GreenStar™ 2 1800 Display

Competitive Comparison Document

The GreenStar™ 2 1800 Display competes directly with the:

- Trimble® CFX-750™
- Raven Envizio Pro II™
- AgLeader® EDGE.

All these displays feature a 6.5 inch or larger display. Each display can be used across multiple vehicle and implement configurations, though varying levels of compatibility exist. These displays provide functionality that includes:

- Guidance
- Seed Monitoring
- Product Application

The following are things to remember when comparing the GreenStar 2 1800 Display 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™ 2 1800	AgLeader® EDGE™	Trimble® CFX-750™	Raven Envizio Pro II™
Performance Monitor	Base	Base	Base	Base
Coverage Mapping	Base	Base	Base	Base
As-applied Mapping	N/A	Base	Base	Base
Boundaries	Base	Base	Base	Base
Manual Guidance	Base	Base	Base	Base
ISO Virtual Terminal	Base	N/A	N/A	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 OnTrac2™	Optional via EZ-Steer	Optional via SmartSteer™
Seeding Features	John Deere GreenStar™ 2 1800	AgLeader® EDGE™	Trimble® CFX-750™	Raven Envizio Pro II™
Variety Documentation	N/A	Base	Base	Base
Planter Monitoring	Base via SeedStar™	Optional via SeedCommand™	Optional via Tru Application Control™ System	Optional via OmniRow™
Variable Rate Planting	Base via SeedStar™ + variable rate drive	Optional via SeedCommand™ + variable rate drive	Optional via Field IQ™ Variable rate control	Optional via OmniRow™
Automated row shut-off	Optional via GS2 Swath Control Pro™ Activation + RowCommand™	Optional via SeedCommand™ + SureStop™ clutch or SureVac shut off	Optional via Field IQ™ Section Control +Tru Count clutch	Optional via OmniRow™
Product Application Features	John Deere GreenStar™ 2 1800	AgLeader® EDGE™	Trimble® CFX-750™	Raven Envizio Pro II™
Variable Rate Application	Base	Base	Base	Base
Single Product Control	Optional via SprayStar™ or GreenStar™ Rate Controller	Optional via DirectCommand™	Optional via Field IQ™	Optional via activation
Multi-Product Control	N/A	Optional via DirectCommand™ + Multi-Product activation	N/A	Optional via Activation
Swath Control	Optional via GS2 Swath Control Pro™ activation	Optional via DirectCommand™	Optional via Field IQ™	Optional via AccuBoom
Boom Control	BoomTrac™/ Raven ISO AutoBoom™	Optional via NORAC UC5™	N/A	Optional via AutoBoom
Harvest Features	GreenStar™ 2 1800	AgLeader® EDGE™	Trimble CFX-750™	Raven Envizio Pro II™
Harvest Monitor	N/A	Base	N/A	Optional via SmartYield™
Harvest Documentation	N/A	Base	N/A	Optional via SmartYield™
MSRP US$	$1,695	$2,195	$2,995	$3,995

N/A – Not Available

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™ 2 1800 Display 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 2 1800 Display provides plug-and-play compatibility with John Deere AutoTrac Ready platforms.

There is no entry level integrated guidance option provided by AgLeader®. 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

AgLeader, Trimble, and Raven require additional components to be purchased to monitor and control seeding equipment. SeedStar™ is base equipment on all air seeders and 1770, 1790, and DB series planters. This makes the GreenStar 2 1800 Display 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 for John Deere sprayer customers. The SprayStar™ product control system is compatible with the GreenStar 2 1800 Display and a John Deere 4630 sprayer. All that is needed is a Swath Control Pro™ activation to maximize the benefits of the John Deere system; no additional hardware is required.

AgLeader and Trimble provide product control, but through modules and activations that must be purchased. AgLeader requires separate controllers for various applications.

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The GreenStar™ Advantage

The GreenStar 2 1800 Display has many distinct advantages over the competition.

Support

The GreenStar 2 1800 Display is supported by the largest dealer network in the precision Ag industry. Customers also have access to 24 hour support through StellarSupport.com.

ISOBUS compatible

John Deere is a leader in ISOBUS compatibility. The GreenStar 2 1800 Display can plug-and-play with many ISO implements and ISO controllers, expanding John Deere compatibility with other manufacturers.

Vehicle/Implement Integration

The GreenStar system can integrate with John Deere vehicles and implements better than any precision Ag provider in the industry. The GreenStar 2 1800 Display is plug-and-play compatible with any AutoTrac™ Ready platform, as well as SprayStar™ and SeedStar™ controllers.

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. Customers can upgrade their GreenStar 2 software activations to GreenStar 3 software activations for MSRP US $250.

Value Priced

For customers looking for entry level precision Ag systems at a low price, nothing beats the GreenStar 2 1800 Display.