FarmTRX™

Yield Monitor Pro

Introducing the next generation of Yield Monitor.

The PRO features a suite of design and processing improvements, including:

- Updated GPS module leveraging the latest in free satellite space-based corrections with global coverage and no set-up required
- Design improvements for increased ruggedness
- Faster processing to support multi-platform integrations



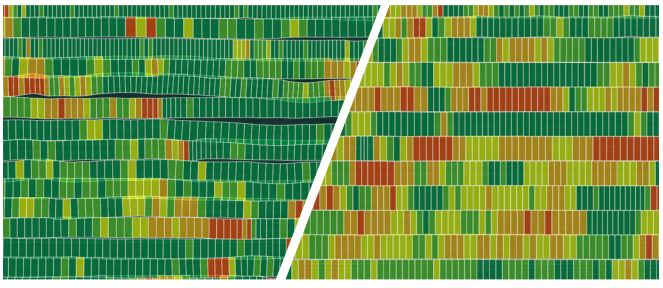


Hardware Upgrades

- Featuring a survey-grade, harsh environment GPS antenna
- Multi CAN channels to record engine and/or implement bus data (example, fuel burn and engine load)
- 4 RGB LEDs to simplify system diagnostics and improve system feedback
- Ruggedized dustproof and waterproof IP67 enclosure (installation outside of the cab now possible)

Technical Upgrades

- Multi-band L1/L2/L5 GPS module that uses Precise Point Positioning (HAS, B2b) to provide 5 cm horizontal accuracy
- Equipped with 4G cellular modem for real-time data sync to the Web App
- Faster Bluetooth® LE (improved file transfer speed)
- Increased processing power and RAM



YM PLUS WAAS *YM PRO PPP*

Harvest Pass GPS Accuracy

Coming soon to the FarmTRX store

FarmTRX™

Yield Monitor Pro

What's changed from Yield Monitor Plus+ to Pro?

	Plus+	Pro
Positional Accuracy	• Sub-meter DGPS in SBAS regions (North America/Europe), 20 cm accuracy with RTK	• 5 cm horizontal accuracy, 10 cm vertical accuracy using free PPP satellite correction with global coverage, (0.8 cm horizontal and 1.5 cm vertical accuracy using RTK)
Wireless Connectivity	• Bluetooth® 4.2	• Bluetooth® 5 • 4G cellular • Roadmap allows for future remote configuration, automatic data syncing from ECU to the cloud, real-time monitoring in cloud
Integrations	• 1 CAN channel for output of position/yield/moisture values	• 3 CAN channels • Roadmap allows for ability to connect to engine/implement CANbus, task controller software to display yield in factory (OEM) display
Antenna	• Triple band patch antenna • VHB mount	• Triple band survey-grade antenna • Magnetic mount • Ruggedized housing • High phase center stability • Higher gain and beam width for tracking low elevation satellites • Anti-interference performance • Robust RG58 TNC wire
Processor		• Expanded IO and 5X the RAM of previous generation Yield Monitor
Enclosure	• Single LED • Not dust/waterproof • Installation inside the cab required	• 4 status LEDS • Dustproof/waterproof • Installation available outside of the cab

Roadmap

Future developments coming to the Yield Monitor Pro:

- Live yield mapping—Real time, colour themed yield maps viewable in the FarmTRX mobile app.
- Background data sync and remote configuration with 4G SIM—Removes manual data upload process through the mobile app.
- Digital elevation maps—Elevation map layer available in the Web App for comparing and identifying effects of elevation on yield performance.
- Partial swath detection – Automatic detection and correction of partial rows.