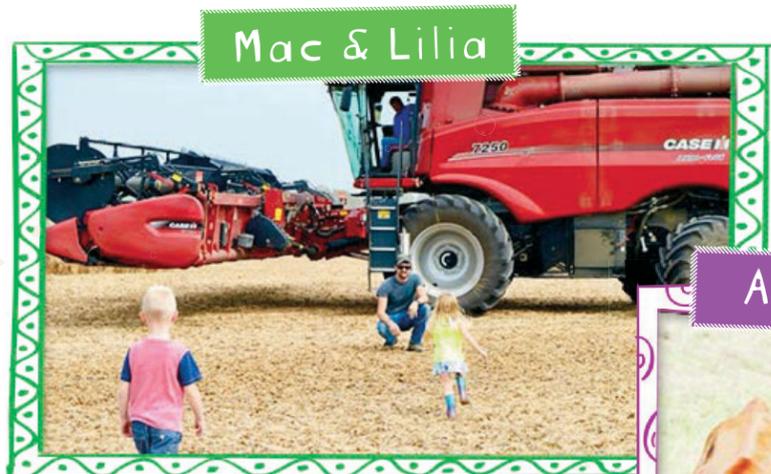
We asked readers to send us pics of their kids enjoying farm life, and maybe preparing to take over the family business someday. Judging by these submissions, we think the future of ag is in good (and adorable) hands!



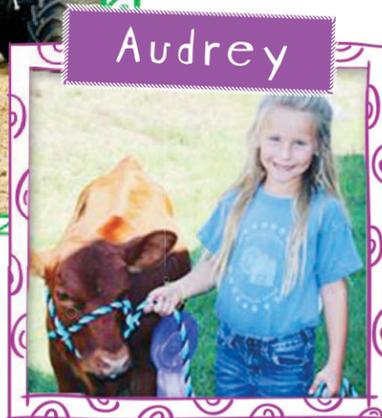
Sawyer, AKA "Bean," age 2, helps get his Papaw's tractor ready.



Ella is 6 and from Vandalia, IL. She loves helping Daddy plant corn and beans while playing Barbies in the tractor!



After Mac and Lilia greet their dad, Nick, they get to take a combine ride with Grandpa John!

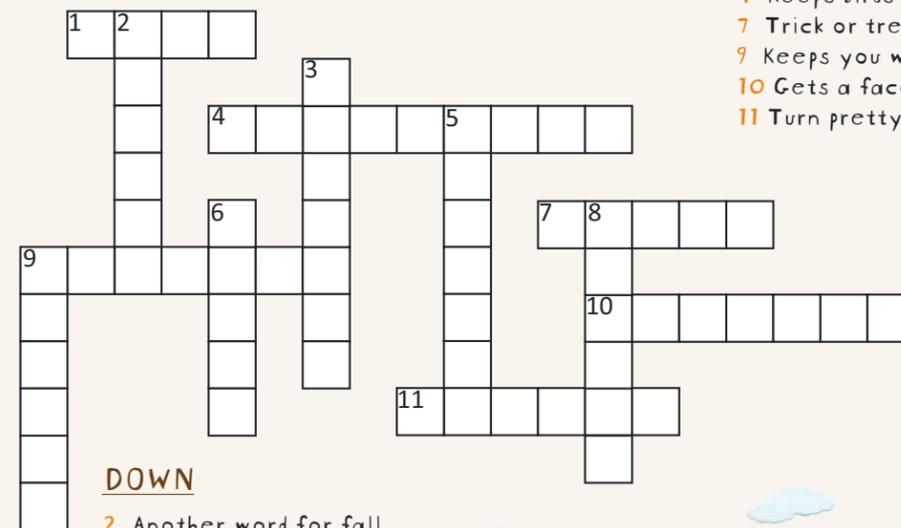


Audrey is 7 and loves all things farm. Her favorites are her cattle, horse and border collie, Fred.

Activity page

Fun puzzles, games and more—just for kids!

Fall on the farm



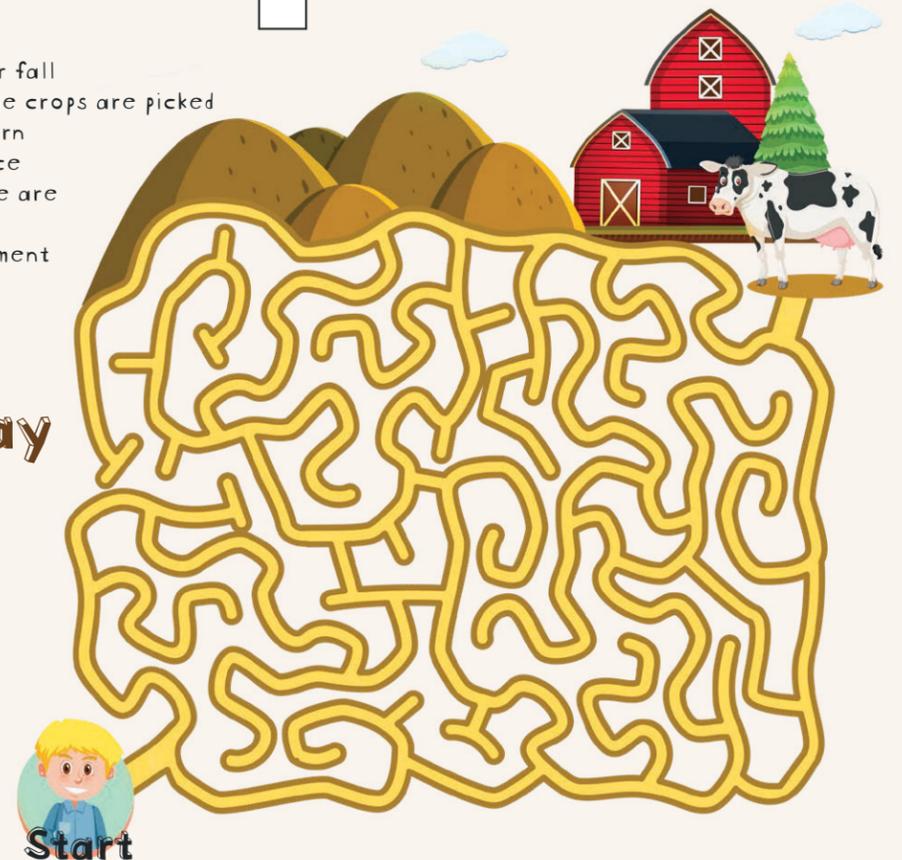
ACROSS

- 1 Tool for yard clean-up
- 4 Keeps birds out of the fields
- 7 Trick or treat loot
- 9 Keeps you warm on a cool fall night
- 10 Gets a face for Halloween
- 11 Turn pretty colors in fall

DOWN

- 2 Another word for fall
- 3 Time when all the crops are picked
- 5 Harvests the corn
- 6 Autumn apple juice
- 8 Sometimes these are Red Delicious
- 9 Unit of measurement for harvest

Find your way back to the barn!



Have you seen the corn today?

IF YOU ASKED THIS QUESTION TO TY MEYER IN MAY, YOU WOULD HAVE HEARD QUITE A STORY.

On May 1, my wife and I had twins. We got 6 inches of rain that day. I thought, "How in the world are we going to get all that work done?" When you see ponds and puddles and 6 inches of mud in your fields, you know it's at least 6 weeks until it's going to dry out.

It was a tough spring, but his two new little girls made for a nice distraction.

From about May 5 until about mid-June, I probably only got about three hours of sleep a night. It was a heck of a time.

Ty didn't finish planting until mid-July—about two months later than usual. On the day we spoke, Ty looked out on corn fields nearly ready for harvest, but still a touch green.

I'm optimistic, but I think we'll have a good harvest. We're just hoping for a longer fall.

Today, when you ask, "Have you seen the corn today?" Ty thinks of his family, creating a legacy for his girls and the big picture.

We're out here trying to feed the world. It's more than just an occupation. It's a nice thing to think about just corn flowing in the field.



TY MEYER FARMS IN LIBERTY, IL
AND IS THE OWNER OF TY MEYER SEEDS.



It's a question we ask each other every day at NuTech Seed®. We believe it's our privilege to wake up every morning and see the corn—and soybeans and more—and the people who grow them.

Watch for more "Have you seen the corn today?" stories in The Life magazine and on our social media all year long as we share our appreciation for the farms and farmers we serve.

NuTech
Seed

*Almost time to pack
your bags for...*



BY JIM REIFENRATH ASSISTANT GENERAL MANAGER



Panama!

W

e're putting the finishing touches on our NuTech Getaway to Panama. Each year I get the extremely tough task of vetting the various location options for these fabulous trips. I know, I know—the beach, the drinks, the food...but somebody's gotta do it!

Panama has actually been on our list for several years. We long thought our customers would enjoy not only the climate in Panama, but a chance to see one of the world's greatest engineering marvels, the Panama Canal, up-close and in-person. Our trusted travel coordinator, who has worked with us for many years now, told us to hold off—that the service and amenities in Panama might not be up to our usual standards. But now, the Panamanian tourism industry has really stepped up its game and we think you'll be very pleased with what we've got planned.





The Dreams Playa Bonita has been reserved exclusively for guests of NuTech Seed®. Every room has an ocean view.

» A hotel all to ourselves

We'll be staying at the Dreams Playa Bonita resort, which has been reserved exclusively for guests of NuTech Seed®. That means whenever you sit down for a meal, or grab a lounge chair by the pool, you'll have a chance to encounter someone with a passion for agriculture. For our repeat attendees, you're sure to run into your old friends, and we hope everyone will make some new acquaintances, too.

Our hotel is positioned in a bay overlooking the entrance to the Panama Canal's Miraflores locks, on the Pacific side. Every room has an ocean view, and day and night, you'll be able to see enormous ships lined up in the bay waiting for their turn at the locks. Depending on the size of the boat, the fee to travel through the Canal can be anywhere from several hundred thousand dollars up to a cool million, so they don't want to miss their scheduled spot in line! At night, the lights of the ships sparkle on the water for a really stunning sight.

Behind the hotel, you'll find lush jungle where you can spy some incredible wildlife like bright toucans or sleepy sloths. Our hotel is just a half-hour drive from the rainforest, and one of our excursion options will be a tour of this tropical paradise. The resort is all-inclusive, with plenty of choices for dining and refreshments. You won't need to leave, but we do encourage visitors to venture out on the town at least once during your stay.

» Choose your way to spend the day

Panama City is totally cosmopolitan, like a mini-Manhattan, bustling and filled with skyscrapers and high-end shopping. But don't miss Old Town, or Casco Viejo, which is very reminiscent of the French Quarter in New Orleans. The French were the first

to attempt building the Panama Canal (read more about the history of the canal below), and they left their architectural mark on this area. You'll find lots of charming restaurants, bars and shops. You may even want to visit more than once during your stay!

We've got plenty of other choices to keep you busy during your trip, too. Look for optional excursions to add-on, like golf, ziplining, horseback riding and more.



» Can't-miss events

We also have two very special events included for everyone on the trip. First, we always like to include something agriculture-related on these getaways, and this time we'll be learning about pineapple farming. We'll visit a 500-acre, family-owned farm where we'll

see how pineapples are planted (it has to be done by hand) and harvested. I was surprised to learn that pineapples take a full year to mature, so on this farm, there's a continual rotation with crops always being planted and harvested. This lets visitors get a feel for the whole process, no matter the season.

But the event we're probably most excited about is our nighttime reception at the Panama Canal Welcome Center. We've rented out the whole place for the evening. From inside the Center, we're only about 100 feet away from ships traveling through the locks, and nighttime is peak travel time through the Canal. Weather permitting, smaller groups of us will be able to go outside and get even closer—just a few feet



Panama Canal



Brenda Reifenrath at the pineapple farm

away—as the boats rise and fall 50 feet in the locks to cross the isthmus. It's truly a must-see and a reminder of the power of human ingenuity.

Of course, throughout the week, there will be plenty of fun events at the resort. Our GM Brad Damery always has something up his sleeve that everyone remembers (and can't stop laughing about).

While there will be many exciting things to do in Panama, the thing that always gives us the biggest thrill is just seeing our customers come together—swapping stories, meeting friends and making memories. It's what the NuTech Lifestyle is all about, and we can't wait to share it with you.

» See you in Panama!

▶ THE HISTORY OF THE PANAMA CANAL

THE PANAMA CANAL is considered one of the wonders of the modern world. It opened 105 years ago, linking the Atlantic and Pacific Oceans and providing a new route for international commerce, military and passenger transport.¹ But the Canal has a complicated history, from an idea more than 500 years ago, to the engineering model built at the turn of the 20th century, to its most recent improvements.²

The idea of a canal originated in 1513 when Spanish explorer Vasco Balboa discovered that the thin isthmus of land now known as Panama was all that separated the Atlantic and Pacific Oceans.² Then, in 1869, U.S. President Ulysses S. Grant ordered survey expeditions to Central America. The route of the current Panama Canal is nearly identical to the one proposed by Grant's Panama survey.⁵

Construction of the canal connecting the Pacific and Atlantic Oceans was begun by the French in 1881. Ferdinand de Lesseps, the same engineer who designed the Suez Canal, suffered financial problems, and his crew was plagued by yellow fever and malaria, which claimed the lives of more than 20,000 workers. In 1889, De Lesseps's company went bankrupt and construction was halted.^{2,3}

Around 1900, President William McKinley ordered a commission to study feasible water routes between the Atlantic and Pacific, including Nicaragua and Panama.⁵ Despite being a narrow point of passage, Panama's mountainous terrain posed construction problems.⁴ In addition, Panama was a territory of Colombia, and Colombia's congress found the canal's financial terms unacceptable. The U.S. supported Panama's fight for independence and the freedom to complete the canal. President Theodore Roosevelt sent U.S. warships to aid in the fight for Panamanian independence.⁵ In 1903, Panama gained independence from Colombia.²



Lowering the first bucket of concrete used in the construction of the canal locks, 1908. National Archives photo no. 185-G-1893.

In 1904, the U.S. Senate passed the Hay-Bunau-Varilla Treaty, which granted the U.S. the power to construct a canal in Panama and giving it control of the Canal Zone—10 miles wide and 51 miles long—in perpetuity in exchange for \$10 million plus \$250,000 per year starting in 1913. The U.S. began construction on the Panama Canal that same year.^{2,3}

In 1906, President Roosevelt traveled to Panama. It was the first time a sitting president ever left the continental United States while in office. His photo op—wearing a Panama hat while riding an earth mover—helped convince the Senate to fund canal construction.⁴

The Panama Canal was built by the U.S. Army Corps of Engineers⁶, who had to cut through 40 miles of the Continental Divide. A sea-level canal would have flooded, so the U.S. designed a lock canal—lower on one side than on the other with mountains in between. This engineering marvel was necessary to move ships and their tons of cargo above mountains and across the isthmus. Each of the canal's four locks contained more steel and more concrete—and required more labor—than it took to build the Empire State Building.²



A railroad bridge under construction in the canal zone, 1912. National Archives photo no. 185-G-628.

Construction took 10 years and \$345 million (over \$8 billion in today's dollars).⁴ In 1914, the Panama Canal opened under U.S. sovereignty, connecting the Atlantic and Pacific Oceans.²

Even though the U.S. had originally been granted control of the canal, in 1978, President Jimmy Carter signed the Treaty Concerning the Permanent Neutrality and Operation of the Panama Canal, which established joint control of the passage, including plans to transfer the Canal to Panama alone in 1999. The U.S. removed its last troops from the Panama military base in November 1999 and Panama assumed control on December 31.²

¹<https://www.pbs.org/newshour/world/panama-canal-helped-make-u-s-world-power> ²<https://www.csmonitor.com/1999/1213/p10s1.html> ³<https://cms.uflib.ufl.edu/pcm/timeline/expansion.aspx> ⁴<http://www.ushistory.org/us/44g.asp> ⁵<http://www.panacanal.com/eng/history/history/early.html> ⁶<http://armyengineer.com/history/panama/index.html>



LIFE IS DELICIOUS

Get cozy with these dishes, perfect for a cool fall day.



Pumpkin Bars

FOR CAKE:

- 4 eggs
- 1 3/4 cup sugar
- 1 cup canola oil
- 1 can (15 oz) pumpkin
- 2 cups flour
- 2 tsp ground cinnamon
- 2 tsp baking powder
- 1 tsp baking soda
- 1 tsp salt

FOR FROSTING:

- 1 pkg cream cheese
- 1/4 cup butter, softened
- 1 tsp vanilla
- 1 pkg (16 oz) powdered sugar



Preheat oven to 350°. Beat eggs, sugar, oil and pumpkin together. Combine flour, cinnamon, baking powder, baking soda & salt in a separate bowl. Gradually add flour mixture to pumpkin mixture. Beat until well mixed. Lightly coat jelly roll pan with cooking spray & pour mixture in. Bake for 25 minutes. While they are baking, beat frosting ingredients together in a small bowl until smooth. Cool completely before frosting.



Crockpot Italian Beef

Submitted by Malea Moser

- 3 lbs of rump roast
- 3 bay leaves
- 1 tbsp oregano
- 1 tbsp parsley flakes
- 1 tbsp garlic salt
- 1 tbsp salt
- 1 tsp pepper
- 1 jar pepperoncini peppers and juice
- 3 cups water

Cook on low for 12 hours, shred meat and put back into juice. Serve on toasted rolls with melted mozzarella cheese.

Apple Crunch

Submitted by Abbie Rinkenberger

- 4 cups apples, sliced
- 1 cup sugar
- 3 tbsps flour
- 1/4 tsp salt
- 1 cup brown sugar
- 1 cup quick oatmeal
- 1 1/2 cups flour
- 1/2 cup butter, margarine or shortening



Spread apples in 9 x 13-inch pan. Mix sugar, flour and salt together and sprinkle over apples. Mix together brown sugar, flour and oatmeal. Cut the butter or shortening into the flour mixture. Sprinkle over the apples. Bake at 375° for 45 minutes or until apples are thoroughly cooked.

Also delicious with rhubarb or cherries!

Baked Potato Soup

Submitted by Katie Allen



- 3 lbs potatoes (peeled & chopped)
- 1/2 sweet onion
- 1 clove garlic (minced)
- 4 cups chicken broth
- 1/2 cup half & half
- 2 cups shredded cheese
- Salt and pepper
- Chopped bacon (for topping)
- Green onion (for topping)

Sauté onion and garlic over medium heat. Add chicken broth. Add cheese until melted. Add cooked, slightly mashed potatoes. Stir in half & half and salt and pepper. Top with bacon, green onions and extra cheese, if desired.

NuTech Seed®

We're Hiring!

NuTech Seed® is currently hiring District Sales Managers.

Spend your days working with the best customers in the business and helping them live the NuTech Lifestyle.

This is the life. It could also be your career.

For more information and to submit your resume, visit:

NuTechSeed.com/career

Early HARVEST RESULTS

DESPITE A WILD AND WET SEASON for many of you, early harvest results are looking good. Check out these submissions from Central Corn Belt growers who reported the top performing NuTech products in their fields. We'll be working on our analysis of 2019 results and look forward to sharing more detailed performance data to help you plan your next season.

NUTECH CORN RESEARCH TOUR



Not ones to miss a day in the field, our own Scott Davis, Warehouse Supply Lead, and Brad Johnson, Lead Agronomist and Product Manager, stopped for a photo on a recent research tour. They were out looking for potential winners for 2021.

246.6 BU/A
236.9 BU/A

Portage Des Sioux, MO



Matt Neustadt's sign expresses what so many growers were thinking this year: "We survived the flood!" In Portage Des Sioux, MO, his average was 216 bu/A and noted winners were 78A1™ at 236.9 bu/A and 68B3™ at 246.6 bu/A.

270 BU/A
268 BU/A

Montezuma, IA



In Montezuma, IA, Jason Meyer brought in 6313AMXT™ at 270 bu/A and 71C1SSR™ at 268 bu/A.

73 BU/A

Maple Park, IL



In Maple Park, IL (DeKalb County), Liberty 25N02™ yielded 73 bu/A.

188 BU/A

Princeton, KY



68B3AML™ wins the Oldham Farms plot in Princeton, KY with 188 bu/A.

236 BU/A

Christian Co., IL



Clint Gorden got 236 bu/A from his 71C1CONV in Christian Co., IL.

262 BU/A

Grand Ridge, IL



Darren Walter, Grand Ridge, IL, was happy with his 5L-308AMXT™ at 262 bu/A— and his combine kit.

264 BU/A

Mt. Sterling, IL



68B3AML™ wins the Behymer Plot in Mt. Sterling, IL, at 264 bu/A. The plot averaged 240 bu/A. (Hey, these people look familiar! Read more about their farm on pages 22-27.)

59 BU/A
66 BU/A
Murphy, KY



Mike Dixon of Murphy, KY, compared the performance of two soybean technologies in his fields. His 39N03X™ Roundup Ready 2 Xtend™ variety yielded 59 bu/A and his 41N03E™ Enlist E3™ soybeans delivered 66 bu/A.

285.4 BU/A
268.4 BU/A
West Louisville, KY



Maple Mount Farms in West Louisville, KY, found success with 74J1™ at 268.4 bu/A and 78A1™ at 285.4 bu/A.

230.4 BU/A
Marion, KY



These Crittenden County FFA alums in Marion, KY, were pleased with the performance of 68B3VYHR™ at 230.4 bu/A.

59 BU/A
Grundy Co., IA



Mark Eilers in Grundy Co., Iowa, brought in 59 bu/A with his 20N03E™ Enlist E3™ soybeans.

273.9 BU/A
Lincoln, IA



Harry Wentzien from Lincoln, IA, is loving his 308AM™ at 273.9 bu/A!

220 BU/A
Rockport, MO



Tim Sutter of Rockport, MO, liked 5FB-8808AM™ at 220 bu/A.

71.7 BU/A
71.6 BU/A
Indianola, IN



On the Henry farm in Indianola, IN, they found winners with 33N03E™ at 71.7 bu/A and 30N02E™ at 71.6 bu/A.

2019 F.I.R.S.T. TRIAL TOP 10 FINISHES

ILLINOIS-NORTH

RANK	BRAND	YIELD	LOCATION	TEST
6	5L-504AMXT™*	220.1	ILNO – Tampico	Ultra Early
1	5FB-9909AM™*	232.8	ILNO – Tampico	Early
4	71C1PCR™	249	ILNO – Tampico	Full
4	64D1YHR™*	237.6	ILNO – Grand Ridge	Ultra Early
5	5L-504AMXT™*	230.3	ILNO – Grand Ridge	Ultra Early
1	69A6Q™*	265.9	ILNO – Grand Ridge	Early
5	66B6Q™*	256.8	ILNO – Grand Ridge	Early
6	5FB-8808AM™*	256.7	ILNO – Grand Ridge	Early
4	5FB-2213AM™*	271.3	ILNO – Grand Ridge	Full
7	5FB-6313AM™*	269.9	ILNO – Grand Ridge	Full
3	5FB-8808AM™*	266.2	ILNO – Sublette	Early
7	5FB-2213AM™*	277.8	ILNO – Sublette	Full

ILLINOIS-WEST CENTRAL

RANK	BRAND	YIELD	LOCATION	TEST
6	69A6Q™*	216.3	ILWC – Galva	Early
7	75G1AM™*	221.8	ILWC – Galva	Full
9	68B3VYHR™*	255.6	ILWC – Jacksonville	Early
10	5FB-9909AM™*	255.5	ILWC – Jacksonville	Early
7	75G1AM™*	251.4	ILWC – Jacksonville	Full
9	74J1AML™*	250.2	ILWC – Jacksonville	Full
8	5FB-9909AM™*	252.8	ILWC – Macomb	Early
3	5FB-9909AM™*	254.8	ILWC – Virden	Early

*G2® brand seed is distributed by NuTech Seed, LLC. ®G2 is a registered trademark of Pioneer. © 2019 Corteva.

The Life

in pictures

Ella is a farm girl through-and-through and loves caring for the animals on her family's farm. Join us as we visit with her whole family—parents Brad and Ashley and big brother Alex—and see how this family is all-in with the farming life.



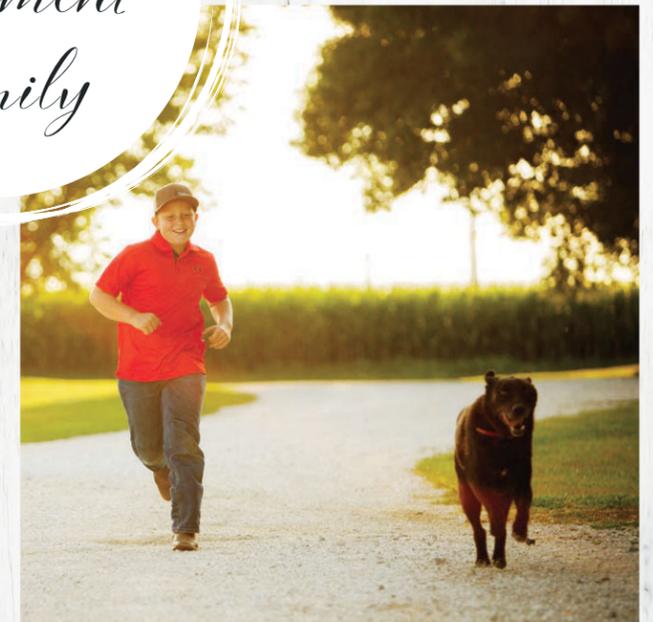
The Behymer family



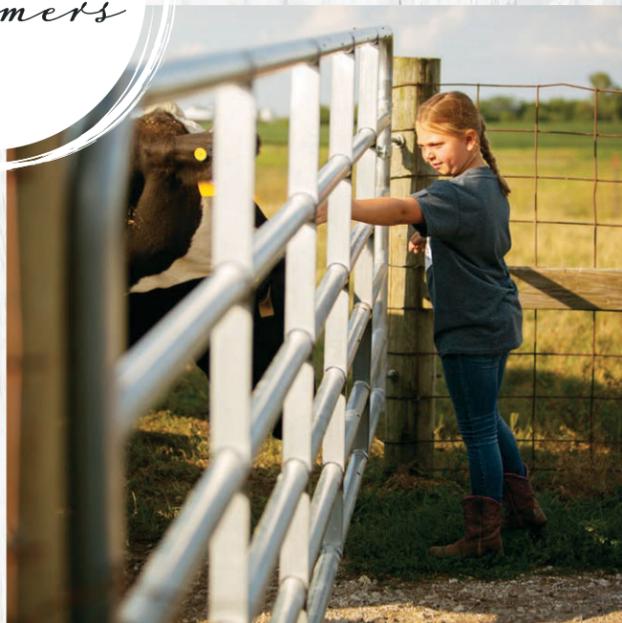
The Behymer family loves the farm life. Parents Brad and Ashley both come from farm families. Their two kids Alex and Ella, seem to be following in their footsteps and are active helpers around the family's fields.



Success
Enjoyment
Family



Alex gives chocolate lab Nala her daily workout with a run down the driveway.



The Behymers

Along with corn, soybeans and hay, the Behymers raise beef cattle. Ella and her brother raise show cattle, so she likes to keep an eye on the herd.



“The experiences they’re having here now will stay with them forever.”

Brad, who also works at the USDA, teaches the kids the finer points of checking on the corn fields. Brad inherited a love of ag from his late father. “I’d be thrilled if Ella and Alex grew up to farm, too. But whatever path they take, growing up on a farm is a great way to spend your childhood. The experiences they’re having here now will stay with them forever.”



Field Notes



We sat down with Brad Johnson, NuTech Lead Agronomist and Product Manager, to get his perspective on early results from the first commercial season for Enlist E3™ soybeans.



Q&A WITH BRAD JOHNSON

HOW HAS THE INTRODUCTION OF ENLIST E3™ SOYBEANS GONE THIS YEAR?

For the 2019 season, we had introductory quantities for sale, with limited varieties available for plots, so we were just dipping our feet in the water a little bit. The reception was enthusiastic and the feedback has exceeded our expectations. The weed control program is incredible. This was

a tough year. We dealt with a lot of adversity: weather, late planting and going weeks without getting into the field. The weed control was excellent. We took down marehail, giant ragweed, lambsquarters—you name it, Enlist took care of it. Enlist is the best technology I've seen in the market since Roundup Ready® technology took clean soybean fields to a whole other level. That's what the Enlist system is going to do for the American farmer.

HOW HAVE THE ENLIST™ HERBICIDES PERFORMED IN THE FIELD?

We've seen success with both Enlist Duo® and Enlist One®. No matter which Enlist herbicide you use, at the end of the day, that 2,4-D choline will deliver great results. You will see plants rolling over within hours, especially at high temperatures and humidity. With other products, you don't see effects for several days. With Enlist, the fields were clean. Nothing out there but the Enlist E3 soybeans. The Enlist herbicides have no effect on the soybeans. You can't even tell that they've been sprayed. All you see is dead weeds very, very fast.

I like the Enlist One tank mix with glufosinate—it was like "liquid lava" on weeds. The 2,4-D choline gets into the plant fast and trans-locates. Glufosinate is a contact killer, but it's also fast-acting and loves heat and humidity. The two together are very synergistic. It's amazing what that tank mix does to weeds in a 24-hour period.

WHAT EARLY YIELD RESULTS ARE YOU SEEING?

We don't have data yet, since we're awaiting harvest, but the soybeans look excellent in the field. A DSM in Missouri said our Enlist beans look as good as anything in the marketplace. Good standability, good eye appeal, no sign of diseases. There's a tremendous amount of excitement around them.

HAS THE ENLIST SYSTEM MET FARMERS' EXPECTATIONS?

It has exceeded everybody's expectations. I've had zero negative feedback on the soybeans or the system. The extra time it took to get Enlist to market gave us the opportunity to improve the genetics, widen the line and develop more product choices, so that when we got to market, we had a strong portfolio. With glyphosate, glufosinate and 2,4-D choline tolerance, you've got the best of all worlds in terms of tools to kill weeds.

WHAT ELSE DO FARMERS NEED TO KNOW ABOUT THE ENLIST SYSTEM?

I can't stress enough that it needs to be a program approach. If we don't take the weed resistance seriously, we'll end up in the same position that glyphosate is in today and have weed resistance. It's important to use residuals with the Enlist weed system. Use different modes of action out there to take the pressure off Enlist so it will be a viable long-term program for farmers for years to come.



A GROWER'S PERSPECTIVE

JEFF BOSTON, co-owner of JDB Farms in Richville, IA, just wrapped up his first year of planting Enlist E3™ soybeans. Boston farms with his brother on land that was previously farmed by his dad who is now 80. "Dad still works the ground for us in the spring, runs the auger in the fall and likes to be around and help."

Boston decided to plant Enlist E3 soybeans after seeing some glyphosate resistance in the area. "In fact," Boston said, "We don't use much Roundup

in this area anymore," noting that, for their farm, he and his brother had switched to a conventional chemical program. Waterhemp is a particular issue for them, so Boston was seeking another chemistry option.

He decided against using a dicamba system in part because of his farm's location and proximity to potentially susceptible areas. "Where we farm, we have several fields nearby and we're right next to a pretty good-sized metro area, so there are suburbs and people with plants. We were concerned with having it [dicamba] move. Either we were going to go all dicamba or no dicamba. Enlist is a lot easier to deal with."

Unlike many other growers this year, Boston did not have an issue with delayed planting. Boston explained he uses his own pre-emergent chemical program that he plans to stick with, and then he sprayed Enlist One in a tank-mix post-emergence.

"One thing we like about Enlist is it gives you a lot of flexibility," Boston said. If something happens and you don't get your pre-emergence on and you have to do a burndown pass, you

don't have to wait. With Roundup, you have to wait seven days after your burndown pass. You can do [burndown] the same day if you want to with Enlist and you don't have to worry about it."

Boston also found Enlist One easy to use. "I thought it was very easy to handle. We sprayed when it was fairly humid, didn't see any movement at all on it. I was very happy how it stayed where it's supposed to."

Boston noted that, "Emergence was great," and although he was just starting to combine the beans when he spoke, he was looking for a solid yield based on how the beans were looking. "I've been pretty happy with how the beans looked all year," he said.

Provided harvest performance is in-line with his expectations, Boston expects to plant Enlist E3 soybeans again next year and expects other growers around him will adopt the technology as well. "I think like anything, there will be a learning curve [with the Enlist system], but as a whole, I think the transition from Roundup beans to E3 will be fairly easy."

"I was very happy how it stayed where it's supposed to."

GRAVEL TRAVELS

Every farm town has something that makes it special. They're places often just down the road, but miles from what you'd expect. Follow us down some gravel roads and discover a few hidden gems you just have to see when you're out in NuTech country.



GO NUTS!

THE WORLD'S LARGEST PECAN 

Brunswick, MO
Submitted by Roger Ferguson

"The Chariton County River Farms area is known for very productive, rich soils and is also home to some of the state's largest pecan groves. Pecans have become a major cash crop for some growers, along with corn and soybeans. I pass by the world's largest pecan on my way to see TSR Mike Manson. Our two grandsons use this local landmark to designate when they are halfway to Mimi and Pa's house!"



JAMES FAMILY "WORLD'S LARGEST PECAN"

THE WORLD'S LARGEST PECAN WAS BUILT BY GEORGE AND ELIZABETH JAMES, IN 1982. IT WAS A TRIBUTE TO A LARGE, HARDY, NORTHERN PECAN THAT THEY FOUND ON THEIR FARM, JAMES PECAN FARM, INC. IN THE EARLY 1950'S. THIS PATENTED NUT, THE STARKING HARDY GIANT, HAS BEEN SOLD WORLD-WIDE. THE BIG PECAN'S HOME WAS AT "THE NUT HUT", THREE MILES EAST OF BRUNSWICK UNTIL 2013. THE JAMES CHILDREN, BETTY JAMES KNIGHT, SANDY JAMES NAYLOR AND BILL JAMES THEN DONATED IT TO THE CHARITON COUNTY COMMUNITY FOUNDATION, TO BE PLACED IN THE CITY OF BRUNSWICK. "THE PECAN CAPITOL OF MISSOURI." THE JAMES PECAN WILL CONTINUE TO SIGNIFY THE IMPORTANCE OF THE PECAN INDUSTRY TO CHARITON COUNTY, MISSOURI.

LOCAL FAVORITE



GET CRAZY

PSYCHO SILO SALOON 

Langley, IL
Submitted by Michele Olson, Olson Farms

"The Psycho Silo Saloon is located at the intersection of Route 6 and Route 40 in Langley, IL. It was an old grain elevator that's been turned into a summer weekend destination with live music."



The silo before it was turned into a weekend music venue.

There are a lot of old trucks and antiques on the property as well. They are only open during the summer from Friday-Sunday, serving food and drinks."



TELL US ABOUT YOUR GRAVEL TRAVELS, GET A FREE CANDLE

Share your favorite Gravel Travel destination with us and we'll send you a special gift: A free 8oz. candle from Antique Candle Co.*

Email submissions to info@nutechseed.com.

You could be featured in an upcoming issue of *The Life*.

*While supplies last. Must live and farm in the NuTech geography to qualify.

You could get a **FREE CANDLE!**

ANTIQUE CANDLE CO.
farmhouse soy candles



*longer lasting burn
made from natural soy
supports local soy farmers*

Combine confessions

HOW'S YOUR HARVEST GOING?

On these days when you see the cab of your combine more than your home, we hope you're having a little fun out there, too. A few weeks ago, we asked NuTech customers to share how things were yielding for them so far. If you've gotta stare at a yield monitor for hours on end, we hope it's at least giving you something to smile about!

308AM™ earns an A++. On just 9 acres—and a rough 9 acres—we got 240+/- bu/A. I've looked for years for a good-yielding 108-day hybrid and have thrown them all out. But I'd keep 308 around and I'm interested in looking at NuTech 8808 and 9909. If 308 is this good, I can't wait to try these other two.

Scott Brockelsby
on behalf of his customer,
Todd Megginson



Harvested 110 acres of NuTech 6313AMXT™ over the weekend and yielded 274.6 bu/A—highest field average in 59 years! Corn was standing great, and can't wait to get into the field of 2213AM™—it looks great, too.

Keith Niemeier
on behalf of his dad,
Eddie Niemeier



I like that NuTech is family-based. It's all about relationships and customer service and the product itself yields well. I am pleased with the 7215 corn. It was tall, but it stood well and yielded well considering all the stressors. It had great staygreen and was a very healthy plant all the way through the season. It looked good from the day it came up to the day we took it out.

Nick Buzan
Macon County, IL



"My DSM, Wayne and my salesman, Chuck get me the right products for the right field for the right price. They are very knowledgeable and easy to deal with and if I need any help they are always right there to help me. We went with all dicamba this year to help with the weed pressure and some fields we had to spray twice and we still had some issues with waterhemp. Next year we will go with the Enlist system and we will see if that will take control of our weed pressure."



Dave Dickhut
Fowler, IL



I'm just amazed at the yield we are getting considering what we went through this spring and the growing season this summer.

Vernon Kruger
ECI Farms - Holland, IA



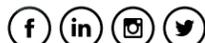
NuTech
Seed®

Going for 14 hours straight on too much coffee and not enough sleep.

**BUT YOU WOULDN'T
TRADE IT FOR THE WORLD.**

Happy harvesting.

Share your combine confessions with us on social media or send them to info@NuTechSeed.com.



A new definition of success

BY KATE LAMBERT

\$ 768 MILLION. That was the size of the Powerball jackpot earlier this year when we were preparing to enter one of the wettest springs we had experienced as a farm family. I remember my husband asking, “What would you do with that much money?”

My answer came fast and from the gut. “Land. And cows. Maybe a thoroughbred race horse. But definitely more dirt.” Normally, he would push back on the horse part, but apparently \$768 million is near the threshold where we could finally “waste” money on a horse.

After the words were out, I found myself surprised at my answer. I grew up in a “normal” family—you know, one that lives in town and parents work Monday–Friday at a job where the work actually stays at work. One of those jobs where you don’t work on evenings and weekends and Columbus Day.

For a long time, I was like a lot of Americans. I thought work was to earn money. Eventually, by working hard and saving money, you would have enough to be successful. And once you were successful, you would quit work and move on to enjoy all the things in life you’d worked so hard for.

So, back to that Powerball jackpot. \$768 million. In my pre-farm life, that would have fast-forwarded me through the work stage right to success and thus onto enjoyment. A “normal” answer to his question might have been, “I’d quit my job and travel the world. I would buy an island for all our friends and family to visit. And, obviously, a thoroughbred race horse.”

But that wasn’t my answer. Instead, my answer, which came so swiftly and from somewhere deep inside, was to use that huge sum of money to literally buy more work. Something had changed inside me—I’d lost my mind.

This farming world, a world measured in seasons and acres instead of weeks and months, had completely changed my definition of success. Success is no longer a box that I can check somewhere near retirement age. Suddenly, idleness doesn’t feel like success at all.

Some years, success is the ability to increase our work—higher yields, bigger margins, more dirt. Sometimes, like right now, success is hanging on to the work we already have. Surviving planting to get to harvest. Surviving harvest to get to planting.

Success in this lifestyle is not a beach and a drink with an empty to-do list. (Although we do appreciate those weeks a whole lot and would likely skip taking them if NuTech didn’t force us to the islands!) Success isn’t the culmination of work. It’s the continuation of it. From season to season, year to year, generation to generation. Success is the ability to get up and go to work again and again and again and ultimately, sustain that work so that our kids and grandkids can come back and work, too.

Maybe it’s because farm people have worked so long they don’t know any different. Maybe it’s

because farm people understand that human beings were created for work and are meant to continue it up until they physically cannot. Whatever the reason, farm people seem to understand that success and enjoyment are found within work, not at the completion of it. Farm kids seem to get this too—that’s why so many of them show up to work at age 5 and never leave.

They say farming is in people’s blood. I guess it must be contagious, because my answer to the lottery question, “Land and cows,” was a real farmer answer. Instead of opting for a life of oceans and sun and ease, I opted for the road last traveled. To be specific, the gravel road—where we own everything on both sides



Photo © Kate Lambert.

“Success isn’t the culmination of work. It’s the continuation of it.”



Photo © Kate Lambert.

as far as the eye can see and we are set for an eternity of being behind on planting, spraying, harvest and fence-building. And of course, taking the first weekend off in May to go watch my horse run for the roses.

“The Lord God took the man and put him in the Garden of Eden to work it and take care of it.”

– Genesis 2:15 (NIV)



Photo © Kate Lambert.

Kate is a farm wife, mom and blogger.
Find her Uptown Girl blog at:
uptownsheep.com/uptown-girl—a-working-farm-wifes-blog

TSR BRAD COX IS SMOKIN' THE COMPETITION



E

ver watch those competition shows on TV and think, “I bet I could do that.” For most of us, it’s just idle chatter, but for NuTech Territory Sales Representative Brad Cox, it turned into a serious hobby.

About ten years ago, Brad started getting interested in barbecue competitions while watching the TV show “BBQ Pitmasters,” where cooks square off for big prize money. The competitions looked like fun, so Brad, who along with farming and selling seed also owns a local hardware store, decided to host a town competition in front of Cox Hardware.

New to competitive barbecuing, Brad was taken off-guard when the judges told him his team would need a name. “I said, oh, we’re just a bunch of local yokels,” Brad recalled. The name stuck and the Local Yokels were named Reserve Grand Champion at their first contest. Brad was hooked.

Serious competitors

Brad and his family began traveling to barbecue competitions with a smoker in tow. The Local Yokels have now worked themselves up to the pro circuit for competitions. They recently competed at the Kansas City American Royal World Series of Barbecue®, where they were up against almost 500 teams. The Local Yokels finished 95th in one contest and 42nd in the invitational, among 140 teams. “We competed against folks from all over the world,” Brad said. He even beat out some of his barbecue idols—Tuffy Stone and Myron Mixon—the star judges from “BBQ Pitmasters.”

Brad confirmed his commitment to the barbecue circuit earlier this year when he purchased a custom-built trailer that includes a commercial kitchen and sleeping quarters. Dubbed “The Big Orange Pig,” the trailer lets Brad travel and compete in a little more comfort and style.



BUILDING THE BOX
Brad's daughter (and future BBQ champ?) shows off the family's famous technique for building a box.

Or as Brad put it, “Winning that first contest ended up costing me a lot of money.”

Between managing a 1,600-acre farm, taking care of his NuTech customers, running a hardware store and competing in barbecue, Brad is a busy guy. “It keeps me young,” he said, but he also gets lots of help and support. “It’s definitely a family affair,” said Brad. His in-laws come along to competitions to help watch the kids, who are ages six and one, and his wife takes the lead on trimming the meat. “The other guys are jealous—a lot of their wives won’t even touch the meat, let alone do the trimming.” She’s also in charge of “building the box”—which is competition lingo for garnishing the Styrofoam container in which meats are presented to the judges. “Technically, you don’t have to garnish it, but everyone one does it.” Brad’s wife builds a mean box, with a lovely bed of kale that’s often the envy of their competitors. “I do the flavors and sauces,” Brad explained. “I couldn’t do it without her—we’re a team.”

Their six-year-old daughter is also an active participant. “She’s old enough now that she can enter the ‘kids’ cue’ at some events,” Brad said. “She already thinks she’s a barbecue champion.”

Indeed, whenever the Local Yokels get a “call” at a contest (that’s when you’re invited up on stage as a top finisher), Brad lets his daughter take the stage and claim the prize. As is fitting for the occasion, she will sometimes don a princess dress before accepting the award. “She gets a lot of comments about being the best dressed at the call,” Brad said.

Life lessons

Of course, not every contest ends with a win, and Brad uses that as a chance to teach his daughter about life’s ups and downs. “We did the world championship in Little Rock earlier this year. We’re still pretty new on the pro side, so I changed a lot of my recipes going into it, thinking, ‘I gotta make it better,’” Brad remembered. “But we didn’t get a call. And my daughter looked up at me and said, ‘Are we going to get a call, Daddy?’ When I told her no, she got tears in her eyes and said, ‘But I want to get a call.’ I told her I did, too, but it’s not going to happen today.” Instead, Brad and his daughter congratulated the winners, “And we learned sometimes you don’t always win.”

Off the barbecue circuit, Brad turns his competitive focus to helping his customers win in the field. “Most of my customers are neighbors and friends,” he said. “I really like going around and talking to other farmers and helping them put the right seed on the right soil. I want to get them seed I feel confident will perform for them.”

Brad’s been a TSR for NuTech (and Pfister prior) for about 5 years now. He appreciates the family-feel of the NuTech Lifestyle and says it gives him a sense of having a vested interest in what he does, while putting the right things in perspective. “A good friend of mine who’s also been a six-time world champion in barbecue, gave me some good advice,” Brad shared. “Put God first, family second and barbecue (or in this case, farming) third. He said he’s tried it the other way around, and, ‘Trust me, it doesn’t work.’”



HOME AWAY FROM HOME
“The Big Orange Pig” is Brad’s home away from home at competitions. Custom-built, it’s outfitted with a commercial kitchen and sleeping quarters.

BRAD'S BARBECUE TIPS

BRAD'S CHICKEN, RIBS AND BRISKET ARE FREQUENT WINNERS IN BARBECUE CONTESTS ACROSS THE COUNTRY. HERE ARE SOME OF HIS HINTS FOR A DELICIOUS 'CUE.

WRAP IT UP:

If you're doing ribs or brisket, aluminum foil is your friend. Cook ribs for around 2-3 hours, then wrap them in foil and add a little apple juice to keep the meat tender.

DON'T OVERCOOK YOUR RIBS:

Most people think ribs are supposed to be “fall-off-the-bone,” but actually, that means they are overdone. Aim for the fine line where they're tender, but stay together.

DON'T OVER-SEASON OR OVER-SAUCE:

The flavor of the meat should be the star. You can always add more flavor at the end.

STRIKE A BALANCE:

The flavor should be a little salty, a little sweet and a little smoky.

USE A NOT-SO-SECRET SAUCE:

Surprise: Most barbecue competitors don't make their own sauces, but they will mix together different ready-made sauces to get the flavor they want. Brad highly recommends Blues Hog Original sauce. “It's won more contests than any other sauce,” he said. Brad thins it out a bit with apple juice.





Meet Mike Schaefer

Sales Manager, NuTech Seed®

MIKE SCHAEFER is from Carroll, a tiny Iowa town equidistant from Des Moines and Sioux City. Though Mike was a “town kid,” he spent summers on his grandparents’ farm outside of Lidderdale, IA.

“I loved it out on my grandfather’s farm. There’s something about the dirt and the country, being around the crops and helping them grow. That’s where I fell in love with agriculture.” Mike’s grandfather and an uncle primarily farmed row crops—corn, soybeans, oats, hay—and raised hogs, as well. “And back in those days, everybody had a few chickens,” Mike adds.

Even though he loved his grandparents’ farm, Mike didn’t aspire to a career in agriculture. He went to Iowa State, where he majored in biology and minored in animal ecology. Mike planned to use that education and his love of outdoor activities such as hunting and fishing for a career in wildlife management. His career ended up taking a different path, starting with a property management company in Des Moines before he “got the sales bug.” It was a friend from church who asked if he’d be interested in getting into the seed business as a DSM. “That instantly took me back to my grandfather’s farm,” Mike says, and he knew it was the right fit for him. He became a DSM for a brand in central Iowa, then a soybean product manager and is now sales manager for NuTech.

Selling a strong brand

Mike likes his sales manager role because he gets to be involved with many aspects of the business. “My job involves working with our sales people, but it’s also about engaging customers, talking to dealers, working with the DSMs,” Mike says. He likes sharing the strength of the NuTech brand with these stakeholders. “NuTech is in an enviable position in the industry, ready to succeed and grow in the next several years. We have a huge germplasm pool to work with and great traits available to us. The launch of Qrome® and Enlist E3™ soybeans positions us to deliver great results for soybeans and corn and offer growers advantages on new technologies as we move forward.”

A differentiated approach

Even with such a strong brand to promote, managing sales for NuTech has its challenges. Mike observes that the seed sales life is different from other industries. “Your sales team has to be self-motivated. We don’t punch a time clock. We don’t go into an office. You have to be motivated to go out every day and help farmers.” Another challenge is that there’s no standard definition for success. “There’s no cookie cutter program for becoming a successful DSM. Each customer, dealer and DSM is different in how they work, what motivates them and how they run their business. We can guide them or give advice, but ultimately how each

DSM thrives will determine how they should run their business.”

As a sales manager, Mike embraces the same philosophy. “I try not to put everyone in the same box. What works for me might not work well for the next guy.” It’s wisdom that was shared with him earlier in his career. “The best piece of business advice I’ve ever gotten is to always remember—no matter what part of the business you’re dealing with —people want to know ‘Why is it good for me?’”

“I try not to put everyone in the same box. What works for me might not work well for the next guy.”

Mike strives to make sure everyone throughout the brand knows why NuTech and our products are good for them. By focusing on the benefits to each group—farmers, dealers, team leaders, DSMs—NuTech can achieve buy-in throughout the organization. “If we keep every one of our stakeholders in mind, it should be a great thing for all of NuTech and a win-win for everyone along the chain.”

Our passion, our family

One group Mike really likes working with is farmers who are new to NuTech. “A lot of new NuTech farmers don’t know what we mean when we talk about the ‘NuTech Lifestyle,’” Mike says. “Once they work and have fun with us for a couple of years, I think they get it. They understand the passion we have for production agriculture, the passion we have for helping their farm succeed and our enjoyment of what we do. They become part of our team and part of our family.” Mike says that the customer bond is what separates NuTech from other brands. “That’s the exciting thing, when they feel part of our team,” he adds. “That’s how you know you’re doing things right.”



Get in touch with Mike and the NuTech sales team at info@nutechseed.com.

See the
CORN
 today!

*It's just outside
 your window.
 No travel required!
 Just sit back and
 appreciate it now
 and then.*

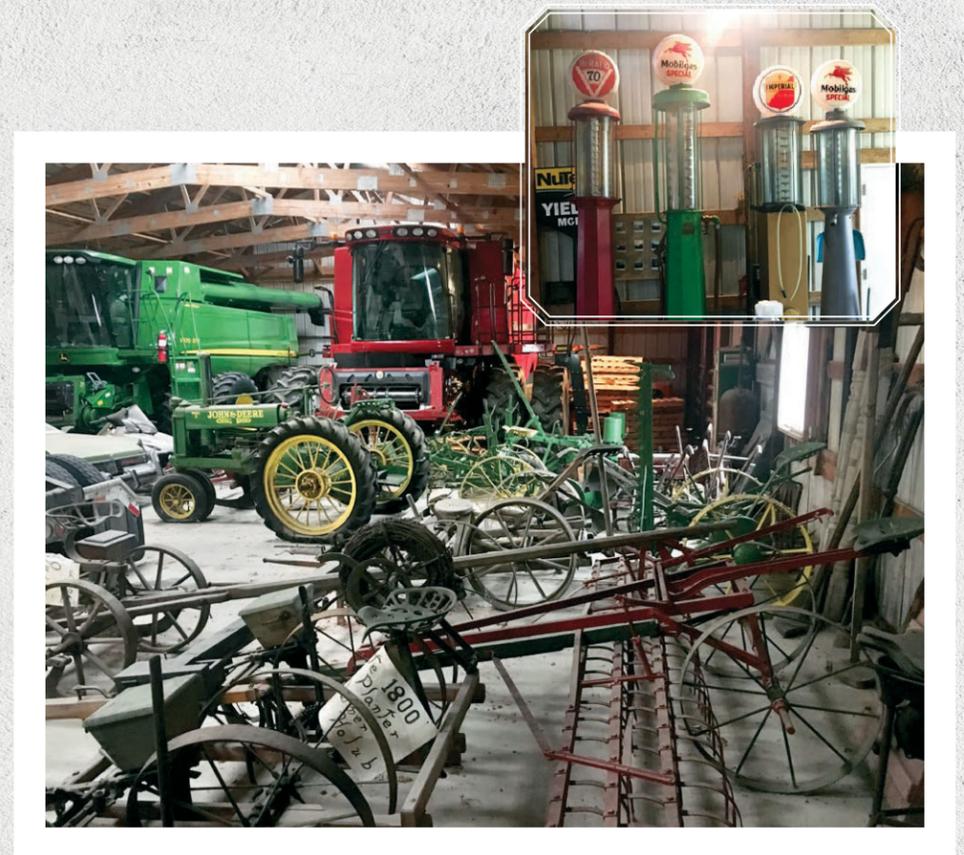
NuTech
 Seed®

My favorite farm antiques

Cordt Holub

*NuTech Territory
 Sales Representative*

Some items in TSR Cordt Holub's antique farm equipment collection date to the 1800s. His grandfather started the collection as a way for people to reminisce about farming in the old days. Cordt and his brother continue their grandfather's legacy of preserving farm history, sharing it with visitors from across the country. Earlier this year, Cordt's collection served as the backdrop for a signing ceremony with the Iowa Governor and Lieutenant Governor on a bill designed to benefit young farmers.



Laura DeAth

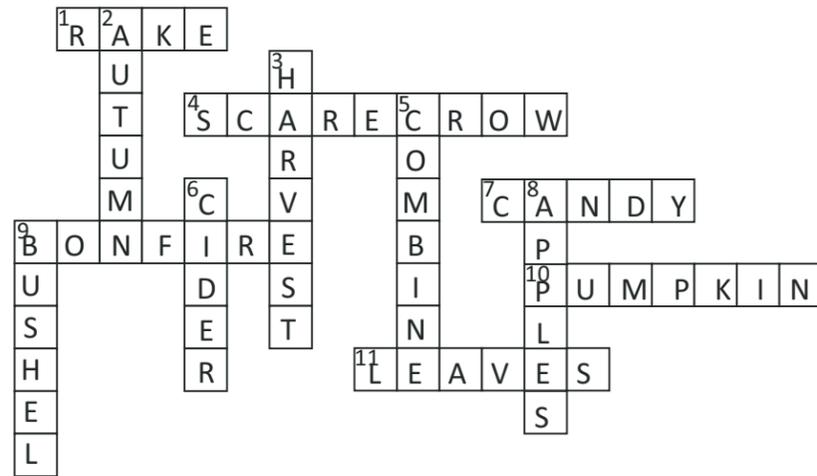
NuTech Customer Service Representative



For CSR Laura DeAth, corn is a way of life. She collects all things corn, new and old – from seed bags to figurines. A seed business mentor got her hooked on hunting for corn treasures. Some of her favorite pieces are antique Shawnee and Stanford Ware corn pottery dating from the 1940s-1960s. In the Shawnee collection shown here, the kernel and leaf colors indicate the age of each piece.



Activity page answers



LIBERTY LINK Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yield genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. Liberty is not registered for use in all states. For additional product information, visit our website at <https://agriculture.basf.com/us/en.html>.

ROUNDUP READY 2 XTEND SOYBEANS Always follow grain marketing, stewardship practices and pesticide label directions. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend® technology.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba.

Seeds containing the Roundup Ready® trait and the Roundup Ready 2 Yield® trait are protected under numerous U.S. patents. Seed containing patented traits, such as seed containing the Roundup Ready and Roundup Ready 2 Yield traits, can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready soybeans and Roundup Ready 2 Yield soybeans. Additional information and limitations on these products are provided in the Monsanto Technology Stewardship Agreement and the Monsanto Technology Use Guide. The licensed U.S. patents for Monsanto technologies can be found at the following webpage: <http://www.monsanto.com/products-stewardship/patents>.

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva policies regarding stewardship of those products. Crops and materials containing biotech traits may only be exported to or used, processed or sold in jurisdictions where all necessary regulatory approvals have been granted for those crops and materials. It is a violation of national and international laws to move materials containing biotech traits across borders into jurisdictions where their import is not permitted. Growers should discuss these issues with their purchaser or grain handler to confirm the purchaser or handler's position on products being purchased. For further information on the approval status of biotech traits, please visit www.biotradestatus.com. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

QROME Qrome® products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit <http://www.biotradestatus.com/>.



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AM - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.
AMX - Optimum® AcreMax® Xtra Insect Protection system with YGCB, HXX, LL, RR2. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra products. **YGCB, HXX, LL, RR2** (Optimum® Intrasect® Xtra) - Contains the YieldGard® Corn Borer gene and the Herculex XTRA genes for resistance to corn borer and corn rootworm. **YGCB, HX1, LL, RR2** (Optimum® Intrasect®) - Contains the YieldGard® Corn Borer gene and Herculex® I gene for resistance to corn borer. **AMXT** (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products. **RW, HX1, LL, RR2** (Optimum® TRIssect®) - Contains the Herculex I gene for above-ground pests and the Agrisure® RW trait for resistance to corn rootworm. **RW, YGCB, HXX, LL, RR2** (Optimum® Intrasect® XTreme) - Contains the Agrisure® RW trait, the YieldGard Corn Borer gene and the Herculex® XTRA genes for resistance to corn borer and corn rootworm. Optimum Intrasect XTreme will be the major component of Optimum AcreMax XTreme. **AVBL, YGCB, HX1, LL, RR2** (Optimum® Leptra®) - Contains the Agrisure Viptera® trait, the YieldGard Corn Borer gene, the Herculex® I gene, the LibertyLink® gene and the Roundup Ready® Corn 2 trait.



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