# 

THE OFFICIAL 2025 SHOW GUIDE

A SPECIAL SUPPLEMENT TO Michigan Farm News



























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Scan the QR code above for directions to AgroExpo!



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Scan the QR code above for valuable travel information, or visit mdotiboss.state.mi.us/MiDrive.

# CONNECT

# Welcome to the 2025 AgroExpo!

Hello and welcome to the 2025 AgroExpo — where agriculture's bright ideas, bold innovations, and best people come together!

We're thrilled to have you join us! With more than 160 exhibitors, exciting live equipment demonstrations, and a powerhouse Keynote speaker lineup, this year's event is packed with opportunities to help you take your farming operation to the next level.

Make the most of your visit — grab a show guide, plan your stops, and dive in! Explore the exhibitor list, walk the aisles, attend the keynote sessions, and connect with fellow growers and industry leaders ready to share fresh ideas and real-world solutions.

This year's demonstrations are not to be missed. See planter equipment, seed drills, drone sprayers, and seeders in action — and brand new for 2025, live fertigation demonstrations! Plus, the National Education Center for Agricultural Safety will be on-site with farm safety demos focused on PTO and auger safety. A huge thanks to all our demonstration partners for bringing their expertise and energy to the field.

Seed enthusiasts — you're in for a treat! With over 100 soybean varieties and 100 corn hybrids on display, as well as cover crop options, there's something here for every farm and every field. Be sure to visit your seed provider's booth and explore the possibilities.

And let's not forget the equipment! From the latest high-tech innovations to time-tested favorites, the AgroExpo is your chance to get hands-on with the tools and technologies shaping the future of agriculture.

Each morning, head to the speaker tent for inspiring keynote presentations:

- Aug. 12 at 10 AM Aaron Herrmann, Research Agronomist at Precision Planting, presents "Next Level Spraying: How to Get More Out of Your Sprayer Pass."
   Get ready for actionable insights to boost your sprayer's performance and your bottom line.
- Aug. 13 at 10 AM Ashley Hanson, Unmanned Aviation Systems Manager at John Deere, presents "From Sky to Soil: Harnessing Drone Technology in Modern Farming." Discover how cutting-edge drone tech is changing the game for farmers everywhere.

Thanks to the hardworking growers, innovators, and ag advocates like you, the Agro-Expo continues to grow and thrive. We are proud to be one of the largest agricultural trade shows in the region and remain firmly committed to our mission: **Connect. Discover. Innovate. for Farming in Michigan.** 

Thank you for being part of it. Thank you to our incredible industry sponsors, partners, and volunteers. And most of all — thank you for bringing your passion for agriculture to the 2025 AgroExpo.

Enjoy the show!

Marnie niartzendruber

#### MARNIE SWARTZENDRUBER

AgroExpo Event Manager





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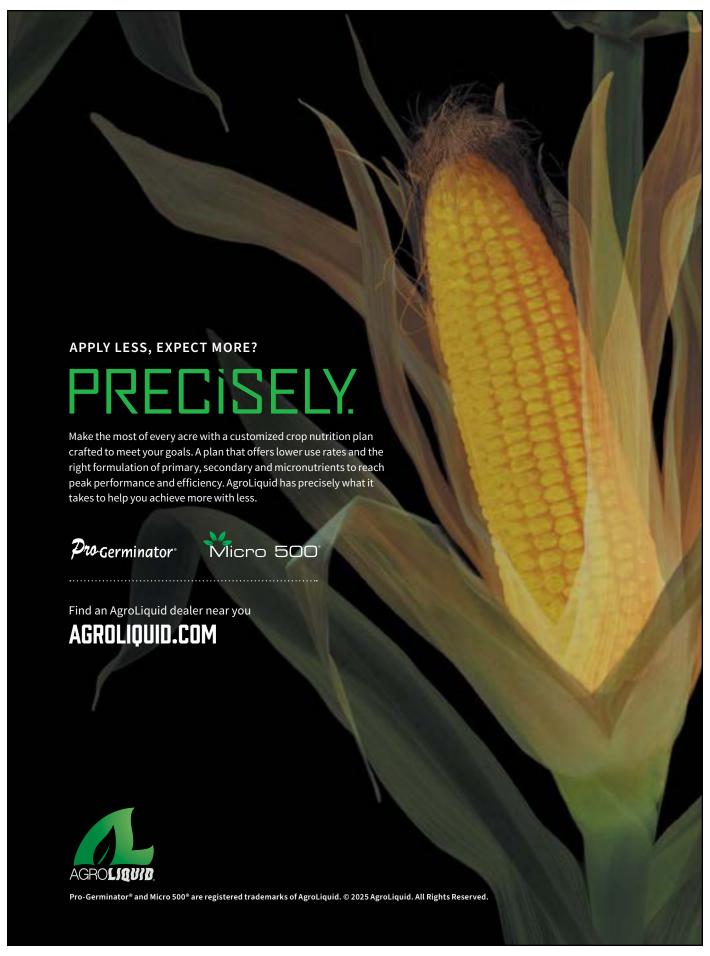
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#### **AGROLIQUID**

## **Committed to Farmers**

#### **AGROLIQUID**

Our commitment to prospering farmers and the agriculture industry spans three generations, four countries and the entire United States. At AgroLiquid, we manufacture plant nutrition products and provide agronomic services to crop operations, both large and small, through a network of more than 200 retail partners.

For more than 40 years, we have been on a mission to engineer the best plant nutrition products while defending plants, the soils they live in, and the environments surrounding them. Our path to get there is understanding how to combine the right type of fertilizer at the right rate for plant needs, during the right time for optimal efficiency, and in the right place where products can do the most good while supporting sustainability goals.

When Douglas Cook and Troy Bancroft started manufacturing AgroLiquid fertilizers by hand in 1983, using 5-gallon buckets, they only dreamed of what the company encompasses today:

- A full line of crop nutrients from boron to zinc, and all primary, secondary and micronutrients in between
- 154 employees
- 57,000-square-foot LEED Gold certified HQ building with a nearlyzero carbon footprint
- 9,500-square-foot facility within HQ dedicated to ag history and exploration
- 6 state-of-the-art manufacturing and distribution facilities with a seventh under construction
- 1,400-acre research farm including tillable ground, greenhouse and lab space

#### **DRIVING INNOVATION**

Our research facility, North Central Research Station (NCRS), is home to the AgroExpo. We have a relentless passion for research and continuous improvement, and are proud to help growers and others in the agriculture community connect, discover and innovate at this annual event.

We develop new products with the added benefit of hands-on research at NCRS. Fertilizer needs vary based on location, climate, soil conditions, crop goals and more. Working in real-life conditions on the farm allows us to take our lab results and study how variables like weather and growing patterns, soil conditions, water distribution, application methods, pest issues and more affect the performance of our products.



We remove the guesswork inherently involved in producing a crop by investing in this research. We not only test our products against other liquid and dry fertilizer products on-site, but we also contract and facilitate research across the country in soils and crops not native to our region. We study a wide variety of crops, fruits and vegetables that our customers grow across our coverage areas.

#### **ADVANCING TECHNOLOGY**

Part of what makes AgroLiquid products safe, efficient and effective is our proprietary technology, Nutriq, which optimizes plant nutrition uptake. Nutriq was developed specifically to protect crop nutrients from tie-up in the soil while allowing better plant utilization. This technology helps ensure a slow and direct release so that nutrients are available when and where plants need them throughout the growing season. This means more nutrients for plants and fewer trips for farmers.

The Nutriq technology ensures nutrients are available when the plant needs them by using specially-formulated, plant-based chelation, encapsulation and complexing. Because this protection is derived from plant sources, it can be broken down over time by soil biology without the worry of adverse effects in soil applications, and can penetrate the leaf cuticle quickly and efficiently in foliar applications.



#### **PROVIDING EXPERTISE**

Armed with the knowledge and confidence achieved through technology growth and extensive research, our agronomists make science-based recommendations to economically optimize yield potential.

Our sales, agronomy and research teams are eager to help customers make the most of every acre by helping craft a customized crop nutrition plan that offers lower use rates and the right formulations of primary, secondary and micronutrients to reach peak performance and efficiency. From seed-safe, in-furrow options to tissue-safe foliar or soil applications, our application flexibility is unrivaled. Compatibility makes applying balanced nutrition easy, laying the foundation for superior crop performance.

AgroLiquid has precisely what it takes to help farmers achieve more with less. The question is not if

AgroLiquid products have a place on an operation – it's where.

Find out more at **AgroLiquid.com.** 







# **Expect More from Case IH and its 2000 Series Early Riser Planter Models**

#### **FARM NEWS MEDIA**

Expect new configurations of the Case IH 2000 series Early Riser planter models, which are designed to help producers achieve a more efficient planting season, at the 2025 AgroExpo.

Janson Equipment Co., with locations in Breckenridge, Charlotte and Reese will be showcasing the 40-foot, 2150s front folding trailing model.

The planter uses vDrive electric drive technology with row-by-row shut-offs, variable rate and curve-compensated spacing, and includes a bulk-fill seed feeding system with two 50-bushel tanks for reliable seed delivery.

The 2150S planter now includes a new frame valve that improves planter lift times for quicker in-field turns. Configurations for 2150s include 23, 24, 31 or 32 rows with 15-inch spacing, or 24 rows with 20-inch spacing.

"The 2000 series Early Riser planter is a perfect complement to any high-efficiency soil management system," Case IH wrote in a statement. "With proper seedbed preparation from using Case IH tillage tools that set your fields for success, you can boost your planter productivity even more."



The Case IH Early Riser planter family has earned its 10th consecutive AE50 award for innovative designs. For 2025, the 2160 48-row 20-inch planter configuration earned an award for its modular tram line system. This system allows growers to configure the planter tram lines in multiple ways to minimize crop damage on subsequent passes across the field.

Other 2000 Early Riser planter series changes include:

- Optional spoked gauge wheels
- Optional notched closing disks

- All planters receive a new high-wear parallel linkage bushing for increased wear life
- All planters come equipped with internal and external opener disk scrapers to reduce soil buildup
- All models include a new vDrive 2.0 motor with streamlined control harness routing
- Premium wing and mainframe tire packages are standard on all 2130 planter configurations

Learn more about Case IH's 2000 series at tinyurl.com/Case-early-plant.

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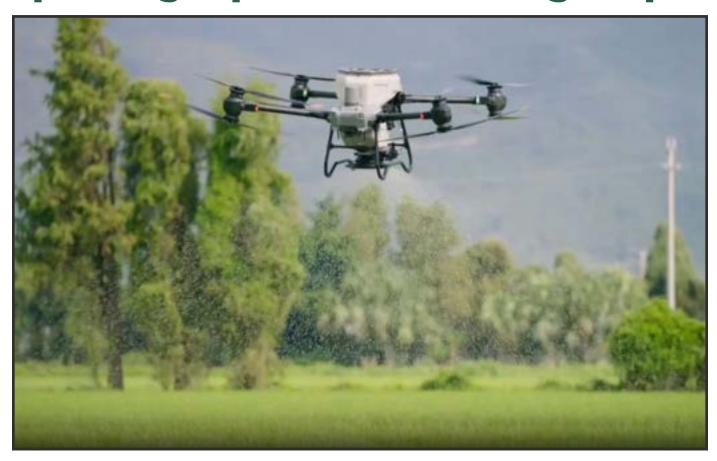




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# AcuSpray to Demo DJI Agras T50 Drone Spreading Capabilities at 2025 AgroExpo



The DJI Agras T50 can carry 110 pounds of dry granules and spread at a flow rate of up to 1.5 tons per hour, allowing for efficient spreading. | Photo by DJI

#### **FARM NEWS MEDIA**

AcuSpray will be once again be bringing the DJI Agras T50 to the AgroExpo field demos. DJI, the world leader in civilian drones and creative camera technology, launched the Agras T50 in April 2024.

Building on the popular Agras drone line, the T50 offers unmatched efficiency for larger-scale growing operations. DJI has also announced the T50 is compatible with the upgraded SmartFarm app which offers powerful features for comprehensive aerial application management.

Blissfield-based AcuSpray, a leader in precision farming technology, specializing in advanced drone technology, offers a range of services including targeted spraying, multispectral imaging, and precise fertilizer application.

AcuSpray was recognized in December 2023 as the Top Precision Farming Solution Provider by Agri-Business Review for their commitment to innovative agricultural solutions and its significant impact on modern farming practices.

In addition to providing drone services, AcuSpray also provides training and sales of drones and kits, including the DJI Agras T50 through an online ordering platform.

The company offers a franchise program, giving entrepreneurs and businesses an opportunity to participate in the drone services market — a market currently estimated at \$3.3 billion dollars with projections to grow 22% by 2032.

In addition to custom designed trailers, AcuSpray's turn-key franchise package also includes comprehensive in-house insurance solutions covering all aspects of asset and liability, along with marketing services.

The DJI Agras T50 will figure prominently in the future of aerial seeding and fertilizer application. Considered the flagship of efficiency and stability to meet the demands of large-scale farming, it comes equipped with a coaxial dual-rotor design and 54-inch propellers.

Easily converted from spraying to spreading configuration, the T50 can carry 110 pounds of dry granules and spread at a flow rate of up to 1.5 tons per hour.

T50 features dual Active Phased Array Radars and binocular vision sensors. These work together to accurately reconstruct the T50's surroundings and detect nearby obstacles, for intelligent obstacle sensing and bypassing, and Terrain Following over slopes.

The T50 is powered by a DB1560 Intelligent Flight Battery, with a capacity of up to 30 Ah and 1500 charge cycles. The D12000iEP Multifunctional Inverter Generator paired with the Air-Cooled Heat Sink provides an impressive rapid 9-minute ultra-fast charging allowing for continuous operations with two batteries.

A new anodic oxidation and acrylic composite coating on core components and crucial load-bearing parts on the T50 provides superior corrosion protection from fertilizers and pesticides, key to durability and reliability.



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#### **HUTSON INC.**

# **Pioneering the Future of Farming**

#### **HUTSON INC.**

Agriculture is undergoing a technological revolution, and Hutson, your trusted John Deere dealership, is leading the charge. At AgroExpo, Hutson will demonstrate why they're not just selling equipment — they're transforming the future of farming through cutting-edge technology that's changing the way farmers work, think, and succeed.

Artificial Intelligence is everywhere now, and that includes the agriculture industry. This cutting-edge technology will be displayed at AgroExpo through See & Spray, Harvest Automation, and the new Autonomous Tractor. This technology intends to help maximize efficiency, reduce operator error, and optimize operations.

# PRECISION AGRICULTURE MEETS INNOVATIVE TECHNOLOGY

Get ready to step into the future of farming at the Hutson booth. Our display will showcase John Deere's most advanced technologies, each designed to address the critical challenges modern farmers face: increasing efficiency, reducing costs, and maximizing crop yields.

## **EXACTSHOT: PRECISION FERTILIZATION REIMAGINED**

Don't miss our showcase of John Deere ExactShot technology, a game-changing system that will revolutionize planting by applying fertilizer precisely where each seed is planted. While traditional methods waste significant amounts of fertilizer, ExactShot ensures that every drop counts. Farmers who visit our booth will learn how this technology can reduce fertilizer usage by up to 60%, translating to substantial cost savings and environmental benefits.

"It's not just about saving money," said Kevin Shelle, a director of Precision Technology at Hutson. "It's about creating a more sustainable approach to farming that maximizes each seed's potential while minimizing environmental impact."

Come experience ExactShot in action during the show's live infield demonstrations that take place daily and start to think differently about how you apply fertilizer.

## SEE & SPRAY: PRECISION WEED MANAGEMENT

Prepare to be amazed by the John Deere See & Spray technology, which represents a quantum leap in crop management. Using advanced machine learning and computer vision, this system can



distinguish between crops and weeds with unprecedented accuracy. Instead of broadcast spraying entire fields, See & Spray will target only the weeds, reducing herbicide usage by up to 77%.

This isn't just a technological marvel
— it's a practical solution to rising input
costs and environmental concerns.

# AUTONOMOUS TRACTORS: THE FUTURE IS NOW

Get an exclusive look at John Deere's autonomous tractor technology — a display that will be the talk of the expo. These self-driving machines represent a paradigm shift in agricultural operations. Equipped with advanced sensors and AI, these tractors can operate with minimal human intervention, performing several different tillage tasks with remarkable precision.

"The labor shortage in agriculture is real," Shelle said. "Our autonomous solutions aren't about replacing farmers — they're about empowering them to do more with less, to make strategic decisions while technology handles the repetitive tasks."

## HARVEST AUTOMATION: MAXIMIZING EFFICIENCY

We'll also showcase John Deere's harvest automation technology. These systems will optimize harvesting processes, ensuring crops are collected at the perfect time with minimal loss. Harvest Settings Automation and Speed Automation take the guess work out of machine optimization and productivity. Integrated sensors and real-time data analysis will help farmers make critical decisions about when and how to harvest, maximizing both yield and quality.

#### MORE THAN TECHNOLOGY: A PARTNERSHIP APPROACH

What will set Hutson apart at AgroExpo isn't just the impressive technology—it's our commitment to farmer education and support. Each demonstration will be accompanied by personalized consultations, helping farmers understand how these technologies can be integrated into their specific operations.

In addition to these demonstrations, our team will also be hosting training clinics on sprayer technology with the opportunity to earn RUP credits for operators. These sessions will be hosted on both days of the Expo at our booth. Visit our website or social media to learn more!

"We're not just selling equipment," Shelle added. "We're providing solutions. Our team is dedicated to helping farmers navigate this technological transformation, offering training, support, and ongoing guidance."

#### THE FUTURE OF FARMING IS HERE

As agricultural challenges become more complex, technologies like those we'll showcase offer more than just incremental improvements — they represent a fundamental reimagining of farming practices.

For farmers looking to stay competitive, increase efficiency, and embrace sustainable practices, the message is clear: The future of farming is technological, and Hutson is your partner in this exciting journey.

Join us at the AgroExpo, and discover how these innovative technologies can transform your agricultural operations. Visit the Hutson John Deere dealership booth — where the future of farming comes to life!

#### FLYING ACRES AG LLC

## **Your Full-service Agriculture Drone Partner**



#### **FLYING ACRES AG**

At Flying Acres Ag, we're proud to be your trusted resource for modern agriculture drone technology. We're not just a dealership — we're a dedicated partner in helping producers transition into smarter, more efficient farming. Based in Six Lakes, Michigan, we serve growers, custom applicators, and ag professionals across Central Michigan and beyond.

As a full-service ag drone dealership, we specialize in industry-leading drone platforms from DJI and XAG, offering a full suite of services including drone sales, service, repair, support, FAA licensing assistance, live demos, and a fully stocked parts department and online store.

#### REAL FARMERS. REAL SOLUTIONS.

What makes us different? We bring real ag experience to the drone world. Owners Bryan and Kaitlynn Hammis have a combined 25-plus years in agriculture, working directly in row crops, custom application, livestock operations, agribusiness, and precision ag systems.

We know what it takes to keep an operation running efficiently — because we've lived it. That's why our mission is to bridge the gap between traditional agriculture and modern drone technology, helping customers move confidently into this new chapter of precision farming.

"Technology is moving fast — but that doesn't mean it has to be overwhelming," said Bryan Hammis, owner of Flying Acres Ag.

"We're here to help you harness the

power and precision of these drones and turn them into real-world tools that boost productivity and reduce costs."

#### **WHAT WE OFFER**

Whether you're managing 100 acres or 10,000, Flying Acres Ag is your go-to source for aerial ag solutions.

Our offerings include:

- DJI & XAG drone sales: Including the DJI Agras series as well as the Mavic 3M Multispectral, XAG P-Series and other top-tier models used for spraying, seeding, and crop monitoring.
- Licensed drone technicians: We provide in-house diagnostics and repair services, ensuring your machine stays ready for the field.
- FAA Part 107 licensing support: New to drones? We'll help you understand FAA requirements and support your journey to becoming certified.
- Field demos: Curious about what drones can really do? We offer hands-on demos to show you exactly how drone operations work in real farm settings.
- Drone onboarding, support:
   We don't just sell you a drone and send you out the door. We guide you through hands-on setup, flight operation, and system care ensuring you're fully prepared to use your equipment with confidence.
- Online parts store: Need a pump, propeller, or spray nozzle? Our online store at flyingacresag.com makes it easy to get what you need, fast.

 Custom ag drone solutions: We work with operations of all sizes to build drone packages that meet your exact needs.

#### WHY DRONES? WHY NOW?

Agricultural drones are no longer futuristic. They're working tools — already saving time, reducing chemical use, cutting fuel costs, and improving yields. Whether you want to spray with accuracy, apply cover crops aerially, or monitor plant health, drones offer a level of efficiency and flexibility.

## SERVING THE FUTURE OF FARMING, TODAY

At Flying Acres Ag, we understand that adopting new tools can feel daunting — but you don't have to figure it out alone. We are here to walk beside you from your first question to your first application and beyond.

When you work with us, you're not just buying equipment — you're building a relationship with professionals who genuinely care about your success.

# DRONES DESIGNED FOR THE FIELD. SUPPORT DESIGNED FOR YOU.

Whether you're looking to spray smarter, seed faster, or scout more accurately, Flying Acres Ag is ready to help you take flight. We'll match you with the right equipment, walk you through every step of the process, and stand behind you the entire way.

Let's take your farm to new heights — together.



Located in Six Lakes, Michigan, Flying Acres Ag, LLC is a certified agricultural drone dealership helping farmers and applicators take advantage of cutting-edge drone technology. From improving precision to boosting efficiency and sustainability, we provide the tools and support to bring drone solutions to your operation.

# Farm Depot Showcasing the Pottinger Terrasem Drill at AgroExpo Field Demos

#### **FARM NEWS MEDIA**

Planters, drills and drones will be featured at the 2025 AgroExpo field demos, giving visitors a chance to see competing brands and models running side-by-side.

Farm Depot, with locations in Caro, lonia and Schoolcraft, will be bringing the Pottinger Terrasem V8000D, according to Farm Depot's Tom Reisbig, giving many attendees their first opportunity to see the drill in action.

With a 26' working width, the Pottinger V8000D is one of six drills offered in the Terrasem series ranging in working widths from 10' to 30' but still providing transport widths of just under 10' across the entire series.

According to Reisbig, the Terrasem drills can be custom-equipped to handle all site-specific conditions, noting the disc harrow as the leading tillage tool make the seed drills ideal for mulch drilling.

Available with WAVE DISC's as an option for loosening the soil, the CLASSIC version without tillage tools is impressively smooth running on prepared seedbeds. With their large working widths, high operating speeds are possible with the best positioning accuracy.

A new configuration of all tillage tools ensures that the machine works efficiently and 100% in a straight line. The disc harrow as well as the fertilizer coulters (D Z-machine) and DUAL DISC seed coulters are mounted in an X configuration.

And, there is no need to grease the tillage tools since they're mounted on sealed bearings.

## METERING WITH THE HIGHEST PRECISION

The metering systems are designed for the highest possible precision and ensure that exactly the right amount of any given seed type is used. The TERRASEM V 8000 D and TERRASEM V 9000 D come standard equipped with two metering systems with a seed hopper capacity of 158 bushels.

A wide range of seeding and flow rates of 3.3 lbs to 926 pounds at 7.5 mph are possible and can easily be adjusted on these machines without leaving the tractor seat.

#### **MULTIPLE SOWING OPTIONS**

Single shoot, double shoot and double shoot-mix are the key to perfect emergence. Optimized to specific conditions and crop rotations, it is possible to vary



between the application of seed, seed with fertilizer, two different mixtures of seed, or additional components such as microgranules or a companion crop using the TERRASEM Z models with FERTIL-IZER feature.

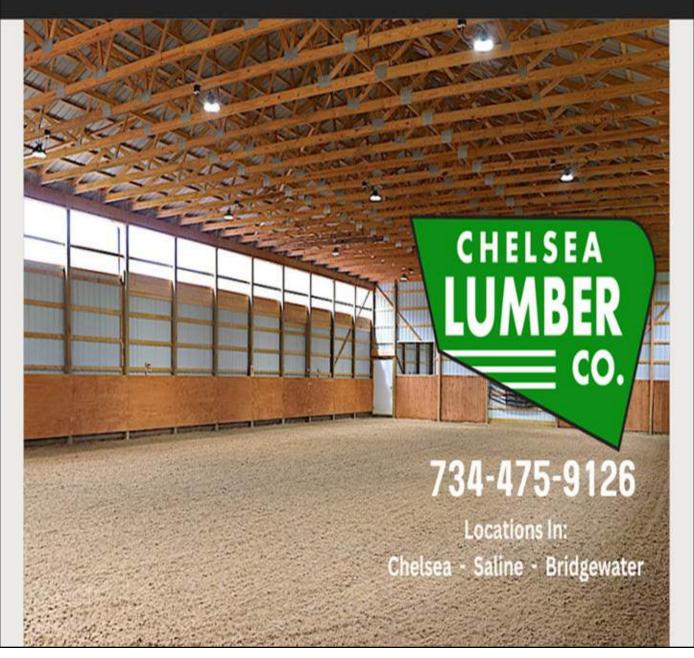
Reisbig said the third generation

Terrasem universal seed drill technology from Pottinger is designed to increase productivity and deliver impressive performance with universal metering and a perfect coulter system to guarantee exact seed placement providing optimum sowing for the best seed emergence.



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## **Fendt Momentum Planters Featured in Demos**

#### **FARM NEWS MEDIA**

Fendt Momentum planters — you may have read or heard about them.

But have you ever seen one in action? If not, you're in luck!

Farm Depot, with locations in Caro, lonia and Schoolcraft, will be bringing a 24-row unit to the 2025 AgroExpo field demos focusing on planters, drills and drone this year.

First introduced to the North American market in 2020, Farm Depot's Tom Reisbig said although the company is a relative new player in the planter business, the Fendt Momentum planter series offers a host of advanced features.

Designed from the ground up to provide optimal seed depth and spacing, regardless of variations in soil moisture or type, residue levels, terrain or operating speed, the Momentum has set a new standard for seed placement.

Momentum planters come standard with integrated Precision Planting features including vSet Metering, vDrive, DeltaForce, Conceal, and the 20/20 Gen3 SeedSense monitor system for real-time control of planter functions and individual row unit performance allowing operators to seed



precisely, maintain depth, avoid compaction and troubleshoot mechanical problems.

With its innovative Vertical Contouring Toolbar, Momentum can follow the topography of your terrain, providing 52 inches of vertical planting range. Its exclusive SmartFrame technology puts each row unit in the best possible position for

row cleaning, downforce, furrow creation, seed placement and closing.

With the addition of the 30' model, Fendt's award-winning Momentum planters are now offered in 30' to 60' machines with liquid and dry fertilizer systems, offering row-width options of 30", 22", 20" and 15" configurations.

"We've worked hard to expand our product lineup here in North America, and we're excited to bring greater flexibility to farmers with the Momentum planter line," said Arthur Santos, marketing manager for Fendt planters at AGCO.

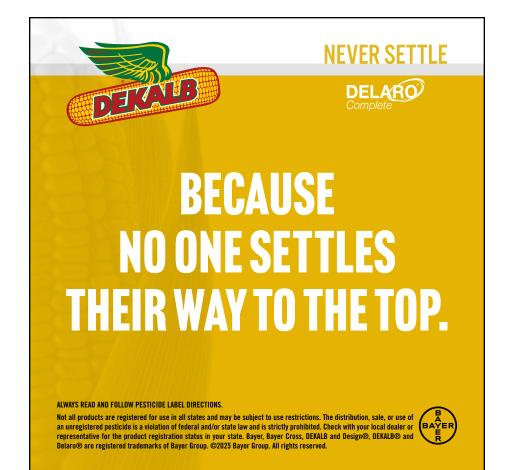
The Fendt Momentum planters provide high capacity for seed and fertilizer, with the 30' unit rated at 100 bushels of seed and up to 800 gallons of liquid fertilizer, while the 60' unit is rated at 130 bushel of seed and up to 1,000 gallons of liquid fertilizer.

Fendt's Load Logic weight management system relies on "Smart Spindles" that continuously measure weight and load on tires, activating "Smart Cylinders" to automatically balance weight across the frame while also automatically adjusting tire pressure to minimizes soil compaction.

And, an in-line tandem wheel design paired with wide Very-High Flexion (VF) tires provide the flotation advantage of tracks with the high road speed of tires help to eliminate pinch rows yield losses.

The Momentum planter, designed by a global engineering team and manufactured in Beloit, Kansas, is covered by Fendt's Gold Star Customer Care Program, which includes a full three-year warranty with no deductible and annual postseason inspections.

To learn more, go to **Fendt.com** or visit your local Fendt dealer.





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Discount given as a line item discount on the customer invoice at the point of sale. Offer applies to eligible products purchased from participating Case IH dealers. See your participating Case IH dealer for details and eligibility requirements. Offer is nontransferable. Offer subject to change or cancellation by CNH Industrial at its discretion.

\*Offer applies to eligible products purchased between 7/1/2025 and 8/31/2025.

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# Janson Equipment Recommends FieldOps for Every Farming Operation

#### JANSON EQUIPMENT

At Janson Equipment, we've proudly supported growers across Michigan with trusted Case IH machinery and service for years. As agriculture evolves, so do the tools that help farmers stay productive, profitable, and ahead of the curve. That's why we're excited to recommend Case IH FieldOps — a powerful, easy-to-use farm data management platform designed to help you gain better insight and control over every aspect of your operation.

Whether you're running red or managing a mixed fleet, FieldOps brings all your machinery and agronomic data into one convenient digital hub — accessible anytime, anywhere. As your local Case IH dealer, we see firsthand how FieldOps is transforming the way our customers manage their fields, their equipment, and their day-to-day decisions.

## REAL-TIME MONITORING AND REMOTE SUPPORT

One of FieldOps' most valuable features is real-time machine monitoring. You will know exactly where your equipment is and what it's doing, minute by minute. Whether you're coordinating a fleet during harvest or checking up on spraying progress, FieldOps gives you full operational awareness, right from your phone or computer.

Another feature of FieldOps is its Remote Display View. Linked to your in-cab AFS Pro 1200 display, it allows both you and, with your permission, our Janson Equipment support team to view what your operator is seeing in the cab. This means we can offer immediate guidance, help troubleshoot an issue, or optimize a machine's performance, without waiting for a service call or a visit to the field.

## SMARTER DECISIONS WITH BETTER DATA

FieldOps isn't just about tracking machines, it's about understanding how your operation runs so you can make smarter decisions. With agronomic data automatically collected from your equipment, you can generate detailed planting and harvest maps, analyze seed variety performance, and fine-tune input applications.

Speaking of inputs, FieldOps also simplifies input tracking. Manage inventory levels for seed, fertilizer, and chemical across your operation, and generate reports to assess ROI on every input. This level of visibility is especially helpful at tax time, offering a clear view of product use and costs in one centralized place.





#### SIMPLIFIED FIELD MANAGEMENT

Drawing field boundaries used to be a time-consuming task. FieldOps now uses Al-powered tools to help you create accurate exterior boundaries using satellite imagery, saving time and improving precision.

And when it's time to collaborate, sharing data with your agronomists, crop consultants, or other trusted partners is seamless. You can securely transmit prescriptions, guidance lines, or field maps directly through the platform — no USB sticks, no delays.

#### **NO EXTRA SUBSCRIPTION FEES**

Unlike many other platforms, FieldOps includes lifetime connectivity on most machines in our product line. That means you're not locked into costly subscription renewals — connect once, and you're good to go.

## PRACTICAL INSIGHTS FROM THE CAB TO THE OFFICE

With the Insights Dashboard and Report Builder, you get a full suite of tools to evaluate both machine and field

performance. From fuel usage and engine hours to yield tracking and operational metrics, FieldOps gives you the clarity you need to make informed decisions, reduce downtime, and improve profitability.

# WHY CHOOSE FIELDOPS THROUGH JANSON?

As your local Case IH dealer, we're here to help you get the most out of your technology investment. We're not just here to sell machines—we're your partner in the field. With FieldOps, we can stay connected to your operation all season long, offering remote diagnostics, proactive service, and advice tailored to your specific needs.

Getting started with FieldOps is easy, and we'll walk you through every step — from setup to full implementation. Our goal is to help you simplify your data, reduce your stress, and boost your bottom line.

Ready to unlock the full potential of your farm operation? Visit us at our booth or stop by one of our locations to learn how FieldOps and Janson Equipment can work for you.



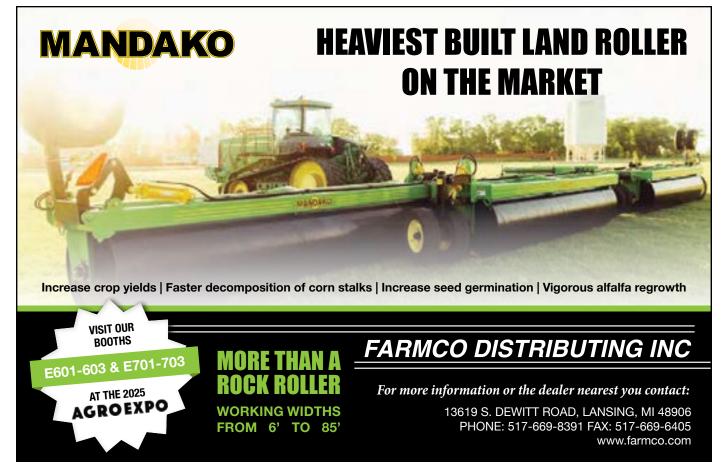
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# Flying Acres Ag, a Certified Ag Drone Dealership, will Showcase DJI Agras T50

#### **FARM NEWS MEDIA**

Planters, drills and drones will be featured at the 2025 AgroExpo field demos, giving visitors a chance to see competing brands and models running side-by-side.

Included in the lineup for 2025 is Remusbased Flying Acres Ag LLC bringing the DJI Agras T50 to the field demos showcasing the drone's spraying capabilities and features.

Flying Acres Ag, LLC, co-founded by husband and wife Bryan and Kaitlynn Hammis, provides a one-stop-shop for agricultural drone needs, from start to finish, including sales, parts, service, training and licensing assistance safe and legal drone operations.

After years of operating their own aerial drone application company, the two decided to open a certified agriculture drone dealership for their customers and surrounding agriculture communities.

The company will be demonstrating the spraying capabilities of DJI's newest released drone, the Agras T50, featuring top of the line agricultural drone technology, superseding the hugely successful DJI Agras T40 drone with improved safety and overall efficiency.



Offering unmatched efficiency for larger-scale growing operations, DJI's Agras T50 is the flagship of efficiency and stability, born from a deep understanding of the demands of large-scale farming.

It inherits a coaxial dual-rotor design and 54-inch propellers for next-level stability, even when carrying 88-pound payloads for spray applications, capable of spraying up to 50 acres per hour in field applications, and nearly 10 acres per hour in orchard applications.

The T50's dual atomization spraying system, with an increased flow rate of up to 4.25 gallons per minute with two sprinklers and adjustable-sized spray droplets, is ideal for a variety of applications, from fields to orchards.

T50 can be equipped with an additional pair of optional centrifugal sprinklers, increasing the flow rate to 6.3 gallons per minute for spray tasks like orchard spraying that require a higher flow rate to penetrate dense canopies and treat the fronts and backs of leaves.

The drones also features dual Active Phased Array Radars and binocular vision sensors, working together to accurately reconstruct the T50's surroundings and detect nearby obstacles, for intelligent obstacle sensing and bypassing, and terrain following over slopes.

Equipped with an upgraded four-antenna O3 transmission system extends the T50's remote controller-drone connection up to 1.25 miles. For operations over mountains and other complex environments, users can deploy a DJI Relay to extend transmission range and stability even further for improved operation safety.

This combination of power, precision, and versatility sets T50 apart as a top choice in agricultural drones, designed to meet the evolving spray application needs of modern farming.

The DJI T50 is powered by a DB1560 Intelligent Flight Battery, with a capacity of up to 30 Ah and 1500 charge cycles. The D12000iEP Multifunctional Inverter Generator paired with the Air-Cooled Heat Sink enables 9-minutes fast charging, allowing for continuous operations with a pair of batteries.



# Tuesday, August 12 | 10-11 AM

# **NEXT LEVEL SPRAYING: How to Get More Out of Your Sprayer Pass**

With input costs rising and margins tight, maximizing every pass across the field is crucial — especially when it comes to spraying. The sprayer pass is more than just applying chemicals; it's a key opportunity to enhance efficiency, minimize waste, and increase your return on investment. By taking a closer look at equipment performance, application accuracy, and in-field conditions, growers can uncover ways to make each sprayer pass more effective. From nozzle selection to speed and pressure settings, minor adjustments can lead to significant savings. In this keynote, we'll explore practical strategies and insights to help you take your sprayer performance to the next level — and ultimately get more out of every acre.



Precision Planting®

# WITH PRECISION PLANTING'S AARON HERRMANN



Aaron Herrmann grew up on a family farm in Central Illinois, where he developed a deep appreciation for agriculture and a strong commitment to understanding the challenges farmers face. Over the past eight years, he has focused on researching and

developing practical solutions to help farmers operate more efficiently and effectively.

Currently, Herrmann applies his expertise to identifying issues specific to sprayer operations. He works to uncover opportunities for improving the sprayer pass, aiming to enhance performance and reduce chemical costs for farmers. His work bridges the gap between real-world

farming needs and innovative, field-tested solutions.



### Wednesday, August 13 | 10-11 AM

# FROM SKY TO SOIL: Harnessing Drone Technology in Modern Farming

Come explore the current and future technologies of drones, examine the benefits and drawbacks of these advancements, and understand their pivotal role in data collection and precision fertilization. Additionally, we will discuss key considerations for integrating drones into your farming operations. Armed with this knowledge, you will be empowered to determine how drones can optimize and elevate your current farming operations.

# JOHN DEERE

# WITH JOHN DEERE'S ASHLEY HANSON



Ashley Hanson is the Unmanned Aviation Systems (UAS) Manager at John Deere, overseeing global UAS operations, training, and policy development. She leads the acquisition of advanced UAV technology, identifies innovative applications, and serves as the primary remote pilot for critical missions.

Previously, Hanson worked as a product engineer at John Deere Intelligent Solutions Group, specializing in UAV-based field research and user experience. She also contributed to Amazon Prime Air's flight test team and has hands-on experience in production agriculture. Hanson holds a B.S. and M.S. in Unmanned Systems from Embry-Riddle Aeronautical University and is an FAA-certified private pilot and remote pilot.

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AUG. 11-12, 2026 ST. JOHNS, MI CELEBRATING OUR 10<sup>TH</sup> ANNUAL SHOW

SCHEDULE	Tuesday, August 12	
8:30 AM	Show Opens - National Anthem	Barn 3
8:30 AM - 3:30 PM	Crop Health Diagnostic Clinic MSU EXTENSION	Booth E605
9 - 9:30 AM	Farm Safety PTO/Auger Demo	Booth E614
	Irrigation Demo	Booth E1403
9:30 - 10 AM	Drone Demos	Demo 2 – South
10 - 10:30 AM	Irrigation Demo	Booth E1403
10 - 11 AM	Keynote Speaker  AARON HERRMANN, PRECISION PLANTING	Speaker Tent
10 AM - 12:30 PM	Spray Clinic HUTSON INC., RUP CREDITS AVAILABLE	Booth E1414
11 - 11:30 AM	Farm Safety PTO/Auger Demo	Booth E614
	Irrigation Demo	Booth E1403
11 - 11:45 AM	Succession & Estate Planning FRALEIGH LAW	Indoor Booths 9-10
11:15 - 11:45 AM	Conservation Drainage Demo MSU EXTENSION	Booth E605
11:30 - 11:45 AM	Thermal Drone Fly Over M&W SEEDS	Show Grounds
11:30 AM - 1:30 PM	Duke 94.1 On-site	Food Vendors
1 - 1:30 PM	Farm Safety PTO/Auger Demo	Booth E614
	Irrigation Demo	Booth E1403
1:15 - 1:45 PM	Conservation Drainage Demo MSU EXTENSION	Booth E605
1:30 - 2 PM	Planter & Seed Drill Demos	Demo 1 – North
1:30 - 2:15 PM	Wind & Solar Contracts FRALEIGH LAW	Indoor Booths 9-10
2 - 2:30 PM	Drone Demos	Demo 2 – South
2:30 - 3 PM	Farm Safety PTO/Auger Demo	Booth E614
3 - 3:30 PM	Irrigation Demo	Booth E1403
4 PM	Show Closes	

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	Irrigation Demo	Booth E1403
9 AM - 12 PM	FFA Tractor Driving Contest	Booth E103
9:15 - 9:45 AM	Conservation Drainage Demo MSU EXTENSION	Booth E605
9:30 - 10 AM	Drone Demos	Demo 2 – South
10 - 10:30 AM	Irrigation Demo	Booth E1403
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	Irrigation Demo	Booth E1403
2:30 - 3 PM	Farm Safety PTO/Auger Demo	Booth E614
3 PM	Show Closes	



# Iron Circle Services Sets the Standard

Our number one priority is to ensure your operations run smoothly year-round, so you can maximize every acre. With over 170 years of combined experience, Iron Circle Services sets the standard for dependable service expertise you can count on and essential innovation you depend on.

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Tailoring technician support to your specific needs, you can count on us for the experience to deliver on our commitment to optimize every acre on your farm. With comprehensive parts and service support, our team of technicians provides clear communication, offering detailed insights into your available options and estimated repair times so you can maximize your uptime.

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Horsch 2430 Maestro corn planter, 2017 model, new in 2019, 12,000 acres, infurrow fertilizer, Sunco 2x2x2 fertilizer openers, 18.4x42 tires, 1400 gallon fertilizer tanks, plug and play isobus. \$179,000



2014 Horsch RT-370, \$20,000 in updates, ISO electronic depth control, all new style blade bearings and extension kit. Blades are 19 in. stored inside. Ready to go to the field. \$45,000



Used Ag Storm rock box. \$9,000



**2018 JD 341 large square baler**, 19,000 bales, **\$89,000** 



2024 Horsch RX-30, manual depth control, optiroll rubber roller. \$129,000



2023 Elmer's 1300 bu graincart, scales, righthand auger, tarp, tracks. \$119,000



2024 Horsch RX-40, manual depth control, ringflex roller. \$149,000



2005 Peterbilt 387, 15L 500Hp Cummins, 10 speed transmission, wet lines, new rear tires and brakes. Good running truck. \$12,500



V-bottom trailers. Holds about 1700bu, manual tarp. \$29,900



2023 Horsch Maestro SP2430, 24row 30in, 6500ac, Precision Planting Vsets, Speed Tube, Delta Force, Furrow Force, Gen 3 20/20, 25in tracks 2x2x2 fertilizer with 750gal tank plus 800 gal saddle tanks. \$359,000



2022 Elmer's 2000 bu., Tracks, Righthand auger unload, scales, joy stick controls, auto-unload, used on our farm, like new. \$139,000

# **Show Map**



**WELCOME TENT** 



**SHELTER AREA** 



**OUTDOOR BOOTHS** 



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**RESTROOMS** 

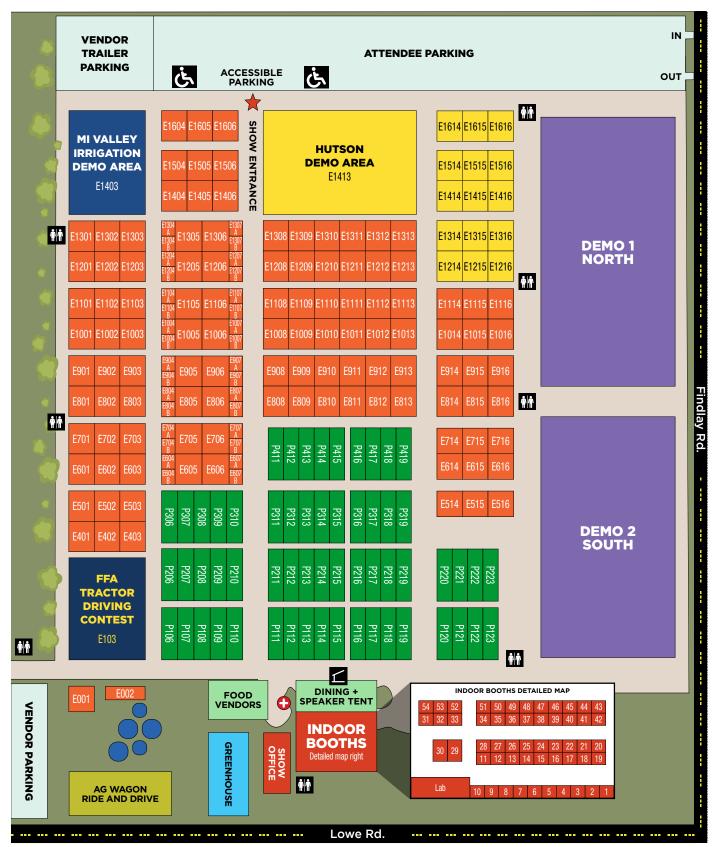


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OUTDOOR BOOTHS
WITH PLOTS





## **Exhibitors List**

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&CUS	₹ orav

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Aim4G, LLC	36
Alderman's Inc	E815
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Arrow Ag Services	E910



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Back Coutry Equipment	E1204A-B



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Becks Trailer Sales	E810-811
Borkholder Building Supply	20



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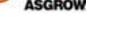
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AGI WESTFIELD









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#### COMPANY

Lot #



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Lot#

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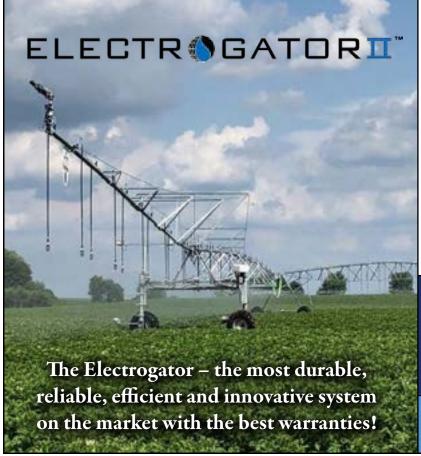
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BOOTHS

E1212, E1213, E1312 & E1313

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From ultra heavy-duty bumpers, designed by our stakeholders and built just for the AGwagon by the famed Geyser Fabricating company, to double thick leather seat covers that duplicate tractor seat durability, no stone was left unturned in the design and manufacture of the

AGwagon. 360 degrees of high intensity surround lighting. Two-way radio comms. A 15k pound winch. And a suspension system that won't need to be repaired every eight-10 months are just a few of the other highlights.

But there's more to us than the AGwagon. You want agriculturally smarter truck dealers, who can give you a true return on your truck investment. We've created the Certified Agriculture Dealer network, where your new/used truck purchase gets you up to \$45,000 of exclusive rebates and discounts on farm supplies you already buy, through AgPack. CADFi gives you irregular payment terms on your farm truck purchase that match your income cycle, while CADProtect extends your farm truck's service protection with no exclusions.

To learn more about Ag Wagon, come see us at booth E001!



Visit us at Booth #E605



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#### MICHIGAN VALLEY IRRIGATION

## Don't Miss the Latest in Fertigation, Irrigation Tech



#### M. GALLOWAY, FARM NEWS MEDIA

Michigan growers will learn how to spoon-feed fertilizer to avoid nitrogen and phosphorus run-off, and nutrient overloading after a storm hits unexpectedly.

Michigan Valley Irrigation (MVI) Co., which has locations in Vassar, McBride, and Caledonia, will be field-demoing the

latest in fertigation technology during the 2025 AgroExpo.

According to John McGee, president of MVI, the field demo's center pivot and injection pump equipment will feature a blue dye visual aid that shows how chemical and injection pumps move through your pivot,

and how producers can uniformly apply nutrients through a pivot onto their crops.

"We have to optimize our yields in our fields because the cost of inputs has gotten so high," McGee told *Michigan Farm News*.

"There's a classic example where somebody puts on a season's worth of nitrogen on their corn, and then it rains 4-5 inches and leeches it out. We can combat phosphorus leakage ... by spoon-feeding these nutrients. You're not overloading, there is no runoff, and you're only giving the crop exactly what it needs, when it needs it."

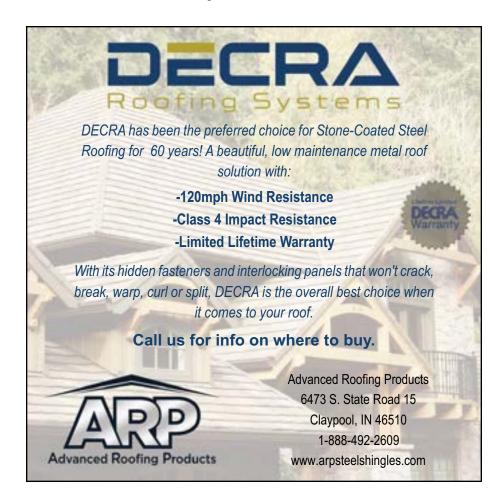
This comes at a time when producers have already had to deal with wetter and cooler weather: McGee said many corn producers are still trying to recover from the late start. In addition, MVI lost 50 pivots due to severe storms in April and May.

"Michigan Valley's goal is to maximize yields and optimize water application and injection technology," McGee added. "Coupled with AgroLiquid's offerings of crop nutrition and it's a perfect way to boost yields and guarantee outcomes."

MVI is a full-service agricultural irrigation company that sells Valley irrigation equipment.

Learn more about the company, which has served Michigan and the surrounding areas since 1985, at **mvi.farm/valley-irrigation**.







# Booth # **E1211**

## AgroExpo August 12 & 13 St. Johns, MI



## IVEAWAY-GIVEAWAY-GIVEAWA

### How to ENTER:

Bring a copy of your recent electric bill to the harvest booth #E1211 at the AgroExpo.

#### OR

 Stop by the harvest booth #E1211 and send a copy of your electric bill to getsolar@harvestsolar.com.



A recent electric bill copy (in person or email) is required for entry, with one entry per bill; farm properties with separate meters/bills may submit multiple. The prize is a Husky 9-drawer toolbox, and no cash equivalent or substitution will be offered.

#### XAG's 'Revolutionary' P150 Ag Drone Setting New Standards

#### **FARM NEWS MEDIA**

Included in this year's AgroExpo field demos is OnPoint Applications Group LLC, located in Battle Creek, bringing the XAG P150 Agricultural Drone to the lineup, according to company representative Kirk Babcock.

Calling it a revolutionary tool in the ag drone market, Babcock said the XAG P150 dramatically enhances agricultural productivity, excelling in four key functions: spraying, spreading, transportation, and aerial surveying.

Boasting an impressive maximum payload capacity of 154 pounds, the XAG P150 offers a cutting-edge intelligent control system and user-friendly operation mode as a cost-effective, adaptable, and highly efficient solution for the demands of modern farming.

Equipped with the advanced XAG RevoSpray system, the XAG P150 sets a new standard with a maximum flow rate of 8 gallons per minute, delivering uniform atomization for effective spraying even at high speeds covering up to 70 acres per hour at 2 gallons per acre.

With a rated capacity of 18.49 gallons, the drone delivers versatile, fast, effective, and economical spraying for both orchards and fields, offering precision, uniformity, and efficiency are key to improving crop protection for fields and orchards at speeds of 5.6 mph up to 15.6 mph.

Up to four centrifugal nozzles, combined with the quadrotor's powerful airflow, allow thorough penetration into tall, dense canopies, achieving even coverage on both leaf surfaces in pattern widths of 16.4' to 32.8' with droplets sizes of 60 to 400 microns.

#### **XAG REVOCAST**

When it comes to spreading tasks, the P150 truly stands out, according to Babcock. Equipped with the innovative XAG RevoCast system, the drone can spread an entire bag of fertilizer in an astonishing 11 seconds, making it a leader in efficiency within the industry.

The package delivers exceptional spreading performance and efficiency with a 154 pound capacity tank with a delivery system spreading rate of up to 617 pounds per minute, while offering a 26.2' effective spread width at a maximum operating speed of 30.9 mph.

Its compatibility with three types of augers makes it versatile for various applications, including fertilizing, seeding, feeding, and powder spreading.



#### **XAG REVOTRANSPORT**

The P150 features the new XAG Revo-Transport system, offering both sling and cargo transport modes capable of transporting up to 143.3-pound payloads at 30.9 mph at a maximum altitude of 98.4 feet to effortlessly handle long distances and steep terrains.

#### **XAG REALTERRA**

Harnessing the power of the XAG RealTerra system, the P150 autonomously captures high-resolution images, performs seamless image stitching, and generates real-time 3D models. It can efficiently map fields and orchards with a single mapping area of up to 32 acres, making it an invaluable asset for precision agriculture.

With a streamlined flight control architecture and an automotive-grade chip, Babcock said the P150 delivers tenfold computational power compared to previous generations, supporting advanced functions such as environmental sensing, flight control, data transmission, and RTK navigation, empowering the P150 to execute autonomous flights with unparalleled efficiency.

#### RAPID CHARGING FOR CONTINUOUS OPERATION

Time is of the essence in agricultural tasks, and charging efficiency is crucial. With the new water-mist cooling solution, a four-battery station begins charging immediately upon landing. Multiple charging options are available, with the fastest being just 10 minutes.

The XAG P150 is not just an investment in technology; it's a vital partner in driving the future of agriculture, maximizing productivity, and minimizing costs.

#### QUICK INFO

- 154-pound max payload
- 18.5-gallon liquid tank
- 154-pound granular tank
- Maximum liquid flow rate 8 GPM
- Max spreading rate 617 lbs./minute
- 4D radar allows full-speed obstacle avoidance in all weather conditions
- Battery charges as fast as 10 minutes, with multiple charging options and a mist cooling tower keeps batteries cool during charge cycles
- XAG Agronomy Services 5.0 supports team collaboration and multi-drone control
- Dual folding arms for compact storage



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#### **Harvest International**

#### 'PLANTING THE FUTURE' SINCE 2007



#### **FARM NEWS MEDIA**

Since 2007, Harvest International based in Storm Lake, lowa, has earned a solid reputation of innovation, quality, and for manufacturing grain augers, strip till toolbars, seed tenders and what the company calls "a technology-ready open platform planter" series of toolbars.

In 2016 the company unveiled the innovative LaserPro1 planter row unit and was met with immediate success — vaulting the entire planter division into a whole new era. By 2017 the decision was made to sell the grain auger and belt conveyor division and refocus entirely on strengthening the toolbar and row unit division.

The decision allowed Harvest International to rapidly developed an impressive family of toolbar and row unit models, firmly establishing a reputation for industry leading quality with a focus on meeting the needs of the growers they serve.

As a family-owned manufacturer, Harvest International is now a leader in aftermarket custom planters for over 10 years, offering full lines of front fold, vertical fold, stack fold, and rigid toolbars built heavy for high speed or no till planting, along with the Series2 UltraPlant front-fold planter toolbar.

Equipped with various models of their high-speed, precision-ready LaserPro1 row-unit, Harvest International offers industry-leading toolbar and row width configurations, from 10" to 60" rows across toolbars 5' to 80' wide.

Between 2014 and 2024, Harvest International expanded its planter offerings from five



front fold models to over 300 unique models across its different toolbar families, firmly establishing a reputation as an industry leader in the custom precision planter market.

Adhering to the "technology-ready, open platform planter" tool bar concept, the company said it builds a high-end planter but intentionally doesn't push, "our own high-end planting technology."

"After-market companies such as Precision Planting or Ag Leader can offer more specialized metering and seed placement products than the big OEM. We design our planters to integrate with after-market leaders for a win-win partnership that benefits the end-grower."

The custom configured Harvest International planters are available through a dealer network that specializes in aftermarket precision technology planters, including Eaton-Rapids-based PM Precision Ag.

Harvest International owner Mike Mullins said the company is dedicated to providing top-tier products and expert support for every customer in mid-Michigan.

"As a full-service precision technology company, we offer solutions for planters, combines, sprayers, tractors, and more. We also specialize in custom tool bars for planters, tillage, and side dress applications," Mullins said.

With over 15 years of experience, Mullins said PM Precision Ag evaluates each operation to recommend the best products and technology to maximize yield and profit, from planting to harvest.

Mullins will be bringing a 60' toolbar, 24-row Harvest International planter to the AgroExpo field demonstrations, giving many visitors their first look at the innovative planter tool bar, fully equipped with the latest in Precision Planting technology.

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#### **Tireboss Tire Pressure Control**

#### Innovations for Enhanced Productivity, Sustainability in Ag

#### **TIREBOSS**

In the ever-evolving agricultural industry, technological advancements play a pivotal role in enhancing productivity, sustainability, and overall efficiency. One such innovation that has made a significant impact is the Tireboss tire pressure control system. This advanced solution has revolutionized the way farmers manage their tire pressures, positively affecting the performance of agricultural machinery, and significant reduction in compaction leading to greater crop yields.

#### THE IMPORTANCE OF TIRE PRESSURE

Tire pressure management is crucial in agriculture for several reasons. First, it directly influences the traction and flotation of agricultural vehicles. Proper tire pressure ensures optimal contact with the ground, reducing slippage and increasing the effectiveness of pulling and pushing activities. Additionally, it minimizes soil compaction, which is essential for maintaining healthy soil structure and promoting crop growth.

#### ENHANCED MACHINERY PERFORMANCE

The Tireboss system allows farmers to adjust tire pressure on the go, depending on the terrain and the specific task at hand. This dynamic adjustment capability leads to improved machinery performance in various conditions. For instance, lower tire pressures are beneficial when operating on soft, muddy ground, providing better flotation and reducing the risk of getting stuck. Once off the field, at the touch of a button you are back at full pressure for high-speed travel.

#### **SOIL HEALTH AND CROP YIELD**

One of the most significant benefits of the Tireboss tire pressure control system is its contribution to soil health. Compacted soil can severely impede root growth, water infiltration, and nutrient absorption, ultimately reducing crop yield. By enabling precise control over tire pressure, Tireboss helps farmers avoid excessive soil compaction, thereby maintaining a favorable environment for crop development. This results in healthier plants and higher yields, contributing to overall agricultural productivity.

#### TIREBOSS: A TECHNOLOGICAL MARVEL

The Tireboss system is designed with cutting-edge technology that integrates seamlessly with various types of agricultural trucks and machinery, including sprayers and planters. It utilizes sensors and automated controls to monitor and adjust tire pressures on the fly. This sophisticated approach ensures that the optimal tire pressure is always maintained, regardless of changing field conditions.

"Tireboss gets the job done," said Jeremy Tischer, an Upper Midwest farmer who grows sugarbeets, corn, soybeans, and spring wheat. After years of time being wasted pulling trucks in the mud Tischer was delighted with the performance of Tireboss.

"We loaded 25 tons on my semis with Tireboss right away, and they all drove out of the wet fields unassisted," he said.

#### **EASE OF USE**

Farmers appreciate the user-friendly nature of the Tireboss system. Once installed, operators can easily monitor and manage tire pressure through a touch screen control panel, which provides clear and easy controls, and real-time feedback. Built in safety features ensure tires are at

WITH TIREBOSS WITHOUT TIREBOSS

the appropriate pressures for on-road, high speed travel. The Tireboss monitor offers multiple languages and includes a built-in driver training video. This simplicity in operation makes it accessible to farmers and employees of all technical skill levels.

Tire Pressure Control International Ltd. / Tireboss has over 30 years of experience in design, application, implementation and support of Tire Pressure Control Systems. There are over 12,000 systems sold and supported globally with an average system service life of 15-plus years. The system is compatible with a wide range of vehicles. Tireboss is fully compliant to SAE J2848-3 Tire Pressure Systems standards. This product is built to last and run trouble free.

#### ECONOMIC AND ENVIRONMENTAL IMPACT

Investing in the Tireboss tire pressure control system yields both economic and environmental benefits. Machines operate more efficiently, the reduced pressure greatly improves the vehicle ride, and tires last longer due to minimized wear and tear. These factors collectively contribute to significant cost savings over time.

In conclusion, the Tireboss tire pressure control system is a game-changer in the agricultural industry. Its ability to dynamically adjust tire pressure based on real-time conditions enhances machinery performance, increases productivity, and increases yield.

As the agricultural sector continues to embrace innovative technologies, Tireboss stands out as a vital tool for farmers striving for increased productivity and crop production. By investing in this advanced system, farmers can ensure they are equipped to meet the challenges of modern agriculture while promoting the well-being of the environment.



#### **Capello Innovative Harvest Solutions**

#### **CAPELLO USA**

Since 1965, Capello has been widely known in the European market for offering the most innovative harvesting solutions to producers across the world. The Capello family brought their products to the U.S. to offer American farmers the same agronomic benefits that their customers in Europe have experienced.

Through continuous research and development, the QUASAR model is where Capello got its start in 1965. First to the market with chopping (1986) and folding (1992) technology, Capello has forged the way for corn head innovation. This model includes features such as reversible knives for longer life cycle, segmented hex shafts for ease of maintenance, and innovative chain and idler sprocket design to ensure crop is collected in adverse conditions. Available in a wide range of spacings, from 20, 22, 30, 36 and 38, the QUASAR harvesting technology can be utilized on any operation. Each unit is outfitted with the patent protected chopper design, each row unit can independently be engaged or disengaged at any time. This system continues to provide superior residue management with minimal horsepower requirement, resulting in reduced wear on the combine.

Newest to the Capello product line, and leading the industry in corn head technology, is the *DIAMANT*. Offering many of the tried-and-true mechanics of the QUASAR, this new model boasts industry-leading features such as dual hydraulic deck plates making harvesting precision unmatched thanks to their synchronized movement, maintaining the stalk position in the exact center of the row unit. New to this model are the poly design features; from the impact protecting breakaway snouts to the quick release bonnet system that allows removal without the use of tools.

All Capello products are designed with the farmer in mind. Protecting investment is a harvester's first priority on any operation. Ineffective harvesting equipment can be detrimental to a farm's bottom line, and with input costs on the rise, yield retention is more critical than ever. Capello corn heads provide the means to efficiently maximize harvest season and reduce preventable crop loss. Engineered for adverse conditions, Capello products ensure low-input maintenance, minimal combine wear, and improve soil health with innovative residue management.

New for the 2024-25 season, Capello has partnered with AgroExpo and the North Central Research Station. In the fall of 2023, the research team set out

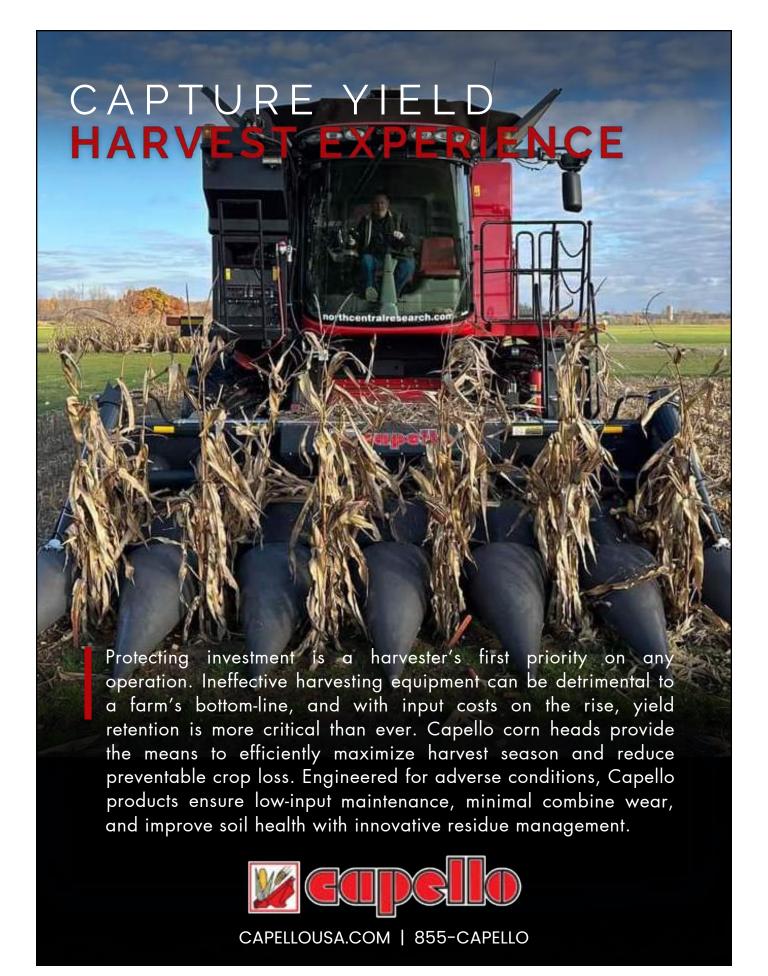


to create trials where corn head performance can be evaluated against competitors, displaying the long-term effects harvesting equipment can pose on the soil, crop health, and ultimately yield.

Following these plots to planting season, these aspects will be monitored, and data collected to educate farmers about what to look for when diagnosing header efficiency problems. Growers often ask about chopping vs non-chopping where unplanned residue movement is concerned. In cases like the one shown below, poorly processed non-chopped material not only affects emergence, but nutrient values during planting season. Chopping crop material can not only prevent build up like this but will allow residue to decompose sooner. To learn more on Capello research plots, stop by booth 302 at the show.

Distributed out of Sioux Falls, South Dakota, and supported by the U.S. dealer network and dedicated sales and support staff located across the corn belt, the product line was introduced to the U.S. market in 2010. Recently, Capello USA debuted their new Training & Distribution Facility in Sioux Falls. The new 23,250-square-foot facility offers extensive warehousing, a full product showroom, product education facilities, and final assembly shop.





## **Pond Hill Sales and Service to Introduce the Equalizer's CII Narrow Row Planters**

#### **FARM NEWS MEDIA**

Pond Hill Sales and Service will be showcasing the Equalizer's CII Narrow Row Planters, during AgroExpo field demonstrations, featuring the latest innovation in planter and drone technology.

Equalizer, based in South Africa, was founded by farmer and mechanical engineer Gideon Schreuder who began manufacturing planters in 2000. Innovative design, quality product, on-time delivery and sustainable after-sale service propelled the company to what is today a market leader in South Africa.

Following an acquisition by tillage manufacturer Lemken, with its worldwide network of dealers, Equalizer planters have expanded into the international marketplace with a presence in Australia, Europe and now the U.S.

The Equalizer's CII Narrow Row Planters participating in the AgroExpo field demonstration will feature a 40' wide, 24-row planter configured with 20" row spacing.

Features of the Equalizer planter, factory fitted with Precision Planting equipment include:

- Robust high strength steel two-section front folding frame and row units made to work in tough conditions.
- Disc running with a leading and trailing configuration ensures more carefree acres.
- Gauge wheels trailed, for improved flotation in soft soil conditions.
- Gauge wheels are adjustable away from the discs. This aids unit flotation in soft soil conditions with scrapers cleaning the discs.
- 3 spoke gauge wheels allows soil and trash to clear out from within the wheel.
- Separate fertilizer coulter with gauge wheel to apply fertilizer 2" to the side of the seed row.
- Frame lifts up high for easy maintenance from a standing position.
- Large wheels for superior flotation.
- Narrow transport widths ranging from 11.5' to 12.5' wide by 11.5' to 14.8' tall.
- On-frame factory fitted three- or foursection tanks able to carry three different liquid or dry fertilizer products with a combined volume of 1,624 gallons and an additional 595 gallon hopper for either seed or additional fertilizer capacity.

Equalizer CII Precision Planting unit features:

- Large 19.8 gal. seed hopper or mini hopper fed from central seed hopper tank.
- Factory fitted with Precision Planting vSet2 vacuum seed meters.
- Parallel arms with easily adjustable mechanical spring downforce; or DeltaForce, with variable row-by-row hydraulic downforce.



- Precision planting electric vDrive with 20I20 control system.
- Notched steel wheels with independent toe-out adjustment.
- Optional SmartFirmer2 compatible quick attach bracket or Low Stick Keeton Seed Firmer with quick attach bracket.
- Seed discs with 9.5 degree angle for less soil disturbance can be replaced without removing the hubs.
- Frame mounted fertilizer placement with 20" angled notched fertilizer coulter with gauge wheel.
- Residue management with double row cleaners and tool free adjustment.
- Recessed gauge wheel arms for reduced unit width and improved material flow.

Watch the Equalizer planter perform during the AgroExpo field demos. For more information, contact Brent Shettler at 810-691-0168, or pondhillfarms@hotmail.com.







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#### M&W Aerial set to Highlight Eavision J100 **Drone's Lidar-driven Capabilities**

#### **FARM NEWS MEDIA**

Planters, drills and drones will be featured at the 2025 AgroExpo field demos, giving visitors a chance to see competing brands and models running side-by-side.

Included in this year's lineup is Eaton Rapids-based M&W Aerial LLC, which is bringing the new Eavision J100 to the field demos.

The J100 offers high-efficiency performance as the only drone in the ag market using lidar technology to fly across a variety of terrains. In addition, the drone's state-of-the-art mist nozzles enable the J100 to achieve fine, even atomization with precise control over droplet size and spray patterns across diverse crop types.

Along with the standard 45-liter tank, the J100 also offers an optional high-capacity tank with a spray width reaching 36 feet, capable of covering 60 acres per hour.

The J100's 110-pound spreader tank boasts with a material sensor and replaceable blade agitator, which ensures uniform application with less than 4-inch error at up to 243 pounds per minute.

Meanwhile, the drone's high-definition

FPV camera enables aerial mapping with stitching speeds as fast as 5 minutes for 50 acres - providing a rapid field overview and boosting efficiency.

The J100's powerful propulsion system offers exceptional maneuverability, allowing

rapid field coverage, even in challenging conditions. Its intelligent multi-function capabilities — including advanced lifting, spreading, and surveying functions — helps the J100 simplify complex tasks, reduce operational time and maximizes productivity, adapting to virtually any agricultural application accurately and efficiently.

According to Eavision, the J100 autonomously plans safe flight routes and ensures smooth obstacle avoidance and terrain, meaning there's no need for manual terrain selection.



"As a company we continue to provide options and solutions for farmers to achieve maximum success," said M&W Aerial's Brandon Bahr.

"With this new technology M&W Aerial will be able to provide vield enhancement applications to growers with minimal damage to the crop."

Bahr added that he believes the J100 is going to be a great asset to the ag community, noting that Eavision works very closely with Agri Spray Drones in Boonville, Missouri, to upgrade the drones for ag applications.



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#### **Maverick Equipment, Inc.**

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#### **MAVERICK EQUIPMENT**

Located in Howard City, Michigan, Maverick Equipment Inc. is a trusted partner to farmers, landowners and contractors who demand quality equipment and top-tier service. As a full-service sales, parts, service, and rental dealership, we stand behind every machine we sell — delivering not just horse-power and reliability, but peace of mind.

At the core of Maverick Equipment's product offering are three tractor brands that have become synonymous with power, efficiency, and durability.

Deutz-Fahr tractors are a European powerhouse, known for their advanced engineering, fuel efficiency, and operator comfort. Deutz-Fahr appeals to professional farmers looking for cutting-edge technology and robust performance in the field. Customers value the intuitive controls, superior hydraulics, and the sleek, modern design that Deutz-Fahr delivers.

Complementing Deutz-Fahr is **Versatile**, a legendary name in agriculture, delivers the raw power and durability needed for high-acreage and heavy-duty work. With a reputation built on simplicity, serviceability, and strength, Versatile tractors are ideal for operators who need maximum performance and reliability in the toughest conditions.

Yanmar, a brand that has earned its stripes worldwide for compact tractors that are rugged, reliable, and efficient, are ideal for small farms, hobby farms, vineyards, and landscaping businesses. With a strong emphasis on ease of use and fuel efficiency, Yanmar delivers big performance in a small package. These tractors are perfect for operations looking for dependable equipment that gets the job done without compromise.

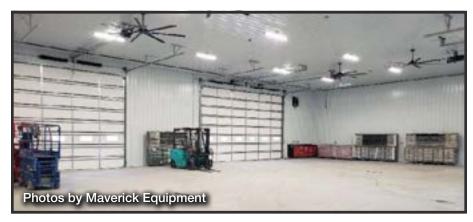
Farmers looking for dependable implements will also find options from Pequea, Sitrex, and Versatile.

American-made Pequea products — such as rotary tedders, rakes, and trailers — are built tough to handle daily demands.

Sitrex, an Italian manufacturer with a global reach, produces hay and forage equipment known for precision and long-lasting performance.

Versatile beyond their tractors is a legendary North American brand, adds muscle to our lineup with heavy-duty tillage tools and equipment designed for highefficiency, large-scale farming. Whether cutting, raking, tilling, or spreading, these brands help customers maximize productivity and results.





For the dedicated homeowner and lawncare professionals, we are excited that we're Michigan's only authorized dealer for Yakta zero-turn mowers. These mowers provide unrivaled quality and one of the best warranties available in the industry five years or 2,000 hours.

Our service department is staffed with skilled, factory-trained technicians who are equipped to handle everything from regular maintenance to complex repairs. When bringing equipment to the shop isn't possible, our mobile service department comes to you offering field repairs and diagnostics with fully stocked service trucks. We understand downtime hurts productivity and that's why our mobile team is available when and where our customers need us most.

In addition to equipment sales and services, Maverick offers a fully stocked parts department and a growing rental fleet for the DYI-ers and professionals. From tractors and farm equipment to construction equipment and attachments, customers can find short- or long-term rental options to meet seasonal needs or supplement their existing equipment.

But what truly sets us apart is that at Maverick Equipment, it's all about the customer experience. The team takes pride in building long-term relationships through honest advice, reliable support, and equipment.



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#### Hutson Inc. to Feature Deere's FurrowVision, ExactShot Planter Technology Upgrades

#### **FARM NEWS MEDIA**

Hutson Inc. will be participating in this year's AgroExpo field demos, showcasing John Deere's 1775NT 24-row ExactEmerge variable speed planter, equipped with the latest in precision technology upgrades, including ExactShot and FurrowVision.

According to Hutson Precision Ag Specialist Kevin Shelle, John Deere first introduced Furrow Vision as a performance upgrade for John Deere planters in 2023, giving farmers a direct view of the seed as it's dropped in furrows.

"The upgrade puts a camera on the planter row unit, looking directly down into the furrow as farmers are planting, providing real-time visuals on the farmer's in-cab display. The system combines the camera view, and information from lasers measuring seed depth, to produce digestible data on the display," Shelle said.

The system places a camera across each section of the planter, one on the left, right, and center wing, regardless of size — a 12-, 16-, or 24-row planter will have three total cameras. As farmers move through a field, they will be able to pause the video and rewind where needed to evaluate seed-to-soil contact while planting.

The technology upgrade, according to Shelle, helps producers save time and keep running by verifying seed depth from the cab by monitoring a live camera feed into the actual planter furrow, to validate depth accuracy across planter sections and make necessary row cleaner and downforce adjustments.

ExactShot is another available technology upgrade option to convert from Deere's existing ExactRate liquid fertilizer application system.

Designed to deliver a precise dose of starter fertilizer only where needed, the ExactShot upgrade provides savings of up to 60% for in-furrow nutrient costs, while promoting early root development, according to Shelle, and allows for switching between dosing or continuous mode from the cab.

#### **JOHN DEERE 1775NT FEATURES**

Available in three configurations — 12-row 30, 16-row 30, or 24-row 30 — the John Deere 1775NT is not only one of the most productive planters on the market, but a planter that fits seamlessly in just about any operation regardless of scale, field conditions or number of fields.

From the convenience of your cab, you can operate the fold and go hydraulic system, allowing you to hit the road more quickly and easily. The front-fold design offers a



narrow 12" transport width and provides 22" of under-unit clearance so you won't snag or pull getting in and out of your fields.

The 1775NT features more wing flex than any other planter in the John Deere planter lineup, with 21 degrees of up-down flex when working rolling ground and terraces, while still maintaining consistent depth.

A telescoping hitch allows the 1775NT to be coupled closer to the tractor for added maneuverability. Tri-fold marker arms come standard for added peace of mind.

Two bulk-fill tanks are standard on every Central Commodity System (CCS) planter for maximum seed-carrying capacity. The 16- and 24-row 1775NT planters boast two 50-bushel tanks, for a 100-bushel capacity, while the 12-row version uses two 35-bushel tanks for a combined tank capacity of 70 bushels.

#### EXACTRATE LIQUID FERTILIZER APPLICATION

John Deere's ExactRate, comes as a factory-installed option that precisely monitors and controls the application of liquid fertilizer during planting. ExactRate gives operators row-by-row section control to help reduce fertilizer costs and the amount of chemicals applied by shutting off application in areas of overlap or non-application.

Previously, producers had to deal with the inconvenience of cumbersome aftermarket systems for a hydraulically driven variable-rate solution. With ExactRate, John Deere delivers a complete planting solution for liquid fertilizer users.

You can choose between in-furrow or offset delivery methods. A high-rate option without openers is also offered from the factory.



ExactRate is compatible with select models of John Deere planters with electric drive including the 1775NT. Thanks to its hydraulic-driven pump, ExactRate can be operated at maximum speeds up to 10 mph, enabling operators to plant up to 5.9 more acres per hour.

The option is fully compatible with the John Deere 4640 Universal Display and 4600CommandCenter and provide in-cab flow detection and in-field documentation for operators.

It also compensates for both commanded rate changes and speed changes and provides curve compensation, to help ensure growers apply the right rates across their fields, including entry and exit of headlands.

#### **CONNECT MOBILE OVERVIEW**

John Deere Connect Mobile is a solution that utilizes an Apple iPad in the cab and helps the operator increase job performance during planting and spraying operations – row by row or nozzle by nozzle.

Connect Mobile documents and displays multiple quality layers, helping the operator monitor and more easily detect problems that can occur during planting and spraying. Connect Mobile also has a common user interface that makes it easy to use between different pieces of John Deere equipment.

For more information, contact Hutson's Kevin Shelle at (517) 230-5522 or kshelle@hutsoninc.com.

## **Case IH Offers Power Upgrades for More Precise Planting**



#### **FARM NEWS MEDIA**

Don't wait — power up your planter with Case IH precision technology today.

By doing so, the company said producers can improve efficiency, productivity and profits, regardless of model types. Here's how you can quickly help every machine unlock its full potential:

- Add autoguidance to make driving easier and rows straighter. The RS1 receiver adds terrain-compensated GPS capability with up to sub-inch accuracy.
- Upgrade your display and get a brighter, larger screen. Get the Pro 700 Plus display for a familiar experience with Case IH software.
- Activate connected features by adding a new modem through your Case
   IH dealer. This further improves planting efficiency. It also unlocks more proactive and remote service capabilities from your dealer or trusted advisors.
- 4. **Download and connect your ma- chines to FieldOps** to view and manage your entire operation anytime, anywhere.

From there, power up your planting season with the following seasonal upgrades.

#### WHY IS PRECISION TECHNOLOGY IMPORTANT FOR PLANTING?

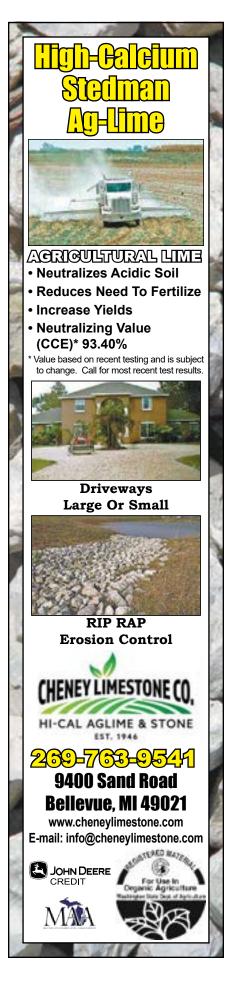
Successful planting is the first step on the journey to a successful yield at harvest. Making sure every seed is separated and placed in a straight row gives each seed the best chance to thrive. Case IH precision technology makes planting easier by making sure the planter or seeder stays on-course and applies the right seed rates.

This produces better results at the end of the season while making every drive less stressful for operators.

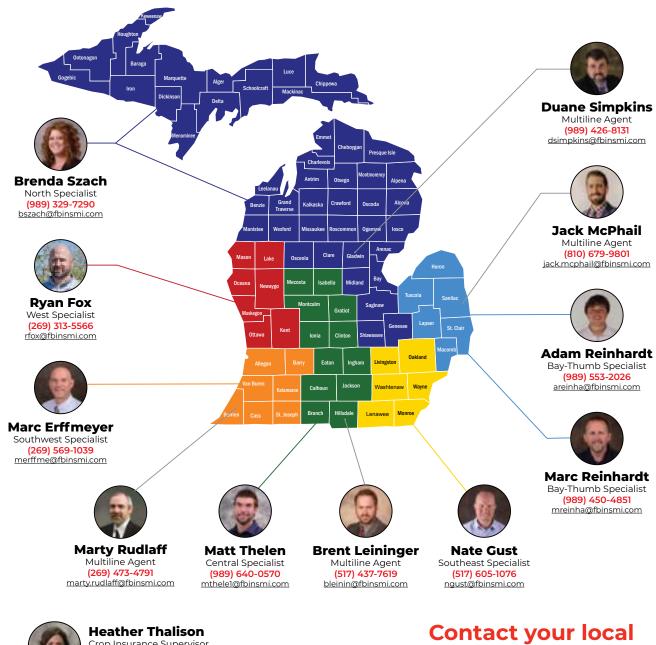
#### TOP 3 CASE IH PLANTER POWER UPGRADES

- 5. Active Implement Guidance -astraight implement path gives you straight planting rows and ensures fertilizer and other nutrients are applied in a straight line. The plug-and-play Active Implement Guidance singledisplay system uses GPS to control steering at the hitch, actively keeping implements aligned with the tractor. This reduces implement drift and crop damage, making every pass less stressful and more profitable. Case IH Active Implement Guidance has preset profiles for Case IH Early Riser planters (2140, 2150 and 2150S) as well as some Spudnik and Unverferth implements, but works with most implements using a generic profile.
- 6. **RCM Section Control** the Raven Rate Control Module (RCM) is a simple plug-and-play controller that makes managing multi-product fertilizer applications easier. Add a second liquid product to your planter by simply plugging the versatile RCM into your equipment and calibrating your product profile.
- 7. RTK+ accuracy upgrade keep your rows as straight as possible with the best corrections network speed, accuracy, and reliability. RTK+ ensures a fast, dependable signal and maximum accuracy (<1 inch, repeatable) in all conditions, regardless of field location. In addition to ensuring you plant in straight rows, the repeatable signal ensures the rest of your applications follow the exact same path increasing yield potential.</p>

Looking to power up your planter? Visit your local Case IH dealer or **MyCNHStore.com** for the latest offers on precision technology.



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## COME SEE US! August 12 & 13, 2025 St. Johns, MI

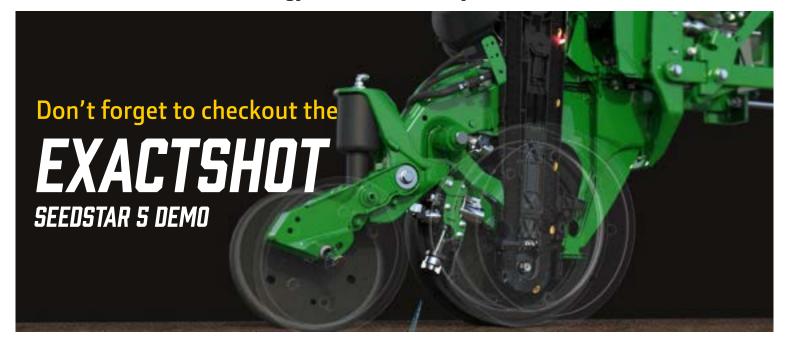








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