

# TheLife

SPRING 2020

by NuTech Seed®



## SPRING AGRONOMY INSIGHTS

*Get your season off to the right start  
with expert tips*

## REVISITING PANAMA

*We hit the high points of our unique  
getaway*

## ENLIST E3™ SOYBEANS REVIEW

*Observations from the first  
commercial season*

## HAVE YOU SEEN THE CORN TODAY?

*One family shares their special  
perspective*

# THE PLANTING ISSUE

**NuTech**  
Seed®





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you can cover  
more ground.

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**Effective. Flexible. Great value.**  
These are some of the reasons farmers choose SureStart® II herbicide season after season. SureStart II offers a complete and customizable weed control strategy to protect yield and profitability.  
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TO OUR READERS



LOOK  
FORWARD  
TO WHAT  
SPRING  
CAN BRING

When it seems like winter’s chill will never end, it helps to look forward to spring. Spring brings optimism and opportunity. It’s a fresh start, a chance to create the vibrant greens that alter the landscape, a time to see what you’re building come to life. Spring is a time to try new things. Imagine: The seed that quickly flows out of our planters today once took someone days to plant by hand.  
Spring’s arrival also tells us it’s time for another cycle on the farm, a time to renew our commitment and desire to bring in another crop. I think farmers are just wired that way. As the soil warms, we have a need—I would say a mission—to create growth, getting plants off to the best start possible.  
We understand that we are just a part of the process. There are greater forces at work that allow the seed we care for to turn into picturesque green fields painting the landscape with a part of our life’s work. Our lifestyle—the NuTech Lifestyle—lets us be a part of that process. To celebrate success in getting crops off to the right start, enjoyment in the visceral connection we have to each and every crop, and family, as together we celebrate another cycle and another chance to share.  
As your seed company, all of us at NuTech understand our responsibility: to provide the best seed quality and the best positioning possible. Together with you, we get to enjoy the results. We don’t know what the 2020 growing season will bring, but I’m certain that this is what we are supposed to do. Plant the crop. Grow the business.  
Wishing you a happy spring and successful planting,



*Brad Damery*  
**Brad Damery**  
General Manager



WHAT ARE  
WE TALKING  
ABOUT?

**Product videos**  
*Our agronomy team has been busy putting together their thoughts on stand-out corn hybrids for this season. Check out these bite-sized product profiles on our YouTube channel.*

**Tradeshow time**  
*The Midwest Ag Expo was our first tradeshow of the year, but it’s just the beginning. Look for the NuTech Seed® booth at shows throughout the season.*

**New Lifestyle video**  
*Have you checked out our fun, brand-new NuTech Lifestyle video? If not, see it on our website or YouTube channel. It makes us proud to see so many living the NuTech Lifestyle.*

*We love to hear from everyone living the NuTech Lifestyle, so keep in touch on social media. Not following us yet? Look for NuTech Seed on Facebook, Twitter, Instagram, LinkedIn and YouTube.*





# THE PLANTING ISSUE

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SPRING  
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**TheLife**  
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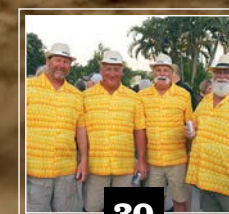
Spring brings a different kind of harvest for hunters.



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# What's happening at NuTech this season?



*If the groundhog is to be believed, we're in for an early spring. That's keeping us plenty busy!*

## 1 INTRODUCING NEW HYBRIDS AND VARIETIES new

We can't wait for customers to get our newest products in the ground. We're excited to have several new products in our portfolio to deliver new levels of performance in your fields. We're introducing eight new corn hybrids for more choices in disease and pest protection. Our portfolio also includes new food-grade 74D3AM™\*\*BRAND, which may qualify for a premium come harvest. Our other new products offer Optimum® AcreMax® insect protection and Qrome® products that bring together the most advanced technology for above-and below-ground insect protection with top-performing germplasm. These include:

### Brand:

- > 58B1AM™\*\*
- > 58B1Q™\*\*
- > 68A7AM™\*\*
- > 70A8AM™\*\*
- > 71F5AM™\*\*
- > 71F5Q™\*\*
- > 70F2Q™\*\*
- > 72B7Q™\*\*
- > 74B6AM™\*\*

Check out our YouTube channel to learn more about some of our favorite hybrids for 2020.

Our soybean portfolio has an Enlist E3 focus for 2020, with options ranging from 1.6 to 4.9 RM.

## 2 PREPPING AND SHIPPING YOUR ORDERS

Seed shipments started early this year and are just about finished, so you'll see yours soon if you haven't already. If you have any questions about your shipment or need help during planting season, contact your NuTech rep.



## 3 GETTING THE GARDEN GOING

Many of us are also preparing our home gardens for what will hopefully be a bountiful season. This is the perfect time to clear brush from your garden, trim plants and nourish the soil so it's ready to sow this year's seeds. Plan now to get those early vegetables—lettuce, peas, broccoli, radishes and more—into the ground. We'd love to see what you've got growing! Share photos with us on Facebook and Instagram!







## What's your favorite thing about spring on the farm?

### Cohen

Cohen (16 months) from Brooklyn, IA, loves the farm. He can't wait until spring to spend time with the cows and in the tractor! Little farmer in progress! ▼



### ▲ Mylie

Mylie (age 11) from Little Cedar, IA, is training her 4-H calf for the fair.



### ◀ Samantha and Penelope

Samantha (age 8) and Penelope (age 5) from Lenzburg, IL, say bring on the sunshine. "The farm's no fun in the winter. Too cold!" (They found Walt Disney World® Resort in Florida much warmer!) ▲



### ▲ Kade

Kade (age 5) from Brocton, IL, says, "We're raising piggies."



### ▲ Hunter and Emma

For Hunter (age 15) and Emma (age 8) from Moberly, MO, springtime on the farm means time to find the perfect pigs for show season! This is Emma's first official year showing pigs, while Hunter is heading into his eighth year.

## Activity page

Fun puzzles, games and more—just for kids!

### Word Scramble

Unscramble the letters to find words about springtime. Then rearrange the circled letters to answer the question below!

n n l p a t i g \_\_\_\_\_

w f o l r e \_\_\_\_\_

e s d e \_\_\_\_\_

i n a r \_\_\_\_\_

h s u e n i s n \_\_\_\_\_

w r o g \_\_\_\_\_

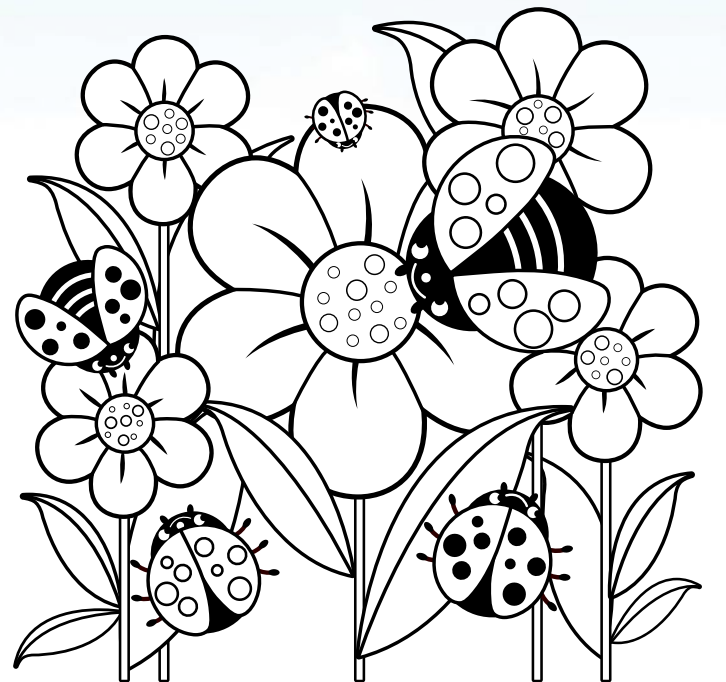
l o s i \_\_\_\_\_

d n g e a r \_\_\_\_\_

What do you call a flower that roars?

\_\_\_\_\_

### Springtime Coloring





# Basketball Madness

It's that time of year! NuTech customers and their families are hyped for hoops!



"My sons LOVE basketball and along with mom and 'Coach' dad, a NuTech seed rep, we are cheering for the Charles City Comets!!"

— Jaime Caffrey, Charles City, IA



"My brother, Jonathan Vaughn, and I in New York this fall to watch Duke play in Madison Square Garden. Two farm boys from southern Illinois in the big city was an experience."

— Tyler Vaughn, Ellery, IL



"It's basketball, basketball and more basketball for our NuTech family!" From left to right: Sawyer (age 9) Ashton (age 10) and Kendall (age 4).

— The Manz family, Washington, IA



"The only use for a basketball floor is for wrestling mats door to door! Our tournament season is a wrestling tournament season and we are getting ready for the state series!"

— Kate Lambert, Laclede, MO



"Most definitely ready for tournament season!! GO BIG BLUE!"

— Beth Howell, Greenville, KY



"Watching my brother Drew play basketball has to be one of my favorite things. Especially this year, as he's playing at the same high school dad did!!!"

— Katie Dowson, Clay City, IL



"Working on our skills and attending local college games with my son Brock!"

— Jamie Pittman, Olney, IL



"We caught the action at the Illinois 7th Grade State Semi-Finals."

— Kayla Brangenberg, Pleasant Hill, IL



## Advanced insect protection meets elite genetics



Ask about new Qrome® products available for 2020.

## The key to unlocking yield potential

Qrome® products bring together the most advanced technology for above- and below-ground insect protection with top-performing germplasm, using proprietary triple-stack genetic technology. The result? Corn hybrids with exceptional agronomics and defense against key pests, including corn rootworm, to maximize on-farm performance.

**In trials across regions and growing conditions, Qrome products have been shown to improve yield as much as 7 bu/A over legacy triple-stack technology.<sup>1</sup>**

### Pests Controlled



European corn borer



Southwestern corn borer



Black cutworm



Fall armyworm



Corn earworm



Western corn rootworm



Northern corn rootworm



Mexican corn rootworm

Mode of Action



<sup>1</sup>2015-2017 DuPont Pioneer corn rootworm research trials.

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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## Fresh Flavors

In this issue, we highlight one recipe perfect for a get-together, and two that bring all the flavor of the season. Enjoy!

### GRILLED ASPARAGUS

Submitted by Jill Ferguson

1 lb. fresh asparagus (or your selected amount)  
Olive oil to coat asparagus  
2 tsp lemon pepper (or to taste)

Rinse asparagus and place in gallon plastic zip bag. Add enough olive oil to lightly coat the asparagus. Shake and work olive oil to coat asparagus. Add lemon pepper. Shake asparagus again to coat with seasoning. Jill says, "We like it best grilled on a charcoal grill. Use a disposable grill topper to prevent asparagus from falling through." Grill to desired tenderness.



### HAM SLIDERS

Submitted by Katie Dowson

12-count package Hawaiian sweet rolls  
1 lb. deli ham, thinly sliced  
1 lb. Swiss cheese, thinly sliced  
½ cup butter, melted  
1 tbsp Dijon or honey mustard  
1 tbsp poppy seeds  
2 tsp dried, minced onion (optional)  
2 tsp Worcestershire sauce  
¼ tsp salt, or to taste  
¼ tsp pepper, or to taste

Preheat oven to 350° F. Slice rolls in half. Put a slice or two of ham in each roll. Cut the cheese slices in quarters and put a quarter on each roll. Melt butter in a medium-sized, microwave-safe bowl. Add to melted butter: mustard, poppy seeds, minced onion, Worcestershire sauce, salt and pepper, and whisk them all together. Slowly and evenly pour the butter mixture over the rolls.

"Sometimes I use a brush to make sure each roll gets plenty! Some of it will pool up around the rolls and that's great, too! Use the whole mixture." Bake for 20 minutes or until the cheese has melted. "ENJOY! Everyone will thank you!"

KATIE SAYS

"I often double this recipe so I have plenty for lunch/dinner that day, and then also some leftovers for lunch the rest of the week!"

### FRIED MUSHROOMS

Submitted by Jill Ferguson

Morel mushrooms (10–20, or as many as you're lucky to find!)

2 eggs  
½ cup milk  
1 sleeve saltine crackers

Slice mushrooms in half and soak in salt water overnight. If using fresh-picked mushrooms, rinse and repeat, ensuring no bugs are seen on mushrooms. Drain mushrooms on paper towel. Mix eggs and milk. Crush saltine crackers until fine. Dip mushrooms in egg mixture, then cracker crumbs. Heat 2–3 tbsp vegetable oil in skillet over medium-high heat. Fry mushrooms until golden brown. Lightly salt before serving.

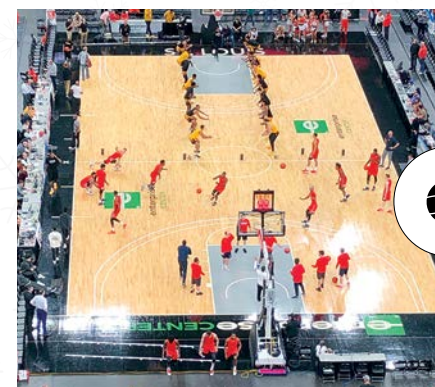


## NuTech Winter Events

Who says winter has to be boring? We've used the off-season as a good excuse to get together and have a little fun with customers.



Great music, great friends: A group of NuTech customers took in a Jason Aldean show on February 6.



We had a blast with growers at the annual Illinois vs. Mizzou Braggins' Rights game.



NuTech dealers Philip and Noelle Brooks (Legacy Farms Seed Service) hosted an open house. (Read more about Philip and Noelle on page 14.)



We had fun chatting with folks about NuTech at the National Farm Machinery Show in February.



A little Cajun spice to warm up the winter: Scott Brocklesby invited customers over for a shrimp boil.



# Have you seen the corn today?

“*L*”

## IT'S A TRUE BLESSING THAT MANY PEOPLE DON'T HAVE.”

That's how Noelle Brooks describes her farm life. Noelle didn't grow up on a farm, but she fell in love with the lifestyle when she married her husband, Philip.

Philip and Noelle Brooks run Legacy Farms Seed Service in Fulton, MO. The company is in its third year as a NuTech Seed dealer, but their relationship with various members of the NuTech team goes back more than 15 years.

“My first year, I sold 240 bags of corn and 750 bags of beans,” Philip remembers. “I thought it was so cool to get beans in a mini-bulk bag.” This year, Legacy Farms Seed Service sold more than 3,000 units of corn and 15,000 units of soybeans. Philip chalks that up to a combination of great products and customer service. “We have products that get us on the farm and keep us on the farm,” he says.

**THE FAMILY'S FARM** itself is small—only 120 acres and 70 head of cattle. “For no more than we farm, we do a damn good job of it,” Philip says. They use their fields as a proving ground for NuTech products, so they can share their first-hand experiences with customers. “When they see you believe in the product, they'll believe in it too,” he says.

Philip and Noelle's farm is just a mile away from his father's farm, and they still work the land side-by-side with Philip's parents. Philip and Noelle raised two kids here, and all around are reminders of the family legacy the company was named for. “I never met Philip's grandfather,” Noelle says, “But there are places around the farm where he left notes, on the walls and in other places. You know he was here.”

For Philip, the NuTech Lifestyle is all about family—and treating customers like part of yours. “When you become part of someone's operation, they depend on you,” he says. “A lot of times, you've got to be the dealer, the agronomist and the friend for someone to talk to when times are tough. It's a lot more than just delivering seed. We believe in taking care of the customer, because they're taking care of us.”

When he reflects on “Have you seen the corn today?” Philip thinks of the people at NuTech. “There's so much this company has brought us—the trips, people, memories. There are people you meet, you become friends, and you might not see them for 3 or 4 years. But then you can just pick up right where you left off.”

For Noelle, “Have you seen the corn today?” speaks to a sense of duty. “It's the responsibility of tending to the land and the animals,” she says. “It's about taking care of the ground that God gave you. They're not making any more land, so you have to take care of it.”

*“It's about taking care of the  
ground that God gave you.”*



*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







# The Life

in pictures

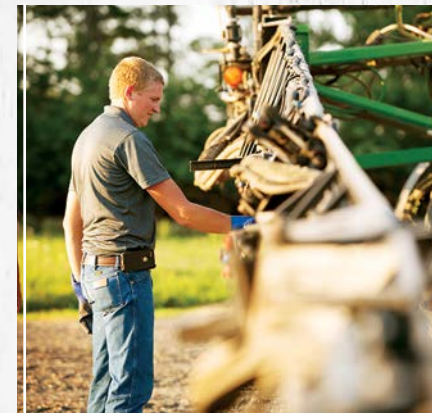
Three generations of the Fuller family farm together on this land, building a vibrant tradition they hope to continue passing on.





# The Fuller family

Bryan Fuller and his wife, Morgan, walk the lane between bean fields and a plot of NuTech Seed® corn. Bryan works the fields with his dad, Jeff, making him the fourth generation of Fullers to farm here.



◀ Jeff Fuller and daughter Sara check out the corn fields together. Sara is a recent graduate of Illinois State University and plans to work on the family farm alongside her dad and brother.



With Dad and Grandpa still actively involved in the farm, there's plenty of experience to learn from. "There's probably no challenge the two of them haven't seen," says Bryan about his dad and grandfather, "But they're always interested in new and better ideas, too. We make a good team."

“ I THINK FARM FAMILIES ARE JUST A LITTLE BIT CLOSER. YOU HAVE TO BE. ”

— Morgan Fuller







## NITROGEN STABILIZER

**Instinct<sup>®</sup>**

Optinyte™ technology

**N-Serve<sup>®</sup>**

Optinyte™ technology

**Missing the critical element  
is as bad as it seems.**

Without that critical element, what's the point? Nitrogen is critical in your fields, but it's vulnerable to loss the moment it's applied. Nitrogen maximizers are proven to protect any nitrogen source from loss — keeping it in the root zone where it belongs. Calculate the yield you've been missing out on at **NitrogenMaximizers.com/Calculate.**

**SPRING  
AGRONOMY  
INSIGHTS**



# Get off to a clean start with the right residuals



## Q&A WITH RON GEIS

MARKET DEVELOPMENT SPECIALIST  
for CORTEVA AGRISCIENCE™  
CROP PROTECTION

### WHY DO YOU RECOMMEND USING RESIDUALS?

The easiest time to control a weed is when it's a seed. That's the smallest it's ever going to be and when it's at its most fragile size. I think you need to take every opportunity at this stage to control it. Once the weeds are up, Mother Nature may throw us a curveball with the weather. Now, if we can't get into the field to spray when

we want, instead of trying to control a little seed, we're dealing with a plant that's just as big below ground as above ground.

With a residual, the chemistry is going to go into the water hitting that seed and it dies right there. Plus, it continues to control weeds for several weeks after application. That's not so true with many post-emergence products.

### HOW DOES A RESIDUAL FIT INTO A PROGRAM APPROACH FOR WEEDS?

Residuals are the perfect fit for your program approach, because you can introduce different modes of action in the soil that aren't available, or maybe aren't as effective when used post-emergence. For example, in soybeans, where farmers are experiencing a lot of weed resistance, we recommend the Group 14 PPO inhibitors for residual,

because those are extremely effective on waterhemp, Palmer amaranth and marestail—some of the most troublesome weeds here in the Corn Belt. However, PPO herbicides aren't working as well post-emergence and we're seeing some resistance, so it makes sense to use that chemistry at the residual stage where we know it can make a difference.

As we've become more and more reliant on chemistry for weed control, I do think it's important not to forget about those non-chemical interventions that can help you control weeds, too. In soybeans, competition is a big one. With more soybean plants, the canopy may also close sooner, choking out those weeds.

### HOW SHOULD GROWERS TIME A RESIDUAL APPLICATION VS. BURNDOWN?

Many times, residual and burndown can be the same product. I would spray a residual after the tillage is completed or immediately after planting. In no-till, residual can be applied as soon as the previous crop is removed from the field. In some climates, that may require a spring residual application come planting time, but farther north, where the winters are cool, we've had good success with applying residual in November after corn harvest and that can continue to provide good control until as late as early June, at which time you can do your post-emerge. That won't work in southern geographies, like southern Illinois or Missouri, but up north, we're seeing fall residuals perform almost identically to early spring residuals.

Sometimes, residuals will cause a burndown effect, but it's not usually consistent enough to be the only herbicide used. If you need to do a true burndown, we recommend supplementing residuals with a shorter, non-residual burndown product. Corteva recently introduced Elevore® herbicide for this purpose, which is very effective even in cool weather and has just a 14-day waiting period before planting corn or soybeans.



Of course, if you are planting Enlist™ corn or Enlist E3™ soybeans, you can spray Enlist One® or Enlist Duo® herbicides for burndown, and there is no plant-back restriction. If you choose to use a standard 2,4-D ester for burndown, there is a 7–14-day waiting period before planting.

### HOW CAN A GROWER FIGURE OUT THE RIGHT RESIDUAL PROGRAM FOR THEIR FARM?

The NuTech territory has a lot of variabilities, so you really need to work closely with your seed representative or herbicide retailer based on your geography. The Corteva crop protection team works closely with retailers, too. We know they have preferences for certain chemistries based on specific local weed pressures and their experiences with what's working.

For soybean residual, we typically recommend Sonic® herbicide or Trivence® herbicide, both of which provide residual and burndown activity. It should be noted that Trivence herbicide cannot be used north of I-80 in Iowa, but Sonic herbicide can be used across the entire NuTech geography.

In corn, I recommend Cinch® ATZ herbicide, Keystone® NXT herbicide or SureStart® II herbicide. Resicore® herbicide can also be used, but I tend to recommend growers save this for post-emergent application.



### CONSIDER AN IN-SEASON RESIDUAL PROGRAM IN SOYBEANS

*Long used in corn, in-season residuals are gaining popularity in soybeans. I recommend EverpreX® herbicide for in-season residual in soybeans. This is a Group 15 product, and while it will not have any effect on emerged weeds, it provides residual control of grasses and small seeded broadleaf weeds, particularly problem soybean weeds like Palmer amaranth and waterhemp. This treatment can provide an extra 3–5 weeks of in-crop residual control. That extra time doesn't always get us all the way to canopy closure, but it can certainly be helpful during a critical time.*

This information is not intended as a substitute for the product label for the products referenced herein. Product labels for the above products contain important precautions, directions for use and product warranty and liability limitations, which must be read before using the products. Applicators must be in possession of the product labels at the time of application. Always read and follow all label directions and precautions for use when using any herbicide alone or in tank-mix combinations. These products are for retail sale to and use only by Certified Applicators and only for those uses covered by the Certified Applicator's certification. These products may not be registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions.



# 5 Reasons to Use Fungicide This Season

We caught up with Sales Agronomist Ryan Booton for his take on why fungicide is worth your time and investment in 2020.

## FOR SOYBEANS

### 1 YOU CAN ADJUST APPLICATION TIMING DEPENDING ON THE DISEASE YOU NEED

**TO CONTROL:** Soybeans are typically treated with fungicide at R3, when pods are at least a quarter of an inch long on the upper four nodes of the plant. "At this stage, we're looking to hit frogeye leaf spot, anthracnose and brown spot," Ryan says. "The exception would be in northern Illinois, where there tends to be a bigger issue with white mold. You have to control that disease early, at R1. If you wait until R3, it's going to be too late."

### 2 THE RIGHT PROGRAM AND RATE WILL DO THE TRICK:

Ryan recommends Aproach® Prima fungicide at 6.8 oz., applied twice, and reminds growers to bring in multiple modes of action to reduce risks of resistance. To get the most benefit and bang for your buck, Ryan says to go with the full use rate recommended on the product label.

### 4 YOU CAN PLAN FOR TREATMENT AT THE SAME TIME YOU SELECT YOUR SEED:

As with corn, be sure to evaluate the disease resistance of your soybean varieties and use that to guide your fungicide application strategy. "Pre-planting is a good time to plan your spraying approach, so you can be ready to treat your fields at the proper growth stage to control disease," Ryan says.

### 3 IT'S MORE ECONOMICAL THAN YOU MIGHT THINK:

Soybean fungicide treatments have been delivering more value for farmers in recent years (see the last point on our list). Many fungicides can also be used in conjunction with insecticides, letting you accomplish multiple goals in a single spraying pass.

### 5 YOU'RE LIKELY TO SEE A YIELD BUMP:

"97% of the time, soybean fungicide applications result in better yields compared to untreated acres," Ryan says. "Yield mapping is really improving data. We consistently see a 5.5–7-bushel response in soybeans treated with fungicide." He notes that once his customers try fungicide on their soybeans, they have such good results, nearly all of them apply it again the following season.

## FOR CORN

### 1 YOU'LL GET YOUNG PLANTS OFF TO A

**STRONG START:** A fungicide labeled for use between V4–V7 (Ryan recommends Aproach Prima fungicide) will depress anthracnose and stalk rot that could come up later in the season, but it also offers other plant health benefits. "Application at this stage is almost like giving your corn an energy drink," Ryan says. "The fungicide improves greenup and photosynthesis, helping to increase nutrient uptake in the plant." Fungicide can be sprayed along with post-emergence herbicide, making it efficient and economical to apply, too.

**2 IT KEEPS CORN GOING STRONG LATE-SEASON:** A second application around R2 serves as both a preventative and curative. Ryan strongly recommends a product with multiple modes of action at this stage, and suggests a Group 3 and Group 11 combination (such as Aproach Prima fungicide). In addition to keeping diseases at bay, Ryan notes similar plant growth benefits seen during early application. "You again get more photosynthesis and that gives the plant more energy for grain fill," Ryan says. "The other thing we've noticed is that a late application can help extend the harvest window. In corn treated with fungicide, plants tend to maintain better plant integrity."

### 3 EARLY-SEASON TREATMENT IS CRITICAL FOR CORN-ON-CORN:

"With more residue in your corn-on-corn acres, there's a higher risk of what we call the splash effect," Ryan says. "When rain falls, spores that are still alive in the previous plant's residue can infect the new crop's leaves." If the winter has been mild, spores are more likely to have survived into spring.

### 5 IT'S NOT ALWAYS ABOUT DISEASE THRESHOLD:

Some growers may not feel fungicide is worth the investment if they're not seeing much disease in the field. Ryan says not to forget about the dollar difference you could see at harvest. "In 2018, harvest was delayed because of the rain," Ryan recalls, "and fields that had been treated later-season with fungicide really held together well. Untreated fields were full of stalks laying on the ground, and that meant significant yield loss."

### 4 FUNGICIDE PROTECTS YOUR INVESTMENT IN HYBRIDS:

Ryan advises growers to pay careful attention to the disease resistance profile of their hybrid selections to determine if fungicide should be part of their season plan. "Let's say you choose a really high-yielding hybrid, but it's only got an average resistance to gray leaf spot," Ryan says. "In that case, you'll want to plan ahead to use a fungicide to offset that possible risk and make sure you can maximize the yield potential in that hybrid."

# Some products make a lasting impression

With impressive yields and consistent performance across the NuTech geography, **70A8AM™\*BRAND** is a hybrid you won't soon forget.

**Talk to your NuTech Seed® representative and learn more about putting 70A8AM to work on your fields this season.**

[www.nutechseed.com](http://www.nutechseed.com) | 1-888-647-3478

**NuTech**  
Seed®

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. \*Roundup, Roundup Ready, YieldGard and the YieldGard Corn Borer design are registered trademarks used under license from Monsanto Company. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of BASF. \*G2® brand seed is distributed by NuTech Seed, LLC.™ \*Trademarks of Dow AgroSciences, DuPont or Pioneer, and their affiliated companies or their respective owners. © 2020 Corteva.



**CORTEVA**  
agriscience





# Why wait?

Planting your soybeans early might make good sense this year



**BRAD JOHNSON**  
Lead Agronomist

**B**ack when I first started working with farmers, everyone used to choose their planting dates based on the calendar. Corn always went in first. The target window for soybeans was early May. But every season, we get smarter, and research tells us that early soybean planting can have some real advantages come harvest. Here are a couple of things to consider when weighing your early planting options for soybeans.

## IT CAN REALLY PAY OFF AT HARVEST.

Research over the past several years has shown a yield advantage for early-planted soybeans. With longer time in the field, soybeans can collect more Growing Degree Units (GDUs), which equates to more vegetative growth and internodes. And that can lead to better yields.

## ADVANCED SEED TREATMENTS MAKE EARLY PLANTING LESS RISKY.

We relied on the calendar so much in the past because, frankly, you couldn't guarantee a stand if you planted in April—the seed just couldn't take it. But seed treatments have come a long way and today's products do a great job protecting the seed. At NuTech, for example, soybeans get a three-part treatment:

**1**

**LumiGEN™ seed treatments featuring Lumisena™ fungicide seed treatment**

This is the newest technology in the marketplace and it provides really excellent phytophthora protection—the best I've seen.

We pair this with **EverGol® Energy** seed treatment fungicide, which protects against pythium, rhizoctonia and fusarium.

**2**

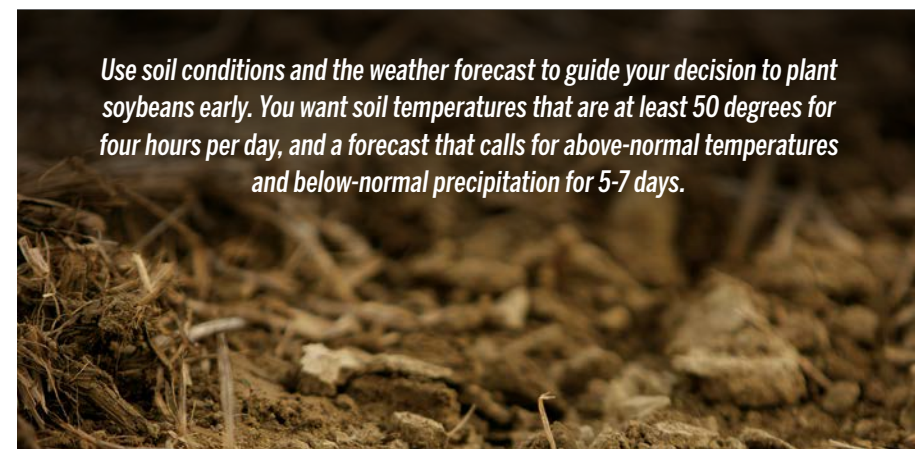
**BIOLOGICAL**

We apply L-2030 R biofungicide, which is exclusive to Corteva Agriscience™ seed brands like NuTech.

**3**

**GAUCHO®**

This insecticide seed treatment manages secondary pests, including bean leaf beetle and soybean aphid.



*Use soil conditions and the weather forecast to guide your decision to plant soybeans early. You want soil temperatures that are at least 50 degrees for four hours per day, and a forecast that calls for above-normal temperatures and below-normal precipitation for 5-7 days.*

Even without the additional potential yield advantage with early planting, these treatments alone can help boost yield by anywhere from 1–4 bu/A, depending on the disease susceptibility of your fields.

## IT ALL COMES DOWN TO SOIL CONDITIONS.

Instead of watching the calendar, my advice is to watch the environment and your soil conditions. Typically, we get one good window for planting—and as you well know, sometimes we don't even get that! It's tempting to focus on the forecast for planting day, but especially if you're going out early, make sure you're checking the 5–7-day forecast. It could be late March, but if the next week's forecast shows below-normal precipitation, above-normal temperatures and your soil temps are pushing 50 degrees at least four hours a day, go ahead and plant your beans. But on the flipside, if you've got a beautiful, warm early-spring day that's about to be followed by a week of rain and cold, keep your planter in the shed. You want at least a 5–7-day window of favorable conditions to get your early-planted soybeans off to a strong start and ensure emergence.

## IF YOU'VE GOT THE EQUIPMENT, PLANT IN PARALLEL WITH CORN.

If you're like a lot of the farmers I work with, you probably now have dedicated planters for corn and soybeans, so it's possible to be out planting both crops simultaneously. We never know how long Mother Nature's going to cooperate, so if the conditions are right,

go for it. And if you've got variable conditions between your plots and your bean fields are ready first, don't shy away from getting soybeans in even before corn.

## LEVERAGE THE ADVANTAGES OF ENLIST E3™ SOYBEANS.

I sometimes work with growers who will wait to plant because they're not seeing weeds yet, and therefore can't do a burndown. If you put down a residual, then plant, you risk escapes. Now you're stuck coming in with a post-spray sooner than you'd like—at a higher cost.

If you're planting Enlist E3™ soybeans, however, you can go ahead and plant when the conditions are right and still come back anytime those weeds start to appear and spray burndown with Enlist™ herbicides. Because Enlist E3 soybeans are tolerant to 2,4-D choline in Enlist herbicides, you won't damage your soybeans. There are also no plant-back restrictions with Enlist E3 soybeans, so if you have a good window to do your burndown and then immediately plant, you can get out there and get it done.

Today's soybean varieties can better withstand the pressures of early-season planting, and with the extra insurance of effective seed treatments, you can feel comfortable getting your soybeans in the ground sooner. Just keep an eye on those soil conditions and the forecast and, if the time is right, go for it and enjoy those extra yield benefits in the fall.



# Reviewing the first commercial season of Enlist E3™ soybeans

Q&A with Lyndall Dallas,  
Enlist™ Field Specialist

Lyndall Dallas is a Corteva Agriscience™ Enlist™ Field Specialist assigned to NuTech Seed®. He supports the Enlist system in Illinois and Wisconsin.

Q

## IT'S THE BIG QUESTION ON EVERYONE'S MIND: HOW DID ENLIST E3™ SOYBEANS PERFORM LAST YEAR?

2019 was an exciting year for Enlist E3™ soybeans, because it was our first year having the product in commercial fields, and the results in NuTech territory exceeded expectations. We saw good yields in NuTech plots, in customer fields and in public plots. The results were very positive, especially considering what a challenging year it was, with a lot of late planting across the area.

Q

## WHAT WERE THE OBSERVATIONS WITH WEED CONTROL?

Weed control was also very good. With all the planting delays, by the time post-planting herbicide applications were underway, it was late spring/early summer—and weeds were growing rapidly. Enlist Duo® and Enlist One® herbicides did a great job controlling weeds, even with that later start.

We also heard from growers how much they like the flexibility of the Enlist™ system. With the reduced risk of physical drift and near-zero volatility of Enlist herbicides, there aren't as many spray restrictions as with other systems. And Enlist E3 soybeans have that three-way tolerance to glyphosate, glufosinate and 2,4-D choline, so there are a lot of options for growers, depending on their weed spectrum.

I do like to remind everyone to use a program approach, however. Start

Q

## WHAT ABOUT AGRONOMICS?

Growers should always pay attention to the disease tolerance packages available on the various Enlist E3 varieties and use those to their advantage. In 2020, there are more varieties and agronomic options available, so look at what's right for your field conditions and pressures. Your NuTech sales and agronomy teams can certainly help you with selections. I think you'll be happy with the agronomic characteristics in the NuTech Enlist E3 portfolio this year.

Q

## WHAT ARE YOU LOOKING AHEAD TO WITH ENLIST E3 SOYBEANS IN 2020?

2019 was the year for early adopters of this technology. As they share their positive experiences, and more growers get familiar with Enlist E3 soybeans, we expect use of Enlist E3 soybeans to grow across the Corn Belt. There will also be more supply and more varieties to choose from in 2020, so we expect that will get more growers interested, too.

Last year was also such a challenge with planting. So, we're really looking forward to what the Enlist experience will be like in a more "normal" season, perhaps where growers can even get their seed in the ground a little earlier. We don't expect any big changes with how the system performs, but with one year under our belt, we're excited to see what comes out of this season.

Q

## ANY TIPS FOR GROWERS WHO ARE ABOUT TO PLANT THEIR FIRST ENLIST E3 SOYBEANS?

As you're getting ready for spring, don't forget about the advantages of Enlist herbicides in burndown. A lot of farmers may be considering using a generic 2,4-D for burndown. Don't forget that the inherent near-zero volatility and reduced physical drift of 2,4-D choline in Enlist herbicides isn't only helpful mid-season—it can make your burndown process easier, too. Plus, there's no plant-back restriction with Enlist E3 soybeans. So, you've got a little more flexibility with finding a great day to spray your burndown, and then you can get right out there and plant your Enlist E3 soybeans. It really helps you maximize those spring planting windows.

And I can't stress enough how important it is to use multiple modes of action on your fields. Never spray Enlist One, which is a straight-goods 2,4-D choline, by itself on your fields. Tank-mix it with any of the large number of tank-mix partners you can find on EnlistTankMix.com. Enlist Duo is a conveniently pre-mixed blend of 2,4-D choline and glyphosate for two modes of action.

With any new weed control system, there's a lot to learn, but there's also a lot of help available. Your NuTech sales team is very well-informed, and I'm here to back them up and keep them up-to-date on everything Enlist. You'll also find a brand-new 2020 Product Use Guide and lots of resources on Enlist.com. We want to make sure everyone has what they need to have a really successful second commercial season with Enlist E3 soybeans.





# *Historical, tropical, unforgettable* **Panama!**

*For months,*

*we were gearing up for our annual NuTech Getaway, this time to Panama. It promised to be an exciting and altogether different destination for us, and this trip did not disappoint. If you were with us on the Panama Getaway, I hope this story conjures up the feeling of tropical sun on your face and the taste of the sweet, local pineapple. If you weren't able to make this year's trip, read along and let us encourage you to join us on the next one! Every NuTech Getaway is different, but spending time with NuTech growers is always a great experience.*



**BY KATIE ALLEN** *MARKETING AND SALES SUPPORT SPECIALIST*





## Just us, and just perfect

We arrived at the gorgeous Dreams Playa Bonita Resort on January 11. Our group totaled around 550 people and we had the place to ourselves! It didn't take long to get acclimated to the warm temperatures (perfect for swimming), sandy beaches and attentive service. Each morning, the hotel staff greeted us with the NuTech logo carefully carved into the sand, helping us all feel welcome and special.

The beach at the resort was unlike what you see on most tropical vacations, and very fun to explore. Each afternoon, the tide would go out, revealing an array of beautiful rocks and shells. This very low tide allowed guests to wander far out collecting little treasures from the seafloor and watching the crabs scuttle around. In the distance, we could see ships waiting in long lines to go through the Panama Canal.

There was plenty of fun to be had around the pools and beach all day with games of volleyball and dodgeball, but I think our favorite "watersport" had to be the pool rodeo. If you've joined us on past trips, you know our GM, Brad Damery, takes pride in coming up with events that, let's just say, are very "unique." This year, we hauled along (that's right, we brought them from

home) two inflatable bulls. Riders took turns trying to stay on a bull while the resort staff shook them side-to-side. Mechanical bull riding has nothing on pool bull riding! It was harder than you think...and just as hilarious as you'd expect.

When guests weren't lounging by the pool (or being thrown from an inflatable bull), they explored Old Town Panama.

Old Town, only about 20 minutes from the resort, was a popular destination for shopping during the day and eating out at night. An eclectic area, Old Town featured a mix of homey, local eateries and high-end cuisine. Several establishments featured rooftop bars where you could enjoy the skyline of Panama City. If you squinted, you just might think you were in Chicago.

Other NuTech guests ventured out to additional excursions including the nearby rainforest where they took a tram to the treetops and enjoyed the local flora and fauna.

## Cocktails by the canal

Monday evening's event was a high point for most of us: a chance to see the Panama Canal up close. After watching a short orientation film at the hotel about the history of the Canal,



we boarded buses for the Canal Visitors Center, which had been rented out just for NuTech guests. We enjoyed cocktails while watching the enormous ships come into the locks. In small groups, we were able to venture outside and see the locks in action, as the ships were raised and lowered. The scale of the whole operation was really something to behold. Several of our guests shared with me that seeing the Canal had long been on their "bucket list" and was their favorite part of the trip.



beans is easier. We can definitely rule out growing pineapples on our farm," Dave joked.

Everyone I spoke to agreed the pineapple we tasted at La Dona was by far the sweetest, best-tasting pineapple any of us had ever eaten. It was also a deep golden color on the outside, quite different from the greenish pineapples we get here in the States. It turns out Panama is perfectly positioned for growing pineapples, with just the right latitude to get optimal sunlight for ripening. According to our tour guides, a pineapple farm anywhere in the world could use the same growing techniques, but pineapples in Panama always have a special sweetness just because of the country's placement on the globe. Sadly, these delicious La Dona pineapples are so labor-intensive to grow, and therefore expensive, they haven't yet found a market in American groceries. Ah well—a good reason to come back and visit Panama again!

## Catching up and winding down

Back at the resort, guests also took the time to mingle with each other and the NuTech team, something customer Dave Stutzman really enjoyed. "I liked attending 'Corn and Coffee' in the mornings with Scott Davis and Brad Johnson. That was a good time to get a pulse on the company and learn about future genetics and what hybrids they'll be bringing forward," Dave said. "It's also nice that whenever you're around the pool or resort, you see (leadership) from NuTech. You get to visit with them and they're always interested in what we're doing."

Dave also appreciated the chance to talk with other farmers. With the whole

resort filled with NuTech guests, it was easy to start a conversation. "There's people from all over the Midwest, and you get a really different flavor of what people think and what their experiences have been," Dave said.

"You don't have to talk about farming, but if you want to learn from each other, there's plenty of people who can sharpen

your mind and give you new ideas to try."

Dave captured what we hear every year from NuTech Getaway guests: The best part of the trip is making new friends, catching up with old ones and taking time to unwind and reconnect. "As a farmer, getting away and having time to relax is hard to come by," Dave said. "NuTech always picks really nice places. All you have to do is show up at the airport and everything is taken care of for you. And, of course, if you ever go on one trip and bring your wife," Dave said, "after that, you'll always have to go."

## OUR PANAMA GETAWAY BY THE NUMBERS



**550**  
GUESTS



**28**  
FLIGHTS



**9,900**  
MEALS

## PANAMA CANAL FUN FACTS



**13,000-14,000 SHIPS**  
travel through the Panama Canal every year.<sup>1</sup>



**3 OF EVERY 10 BUSHELS**  
of U.S. exported grain travels through the Panama Canal.<sup>2</sup>



**44% OF U.S. SOYBEAN**  
exports travel through the Canal.<sup>2</sup>



# GRAVEL TRAVELS

*Planting season is busy...let someone else do the cooking! Check out these unique places to eat in NuTech country.*

## DINE AT A LANDMARK

### THE LANDMARK BISTRO

**Grundy Center, IA**  
Submitted by Kyle Strohbehn



Located in downtown Grundy Center, The Landmark Bistro is an award-winning destination. The Landmark's tenderloin was voted Top 5 tenderloins in the State of Iowa by the Iowa Pork Producers. (It's a must try!) Their décor is all based on the history of Grundy Center, with many unique and memorable items. It is not just a Landmark, it is THE destination in Grundy County.



*The legendary Landmark tenderloin*

## LOCAL FAVORITES

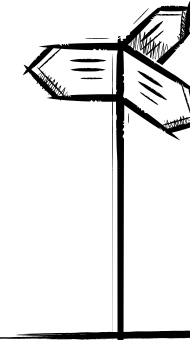
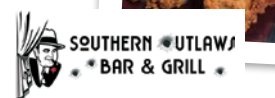


### SOUTHERN OUTLAWS BAR & GRILL

**Harrisburg, IL**  
Submitted by Tyler Vaughn



This restaurant takes its theme from the Prohibition-era Shelton Gang and their bloody feud with rival gangster Black Charlie Harris—a notorious piece of southern Illinois history. One of the Sheltons' well-known hideouts, called Shady Rest, wasn't far from Harrisburg. Tyler likes the place because of its connection to a bit of family lore: "We've been told by my grandpa's older sister that my great-grandpa that farmed actually made moonshine for Carl Shelton to try and make ends meet during Prohibition." Luckily, everything at this restaurant is on the up and up. Southern Outlaws boasts "carefully prepared great food"—rather than fast food—and offers a wide range of fresh menu selections.



## 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](mailto: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.

Get a  
**FREE  
CANDLE!**



ANTIQUE CANDLE CO.

*farmhouse soy candles*



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





# You've got to be fast to keep up with Duane Roland

*NuTech Seed® customer and harness racer*

**"MY BROTHER SAYS** our family is obsessed with racing horses and we just can't quit," says Duane Roland. "I'm 52 and I'm still racing. You can keep doing it as long as you can get in your cart and go."

Duane Roland's family has been into harness racing his whole life. "My parents got their first horse in 1969. My dad had always wanted harness racing to be his hobby."

Roland's dad, a CPA by trade, grew up about a block away from the county fairgrounds in What Cheer, Iowa. There, he would visit the track, watch the harness races and talk to the drivers. It looked like fun. Once Roland's parents got their own farmland, horses soon followed—and so began what would become a bit more than a hobby.

Instead of raising cattle or pigs, the Rolands decided to raise standardbred horses. Today, Duane and his wife, Connie, have anywhere from 85-100 horses on their Grinnell, IA, farm at a time. They also plant corn and soybeans. The Rolands are relatively new to the NuTech family—2020 will be just their third season planting NuTech products—but they've been pleased so far. "We're really happy with our seed salesman, Jason Meyer, and his DSM Dave Beitz. They are fanatics about corn, and that's what I was looking for," Duane says. With good support on the crop-side of his operation, Duane can give plenty of attention to the horses, too.

When it comes to horses, Roland Standardbred Farm is a model of vertical integration: They breed, foal, break, train and race a new crop of horses every year. With a small team of just Duane, Connie and a couple of employees, they train about 30 horses a season.

"We typically race horses until they are two or three years old, then sell them and start with a new group," Duane says. "Iowa is kind of like a 'farm league' for harness racing," he explains. "People on the East Coast will come here to scout talent." Top-performing horses can sell for as much as \$35,000, moving onto careers on year-round harness racing circuits in places like New York and Pennsylvania. Horses will usually run until age 10 before retiring. "The professional harness racers are always looking for new inventory," Duane says.

The business of raising horses is interesting, but it's the racing Duane really loves.



*Roland N Rock (pictured), Duane's winningest horse, was named Iowa Horse of the Year in 2014 and won 60 races, bringing in career earnings of \$650,000.*

## The thrill of the track

Harness racing season in Iowa goes from June to October and, during those five months, Duane will typically run at least 200 races. Races are every weekend and sometimes during the week, and Duane will usually race 8-10 times on race days. But he doesn't seem to ever tire of the competition.

"You've got guys left and right, and you're bumping wheels with the other person and trying to figure out what they're going to do," Duane says. "It's like playing chess with five other people, going 35 mph, for two minutes. Typically, there's one other racer to beat, and the rest are your pawns you can use to your advantage. And you're doing all of this with an animal you've raised, broken, trained—taught it everything it knows. If you can win with that horse, you've produced the horse of your dreams."

***"It's our identity:  
We are Rolands and we  
race horses in Iowa."***

The independence and self-sufficiency of harness racing are definitely part of the appeal for Duane. "You can do it all yourself," he says. "You can train your horse, and as long as you pass the test to drive, you can do that yourself. You don't have to hand over the reins to anyone else. And if you cross the finish line first, you're the winner. It's not up to a judge like in horse shows."

A good racing season will bring about 40 wins and upwards of a quarter-million dollars in purse winnings. Prize money is derived from casino profits and horse betting, and Duane estimates there's about \$1.7 million up for grabs in Iowa each year. Duane has had a lot of successful seasons. "We've got tons of trophies," he says. "But I'd rather win a leather halter for the horses. I could use that!"

## Sharing the enthusiasm

A love of harness racing has definitely infected the extended Roland family. Duane has a brother, a couple of nephews and

cousins who all race. Duane's twin daughters, now in college, aren't racers, but still love coming to the track. "They've been going to the races since they were babies and they know everyone there and all the generations of kids," he says. "They say it's like going to a family reunion every weekend."

Duane loves introducing people to harness racing. He's happy to host visitors to his farm and take them out for rides on their half-mile training track. Duane has given rides to ladies' groups for his mom, and elementary school kids when his daughters were younger. "We show people what we do—you can see the breed mares, the babies." But what really gets people hooked is a



*All five horses running in this race were from the Rolands' farm.*

chance to take the reins. "When you're driving horses that weigh 900-1200 lbs. and feel the power in your hands, you really get a charge out of that."

For those who have never been to a harness race, Duane definitely recommends an afternoon at the track, and emphasizes you don't have to be a big bettor to have a good time. "There are people who will show up with a deck of cards to pass the time, and just bet a buck a race to make it more exciting. Families will come out and park under the shade trees and watch the races. It's a great day."



# DID YOU KNOW?

## Fun facts and trivia about farm life and NuTech growers!

**412**

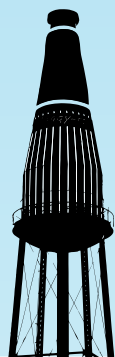
A FARMER WITH A 16-ROW PLANTER, PLANTING 2,000 ACRES, WILL TRAVEL APPROXIMATELY 412 MILES PLANTING THEIR CROP. THAT'S LIKE TRAVELING FROM KANSAS CITY, MO TO DANVILLE, IL— ALL THE WAY ACROSS THE NUTECH GEOGRAPHY!



Special thanks to Mike Schaefer, NuTech Sales Manager, for doing the math on these!

**90,000**

A 2,000-ACRE CORN AND SOYBEAN FARMER WILL USE ABOUT 90,000 GALLONS OF WATER PER YEAR APPLYING HERBICIDES/FUNGICIDES TO THEIR CROP (AT 15 GPA). THAT WOULD ALL BUT DRAIN THE WORLD'S LARGEST CATSUP BOTTLE WATER TOWER IN COLLINSVILLE, IL.



**AG**

AGRICULTURE IS THE SINGLE LARGEST EMPLOYER IN THE WORLD.<sup>1</sup>

**HELP WANTED**

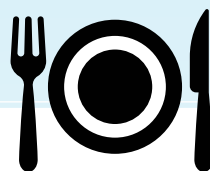
**40%**

40% OF THE WORLD'S POPULATION WORKS IN AG.<sup>1</sup> IN THE U.S., FARMING EMPLOYS MORE THAN 24 MILLION WORKERS.<sup>1</sup>



**150**

THE AVERAGE AMERICAN FARMER GROWS ENOUGH FOOD TO FEED ABOUT 150 PEOPLE. IN 1940, A SINGLE FARMER'S OUTPUT COULD FEED JUST 19 PEOPLE.<sup>1</sup>



**CORN**

CORN IS PRODUCED ON EVERY CONTINENT IN THE WORLD EXCEPT ANTARCTICA.<sup>2</sup>

**SOYBEAN OIL**

THE ELEVATORS IN THE STATUE OF LIBERTY USE HYDRAULIC FUEL MADE WITH SOYBEAN OIL.<sup>3</sup>



**75%**

ABOUT 75% OF ALL THE LAND THAT MAKES UP THE STATE OF ILLINOIS IS DEDICATED TO FARMLAND— THAT'S 27 MILLION ACRES.<sup>4</sup>



**2/3**

ABOUT 2/3 OF NUTECH GROWERS WILL MAINTAIN THEIR SAME AMOUNT OF CORN AND SOYBEAN ACREAGE IN 2020.<sup>5</sup>



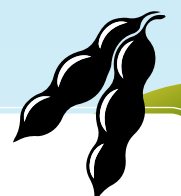
**82%**

82% OF NUTECH CUSTOMERS ARE AT LEAST THE 3RD GENERATION OF FARMERS IN THEIR FAMILIES.<sup>5</sup>



**79%**

79% OF NUTECH CUSTOMERS PLAN TO PLANT ENLIST E3™ SOYBEANS IN 2020.<sup>5</sup> WE LOOK FORWARD TO HEARING HOW THEY PERFORM FOR YOU!



**48%**

ABOUT HALF OF NUTECH GROWERS (48%) TRAVEL 20-39 MILES FROM HOME TO REACH THE FARTHEST ACREAGE ON THEIR FARM. BUT A SPECIAL FEW OF YOU (3%) JOURNEY MORE THAN 75 MILES.<sup>5</sup> THAT'S DEDICATION!





# What are you on the hunt for this spring?

The weather is finally cooperating enough to get out and get hunting. NuTech customers shared what they've been bringing in.



**RICHARD JOHNSON**, Alexander, IL, didn't need to wait until spring for a snow goose roundup.



**BARRETT RANES**, NuTech DSM, shows off his turkey harvest in SEBREE, KY.



NuTech DSM **ZACH HARRYMAN** poses with his harvest during his fourth turkey season in Warren County, IA. The sweet vintage truck in the background belongs to NuTech customer Charley Snuggs.

If you can't hunt game, the next best thing is morel mushrooms! Check out these tasty finds from across NuTech country.



**THE REMMERT FAMILY**, Highland, IL, has enough for a feast.



**BRIAN GARDNER**, Casey, IL, found this gem in the forest.



**RYEAN PHELPS**, Lamoni, IA, shows off a morel as big as his hand.



**BLAIR LUELLEN**, Minburn, IA, thinks maybe some turkey would go well with those mushrooms. Blair loves hunting for both!



NuTech DSM **ROGER FERGASON** and his grandson, Jordan, age 3, went mushroom hunting in Carrollton, MO.



Be part of the NuTech Hunting Club: Watch for more ways to share your hunting experiences with us, and send us your photos.





## Word Scramble Answers

n n l p a t i g planting

w f o l r e flower

e s d e seed

i n a r rain

h s u e n i s n sunshine

w r o g grow

l o s i soil

d n g e a r garden

What do you call a flower that roars?

d a n d e l i o n

**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>.

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](http://www.biotradestatus.com). Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.



Components of LumiGEN™ seed treatments are applied at a Corteva Agriscience™ production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.

**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.



The transgenic soybean event in Enlist E3™ soybeans is jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, L.L.C. Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

Sonic is not registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions.

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Did you know sources:

- <sup>1</sup> <https://aghires.com/30-ways-agriculture-feeds-world/>
- <sup>2</sup> <https://www.campsilos.org/mod3/students/index.shtml>
- <sup>3</sup> <https://www.unitedsoybean.org/article/elevator-fluid-gets-environmental-lift-from-soybean-oil>
- <sup>4</sup> <https://www2.illinois.gov/sites/agr/About/Pages/Facts-About-Illinois-Agriculture.aspx>
- <sup>5</sup> NuTech customer survey 2020.

Panama sources:

- <sup>1</sup> <https://cms.uflib.ufl.edu/pcm/facts.aspx>
- <sup>2</sup> <https://www.unitedsoybean.org/wp-content/uploads/PanamaCanalFactSheets.pdf>





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