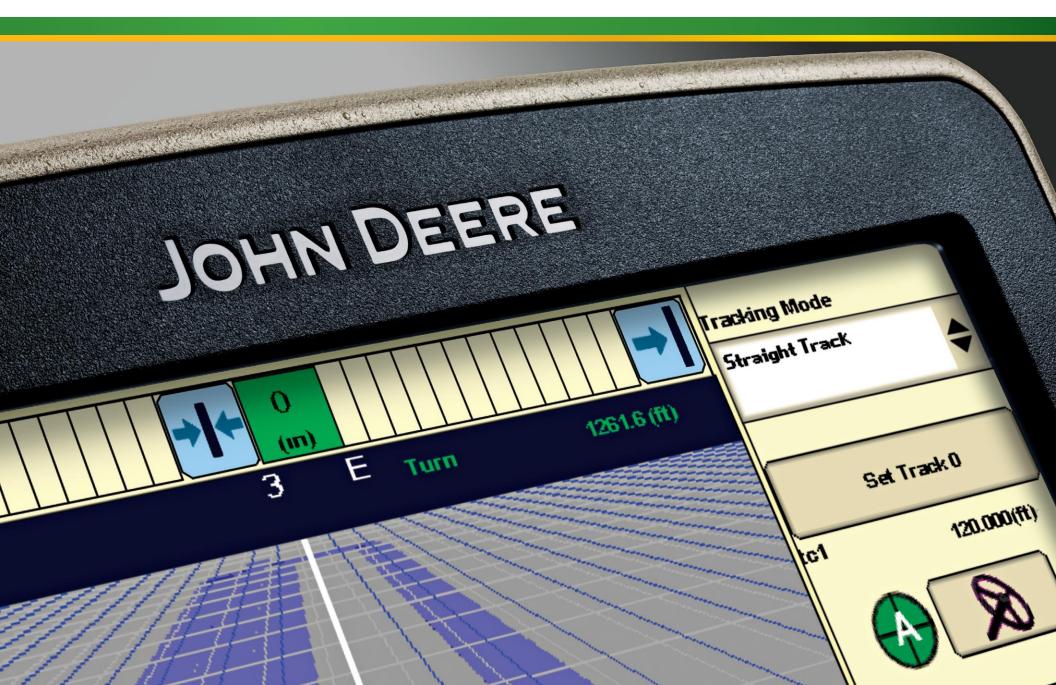
## Ag Management Solutions

Innovative technologies, exceptional support





### Solutions for success

Whether you want to gather information, reduce input and labor costs, increase efficiency or better manage your land and water resources, John Deere can help. Our Ag Management Solutions encompass the diverse needs of today's producers. Talk to your local John Deere dealer to determine what technologies are best for your operation.





#### CONTENTS

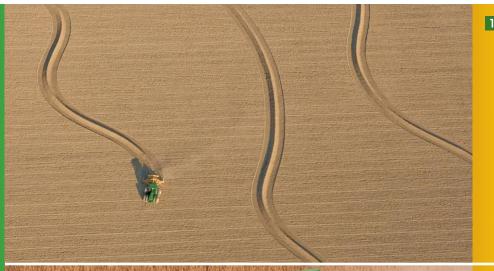
Year-Round Support	4-5
Displays and Receivers	
GreenStar™ 3 2630 Display	6-7
GreenStar 2 1800 Display	8-9
StarFire <sup>™</sup> 3000 Receiver	10
SF1, SF2, and RTK Accuracy	11
StarFire RTK Radios	11
Guidance and Machine Control	
AutoTrac <sup>™</sup>	12
Machine Sync	13
Active Implement Guidance/Pivot Pro	14
AutoTrac RowSense™/iTEC™ Pro	15
Field and Crop Solutions	
iGrade™/Surface Water Pro™ Plus	
Implement Detection	17
Section Control/Rate Controller	
Mobile Weather/Raven Industries	20-21
Field Connect/Harvest ID Cotton	22-23
Information Management	
JDLink <sup>™</sup> /Remote Display Access	
AgLogic/APEX™/Mobile Farm Manager	
HarvestLab Sensor/Constituent Sensing	
MyJohnDeere.com	
Specifications	

### Ag Management Solutions

A profitable investment all year long

No matter where, when or how you use our precision technology, the premise behind it is simple – to help you make more money, year after year. And while some of our products have a very specific task, others benefit you year-round.

With AutoTrac<sup>™</sup>, a GreenStar<sup>™</sup> 3 2630 Display and a StarFire<sup>™</sup> 3000 Receiver, you have the tools you need to unlock more efficiency and more profit, throughout the year. And with JDLink<sup>™</sup>, Remote Display Access, APEX<sup>™</sup> and Mobile Farm Manager, you can stay on top of your equipment, operators and data from your laptop, smartphone or tablet.





#### **1** FIELD PREPARATION:

Control input costs, reduce waste, increase yield potential.

- Surface Water Pro<sup>™</sup> Plus
- iTEC<sup>™</sup> Pro
- iGrade™
- Implement Detection
- Pivot Pro
- Documentation

#### **4** HARVESTING:

Cover more acres with less effort in many crops and conditions.

- AutoTrac<sup>™</sup> RowSense<sup>™</sup>
- Harvest Monitor<sup>™</sup>
- HarvestLab<sup>™</sup> Sensor
- Constituent Sensing
- Machine Sync
- Harvest ID, Cotton
- Documentation





#### **2 PLANTING AND SEEDING:**

Control input costs, reduce waste, increase yield potential.

- Section Control
- iTEC<sup>™</sup> Pro
- Map-based Prescriptions
- Active Implement Guidance
- Rate Controllers
- Implement Detection
- Field Connect
- Pivot Pro
- Documentation

#### **3** NUTRIENT APPLICATION:

Take application operations to a new level of productivity.

- Section Control
- Rate Controllers
- Implement Detection
- AgLogic<sup>™</sup>
- Mobile Weather
- Pivot Pro
- Documentation

### John Deere FarmSight<sup>™</sup>

Better farming is in your sight

John Deere FarmSight is a complete solution for your farm. It combines your equipment and John Deere's technology offerings with customized services from your John Deere dealer.

John Deere FarmSight solutions can help you easily gather and access data about your machines and your fields. Intelligent, automated equipment brings more precision, convenience and uptime to your operation. And best of all, it is fully supported by your local John Deere dealer.



### The do-more display: The GreenStar<sup>™</sup> 3 2630 Display

Get more capability, more reliability, and more visibility

You said you'd like a better touch-screen and faster operating speeds. And you weren't shy about telling us you'd like a display that offers new applications, such as video capabilities, operator lock-outs, and even improved field locator functionality.

Well, we listened. The GreenStar 3 2630 Display offers all this and more...in a highly reliable package. Take a look at the many <u>features the 2630 boasts</u>:

- Improved touch-screen display
- Access Manager (operator lock-out)
- Video capability
- USB data port
- Stand-by mode
- Documentation
- On-screen mapping
- ISOBUS display for enhanced compatibility
- Run single or multiple applications at once
- Customized home page



#### Documentation features include:

- As-applied maps
- Color coverage maps
- Five customized home pages
- Prescription overview layers
- Visual flag indicators
- On-screen keyboard
- Dual varieties

#### Standard guidance features include:

- Viewable headland boundaries
- Boundary proximity indicator
- Perspective and overhead views
- Multiple A-B lines per field
- Guidance path accuracy indicator
- Parallel Tracking

The easy-to-read yet compact 10.4-inch display reduces cab clutter. The touch screen delivers better visibility and impressive reliability.



6











Data cards are no more! Now you can use a USB drive to transfer data from the display to your office computer.

\*Activation/subscription required. Some additional accessories and/or components may be required. See dealer for details.

Buying a new 7R, 8R or 9R Tractor? You'll find it equipped with the fully-integrated GreenStar 3 CommandCenter<sup>™</sup> display, which is compatible with AutoTrac<sup>™</sup>\*.

Access Manager gives you the ability to lock out specific functions so that they cannot be changed by machine operators, thereby ensuring accurate, consistent performance.

Easily monitor the activity outside the cab on your GreenStar 3 2630. Its video-input capabilities let you take advantage of an externally mounted camera (not included).



- Parallel Tracking
- Field Documentation
- Map-Based Prescriptions
- Harvest Documentation
- On-screen mapping

#### Enhance your GreenStar 3 with these applications:

- AutoTrac<sup>™</sup> SF1 or SF2: Precision guidance
- AutoTrac RowSense<sup>™</sup> SF1 or SF2: Precision guidance for harvesting
- **Pivot Pro:** Adds circle track mode to AutoTrac
- John Deere Section Control<sup>™</sup>: Automatically turn sprayer and planter sections on and off
- iTEC<sup>™</sup> Pro: Automated headland turns
- Surface Water Pro<sup>™</sup> Plus: Laser-free levees and advanced ditching capabilities

### GreenStar<sup>™</sup>2 1800 Display

Not too big, not too small – just right

The GreenStar 2 1800 Display is a 7-inch full-color display with a simple interface and smaller price tag. You can easily toggle between multiple home pages to monitor more than one in-field activity and navigate through fields with greater control and confidence.

#### Compatible

Like the GreenStar 3 2630, the GreenStar 2 1800 also runs your ISO compatible implements, ensuring future compatibility as you update implements. Take it hands-free with an AutoTrac<sup>™</sup> activation, and upgrade to Section Control for automated application in spraying and planting.

#### The GreenStar 2 1800 comes with:

- Documentation Basics
- Parallel Tracking: Steer manually with on-screen lightbar and coverage map
- On-Screen Mapping: Visual reference to verify field coverage
- ISO compatibility: Compatible with ISOBUS implements, including SeedStar<sup>™</sup> 2
- Rate Controller compatibility

#### Enhance the display's capabilities with:

- AutoTrac
- Pivot Pro
- John Deere Swath Control Pro™







The integrated display control is equipped with an easy-to-use scroll wheel along with check, cancel, menu, and home buttons.



For easy data transfer from another display or a computer, the 1800 Display features a USB port.



Ten mapped letter keys correspond with soft keys in the display for quick one-touch operation.



The GreenStar 2 1800 Display comes preloaded with Parallel Tracking for manual guidance and On-Screen Mapping, which provides a visual reference to verify field cover.

### A beacon for profit, at every level

Just as there are different agronomic practices, operators require different accuracy levels. Using our own StarFire™ network we can provide you with a reliable, accurate, and repeatable signal customized to your needs, delivering the accuracy and control you demand.

### Get reception that's made for the shade with the StarFire<sup>™</sup> 3000 Receiver

If you have heavily-treed fence lines or hilly ground, then you need the StarFire<sup>™</sup> 3000 Receiver. It delivers outstanding reception in shaded conditions, holding a signal longer and reacquiring it faster than any previous model. That means maximum up-time and accuracy for you.

But that's not all. The StarFire 3000 also provides improved performance in sloping terrain, as well as increased satellite availability through GLONASS, the Russian satellite constellation. Finally, the StarFire 3000 offers the ease of over-the-air receiver activation. Add it all up, and you have a receiver that's made not just for the shade, but for any conditions you can throw at it.



#### StarFire 3000

With this receiver you can get started into precision guidance at the accuracy level you need at the time. From Parallel Tracking to precision-guidance AutoTrac Assisted Steering, to the one-inch, repeatable accuracy of StarFire RTK, the StarFire 3000 Receiver grows with you.

#### Compatible Displays:

is +\- 13 inches.

GreenStar 2 1800 and GreenStar 3 2630



\*WAAS is a government-sponsored differential correction signal with a static accuracy of approximately 75 cm (30 in.). This signal has no

guarantee as to how long it will be available or when planned outages

for maintenance are scheduled. WAAS is a low-level accuracy that is a free service for John Deere customers. WAAS pass to pass accuracy

\*SF1 and SF2 accuracy levels are described on a pass to pass basis

measured at the receiver, within 15 minutes, 95% of the time.

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# StarFire 3000 Accuracy Level WAAS\*: +/- 13-in. SF1\*: +/- 9-in. SF2\*: +/- 2-in.

**RTK:** +/- 1-in.



### **Customized signal accuracy**

John Deere offers its own differential corrections through the StarFire network. Developed in 1998, the StarFire network was the world's first Global Satellite-Based Augmentation System (GSBAS) capable of decimeter real-time accuracy.

Everyone uses the same raw satellite signals, but differential corrections are another story. Because John Deere owns its own network of reference stations and processing hubs, users do not have to rely on Wide Area Application Services/European Geostationary Navigation Overlay Service (WAAS/EGNOS) or go to a third-party differential corrections service.

#### StarFire SF1.

The John Deere-exclusive SF1 differential correction signal delivers +/- 9-inch pass-to-pass accuracy, ideal for tillage, seeding, and broad-acre spraying.

#### StarFire SF2.

For those users who need higher accuracy, the StarFire 3000 can be upgraded to SF2 Ready. SF2 delivers +/- 2-inch pass-to-pass accuracy, which is ideal for row-crop planting. A SF2 subscription is also required.

#### StarFire RTK.

Use cropping practices that require the ultimate in accuracy? Then go with RTK. It provides +/- 1-inch accuracy and repeatability pass to pass. Take advantage of a John Deere dealer-owned RTK network, or set up your own.

#### StarFire RTK Radios.

The StarFire<sup>™</sup> 450 RTK Radio (FCC or Industry Canada license required) improves your signal coverage and maintains RTK's oneinch accuracy, even in challenging terrain or dense foliage conditions. The StarFire 450 RTK Radio can be used with any receiver, as well as on the same base station as a StarFire 900 RTK Radio.



#### **Dealer-owned RTK Networks**

Hundreds of millions of acres are covered and supported by John Deere dealer-owned RTK networks. And because the towers are supported by your local dealer, you can operate with the confidence that someone you know and trust will be there to answer your call when you need help.

### AutoTrac<sup>™</sup> Precision Guidance

Compatible with: GreenStar<sup>™</sup> Displays and StarFire<sup>™</sup> 3000.

If you haven't experienced AutoTrac assisted steering yet, call your dealer today and ask to take a test drive. AutoTrac hands-free guidance is truly one of those solutions where you'll see and feel the difference immediately.

#### AutoTrac SF1

AutoTrac SF1 is a hands-free guidance solution that provides 9-inch pass-to-pass accuracy at the StarFire receiver. AutoTrac SF1 allows you to take your hands off of the wheel as the machine travels down the most optimum pass in the field, increasing profitability and performance on many farming operations. *Ideal for: Broad-acre applications such as tillage, seeding and spraying.* 

#### AutoTrac SF2

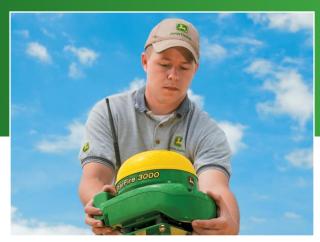
AutoTrac SF2 is at its best in row crops. Its 2-inch pass-to-pass accuracy helps you be more productive and allows you to focus on tasks other than steering, while traveling down the field. Greatly reduces driver strain and consequently reduces input costs.

Ideal for: Row-crop applications such as tillage, seeding and spraying; broad-acre harvesting, or self-propelled spraying.

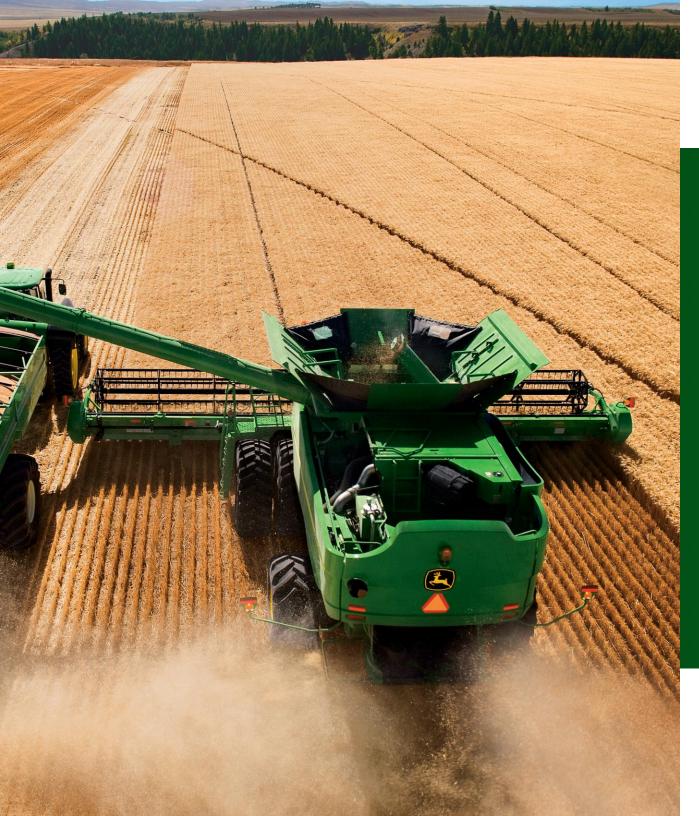
#### AutoTrac SF2 with a StarFire RTK activation

Pairing AutoTrac with a StarFire RTK activation gets you in close, with repeatable, one-inch accuracy within a 12-mile radius of the base station.

Ideal for: Sub-surface irrigation lines, high-value crops on beds, and narrow strip-tilled furrows.







### John Deere Machine Sync

John Deere Machine Sync allows the combine operator to automatically control the location of the tractor and grain cart while unloading on-the-go.

From the combine cab, a single glance at the display shows you where all the combines and tractors are in your network. As the combine operator, you can send a "ready-to-unload signal" and the software provides the combine location and bin-fill status to the cart operator, who can determine how quickly the combine will need to unload, prioritize which combine to go to first (when multiple combines are in the field), or call in additional carts as necessary. This can reduce wait time, fuel consumption, and even ground compaction.

When the tractor and grain cart pulls alongside your combine, Machine Sync lets you control the tractor's speed and location from the combine cab, to mimic the movements of the combine as it unloads. This reduces spillage and operator stress, and ensures maximum harvesting uptime for the combine.

Machine Sync is simple to set up and use, even for inexperienced operators. And the full-color GS3 2630 Display provides all machines in the network visibility to real-time logistics for every machine in the network.

### **Active Implement Guidance**

Precision counts – especially when planting or working potato fields, strip-till corn or cotton, or specialty crops. That's why you need Active Implement Guidance. It's an active implement guidance system that keeps your tractor and implement on the same A-B line. So not only do you get increased accuracy for input placement, but also unmatched repeatability at the implement. The benefits are clear: Reduced input costs, less disturbance of post-emergent crops, and easier operation, especially on guess rows.

To put Active Implement Guidance to work on your operation, here's what you'll need:

- A John Deere 8000, 9000 8R or 9R Series Tractor (either wheels and tracks), or large-frame 7030 Series Tractor, equipped with integrated AutoTrac™
- Two StarFire<sup>™</sup> 3000 Receivers with an RTK activation: one each for the tractor and implement
- An AutoTrac<sup>™</sup> activation
- An Active Implement Guidance Controller
- Implement steering mechanism

### **Pivot Pro**

Pivot Pro (compatible with GS3 and GS2 displays) allows automatic guidance in defined concentric circles in fields with center-pivot irrigation systems. Pivot Pro brings the value of AutoTrac<sup>™</sup> to producers using center-pivot irrigation, which includes reducing overlap and operator fatigue, while increasing productivity and profitability.





### iTEC<sup>™</sup> Pro

How do you make AutoTrac<sup>™</sup> even better? With Intelligent Total Equipment Control. iTEC Pro is an activation for the GreenStar 3 System installed on 8030, 9030 and 8R/8RT and 9R/9RT Series Tractors that coordinates vehicle and implement functions with end turns. Plus, this system positions the tractor and implement correctly for the next pass, which increases both accuracy and efficiency.

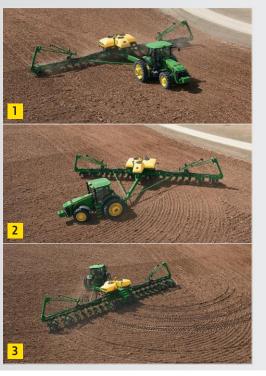
Here's how it works:

1. As you approach your headland, iTEC Pro works with AutoTrac guidance through your GreenStar 3 display to automatically ...

2. Raise the implement and turn the tractor...

**3.** And reengage the implement, all hands-free.





iTEC Pro is compatible with the StarFire 3000 receiver and GreenStar 3 2360 Display.

### AutoTrac<sup>™</sup> RowSense<sup>™</sup>

Reap the rewards of a hands-free corn harvest

AutoTrac RowSense is the next step to pinpoint accuracy in corn harvesting. Fusing satellite correction data from the StarFire<sup>™</sup> receiver with feeler data gathered from row sensors enables you to operate hands-free in corn, even in weedy conditions, curved passes, and downed corn.

AutoTrac RowSense is available for any combine and new and older John Deere and non-John Deere corn heads. See your dealer for compatibility details.



### iGrade<sup>™</sup> – Automated Water Management

For an advanced approach to leveling, ditching, grading, and plane generation, choose iGrade. This application automates the hydraulic commands of a scraper blade or pan, making your water management practices hassle-free. The Distance Trip feature lets you engage the tractor's hydraulics based on distance traveled – a real advantage when creating furrows in headlands. iGrade also automates Surface Water Pro<sup>™</sup> Plus, so ditching is even easier.

### Surface Water Pro<sup>™</sup> Plus

Build levees and ditches easily – no lasers required. This software lets you see everything on your GreenStar<sup>™</sup> 3 2630 Display. One person can work a field in less time, reducing fuel and labor costs.





The dial on the Surface Water Pro Plus screen allows you to steer the tractor left or right to keep elevation consistent. The levee track is recorded so you can use AutoTrac to automatically follow the correct path the next time you're in the field.



### John Deere Implement Detection

Reduce operator errors and ensure implements are set up exactly the same from year to year. Add Implement Detection to your equipment and your operators will no longer have to remember their last settings and offsets.

When a piece of equipment with Implement Detection is connected to a tractor using the GreenStar™ 2630 Display, you get a notification on the screen indicating the implement's name, connection type, and other settings you've made previously. You can simply accept the settings and start working... or make adjustments as necessary.

The next time you hook up your tillage equipment, the system remembers the last settings you used, saving you valuable time and letting you get to work faster.

### GreenStar<sup>™</sup> Rate Controllers

Add new capabilities and better in-field performance to your GreenStar<sup>™</sup> 3 2630 Display, without the cab clutter. Rate Controllers allow your display to integrate with many implements, such as nutrient applicators, sprayers, manure applicators, liquid fertilizer applicators and planters.

As input costs have increased, minimizing the number of passes taken through the field has become more important. Rate Controller and Section Control allow you to combine multiple operations into one. Rate Controller helps you accomplish rate control and map-based prescriptions.

The GreenStar<sup>™</sup> Rate Controller is a component that allows the GreenStar display to integrate with many implements, such as non-John Deere pull-type sprayers, anhydrous ammonia applicators, liquid manure spreaders, liquid fertilizer systems, and some planters.

GreenStar Rate Controller Dry is a component that allows the GreenStar 3 2630 Display to integrate with non-John Deere self-propelled and pull-type dry box spinner spreaders and single tank air carts.





### John Deere Section Control

Whether on sprayers or CCS<sup>™</sup> planters, Section Control lets you reduce input costs by automatically turning sections on and off. By shutting off sections where product has already been applied or planted or when crossing over waterways, Section Control helps to reduce input costs and environmental impact. Paired with AutoTrac<sup>™</sup>, you can eliminate skips and overlaps, reducing your seed or input costs and increasing yield potential.

Install a StarFire™ 3000 RTK receiver with a StarFire RTK activation on your tractor and a GreenStar 3 2630 or GreenStar2 1800 Display in your cab, and take control of your seed costs when you utilize AutoTrac and Section Control. Automated steering and section control help to eliminate skips and overlaps, so seed costs can go down and your yield potential can go up.



### John Deere Mobile Weather

Mobile Weather uses a sensor to display and document realtime weather on the GreenStar<sup>™</sup> 2630 Display, including, wind speed and direction, Delta T\*, temperature, and relative humidity.

Unlike other systems, which force you to stop spraying, climb out of cab, and use a hand-held device to check prevailing weather conditions, Mobile Weather lets you make in-cab product application decisions based on location-specific data.

You can also input your own spraying parameters into the system, and receive notifications when the present conditions are outside these preset parameters.

\* Delta T is an important indicator for determining acceptable spraying conditions. It indicates evaporation rate and droplet lifetime, and is calculated by subtracting the wet bulb temperature from the dry bulb temperature.



# Joining forces to bring you more precision

Sometimes, in doing business, you find an opportunity to work with another company to carry products that complement John Deere equipment. Your John Deere dealership now carries a select group of **Raven Industries** precision products to help you improve the efficiency of your nutrient and chemical application.

1. Raven **AccuFlow**<sup>™</sup> is a trusted NH3 application system that delivers superior accuracy, ease of operation and reliable results. AccuFlow is an intricate part of the John Deere NH3 system that ensures your crops get the NH3 they need where they need it.

2. Raven **Sidekick<sup>™</sup>** is a direct injection system for liquid chemicals, including injecting nitrogen stabilizers during NH3 applications, that will save you time and money by reducing chemical waste and eliminating sprayer tank mixing and rinsing. Raven **Sidekick<sup>™</sup> Pro<sup>™</sup>** is an ISO direct-injection system that improves efficiency when spraying chemicals or applying nitrogen stabilizers with anhydrous ammonia (NH3). With this system, you can spend more time in the field and cover more acres per day, ultimately saving money, effort, and time.

3. Raven **SCS 450**<sup>™</sup> is an entry-level console for customers who require automatic rate control for liquid and NH3, without a major investment. (Shown with Sidekick console).

4. Raven **SCS 660M<sup>™</sup>** is an entry-level console for customers who need automatic rate control for dry fertilizer and liquid manure, without a major investment.

5. Raven **SmartBoom**<sup>™</sup> is a good option to ease into automatic section control.

6. & 7. Raven **AutoBoom™ PowerGlide Plus™** and **UltraGlide™** control the height of your boom to maintain a more uniform spray coverage and put less wear and tear on the boom. PowerGlide Plus uses wheel sensors to control boom height. UltraGlide uses ultra-sonic sensors to control boom height.

Raven Industries, AccuFlow, Sidekick, Sidekick Pro, SCS 450, SCS 660M, SmartBoom, AutoBoom PowerGlide Plus and UltraGlide are third-party trademarks. Used with permission.



### John Deere Field Connect

You already know that moisture levels vary from field to field and plot to plot, but knowing when yield-robbing variances occur isn't as easy to predict. Now it is with John Deere Field Connect in-field monitoring. This straightforward solution helps you pinpoint where crops thrive, resources are protected, and profits soar.

Intuitive and easy to use, John Deere Field Connect comes with the full support of your John Deere dealer. Field Connect uses field-installed probes to monitor moisture levels at various depths. It then sends the information to the web-based interface where you can see the data on your computer or mobile device. At the office or in the field, you and your John Deere dealer can instantly see if your soil moisture levels are balanced and decide what measures need to be taken. Without delay or guesswork, you can advise your crew to make the adjustments needed to protect your yields and reduce costs.





### John Deere Harvest Identification, Cotton

Module identification and manual tagging are a thing of the past — as are the extra resources needed to conduct these functions. Using the RFID reader on board the 7760 Cotton Picker, the system reads the RFID serial numbers embedded in the module wrap, documents 11 of the most important data points during module formation to improve traceability of cotton modules as they move from the field to gin lot and through the ginning process, and sends the information to the Application Controller. The controller collects the information and simultaneously displays the module count and serial number, and stores the information as a .txt file on the GreenStar™ 3 2630 Display. Once the information is collected it can be easily pulled off the display via USB drive and sent electronically to the gin.

Operators can continue to harvest with module information continuously stored on the Display. At the gin, the system tracks modules back to the field to help understand lint yield, and validate varieties of cotton planted – especially important to gins that produce specialty blends.

### JDLink<sup>™</sup> – Farming from afar

Whether you manage employees and an entire fleet or own and operate your own equipment, your challenges are similar: keeping the equipment in prime condition, managing costs and promoting efficiency, and protecting your investment. With JDLink\* and Remote Display Access, accomplishing these tasks is simpler than ever. No matter whether you're at home or in the office, you also can be in the field actually seeing your operator's screen on your computer, smartphone, or tablet.

And now, by partnering with your dealer and using JDLink, remote diagnostics for your tractor is a reality. Your dealer can use the JDLink system to connect to your tractor and retrieve diagnostic trouble codes, diagnostic recordings, and maintenance data. This means the dealer can identify problems or maintenance needs before the technician leaves the dealership, to get you the needed parts as fast as possible. The benefits: greater efficiency and improved uptime. JDLink Ultimate is available on many models of John Deere self-propelled equipment; JDLink Select is available for all makes, all models with a 12-volt hook-up to complement your fleet.

\*JDLink requires a cellular data connection to transfer information from machine to JDLink website. Consult your local John Deere Dealer for coverage availability.





#### JDLink Select offers:

- Machine hours
- Geofencing
- Curfew alerts
- Maintenance management
- Machine utilization profile
- Road maps, satellite map locations, and driving directions

#### JDLink Ultimate offers the same features as JDLink Select, plus:

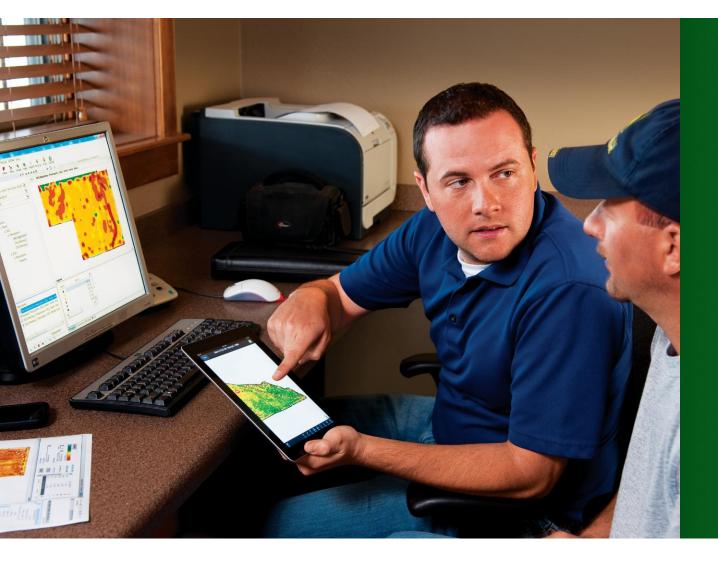
- Machine states (ie, working vs. idle)
- Advanced machine utilization
- Customer alerts
- Export/scheduled email report
- Remote diagnostics via diagnostic trouble codes
- Machine comparison
- System usage information (percent of AutoTrac utilization)

### AgLogic<sup>™</sup>

The AgLogic system is a proven software program delivering the right resources to the right place at the right time. Combining GPS, cellular technology and web-based software, AgLogic helps you manage and improve the productivity of your entire fleet, even non-John Deere machines, from any computer with Internet access. Manage work orders, schedule and dispatch applicators and tenders, all while getting real-time location information. Wirelessly transmit prescriptions to handheld devices and automatically send work order information to the field and back.







### APEX<sup>™</sup>

APEX is software that lets you turn data you've collected in the field into intelligent, well-informed decisions back at the office. APEX works with data and applications from your GreenStar display. Standardized set up lists, automated unloading processes, plus integrated features reduce the amount of time required to manage data, giving you more time to manage the rest of your operation.

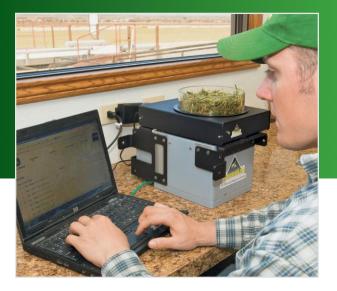
### Mobile Farm Manager

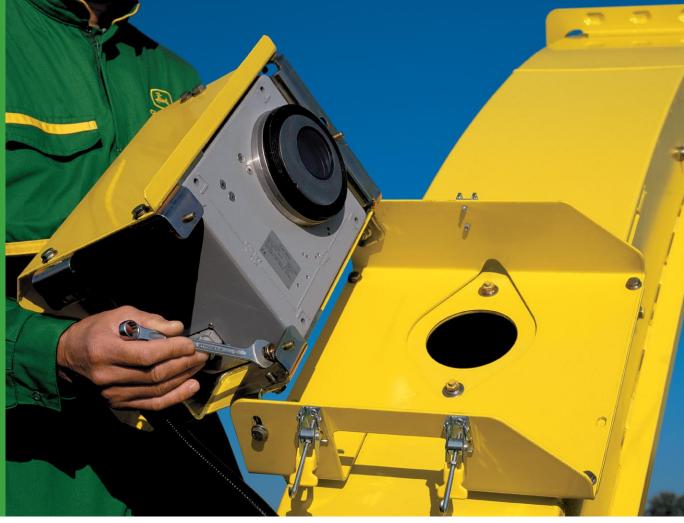
John Deere Mobile Farm Manager gives you access to your data, no matter where you are. Define soil grids, track sample numbers and easily navigate from one field to the next from your phone or tablet. You can associate notes, flags, or even images to a specific area in the field where you are seeing a problem, and it's all compatible with Apex. A "share" feature allows you to easily share data with trusted service providers and business partners. Moving data between Apex and Mobile Farm Manager is easy, too.

Mobile Farm Manager is compatible with iOS devices including iPhone and iPad. It is recommended to be on the latest version of iOS software prior to download.

### HarvestLab<sup>™</sup> Sensor

The HarvestLab moisture sensor uses Near-Infrared Technology (NIR) for accurate readings that aren't affected by humidity or atmospheric conditions. You'll get instantaneous moisture data, as well as yield data, that can be used in the cab to make informed decisions during harvest. The information can also be stored for later analysis and reporting.





Couple the HarvestLab sensor with the HarvestLab stationary kit for an easy-to-use solution for gathering data about your crop.



### **Constituent Sensing**

Beef and dairy producers can now determine corn silage nutrient quality when using John Deere HarvestLab. In addition to dry matter content, which HarvestLab has traditionally been used to measure, the expanded Constituent Sensing capabilities will be able to predict crude protein, starch and fiber (ADF/NDF), which are important nutrient factors in livestock feed. These constituent sensing calibrations have been developed for John Deere in partnership with DairyLand Labs, a recognized expert in forage analysis.

With real-time nutrient analysis, producers and nutritionists can more easily and quickly analyze feed rations for crude protein, fiber and other factors and make adjustments on a daily basis to improve nutrition and reduce feed variability.

The Constituent Sensing enhancement also enables more precise application of silage innoculants at harvest because rates can be adjusted according to crop and dry matter readings. The result is higher quality silage with greater feed value and less spoilage.

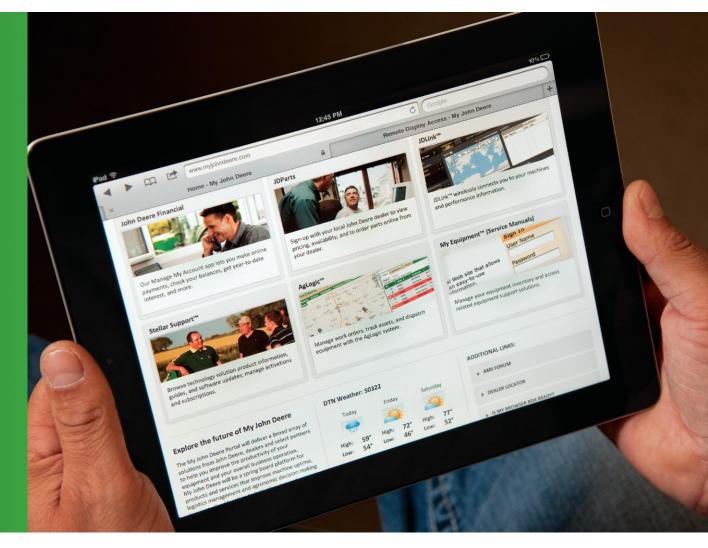
### MyJohnDeere.com

To help you manage your equipment, production data and farm operations from a single website, you can simply visit MyJohnDeere.com.

MyJohnDeere.com is a centralized online portal to access, view, archive and manage business information.

To save time, you can use a single sign-on for multiple John Deere applications.

And you can stay connected on-the-go – access the website from your computer or other internet-enabled device.



DISPLAY		GreenStar™ 3 2630*	GreenStar 3 CommandCenter™*	GreenStar 2 1800*
DISPLAY FEATURES	Color screen	•	•	•
	Touch Screen	•	Optional	
	Integrated Display Control		•	•
	ISO Virtual Terminal Version	VT3	VT2	VT3
	USB Data Port	•	•	•
	Screen Size	10.4 in.	7 in.	7 in.
	Internal Hard Drive	800 MB	400 MB	400 MB
	Access Manager (User Lock-out)	•	•	
	Video Camera Support	Up to 3 inputs	One input (Touchscreen only)	
	Video Triggers	Armrest only	Optional per machine (Touchscreen only)	
	Remote Display Access	•		
	Flags	•		
	On-Screen Mapping	•	•	•
	Boundaries	•	•	•
GUIDANCE	Parallel Tracking	•	•	•
	AutoTrac <sup>™</sup>	•	•	•
GOIDANCE	AutoTrac <sup>™</sup> RowSense <sup>™</sup>	•	S-Series Only	
	John Deere Machine Sync	•		
RECEIVERS	StarFire <sup>™</sup> 3000	•	•	•
	StarFire <sup>™</sup> iTC	•	•	•
	Harvest Doc <sup>™</sup>	•		
DOCUMENTATION	Field Doc <sup>™</sup>	•		
	Map Based Prescriptions	•		
	Pivot Pro <sup>™</sup>	•	•	•
	iTEC <sup>™</sup> Pro	•		
	Surface Water Pro <sup>™</sup> Plus	•		
	Section Control <sup>™</sup> (ISO Compatible)	•		
	Swath Control Pro <sup>™</sup>		•	•
	Harvest Identification, Cotton	•		
	Mobile Weather	•	•	•
	Harvest Monitor <sup>™</sup>	•	•	•
SOLUTIONS	GreenStar <sup>™</sup> Rate Controllers	•		
	Active Implement Guidance	•		
	iGrade <sup>™</sup>	•		
	SprayStar <sup>™</sup>	•	•	•
	SeedStar <sup>™</sup>	•	•	•
	SpreadStar <sup>™</sup>	•		
	Original AutoTrac <sup>™</sup> Universal	•	•	•
	AutoTrac <sup>™</sup> Universal 200	•	•	•
	AutoTrac <sup>™</sup> Controller	•*	•	•
	HarvestLab <sup>™</sup>	•	•	

The right support

There's certainly an impressive list of reasons to invest in precision technology...but one of the best reasons is the long line of people who stand behind every product. We encourage you to visit your John Deere dealer today. Your dedicated and specially trained AMS staff is ready to help you get the most out of your experience.



The support you need, when you need it:

- 24/7 phone support, available
   362 days a year: 1-888-476-7827
- Activation line:1-888-953-3373
- JDLink support: 1-800-251-9928 or jdlinksupport@JohnDeere.com
- www.StellarSupport.com

\* See dealer for compatible scenarios.

### Easy to buy, easy to own.

We make sure nothing stands between you and the GreenStar<sup>™</sup> products you need. When you're ready to make the leap to GreenStar precision, we're ready with financing<sup>\*</sup> options, attractive rates and flexible terms to make your decision and your access to our products easy and affordable.

USA: www.JohnDeereFinancial.com Canada: www.JohnDeereFinancial.ca \*Subject to John Deere Financial approval and dealer participation. Minimum finance amount may be required. See dealer for details. Programs subject to change, without notice, at any time.

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