

FarmTRX™

2026 Product Catalogue



Contact Information

FarmTRX Head Office
43 Auriga Drive, Ottawa, Canada
K2E 7Y8

Info@farmtrx.com
1-800-991-5136
www.farmtrx.com

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FarmTRX™

INTRODUCTION

FarmTRX is a maker of hardware and software products that assist farmers to get harvester data from the machinery already in operation on their farm. The FarmTRX retrofit yield monitor system is an innovative, affordable solution to getting precision yield data and automated yield mapping on any grain farm, regardless of the combine make, age or model.

FarmTRX products are:

- Universal to install, running on combines spanning from 1969 to new-from-factory 2025 machines.
- Easy to adopt, FarmTRX leverages IoT (Internet of Things) solutions to make yield mapping simple, intuitive and flexible for the use cases and demands of all different operations.
- Industry leading, FarmTRX is the most affordable precision yield monitor commercially available using Precise Point Positioning (free satellite) corrections source with no setup required by the farmer. It is the only yield monitor kit that comes with automated yield data correction and map creation and the most feature-rich retrofit yield monitor available for farmers.

Over
5 million
acres mapped

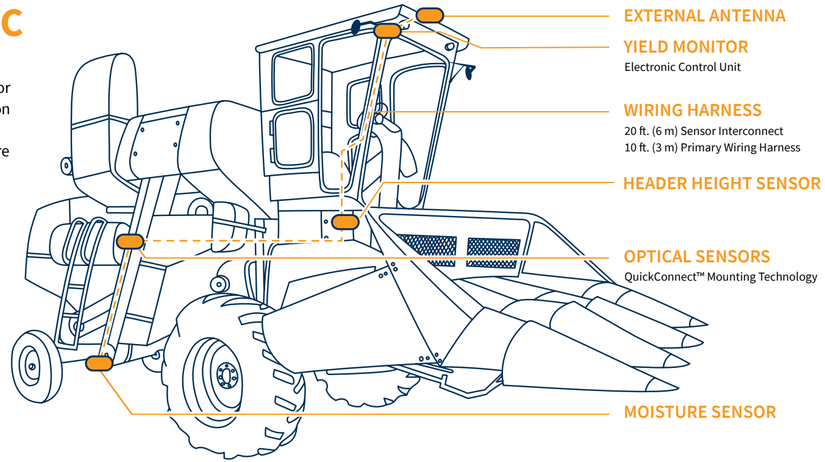
Operating in
45+
countries

Developed & assembled in
Canada



YIELD MONITORING SYSTEM SCHEMATIC

The FarmTRX harvest monitoring system is comprised of the Yield Monitor, Moisture Sensor and Header Height Sensor. This universal solution can be installed on any combine make, age or model and includes all the necessary hardware and software components to get started with precision yield mapping.



Every Yield Monitor comes with:

YIELD SENSORS



HARNESSES AND CABLING



INSTALLATION MATERIALS



GPS ANTENNA



*All FarmTRX products are covered by a 2-year product hardware guarantee.



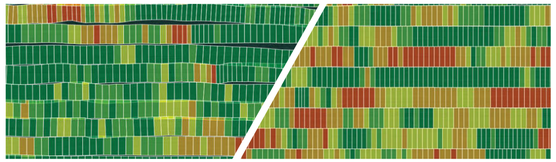
YIELD MONITOR PRO

The Pro is the flagship Yield Monitor from FarmTRX, featuring a universal install on any combine, optical sensor technology for measuring grain volume and free satellite space-based corrections source with no setup or configuration required.

- Universal Installation
- Simple Calibration
- Post-Harvest Calibration
- Bluetooth® Connectivity
- Free Space-Based Corrections (PPP HAS)
- RTK Capable
- 4G SIM
- Multi-CAN
- Dust/Waterproof Enclosure
- Live Mapping (2026 feature)

Item Code: AG-YMK-3000

HARVEST GPS PASS ACCURACY



YIELD MONITOR PLUS+ WAAS

YIELD MONITOR PRO PPP



YIELD MONITOR LITE

Yield Monitor Lite is an entry-level option for farmers who are looking for a basic feature set at a lower price point. Still, Yield Monitor Lite offers big improvements compared to Yield Monitor Plus+: rugged enclosure (IP67), faster processor, more memory, upgraded GNSS module (DGPS and RTK), and robust electronics that offer transient voltage protection.

- Universal Installation
- Simple Calibration
- Post-Harvest Calibration
- Bluetooth® Connectivity
- RTK Capable

Item Code: AG-YMK-2510

YIELD MONITOR TECHNICAL COMPARISON

	LITE	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, (0.8cm horizontal and 1.5 cm vertical accuracy using RTK)
WIRELESS CONNECTIVITY	• Bluetooth® 5	• Bluetooth® 5 • 4G cellular • Road-map 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 • Road-map 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 adhesive tape mount	• Triple band survey-grade antenna • Magnetic mount or VHB adhesive tape 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	• More memory and faster processor compared to Yield Monitor Plus+	• Expanded I/O and 5x more RAM over the previous generation Yield Monitors
ENCLOSURE	• 4 status LED interface • Dust-proof/waterproof • Installation inside or outside of the cab	• 4 status LED interface • Dust-proof/waterproof • Installation inside or outside of the cab

ADD-ON SENSORS

FarmTRX offers a suite of additional harvest sensors that can be added to the Yield Monitor for more powerful yield monitoring and machine insights.

Header Height Sensor

The Header Height Sensor delivers real-time relative combine header height to the Yield Monitor, improving in-field area calculation and giving live cut-height feedback to the operator through the Mobile App. It is a retrofit installation that can be added to any combine and compatible with Yield Monitor Pro, Plus+, Base or 2.0.

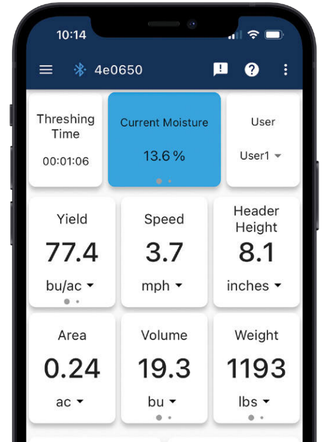
How It Works

- Two Inertial Measurement Units (IMU) install on the combine frame and feederhouse to determine sensor orientation to ground
- Accurate header height results whether the combine is traveling uphill, downhill or tilted on sidehills

Item Code: AG-HSK-1000/AG-HSK-1001







Moisture Sensor

The Moisture Sensor delivers on-the-go grain moisture monitoring to the Yield Monitor. It installs on the clean-out hatch door at the base of the clean grain elevator in a location where grain flow is consistent. The Moisture Sensor takes capacitance readings of flowing grain during harvest and records live and average grain moisture values viewable to the farmer via the Mobile App.

How It Works

- Installation on any combine with a minimum clean-out hatch door width of 6”
- The Moisture Sensor has a ceramic sensor face and stainless steel flange for good durability in a high-wear environment

Item Code: AG-MSK-2500



In-Cab Display and Mounting Station

The Display is a 7” ruggedized Android tablet that serves as a dedicated screen for running the FarmTRX Mobile App in the cab during harvest. The Display features a rugged design that is water-resistant, drop-proof and dust-proof. Farmers can choose to add the Display or use their own phone or tablet to connect to the hardware and run the Mobile App.

Constant Charge and Compatible Mount

Every Display package comes with one compatible RAM® mount (customer chooses from available models) and mounting station providing constant charge in the cab during harvest.

Item Code: AG-DP-1002





INSTALL & SET-UP

Installation

With QuickConnect™ optical sensor install method, installation is quick and simple. Using the provided drill bits and guides, users can install the complete yield monitor system in 2-4 hours on any combine.

Getting Set-Up: In the Yard

Farmers connect to the Yield Monitor via Bluetooth© on their mobile device or the FarmTRX Display. Firmware updates are done over-the-air, so a simple app update will get you the latest features when they arrive. In the mobile app, farmers will choose their crop types, headers, units and tare the combine elevator paddles by performing a sensor calibration (combine stationary with threshing clutch engaged).





Getting Set-Up: In the Field

For accurate live yield and moisture readings in the cab on the FarmTRX app, the farmer performs an in-field crop calibration during harvest for each new crop type.

Calibration can be done with a volume or weight measurement and should be completed in a representative part of the field. This is a simple process and can adapt to whatever equipment the farmer has available for measuring a harvested sample (known volume of the grain tank/cart, using equipment with scales or the elevator ticket).

Post-Harvest

If the combine operator did not complete a crop calibration during harvest, they may still get accurate yield maps for the field by performing a post-harvest calibration for the collected data in the Web App. Yield data can be edited after harvest by adding a known yield (entire field total) and the calibration will be applied to the data-set.

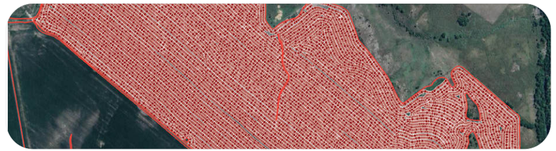


THE WEB APP

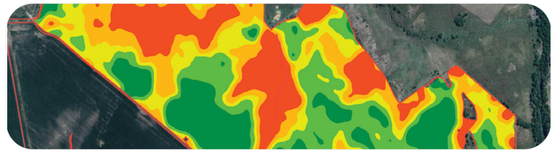
Automated Yield Mapping

When they desire, farmers will sync their FarmTRX yield data wirelessly from the Yield Monitor to the Web App for processing. Registration for the Web App includes full automation of yield data clean-up and processing into precision yield and moisture maps for one year after purchase of the system.

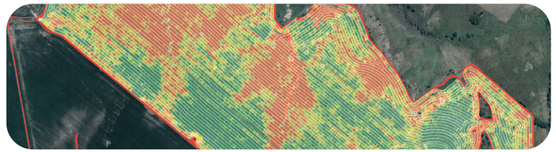
The Web App's data processor automatically detects and corrects yield inconsistencies recorded by the monitor while harvesting such as hills, unloading points, sharp starts and stops, partial swaths, multiple combines with different calibrations in the same field; ultimately producing a suite of usable, agronomy-ready maps for every field.



Raw Yield Points



Trend of Yield Map



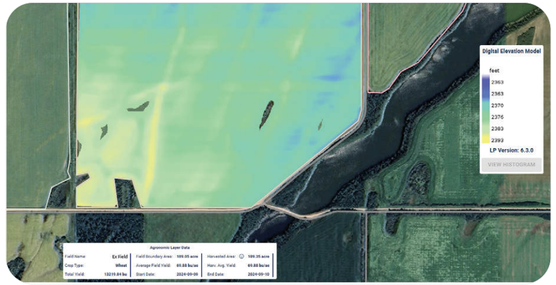
Swath Map (soybean field, 74 ha.)

Yield Data Export Without Mapping

For users who are not interested in automated yield mapping or third-party integrations, a free Web App account is available. The free version sorts and organizes all yield data into fields categorized by year and crop type. Data may always be manually exported in .shp file format for use with other agronomic tools.

Mapping with Yield Monitor Pro

Enhanced vertical accuracy available through PPP HAS corrections or with RTK allows for the creation of a Digital Elevation Map in the Web App for every field.



Digital Elevation Map (wheat field, 76 ha.)

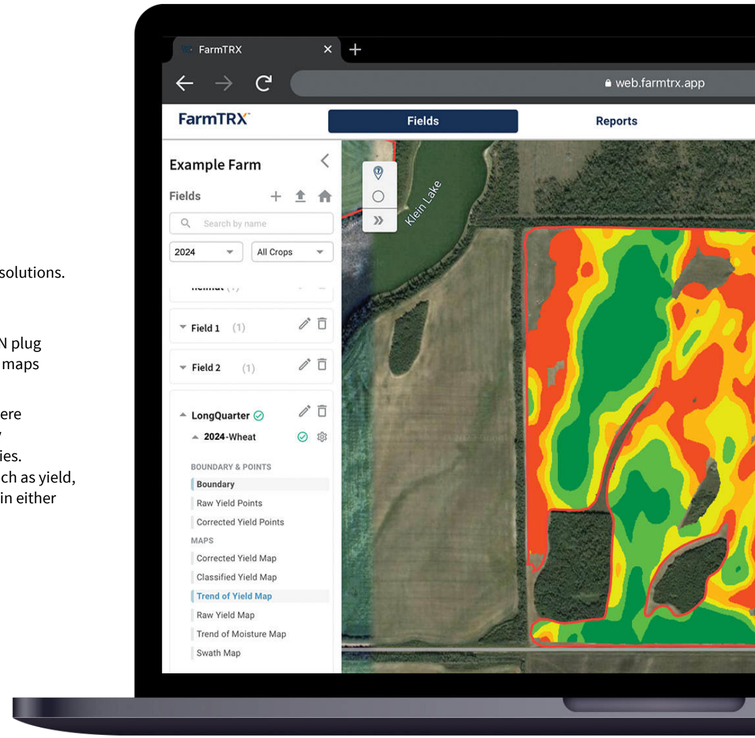
Integrations

The FarmTRX system can be integrated with other major agriculture solutions. FarmTRX currently supports integrations with Climate FieldView™, John Deere Operations Center™ and PTx Trimble.

For live mapping in cab, users can plug a FieldView Drive into the CAN plug on the FarmTRX wiring harness, getting real-time yield and coverage maps on their iPads with the FieldView Cab App.

The FarmTRX Web App can be linked via API directly to both John Deere Operations Center and Trimble Ag Software. Users can automatically bi-directionally sync all client-farm-field structure and field boundaries. Every parameter measured by the FarmTRX yield monitor system (such as yield, moisture, operator, speed, elevation, etc) can be synced and viewed in either platform for complete agronomic analysis.

Additionally, farmers using a PTx Trimble GFX Display can download the FarmTRX mobile app from Trimble Ag App Central and run it on their display during harvest.



JOHN DEERE OPERATIONS CENTER™ CONNECTED

CLIMATE FIELDVIEW™

PTx Trimble



RESELLER PROGRAM

Partner with FarmTRX

FarmTRX resellers are helping more farmers get connected to the latest in affordable harvest monitoring hardware and mapping solutions on operations around the world. Whether directly serving a smaller farming community or implementing enterprise-wide/nation-wide mapping and tracking solutions to unify harvester data, FarmTRX resellers are enhancing their services by harnessing the most affordable yield monitor technology on the market.

"What we try to do in our precision program, is to measure the profitability by acre on the field. Without yield maps we cannot accurately measure what's going on in every part of the field. It's going to be simply a guess. We need the granular yield data for every part of the field to make profitability maps that help our customers make management decisions going forward."

— Bennie Dunhin, Manager of Ag Innovation at Simplot Grower Solutions Canada, FarmTRX Reseller

"As a Precision Ag company with over 25 years experience, our business success is based on great products with great after-sales support. This is precisely what we have found in FarmTRX. It is a simple and affordable tool that gives us the opportunity to deliver clear value to our customers by capturing yield data in an effortless way and creating reliable and detailed yield maps that can be easily shared and converted into site-specific profit analysis and strategic decision making."

— Jose Fernandez Moreno, Founder at Tecnosem Argentina

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