

TRIED & TRUE

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FALL 2020

FRATCO

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**THE BART MAXWELL
STORY**

To Tried & True Readers,

Relationships matter. At Fratco, that motto means a lot to our team members. To me, it means everything. After four generations of being in the business, it's safe to say that without genuinely investing in people—building trust and intently listening to our customers' needs—we'd be just another pipe company. After reading our contractor interview with Bart Maxwell, it reaffirmed to me that Fratco is still doing it right after all these years. Bart's journey as an innovator, family man and entrepreneur is inspiring. I hope you'll spend some time learning about his company's history, how the future of Maxwell Farm Drainage is shaping up and his relationship with my dad.

Another bond we're proud to continue is the one Fratco has built with Unitor. This company is a mover and shaker when it comes to making machinery for our industry. I'm proud to announce that not only were we first in line for Unitor's UC 1800 corrugating machine many years ago, we've also added another to our production line. Marrying our technology and innovation with Unitor's top-shelf equipment means Fratco can continue to fill orders to spec faster without sacrificing the quality you depend on. Check out all the details in our Industry News section.

It's safe to say fall has arrived with that familiar chill in the air. Saying goodbye to summer can be hard, yet cooler days in the field are always welcome after a scorching summer, aren't they? No matter the weather, know that Fratco has one thing on our minds: producing the best pipe that you've come to know and count on. Thank you for being a part of the Fratco family.

Enjoy this issue of Tried & True.

Sincerely,



Chris Overmyer
President and CEO

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Locations

- 1** **Francesville Headquarters**
4385 S. 1450 W.
P.O. Box 368
Francesville, IN 47946
- 2** **St. Anne Location**
499 S. Oak St.
St. Anne, IL 60964
- 3** **Mt. Pleasant Location**
1600 W. Washington St.
Mt. Pleasant, IA 52641
- 4** **Algona Location**
2502 E. Poplar St.
Algona, IA 50511



NEWS, EVENTS AND ANNOUNCEMENTS

FRATCO

PRODUCTION SOARS

We've added a second Unicor UC 1800 corrugator to our production line, meaning Fratco's technology, quality and innovation meet Unicor's warp speed pipe production.

To read more about our acquisition and partnership with Unicor, turn to the Industry News section.

FRATCO INDUCTED INTO

THE IMA HALL OF FAME

Fratco was inducted into the Indiana Manufacturing Association's (IMA) Hall of Fame on November 18, 2020 during a virtual event. The IMA Awards celebrate and recognize the achievements and contributions made by manufacturing companies throughout Indiana. Thank you to our hard-working employees and partners who helped make this award possible.



MEET

JACKIE SANCHEZ

SAFETY ADMINISTRATOR &
PLANT ASSISTANT



If you ask Jackie Sanchez what she loves most about working at Fratco, there is no hesitation in her response: “Things are different around here every day. One day? Chaotic. The next? Quiet and calm. I like that,” Sanchez laughs.

Sanchez, who has been with the company at their Francesville location for close to four years, wears two hats: Safety Administrator and Plant Assistant. Two distinct yet complementary positions leave her fielding plenty of responsibilities. “I make sure everyone stays safe and works smart,” she shares. Keeping tabs on the latest OSHA and CDC recommendations regarding COVID-19 added an extra layer of guidelines and policies to a role where safety always remains priority one. **“With COVID, we immediately implemented more cleanliness—washing hands—and required masks to be worn whether working in the plant or meeting with customers.”** Fratco continues to work hard by communicating with employees and contractors on the importance of protecting one another. “It’s important we continually show how much we care by not potentially exposing others or people they love to illness.”

For many, working at Fratco feels like being alongside family. The atmosphere is close-knit and caring. There’s a genuine vibe of wanting to know coworkers on a level that goes deeper than smiling politely and nodding as you pass by. Sanchez teases that sometimes they may be a little too much like siblings. “I hear all the time from new employees, ‘Is that your brother?’ when they

see some of us teasing each other,” she laughs. This connective thread is not something Sanchez has always experienced in the workplace. “It’s different at Fratco. Everyone is easy to talk to, flexible and understanding. They remember the details about your life and family, and when they ask how you’re doing, it’s genuine.”

Sanchez joined Fratco after a career in management and hospitality. She’s thankful for the opportunities Fratco provides employees to move forward in their careers.

“Every company wants to grow and have a vision. Then there are the companies who know that investing in their people is the way to ensure a great corporate future. That’s what you’ll find at Fratco.”

When asked why customers choose Fratco over other companies, Sanchez knows the reason. “I hear over and over from contractors that we make the best pipe,” she proudly affirms. Plant visitors and guests are shocked at the news that their tour guide—Sanchez—has never worked a day on the line yet knows what goes into making every foot of Fratco pipe. **“‘But you’re so full of knowledge!’ they’ll say, surprised. I have to know every detail of what it takes to construct Fratco-quality products because it’s my job to,”** she explains.



Managing Stress

IN THE WORLD OF FARMING

Farmers feed the world. From sunrise to sunset, they care for the land, tend to animals and work hard to maintain what they steward. Pressures can mount when you consider what providing food for the planet means. From readying crops for harvest and keeping livestock healthy to looming drought and wringing hands over commodity prices at the market, these concerns barely scratch the surface of what growers and producers face every day. Is it any wonder that those responsibilities can feel, at times, like carrying 100 yards of pipe alone?

AGRIBUSINESS STRESSORS

Coronavirus, shifts in climate and trade disruptions have not steered clear of agriculture. There is increased uncertainty for many who need to make day-to-day business decisions based on here-and-now facts without a direct link to future events. Farmers and laborers rank number one in stress-related illnesses that cause death such as heart disease, hypertension and nervous disorders. 1-in-4 farmers reported turning to opioids without a prescription, abusing prescription narcotics or labeled themselves as addicted to painkillers. These statistics may not be surprising when considering what many growers contend with on the job. Worn machinery, making payroll and staying technologically current in rural areas meet the human being

with personal concerns. Without a healthy outlet for stress and anxiety, problems can multiply like rabbits.

To say that many factors weigh heavily on the shoulders of those in our line of work—like our Fratco employees, partners, and their customers—is an understatement. **Life is an equal opportunity stress-provider. However, there are ways to manage pressures when professional and personal headaches grow, and it all begins with awareness.**

STRESS AND THE INDUSTRY

Our line of work comes with caution and concern for safety, which can weigh heavily on the mind. The Centers for Disease Control and Prevention reports that agriculture ranks near the top of hazardous industries with 24 out of 100,000

full-time farmers, ranchers and other industry-specific employees experiencing fatality in the workplace, compared to 3.5 work-related deaths for every 100,000 people holding other positions.

In a 2019 interview with Anna Hastert for Iowa Agribusiness Radio Network, Michael Rosmann, a University of Iowa psychologist and fellow farmer, saw a better understanding and acceptance of mental health measures in today's farmer versus those battling economic, political and weather-related woes thirty to forty years prior. "Farmers have a better understanding of stress—what causes pressure on farmers, what the symptoms of stress are—and they are able to talk about these matters more openly than they did in the 1980s," Rosmann said.

We are farther ahead today in recognizing stress, yet it's no secret that rural access to mental health services can be limited at best. Legislation is working to change that. As part of the 2018 Farm Bill, or the Agricultural Improvement Act of 2018, a portion of funds supports the Farm and Ranch Stress Assistance Network. This program addresses concerns by providing collaborative funding and support. It lends a financial hand to new growers, those who are socially disadvantaged and need help launching their agribusiness career, and also to veterans who farm by providing mentorship and grant opportunities. This legislation offers a revamp of programs and dollars to alleviate some stress-induced pain points.

STRESS-OVERLOAD WARNING SIGNS

Knowing stress-related warning signs when they bubble to the surface helps combat the slippery slope of dealing with stress negatively. Warning signs differ from person to person. Extreme changes in mood or personality are vital indicators. Is your happy-go-lucky pal now extremely quiet or missing standing breakfast meetings on Mondays? Once slow to anger, do they now boil over with frustration? Have there been any considerable life changes or problems at home or work that seem to be taking a toll? All questions to consider in context and to the degree they interfere with life.

***Stress excludes
no one.***

Learning to deal with life's hurdles positively and productively means heading off feelings of despair or anxiety before they take over our thoughts, moods—our lives. Living, working and playing are all aspects of ourselves that never equally balance. Sometimes those with the strongest of hands, hearts and souls need someone to confide in without judgement.

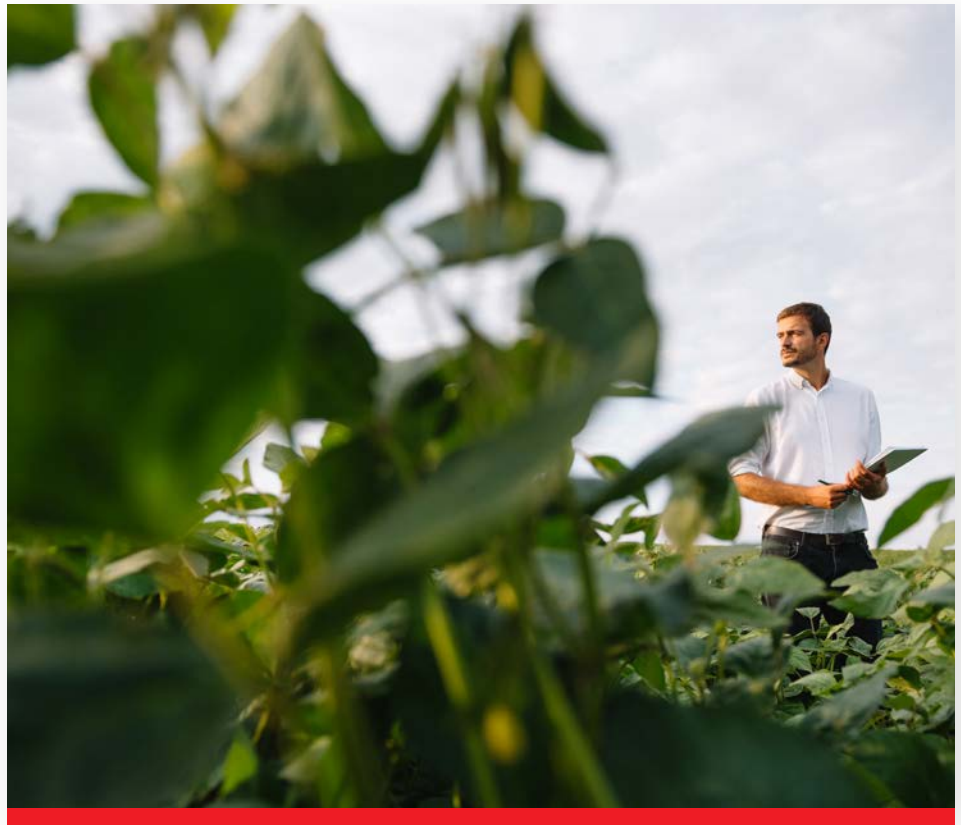
WAYS TO COMBAT STRESS

At Fratco, we want to help you become familiar with ways to manage stress. Having programs, policies and access to help is essential to combat our industry's overwhelming stress levels.

Recognizing alarm-sounding anxiety or worry in others and yourself is the first step. Next is having a quiver of tools and resources to turn to.

As simple as it sounds, sometimes relaxing is as easy as breathing deeply. Take a few moments to breathe in deeply and exhale fully. Be aware of tension in your body then try letting it go. Rather than focusing on what's eroding your peace of mind, remember that you control how you react to challenging times, situations, and people. Concentrate on switching off negative thoughts about yourself or others the moment they begin. Rough patches come just as quickly as they can go. It's all in how you choose to react and bounce back from stressors.

A positive mindset can make all the difference. If work-related worries cause alarm, it's time to sort out what can be controlled and what cannot. Installing pipe is a specific way you can deal with crop health and drainage. Mother Nature works



on her terms, not ours, meaning we cannot control her. Ignoring business complications does not enhance your work. Partnering with others for help and mentorship is taking control of your business. Rather than build up tension and anxiety over work concerns keeping you up at night, reach out to agribusiness resources or extension offices and tap into their expertise.

Challenging times are going to happen. A healthy mindset makes all the difference in moving forward and problem-solving to rise above.

RECOGNIZING STRESS IN OTHERS

Listening quietly and with our full attention is the first step to lending a hand. Be all ears as to what is happening rather than only taking notice to fix issues. Every person and problem is unique, even if the theme of the situation is universal. Unless asked for advice, try not to inject personal stories into the conversation. Empathy is a gift you can give to someone who has opened up about their feelings and struggles. They are trusting you

with vulnerability. In turn, give them your full focus. These conversations can be challenging whether you're listening or opening up about your struggles. No matter how difficult, processing what's causing worry, then making a plan to move forward, is essential.

Fratco wants to help reduce stress-stigma, share resources and shine a spotlight on mental health awareness. If you or someone you know is overwhelmed, you do not have to navigate it alone.

RESOURCES FOR MANAGING STRESS:



MANAGING FARM STRESS

Michigan State University Extension offers mental health and stress management resources geared towards agribusiness owners and employees.
canr.msu.edu/managing_farm_stress



RESILIENT FARMS, FAMILIES, BUSINESSES & COMMUNITIES

The University of Wisconsin-Madison Extension provides stress management resources for those in the industry.
fyi.extension.wisc.edu/farmstress



TRANSFARMATION

Minnesota Department of Agriculture and the Red River Farm Network present radio and podcast series topics centered on coping with stress.
thetransformationproject.org

For immediate and confidential help, please call the National Suicide Prevention Lifeline at 1-800-273-TALK (8255).

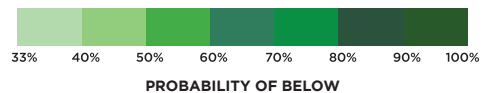
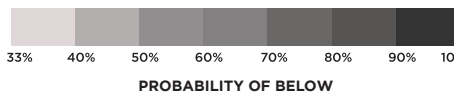
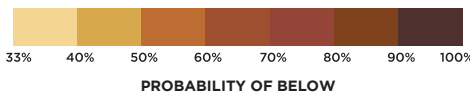
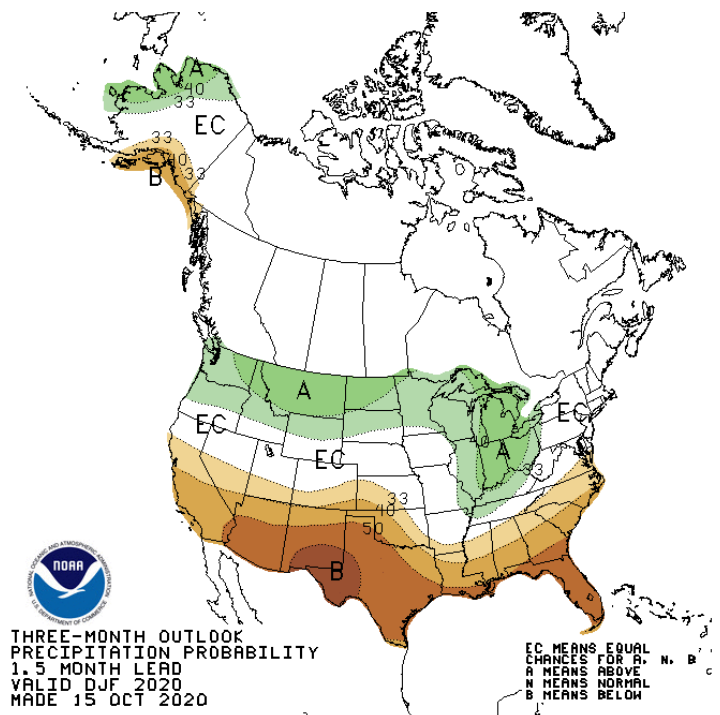
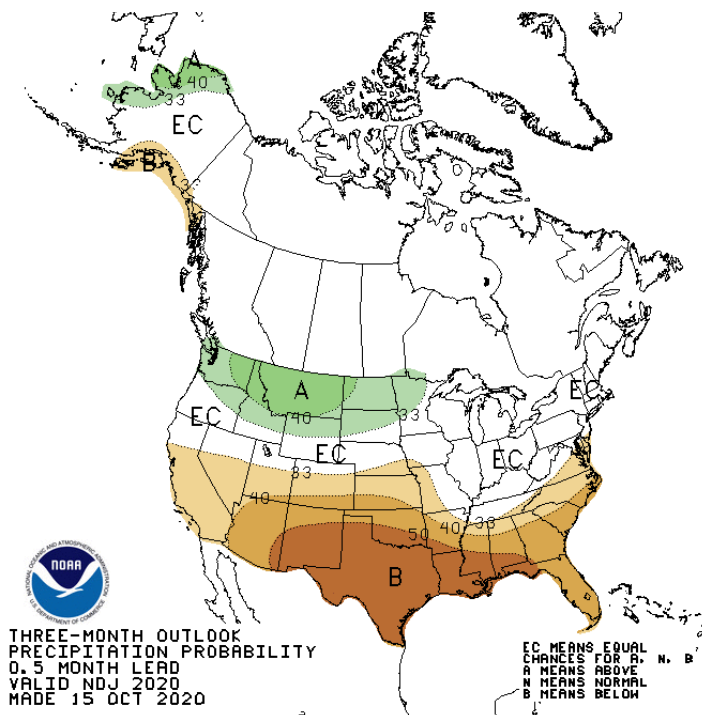
PRECIPITATION OUTLOOK

FROM THE NATIONAL WEATHER SERVICE

2020 - 2021

NOV-DEC

JAN-FEB



Nothing about the future is set in stone, and weather predictions are no exception. But in an industry where thorough preparation is fundamental, having an idea of what lies ahead can be the difference between business as usual and battling rain delays. Always keep an eye on daily and weekly weather outlooks, but also set yourself up for success by planning ahead through seasonal forecasts.

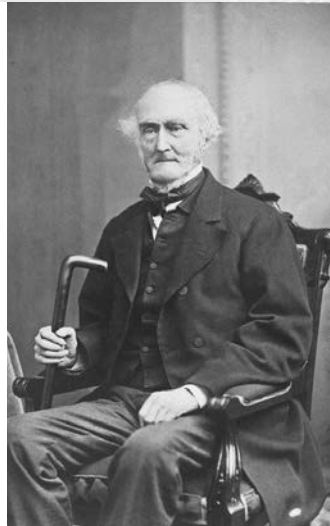
For the latest weather information, visit the National Weather Service's website.

www.noaa.gov

THE HISTORY *of* PIPING IN AMERICA

1821

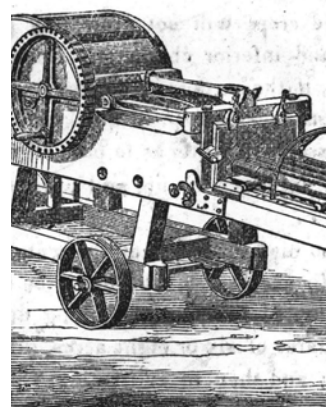
After purchasing farm land in New York, a Scottish immigrant named John Johnston was mocked for his practice of burying “crookery” with his plants. With the last laugh, his land outproduced all other farms in the area. As the man who birthed the American drainage industry, Johnston later imported the groundbreaking, mass-producing Scraggs Patent Tile Machine. Within a few decades, tile production was growing at an exponential rate, revolutionizing the world of drainage.



*Geneva
Historical
Society*

1890

In 1889, hoards of men were digging and placing pipe by hand. The implementation of drainage tile was spreading all over the country at this point, and at a much higher rate. By 1890, James Hill came into the picture with new technology called the Buckeye Traction Ditcher. It would prove to be a quicker, more efficient way of installing drainage.



*Geneva
Historical
Society*

1923

In the mid-20th century, an Indiana man learned of a material that would make drainage more cost-effective and durable. After a trip to Germany, he returned with a new plastic extruder. At this point, E.C. Overmyer's start-up was one of the few manufacturers in the market offering dual-wall pipe with recycled plastics. In 1923, Francesville Brick and Tile Company was born.



2006

Francesville Tile and Brick Company was bought out by grandson of E.C. Overmyer, Chris Overmyer. Gathering the F, R, A, T, C and O out of Francesville Tile and Brick Company, Fratco was born!



2020

It's 2020, and Fratco is now recognized as a leader in the drainage industry. We have five innovative lines of pipe, four locations across the Midwest, three years until our 100th anniversary, two types of pipe-resin and one principle: If it has to be right, it has to be Fratco.



FRATCO ADDS 2ND UNICOR UC 1800 CORRUGATOR

PRODUCTION SOARS!

Fratco is pleased to announce our manufacturing capacity has reached new heights with the addition of a second Unicor UC 1800 corrugator to our production line. Unicor's UC 1800 produces corrugated pipe with an inside diameter between 18" and 60". Adding a second UC 1800 corrugator has helped ramp up fabrication of Fratco's trusted, durable and dependable pipe like never before.

As a "first-mover" in the pipe industry, Fratco places tremendous value on our partnership with Unicor, whose machinery allows us to produce more high quality, large diameter HDPE and PP pipe. "Investing in an additional Unicor UC 1800 corrugator allows Fratco to expand our production capacity

to meet ever-increasing demand efficiently," said Chris Overmyer, President and CEO of Fratco. "Having invested in the first North American UC 1800, and now bringing the tenth machine to the United States to meet increased orders, illustrates our vote of confidence in Unicor's technology."

Unicor, a manufacturing company based in Hassfurt, Germany, develops, manufactures and sells machines ranking among the leading corrugators on the international market. Their partnership with Fratco gives this Midwest-based pipe producer a greater engineering edge in the industry. Unicor's innovative equipment partnered with Fratco's standard of bringing technologically advanced pipe to the marketplace continues to be a mutually beneficial

relationship. In addition to the UC 1800, Fratco recently purchased the first UC 5XX corrugator from Unicor, allowing a new level of throughputs and quality in small diameter, dual-wall pipe.

Leading the industry in HDPE and HDPP corrugated pipe production, Fratco is focused on creating long-term solutions for drainage needs. The attention to detail in every foot of pipe is what customers have come to expect from the brand they trust. Whether clients work in agricultural, commercial or residential drainage, they turn to Fratco products as the time-tested, smart solution for their jobsite.

For up-to-date information on Fratco, visit the News & Events page at fratco.com/about/news-events.



INDUSTRY NEWS

HAVING ACCESS TO UP-TO-DATE INFORMATION IS CRUCIAL FOR UNDERSTANDING HOW THE INDUSTRY EVOLVES.

HERE ARE A FEW KEY NEWS ITEMS AND RECENT DEVELOPMENTS TO HELP YOU STAY INFORMED.

MAJOR TRADE GROUPS SIGN MEMORANDUM OF UNDERSTANDING

The Plastics Pipe Institute, Inc. and the American Society of Plumbing Engineers, two major trade groups in the industry, signed a Memorandum of Understanding (MOU) to acknowledge and spotlight the benefits both organizations bring to the plumbing field.



To learn more about this partnership, visit: plasticpipe.org/building-construction or aspe.org

\$200 BOUNTY OFFERED ON EXHUMED HDPE CONDUIT

The Power & Communications Division of PPI is offering \$200 for exhumed, high-density polyethylene conduit. This is part of an ongoing research project to demonstrate HDPE conduit's performance longevity.



More information is available at: plasticpipe.org/power-comm/pcd-hdpe-sample.html

TECHNICAL DOCUMENT RELEASED FOR INSTALLING PIPE NEAR RECESSED LIGHTING

PPI has published a new, free guide for installation of plastic pressure pipe materials close to recessed lighting. The instructions guide installers on how to protect piping systems from excessive heat through distance, insulation or other means.



To access the installation guide, visit: plasticpipe.org/pdf/tn-56.pdf



BROUGHT TO YOU BY:

PLASTICS
PIPE
INSTITUTE®



THE VOICE OF AN INDUSTRY

Conquering Wide-Open Spaces

BART MAXWELL MAXWELL FARM DRAINAGE

When you consider the storied history of Bart Maxwell's family, the slogan for his hometown of Crawfordsville, Indiana says it all: "Small City...Big Possibilities." Forty-nine miles west of the state capital and home to Wabash College, Crawfordsville was founded in 1832 along the banks of Sugar Creek, a southern tributary of the Wabash River and named for then-U.S. Treasury Secretary William H. Crawford. It's also where you'll find Maxwell Farm Drainage: a Fratco partner that prides itself as a company of value, integrity and relationship building.

Bart is the fourth generation of Maxwell descendants installing pipe in and around Montgomery County. In 1910, his great grandfather, Alexander Maxwell, and Great Uncle Silas began laying clay tile and constructing small bridges. Before Alexander and Silas made a massive machinery investment, all digging was done by shovel with some assistance from a few horses. Back-breaking work not for the faint of heart.

Bart Sr. and his cousin Mike purchased the company in 1965 from three of Alexander's eleven children who maintained the family business: Jack, Birle and Walter. Not long after, Mike was drafted into the Vietnam War, leading Bart Sr. to purchase his shares. When Mike returned, he formed Maxwell Well Drilling in Darlington, Indiana.

"People tease us all the time that Mike finds the water around here, I get rid of it, and that means the Maxwell's are the most powerful family around. We control all the water," Bart Maxwell laughs.

The struggles of farmers in the 1980s due to drought and economic undercurrents carried over into the industries serving them, including Maxwell Farm Drainage. The once-booming company began struggling as customers were consumed with saving their farms—their livelihoods. Bart Sr. regrouped. He chose to run lean and stay conservative with his zest for big business coming to a close. As Bart considers what his

dad may think of where the second oldest Midwestern drainage company stands today, he believes Bart Sr. would be in awe. "In the beginning, when I worked long hours, he would have thought I was crazy. Now? I think he would be extremely proud to see that we're still a family business and going strong."

A 1999 graduate of Wyoming Technical Institute, Bart was eager to traverse wide-open spaces and



Bart Maxwell Sr.



Maxwell Farm Drainage entrance sign

explore the corners of the United States. He took a position traveling the eastern region as a heavy equipment technician repairing massive and challenging equipment. This was just the ticket the Indiana native was looking for. At the age of twenty-four, a phone call changed everything. Bart's father, Bart Sr., died unexpectedly while moving machinery to a job site. The young, grieving man packed up his things and returned home to Crawfordsville.

With an estate to manage and unfinished drainage jobs to complete, customers invested their wisdom into the son who had just lost his father. They convinced Bart to pick up where Bart Sr. left off and lead Maxwell Farm Drainage. Bart's most significant influence during these formative years? Former Fratco

president Steve Overmyer. Their relationship transcended business. "Steve not only sold me pipe, but he was also my first phone call for everything after my dad died. He gave me a feel for the market, when it was really time to upgrade my equipment, if I should hire more people—you name it. He made sure my needs were always met."

The voice on the phone at Fratco has changed over the years with Steve passing the presidential and CEO reins onto his son, Chris Overmyer. Yet the way Fratco cares for their contractors remains. "Chris has done an incredible job growing and innovating the company. Chris and I have a lot in common," Bart muses. "Good upbringings created great foundations in both of us to grow and expand our companies."

And grow as a businessman Bart Maxwell has. Maxwell Farm Drainage has solidified itself as a Midwestern mainstay in the agricultural community. The company found its sweet spot focusing on one client category only: farmers.

"We'll do just about anything to help our agriculture-based clients. That's what we know, what we do best, and those customers understand they are always our top priority," Bart proudly states.

Today's innovation and technology have driven Bart Sr.'s namesake

to expand and invest in new areas of business. With a self-professed love of "tinkering with things," Bart merged his ingenuity and fondness for making things work better with his desire to help pipe installers work smarter. That's how Bart's newest company was born. Maxwell Drainage Innovations, a separate entity from Maxwell Farm Drainage, is the brainchild of Bart and his fabricator and partner, Jarrod Zachary. "We wanted to create attachments for drainage machines that speed up and streamline the installation process. Making it easier for everyone out in the field is what it's all about," Bart shares.

Years ago, fresh out of high school, Jarrod's talent as a welder and fabricator were immediately evident to Bart. "Jarrod and I began building some crazy things on machines. Just for kicks, we uploaded our





videos to YouTube. People watched, commented that they loved what they saw, then started asking if we could build things for them, too." What was first a hobby soon became a cross-country business. This outlet allows Bart to reengage his original passion for working on large equipment. He's returned to traversing the country, helping others and making new friends along the way. "Drainage contractors are kindred spirits. Seeing how they tackle their businesses only makes me better at my profession," he affirms.

Connecting with those in the business—building strong relationships—is just one of the many reasons Bart remains a loyal Fratco contractor and installer. "Although my dad started doing business with Fratco towards the later part of his career, they were with me at the start of mine as I borrowed all the money

a twenty-four year old possibly could and picked up where my father left off." The now seasoned entrepreneur values Fratco's personal touch. It's one of the many reasons he never hesitates to recommend the product.

"You know that every foot of pipe Fratco delivers will always be up to par and meet your specs," Bart states.

As someone who understands what it's like to stand behind your work, Bart knows Fratco cannot be matched. "Other companies make fine products, but there's so much more that goes into choosing what manufacturer you want to work with: knowledgeable sales staff, quality pipe and knowing they make sure it's right when it leaves the factory. Fratco also puts a lot of time and energy into technology and testing. That matters to me and my customers."

Family businesses run on determination, love, patience and a lot of elbow grease. Bart's wife, Joellen, embodies those traits and more. She's an active part of the business and the perfect partner in life for Bart. Daughter Chloe and her mom try to make Bart take a breather now and then, yet Bart admits it's a challenge for them. "We had a family vote recently about buying a boat. The tally was two-to-one. As you

can imagine, I was the no vote," Bart laughs as he recalls being overruled by the women in his life.

If you visit the Maxwell Farm Drainage company website, you'll find an older video of machinery in the field driven by a pro. As the cab door comes into view, a spritely young thing behind the wheel smiles and asks, "How'd I do, Daddy?" This moment will steal your heart because Chloe Maxwell, like the Maxwells before her, is a natural in the field. Currently a freshman at Purdue University studying agricultural business, this future fifth-generation owner of Maxwell Farm Drainage has Bart and Joellen's unwavering support. The wide open spaces of future agricultural opportunity Bart envisions exploring now include working alongside his daughter. Fratco will continue to be there for Bart and Chloe Maxwell, helping them, as we help all of our clients, serve the needs of their customers out in the field.



Chloe Maxwell driving like a pro



DID YOU KNOW?

YOU SHOULD

LOVE DRAINAGE

From ensuring soil is properly aerated to reducing nutrient loss, drainage is essential to your farm's well-being. Without it, there is a chance that standing water could choke your crops and limit their oxygen intake. If you want a batch of high quality healthiness, drainage tile should be a top priority.

TECH IS CHANGING

THE AG GAME

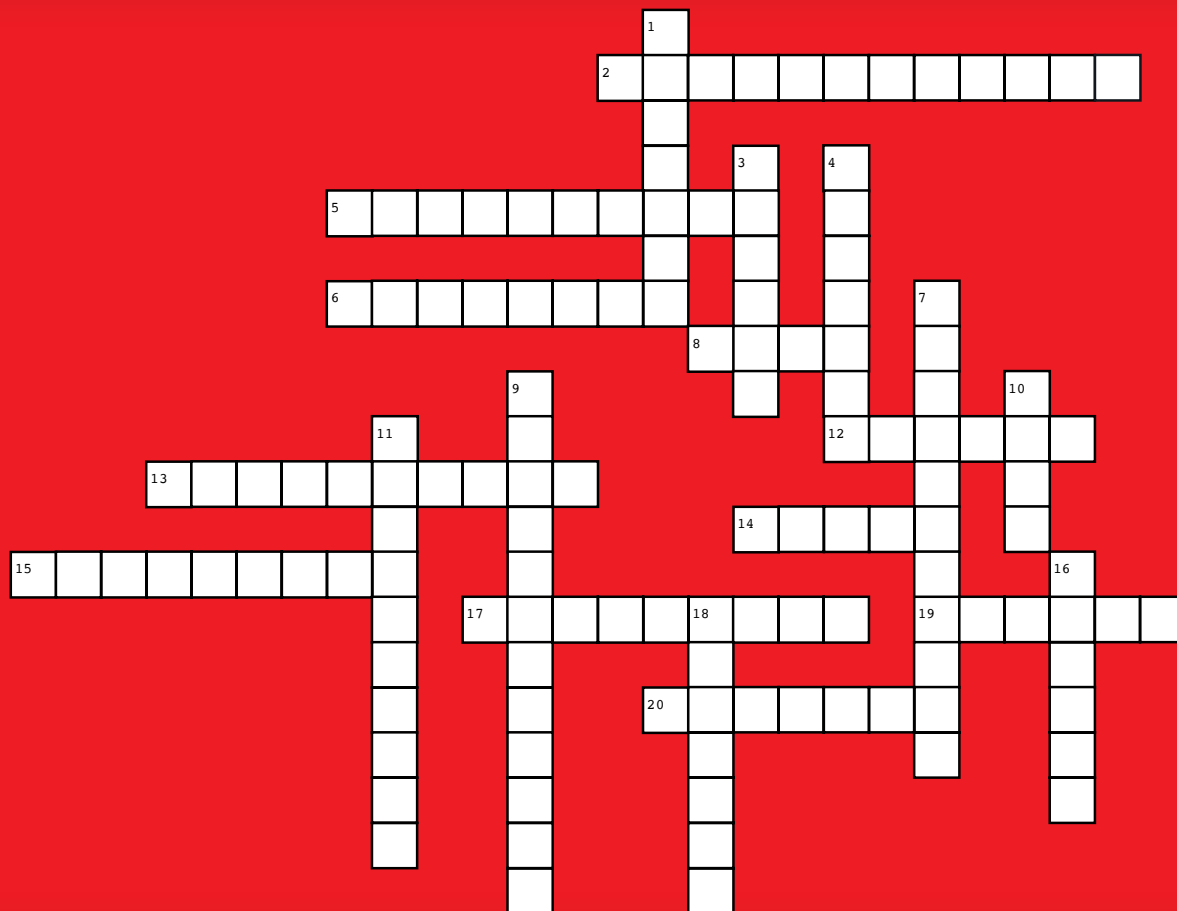
With all the new technology being used in the agriculture industry, crop productivity is at a new high, pesticide use is at a new low, and the runoff of chemicals into rivers and groundwater is decreasing. According to the USDA, the implementation of agricultural technology helps lower prices and grow safer foods in safer conditions. Be on the lookout for new tech and see how it may help your operation.

THE RIGHT TIME TO HARVEST VEGETABLES IS...

when they are halfway to full-growth. At this point, most vegetables have reached their peak of tenderness and flavor. Once ripened, the bounty of green, yellow and red produce will be full of sustenance, ready for market and absolutely delicious.

CROSSWORD PUZZLE

Hey, Fratco friends! It's crossword puzzle time. Fill in the blanks from our industry-themed list. **Enjoy, and best of luck!**



Down:

1. This pipe is engineered for the harshest conditions.
3. The leaders in drainage.
4. It's time to reap what you sow.
7. Underground water that has seeped through layers of soil and bedrock.
9. The combination of agriculture and business.
10. Before pipe was made from plastic, it was originally fabricated from _____.
11. Fratco is a fourth _____ family-owned business.
16. A unit of measurement for products such as grain and fruit.
18. The wearing away of topsoil usually by water or wind.

Across:

2. Fratco's home base of operations.
5. This pipe has a corrugated outside and smooth interior.
6. Flexible dual-wall pipe.
8. A parcel of land containing 4,840 square yards or 43,560 square feet.
12. Single-wall recycled pipe for less-demanding projects.
13. Single-wall pipe that's both durable and flexible.
14. The amount of a crop produced in a given time or place.
15. To improve land by plowing and fertilizing.
17. Important elements or compounds that are essential for plant growth and soil health.
19. A plant that grows from seed, to plant, to flower, then back to seed in one year.
20. This three-in-one machine does it all: reaping, threshing and winnowing.

ACROSS:
2. FRANCESVILLE
5. SMOOTHCORR
6. FLEXCORR
8. ACRE
12. TRUFLO
13. SINGLECORR
14. YIELD
15. CULTIVATE
17. NUTRIENTS
19. ANNUAL
20. COMBINE

DOWN:
1. PROCORR
3. FRATCO
4. HARVEST
7. GROUNDWATER
9. AGRIBUSINESS
10. CLAY
11. GENERATION
16. BUSHSEL
18. EROSION





FRATCO

Fratco

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