PLM RTK+ ALL MAKES

Cellular-based correction available exclusively from your New Holland dealer:

- High accuracy and availability in North America
- Fast connection everywhere and at any time
- Flexibility for a single subscription for unlimited access; compatible with all hardware
- Supports profitability in all your farming tasks (seeding, fertilizing, spraying) thanks to the signal's sub-inch accuracy
- Simplicity with a single contact for your hardware and correction signal
- Quality and reliability backed by the New Holland support team

Multi-Brand Compatibility*

Regardless of the brand, you get instant access to the high-precision PLM RTK+ network without having to manually switch from one reference station to another.

Fast and Reliable Connection

The PLM RTK+ network has a large number of RTK reference stations installed in North America – so a GPS signal is always available.

Sub-Inch Accuracy

Regardless of the geographic position of your field, you can connect to the PLM RTK+ network. It offers sub-inch accuracy, with a very short connection time.

Download the Mobile App

Keep track and monitor the status of your fleet from your mobile phone. The PLM RTK+ app is available for Android and iOS – download for FREE from the Google Play Store or Apple Store:

- Monitor your equipment and see surrounding reference stations
- Zoom in to see a specific vehicle or reference station
- View details of a vehicle or reference station
- List mode to see the active vehicles and filters

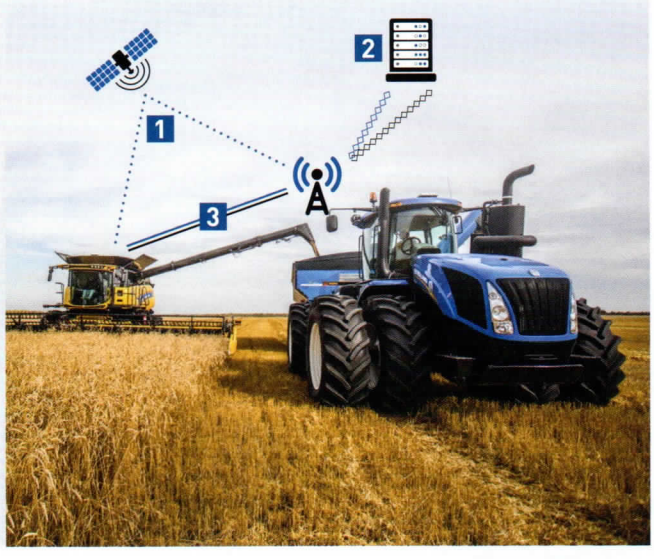
iOS Android

How Does It Work?

1. A connection is made between the satellites, your vehicle and the PLM RTK+ network
2. The information goes back to the central server for analysis of the data
3. The correction is sent to your vehicle instantly via cellular networks, which gives you sub-inch accuracy

Wherever you are, the correction is calculated from the surrounding network stations.

Contact your local New Holland dealer to determine if your area has PLM RTK+ coverage.



** Currently not compatible with John Deere's proprietary NCT data format.*

Correction Services

New Holland offers a number of corrections with three types of delivery so you can choose what is best for your operation.

Correction Accuracy and Initialization

Correction Options	Delivery Method	Accuracy						Initialization/Convergence			
		<1"	1.5"	+/-2"	2-4"	3-4"	6"	<1 min	<5 min	<30 min	<45 min
PLM RTK+											
PLM 2											
PLM 1											
CenterPoint™ RTK											
CenterPoint™ RTX™								*		**	
OmniStar® HP											
OmniStar® XP											
OmniStar® G2											
RangePoint RTX											
WAAS											

** CenterPoint RTX FAST initialization/convergence <5 min* *** CenterPoint RTX STANDARD initialization/convergence <30 min*

Delivery Method Applications

Delivery Method	Requires
	Open views of the sky at all times
	Reliable cellular coverage is available
	Established RTK base station within 8 miles

Pass to Pass

Field Operations	<1"	+/- 1.5"	+/- 2-4"	+/- 6"
Spraying				
Spreading				
Field Preparation				
Mapping				
Harvesting				
Seeding				
Planting				
StripTill				
Water Management				

IntelliSteer Lite

ALL MAKES

The New Holland IntelliSteer Lite universal steering motor works with the IntelliView III or IntelliView IV display to provide an assisted steering solution for a variety of new and legacy New Holland equipment as well as other brand vehicles.

Features

- Custom mounting kits tailored for each specific supported vehicle
- Operating speeds: 1.0 to 15+ MPH
- Reverse operation

Advantages

- Easy installation utilizing existing steering wheel
- Easily transfers from vehicle to vehicle with available transfer kit
- Common user interface and precision farming functions such as PLM IntelliSteer
- Meets OEM performance and durability requirements

Motor Drive Unit (MDU)

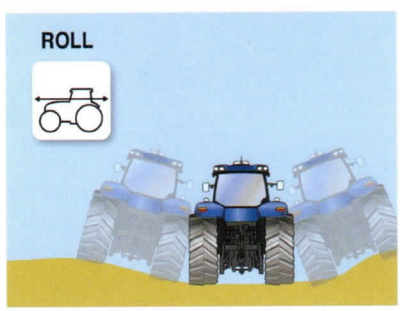
- High-torque, positive-gear drive delivers whisper-quiet operation
- High-speed motor provides quick correction response
- Manual switch quickly engages or disengages for road transport
- Split-ring assembly design allows for installation and removal

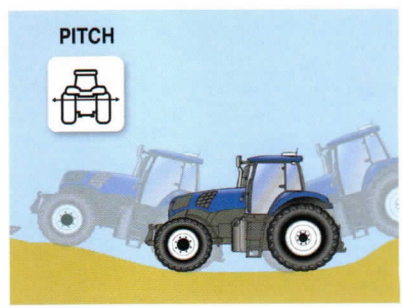
Electronic Control Unit (ECU)

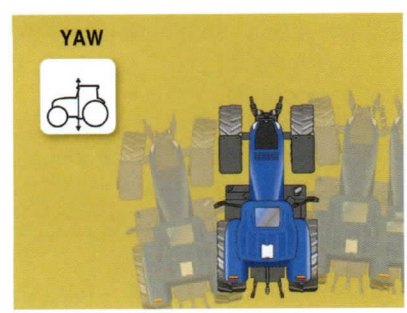
- Onboard compass to determine vehicle heading and allows for reverse operation
- Built-in inertial measurement unit to measure roll/pitch/yaw terrain compensation

IntelliSteer Lite Minimum/Maximum Speeds

Vehicle Type	Min Speed (MPH)	Max Speed (MPH)	Max Engage Speed (MPH)
Articulated	1	20	12
Combine	1	15	9
Sprayer	1	28	20
Track	1	20	12
Floater	1	28	20
MFWD	1	20	13







EZ-Pilot®

The EZ-Pilot assisted steering system is a high-performance, low-cost assisted steering solution that is sleekly integrated into the vehicle's steering column and can be installed on most brands and models of tractors and harvesting equipment. EZ-Pilot utilizes an integrated electric motor drive for high accuracy at an affordable price.

Features

- Provides hands-free guidance for your many farm vehicle types
- Integrates directly into the steering column for clear access to cab control
- Allows for unrestricted manual steering when assisted steering is not engaged
- Utilizes terrain compensation technology for high accuracy on difficult terrain
- Ideal for both low-accuracy broadacre and high-accuracy row-crop farming applications

Advantages

- Maximizes uptime: complete field operations quickly and accurately
- Fast-reacting motor allows system to quickly get the vehicle online and stay there
- Reduces operator fatigue and increases safety
- Operates day or night and in dusty or low-visibility conditions

Terrain Compensation Technology

EZ-Pilot uses T3™ sensors to calculate the actual position of the vehicle to help minimize skips and overlaps in areas with rolling terrain, slopes, and rough ground.

EZ-Steer®

The EZ-Steer assisted steering system provides simple, portable, hands-free farming for more than 1,200 vehicle models – old and new. The EZ-Steer system turns the steering wheel for you by combining a friction wheel and motor. It keeps your vehicle in line for efficient, low-stress steering capabilities for your farming applications.

Features

- Provides hands-free guidance for your many farm vehicle types
- Allows for unrestricted manual steering when disengaged
- Utilizes terrain compensation technology for high accuracy on difficult terrain
- Easy to install and transfer between vehicles
- Ideal for broadacre farming applications where extremely accurate positions are not required

Advantages

- Completes field applications quickly and accurately
- Reduces operator fatigue and increases safety
- Operates day or night and in dusty or low-visibility conditions

Terrain Compensation Technology

EZ-Steer uses T2® sensors to calculate the actual position of the vehicle to help minimize skips and overlaps in areas with rolling terrain, slopes, and rough ground.

EZ-PILOT/EZ-STEER COMPATIBILITY

Compatible with:

EZ-Pilot Displays
- XCN-2050™
- FM-750™
- FM-1000™

EZ-Steer Displays
- XCN-2050™
- FM-750™
- EZ-Guide® 250

TrueTracker™

ALL MAKES

TrueTracker is an active implement guidance system that keeps your tractor and implement on the same guidance line. When the implement drifts, the Autopilot automated steering system signals your implement to independently adjust its position to follow the correct path, allowing the implement to correct itself without any compensation from the tractor.

Features

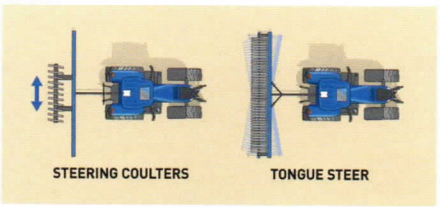
- Allows the implement to correct its position without input from the tractor
- Utilizes terrain compensation technology for high accuracy on difficult terrain
- Ideal for row crop and multiple-pass applications

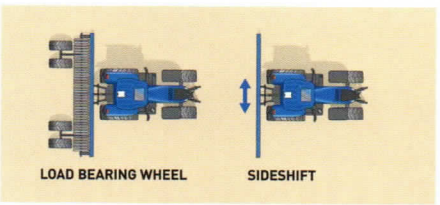
Advantages

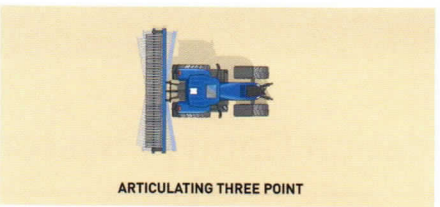
- Accurately steers the implement and tractor on a repeatable path
- Operates in difficult terrain and variable soil conditions
- Minimizes drift and results in more consistent guess rows
- Reduces crop damage and compaction
- Improves seedbed and nutrient placement

Terrain Compensation Technology

TrueTracker utilizes T3™ sensors to calculate the actual position of the vehicle to help minimize skips and overlaps in areas with rolling terrain, slopes, and rough ground.







TrueGuide™

ALL MAKES

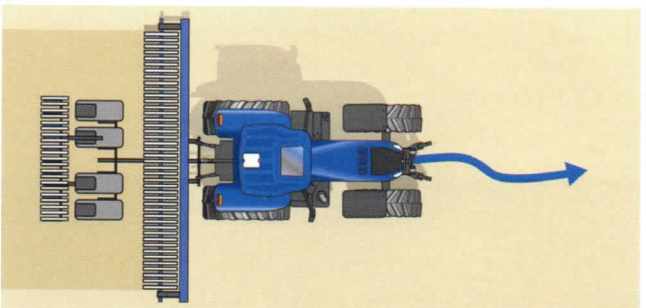
Control your implement with the TrueGuide implement guidance system — a passive guidance system that monitors and corrects the position of your implement with compensation from your tractor.

Features

- Adjusts the implement's location to the line with movement from the tractor
- Ideal for broadacre crop applications in which multi-pass repeatability is not required
- Uses the existing Autopilot or Autopilot Motor Drive System – only requires a GNSS antenna on the implement
- Terrain compensation for roll

Advantages

- Reduces uncontrolled drift of the implement by more than 50% over guiding the tractor alone
- Increase your precision with input placement



TRUEGUIDE/TRUETRACKER COMPATIBILITY

Compatible with:

Auto Guidance
- Autopilot™
- Autopilot™ Motor Drive

Display
- XCN-2050™

ISOBUS Product Control

Slurry Application System

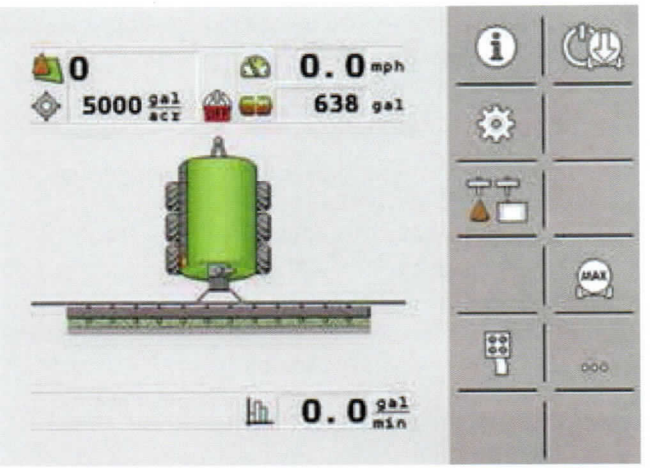
ISOBUS Slurry Application System gives you full control of your slurry tanker. Whether you wish to use section control for two booms or 10, this application system has you covered.

Viewable Parameters

- Speed, gallons/acre, tank level
- Virtual tank gauge
- Application rate

Additional Functionality

- Application counters, tramlines



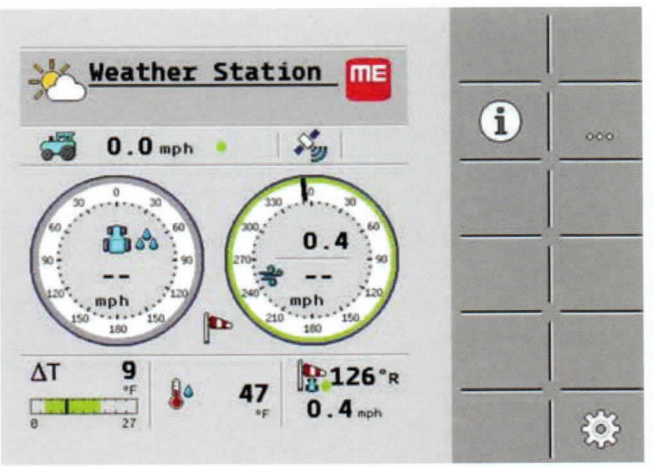
System Information	
Products Controlled	1
Product Control Type	Manual or Prescription Variable-Rate
Section Control	Yes – 10 Sections
As-Applied Mapping	Yes
Supported Valve Types	Raven, KZ, Dickey-John
Compatible Harnessing	Raven 4X0, 4XX0, and Field-IQ

ISOBUS Weather Station

Be prepared for whatever mother nature has planned by monitoring live weather parameters from the comfort of your cab. The Weather System Kit is the first ISOBUS weather station on the market. It features a simple plug n' play installation process and a maintenance-free design without moving parts for added reliability. Not only does this station give you weather readouts, it will also recommend the fertilizer droplet size given the current weather pattern.

Viewable Parameters

- True and apparent wind speed and direction
- Temperature
- Relative air humidity
- Barometric pressure
- Machine roll and pitch
- Delta T



Field-IQ™ Crop Input Control System

ALL MAKES

The Field-IQ Crop Input Control System enables productive and efficient functionality for your planting, nutrient, and pest management operations.

Features

Variable-rate application control

Save on input costs by monitoring and simultaneously varying up to six different materials to precisely plant seeds, apply chemicals, and broadcast fertilizers.

- Simultaneously control the application rate of different materials including seed, granular fertilizer, liquid, and anhydrous ammonia manually or using a prescription
- Keep as-applied mapping records of inputs

Automatic section control

Increase your profits by avoiding double coverage and eliminating wasted inputs using automatic or manual section control.

- Automatically control up to 48 rows individually for maximum savings in seed and increased yields
- Use Vehicle Sync to automate real-time map sharing of coverage maps

Seed monitoring

Monitor real-time seeding information or fertilizer delivery lines and prevent costly planter problems by catching them early before they cause yield reduction.

- See the results of singulation analysis, including information on population, singulation, skips/multiples, spacing, and quality of spacing

Tru Count products

Tru Count Air Clutches and LiquiBlock valves allow you to start and stop the flow of seed and fertilizer in real-time from the vehicle cab.

Spinner speed control

Automatically control spinner speed for spreader application systems.

Advantages

- Decreases input costs
- Eliminates over-application
- Provides even application of product
- Creates uniform yield across fields
- Reduces operator fatigue

Field Overlap Without Section Control*

	Planter.NH3 @ 5 MPH			Sprayer @ 15 MPH		
	45 FT.	60 FT.	90 FT.	60 FT.	90 FT.	120 FT.
Rectangle with straight rows	0.7	0.7	0.7	2.1	2.1	2.1
Rectangle with angled rows	2.5	3	4.2	4.5	5.6	6.8
Parallelogram/Trapezium	1.6	1.9	2.5	3.3	3.9	4.5
Angled with waterway	4.2	5.4	7.7	6.8	9.1	11.5
Pivot	3.9	4.9	7	6.3	8.4	10.5
Odd shaped/Contours	8.8	11.5	16.9	13	18	25

** Based on KSU work by Terry Kastens: "KSU-GPSguidance.xls" using 100 ac fields.*

Field-IQ™ Crop Input Control System

ALL MAKES

Display Functionality	XCN-2050	XCN-1050	FM-750
Automatic Section Control			
Number of Sections	Up to 48	Up to 24	Up to 48
Tru Count Clutches	•		•
Boom Valve	•		•
Control Drives			
Number of Control Drives	Up to 6	1	Up to 2
Rawson	•		•
Servo	•		•
PWM	•		•
Linear Actuator	•		
Electric Over Hydraulic	•		
Spinner Speed Control	•		
Materials			
Number of Materials	Up to 6	1	Up to 2
Seed	•		•
Granular Fertilizer	•		•
Liquid	•	•	•
Anhydrous	•		•
Seed Monitoring			
Basic Population	•		•
Singulation Analysis	•		•
Variable-Rate Application			
GreenSeeker System	•		
Shapefile Prescription Map	•	•	•
Sprayer Boom Height Control			•

Planting/Drilling

Spreading

Air Seeding

Strip Till/Anhydrous

Spraying

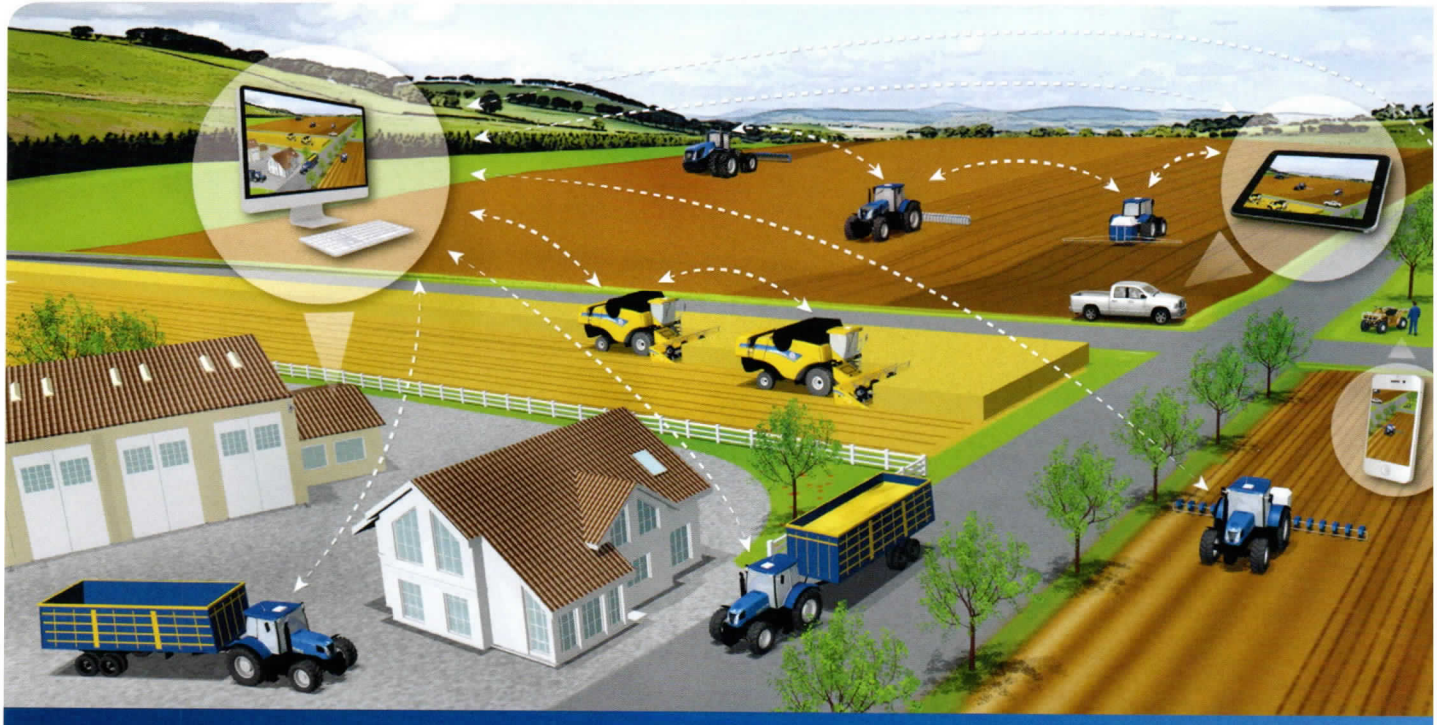
COMPATIBILITY

Compatible with:

Displays

- XCN-2050™
- XCN-1050™*
- FM-750™

** Basic Field-IQ only.*



DATA MANAGEMENT

PLM Software

ALL MAKES

A single software suite enables you to maximize the value of your PLM technology. PLM Software enables you to view, edit, manage, analyze and utilize your precision farming data. Designed to fit your operation's needs, PLM Software offers the flexibility and analysis power to support all your precision farming needs. Generate yield maps, prescription maps and more from a single, integrated software package. Organize and generate layouts, reports, charts and maps all with a single software program. Plus, create soil sampling maps, create and print reports and import satellite imagery.

Technology In The Field

Use PLM data – historical and in season – to plan for higher yields this year and in the years to come. Rather than work an entire field, target the appropriate tillage to areas showing likely signs of compaction, or use variable-rate technology to apply the right nutrients at the proper rate, precisely when your growing crop needs them.

Multiple File Formats

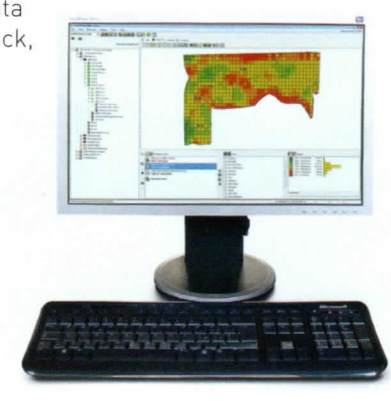
New Holland PLM Software makes it easy to import and export data in a variety of file formats, allowing you to pull in data from multiple sources.

- ESRI Shape
- ASCII text
- BMP, JPEG, GeoTIFF or TIF image files

PLM Viewer

ALL MAKES

View and track your data with a customized list of farms and fields, which can then be shared with precision farming devices for data management. No unlock, and no expiration.



PLM Drone Data Management

ALL MAKES

The latest New Holland PLM precision solution provides a whole new perspective, instantly. Local processing on the drone and mobile device deliver instant, in-field processing of drone imagery. Quickly take the pulse of crop health and immediately begin uncovering opportunities – such as adjusting your fertilizer program or identifying insect pressure or weed escapes – even before the drone touches down.

Features

- Industry-leading analysis tools and app marketplace
- Export data to PLM Mapping
- Saves imagery as Shapefile or GeoTIFF
- Capable of data sharing

Advantages

- Pinpoints potential problem areas in your field with GPS location
- Flight operations, imagery upload, and analysis is completed in a single tool
- No manual flying is required
- Imagery is uploaded in minutes

Real World Applications

Crop scout to detect plant health problems: Drone mapping helps pinpoint the location and extent of plant health issues, which are illustrated through the DroneDeploy dashboard.

Plant counts and stand establishment: Drones can help compile automated plant count reports of entire fields. Stand establishment of newly planted crops can also help growers decide whether they need to replant certain areas.

Generate variable-rate prescriptions: Drone-generated shapefiles from DroneDeploy can be exported into popular farm software to assist with creating variable-rate prescriptions for nitrogen, pesticides, and other targeted nutrient applications.

Negotiate fair crop loss percentages: Annotated crop health maps help users with insurance requests and recouping crop losses.

Assess and clean up after natural disasters: Drone maps can help estimate the extent of storm or tornado damage, and even help when clean-up is needed. A drone map can spot hidden debris, enabling users to plan for more efficient removal.

Water Management Assessment: Drone maps can assist in planning for drainage tile placement and help assess a water management system's effectiveness.

The PLM Drone Data Management Package with Fieldscanner Includes:

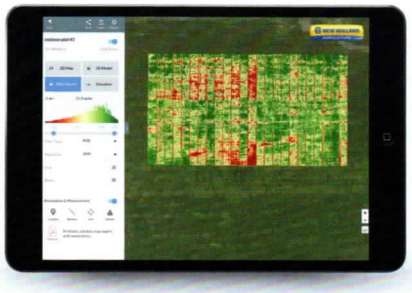
- DJI® Phantom 4 Pro drone with RGB camera and remote controller
- Hard-sided carrying case
- Accessories including 2 batteries, standard battery charger (simultaneously charges 1 battery and remote controller), cables, mounts, and Micro SD Card
- One-year subscription to DroneDeploy® Premium or standard software

PLM Drone Data Management

ALL MAKES

Software That is Field Tested and Farmer Approved

New Holland has collaborated with DroneDeploy® to provide you with UAV Software that is innovative, industry leading, and easy to use. To ensure that your drone is never grounded, we offer support by email, phone, and live chat, giving you the choice of the support style that is most convenient for you.



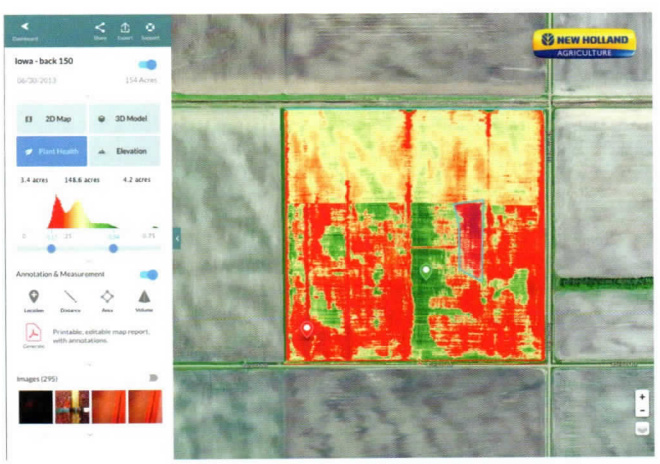
Available Software Packages	Standard	Premium
Max 2D Resolution	2 cm/Pixel	1 cm/Pixel
Max Photo Upload per Map	1000	3000+
Subscription Length	1-Year	1-Year
Drone Model	DJI® Phantom 4 Pro	DJI® Phantom 4 Pro
Includes	2 batteries, hard shell case, and RGB camera	2 batteries, hard shell case, and RGB camera

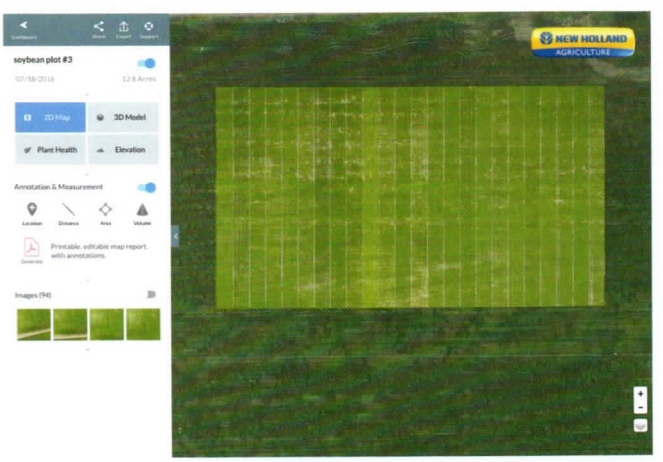
A customer should choose premium, instead of standard if they plan to:

- Generate standard maps of over 200 acres per field at high altitudes
- Generate stand establishment, plant count, crop damage, or other specialized reports of over 100 acres per field

Data Solution Powered by: DroneDeploy

> After I got the first map, decided I was going to fly it every week just to see the sheer contrast between the rows. When we do take this to harvest, we'll have a weekly log of what the crop was doing throughout the growing season.
>
> - Rob Eggert, MN





SUPPORT AND RESOURCES

My New Holland

Scan here to access My New Holland

My New Holland is your single stop for all your PLM needs. Use the PLM Cost Savings Calculator to calculate the benefits gained using PLM products. Visit My PLM to register your precision farming equipment to access helpful content such as manuals, quick reference guides and other information. My PLM is also your connection to the PLM Support Center and PLM Academy. **To access My New Holland, visit:** mynewholland.com

PLM Academy

Explore the training catalog, watch tutorials and videos, enroll in complete web-based courses, download informational documents, guides, and more.

Support Center

Provides access to service and support for all of your PLM products. It's a one-stop shop for all your PLM needs. You'll talk with a PLM support engineer who is 100% dedicated to keeping you rolling in the field. Contact your local dealer to setup an account with the PLM Support Center.

- File Transfers
- PLM Products
- Support Tickets
- PLM Troubleshooting

New Holland Parts Store

Only genuine New Holland parts are made for your machine and designed for peak performance. New Holland Parts Store has made it easy to help you find the part you need. **To learn more, visit:** partstore.agriculture.newholland.com

PLM Cost Saving Calculator App

The PLM Cost Saving Calculator will help you calculate the benefits gained by utilizing PLM products and solutions. The app is available for download for both Apple and Android devices and will show you the potential cost savings and yield improvements specific to your operation.