

John Deere GreenStar™ 3 2630 Display

Competitive Comparison Document

The GreenStar 3 (GS3) 2630 Display competes directly with:

- Trimble AgGPS® FmX
- Ag Leader® INTEGRA™
- Raven Viper Pro

All these displays feature a 10 inch or larger color touch-screen with:

- Guidance functionality
- Documentation ability
- Application control capabilities

Each display can be used across multiple vehicle and implement configurations, though varying levels of compatibility exist. Some of these displays have additional functionality including:

- Machine control
- Video
- Topography control
- Implement guidance

The following are things to remember when comparing the GreenStar 3 2630 to other displays:

- All competitors sell and package their displays, receiver components, and applications differently.
- For a true apples-to-apples comparison, you must compare the features and price of the entire system.

View the system comparisons below to see for yourself!

Basic Features	John Deere™ GreenStar™ 3 2630	Ag Leader® INTEGRA™	Trimble® AgGPS® FmX	Raven Viper Pro
Performance Monitor	Base	Base	Base	Base
Coverage Mapping	Base	Base	Base	Base
As-applied Mapping	Base	Base	Base	Base
Boundaries	Base	Base	Base	Base
Manual Guidance	Base	Base	Base	Base
ISO Virtual Terminal	Base	Base	N/A	N/A
Video Camera Capable	Base	Base	Base	N/A
GLONASS	Base via StarFire™ 3000	Optional via Activation	Optional via Activation	N/A
Integrated Guidance	Optional via GS3 AutoTrac™ Activation + integrated vehicle kit or AutoTrac Controller	Optional via ParaDyme™ + vehicle kit	Optional via AgGPS® AutoPilot™ + Vehicle kit	Optional via SmarTrax™ + Vehicle kit
Universal Guidance	Optional via GS3 AutoTrac Activation + AutoTrac Universal	Optional via OnTrac 2™	Optional via AgGPS® EZ-Steer®	Optional via SmartSteer™
Implement Guidance	John Deere™ GreenStar™ 3 2630	Ag Leader® INTEGRA™	Trimble® AgGPS® FmX	Raven Viper Pro
Passive Implement Guidance	Optional via GS3 iGuide™ Activation	N/A	Optional via TrueGuide system	N/A
Active Implement Guidance	Optional via iSteer™ Controller + implement steering mechanism	N/A	Optional via AgGPS® TrueTracker™ system	N/A
Topographic Control	John Deere™ GreenStar™ 3 2630	Ag Leader® INTEGRA™	Trimble® AgGPS® FmX	Raven Viper Pro
Automated Land-Leveling	Optional via iGrade™ Controller + Surface Water Pro™ Plus (SWPP) Activation	N/A	Optional via Activation + AgGPS® Field Level II	N/A
Levee and Ditching Applications	Optional via GS3 SWP or GS3 SWPP Activation	N/A	Optional via Activation + AgGPS Field Level II	N/A
Seeding Features	John Deere™ GreenStar™ 3 2630	Ag Leader® INTEGRA™	Trimble® AgGPS® FmX	Raven Viper Pro
Variety Documentation	Base	Base	Base	Base
Planter Monitoring	Base via SeedStar™	Optional via SeedCommand™	Optional via Tru Application Control System	N/A
Variable Rate Planting	Base via SeedStar™ + variable rate drive	Optional via SeedCommand + Variable rate drive	Optional via Field IQ™ Variable Rate control	N/A
Automated row shut-off	Optional via GS3 Swath Control Pro™ Activation + RowCommand™	Optional via SeedCommand + SureStop™ clutch or SureVac shutoff	Optional via Field IQ Section Control + Tru Count Air Clutch®	Optional via AccuRow

Product Application Features	John Deere™ GreenStar™ 3 2630	Ag Leader® INTEGRA™	Trimble® AgGPS® FmX	Raven Viper Pro
Variable Rate Application	Base	Base	Base	Base
Single Product Control	Optional via SprayStar™/SpreadStar™ GreenStar Rate Controller	Optional via DirectCommand™	Optional via Field IQ™	Optional via Activation
Multi-Product Control	Optional via Multiple GS Rate Controllers/ SpreadStar	Optional via DirectCommand + Multi-Product Activation	Optional via Field IQ	Optional via Activation
Swath Control	Optional via GS3 Swath Control Pro Activation™	Optional via Direct Command	Optional via Field IQ	Optional via AccuBoom™
Boom Height Control	Optional via BoomTrac™ or Raven ISO AutoBoom™	Optional via NORAC UC5™	N/A	Optional via AutoBoom™
Harvest Features	John Deere™ GreenStar™ 3 2630	Ag Leader® INTEGRA™	Trimble® AgGPS® FmX	Raven Viper Pro
Harvest Monitor	Base	Base	Optional via Activation	N/A
Harvest Documentation	Base	Base	Optional via Activation	N/A
Integrated Row Guidance	Optional via integrated vehicle kit + GS3 AutoTrac activation + GS3 AT RowSense™ activation + Integrated corn head sensor + kit	N/A	N/A	N/A
Universal Row Guidance	Optional via ATU or integrated vehicle kit + GS3 AutoTrac activation + GS3 AT RowSense activation + corn head universal sensor + kit	N/A	N/A	N/A
MSRP US\$ <i>(base features)</i>	\$5,895	\$4,750	\$5,995	\$4,995

N/A – Not Available

The prices and configurations listed in this table for non-John Deere components have been obtained from public sources and are believed to be accurate as of November 12, 2010. All prices and configurations in the table are subject to change at any time.

Display Comparison Summary

As shown in the chart above, each display can perform many of the same functions. However, there are many differences when considering the method of how each display provides these functions.

Basic Features

Each display provides automated guidance, but the GreenStar™ 3 2630 integrates the best with John Deere equipment.

For example, the Trimble® AgGPS® NAV II controller and vehicle kits must be purchased to run Trimble® AgGPS® AutoPilot™ system. The GreenStar 3 2630 provides plug-and-play compatibility with John Deere AutoTrac Ready platforms.

There is no entry level integrated guidance option provided by Ag Leader. Customers must purchase the ParaDyme™ system, which is a high price option for an entry level customer.

Ag Leader® and Trimble require an activation for GLONASS functionality. GLONASS is included in base price for the StarFire™ 3000 Receiver for RTK customers.

Seeding Features

Ag Leader, Trimble, and Raven require additional components to be purchased to monitor and control seeding equipment. SeedStar™ is included in base equipment on all air seeders and 1770, 1790, and DB series planters. This makes the GreenStar 3 2630 plug-and-play compatible with these seeding tools.

Product Application Features

When it comes to product control, the GreenStar solution is the most cost effective on the market. Product control systems like SpreadStar™ and SprayStar™ are base equipment when combined with a John Deere sprayer or spreader. All that is needed is a Swath Control Pro™ activation to maximize the benefits of the John Deere system; no additional hardware is required.

Ag Leader and Trimble provide multi-product control, but only through additional purchases of modules and activations. Ag Leader requires separate controllers for various applications. Product application functionality is integrated into John Deere sprayers and spreaders.

Harvest Features

Harvest monitoring and documentation are included in base equipment of the GreenStar 3 2630 and the Ag Leader INTEGRA™. An activation must be purchased for the Trimble FmX to have this functionality. Harvest monitoring is not available on the Raven Viper Pro.

An added benefit of the GreenStar 3 2630 is the ability to perform automated row guidance with AutoTrac™ RowSense in corn harvest.

The GreenStar Advantage

The GreenStar 3 2630 display has many distinct advantages over the competition.

Support

The GreenStar 3 2630 is supported by the largest dealer network in the precision Ag industry. Customers also have access to 24 hour support on StellarSupport.com.

Vehicle/Implement Integration

The GreenStar system integrates with John Deere vehicles and implements better than any precision Ag provider in the industry. Controllers for vehicle guidance, rate control, and planter shut-offs are already integrated into John Deere equipment.

Cost Effective Upgrades

John Deere provides customers a cost effective upgrade path for their software activations in order to keep customers current with the latest technology.