

Ag Leader®



2016 PRODUCTS & SERVICES



TABLE OF CONTENTS

	DISPLAYS/GPS & STEERING	PG 4-15
	PLANTING	PG 16-19
	APPLICATION	PG 20-25
	HARVEST	PG 26-27
	WATER MANAGEMENT	PG 28-29
	DATA MANAGEMENT	PG 30-35

Welcome to Ag Leader’s 2016 product line up. Whether you’re new to precision agriculture or an early adopter, inside you’ll find products to make your farming operation more efficient, smarter and more profitable.

Since 1992, Ag Leader has been producing high quality, innovative precision agriculture tools to improve on-farm decision-making, to plant and apply more efficiently, to reduce operator fatigue and more. It all began with the on-the-go yield monitor and today, Ag Leader produces and markets a complete year-round solution for your farming operation.

Ag Leader is still fiercely independent and committed to solely precision ag. With four support offices, 300+ employees worldwide and an expansive dealer network, Ag Leader is committed to producing valuable products for growers. There’s a lot of talk in precision agriculture these days - big data, hardware provider mergers and the implications that has for customers. Understanding who you partner with for your precision needs is more important than ever.

When shopping, ask yourself - do you trust your technology provider? Do you know where your data is going? Are you comfortable with the status quo? Or do you demand more out of your precision tools? Are you satisfied with the quality of the product or of the support?

Ag Leader has thought of these considerations. We do not own or use your data in any manner.

Ag Leader products are high quality, simple to use and offer valuable tasks and features that others do not.

Ag Leader has an excellent support network available to both dealers and customers, free of charge, for the life of the product.

I am especially excited for the new InCommand™ display line and the efficient features it will bring to your operation. Please look over our products for 2016. Then, inquire with your local Ag Leader dealer. I’m certain that Ag Leader can bring positive gains to your precision operation.



Al Myers
President, Ag Leader
Technology

NEW FOR 2016



InCommand™ 1200 and InCommand™ 800 on page 6.

AgFiniti® Mobile on page 31.





With the new InCommand™ displays and AgFiniti, you are in control of your entire operation. In cab, visualize what is happening in each row with precision detail. Take that information with you in field on your iPad for scouting. Have it readily available In office for a meeting with your consultant, when making seed or fertilizer decisions. In every season let these powerful displays go to work for you. Complete control in your hands. Be InCommand.

DATA NOW

Your farm. Many decisions. Data to support you.

NEW InCommand displays with AgFiniti® Mobile



In the cab or on the go, data collected from your InCommand display is readily available on your iPad®.

Year round control and decision-making tools



www.agleader.com



BE INCOMMAND

Intuitive and easy to use Sleek AND rugged Seamless Connectivity

Built on Ag Leader's industry leading display technology, InCommand provides efficient machine control plus instantaneous information to simplify crucial decisions that impact yield and profitability.

Highlights

- Tablet-like interaction
 - Connect displays with AgFiniti® Mobile
 - Split-screen view (IN1200)
 - Integrated lightbar
 - Year-round functionality
 - Advanced planter control (IN1200)
 - Variable rate control
 - Multi-product control
 - Yield monitoring
 - ISOBUS/Universal Terminal/Task Controller
 - Camera support
 - SmartReport™ (IN1200)
 - Wireless connectivity through Wi-Fi adapter
- See display comparison for complete list of features



DATA FOR DECISION-MAKING

View two screens at once...

View more information using just one dedicated precision ag display. Where others require the use of a tablet for displaying on the go information and mapping, the InCommand can do it all in one. This simplified solution presents the information you need to see in order for easier instantaneous decision making.



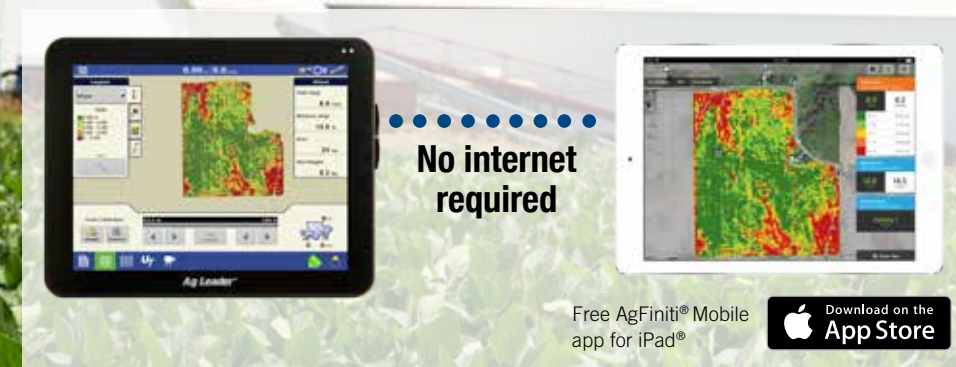
With detail at the row level...

View historical and real-time information to see what is happening in the field with row by row detail to help you monitor potential yield robbing issues like poor seed spacing.



Data you can take with you.

Take your data accessibility to the next level... Take data collected from your Ag Leader display with you on your iPad with AgFiniti Mobile. Share data with advisors, scout the season's progress, aid in management decisions and more!





NO FUSS GUIDANCE DISPLAY

The 7-inch touchscreen Compass is an entry-level display for guidance, assisted steering, automated steering and Universal Terminal functionality. With its user-friendly interface, Compass is designed for easy setup and operation, allowing you to simply create a new event and get to work.

- Simple setup and operation with event-based management.
- Ideal for basic guidance and steering, and can be combined with OnTrac3™ assisted steering or SteerCommand™ automated steering for advanced guidance functions.
- Space-saving design and integrated lightbar minimize cab clutter.
- Full screen coverage mapping.
- Support for the most common and advanced guidance patterns, including SmartPath™.
- Universal Terminal capability.
- Tramline support

DISPLAY FEATURE COMPARISON

MODEL	InCommand™ 1200	InCommand™ 800	Compass™
DISPLAY FEATURES			
Display Size	30.7 cm	21.3 cm	17.7 cm
Swipe Gesture	✓	✓	
Coverage Mapping	✓	✓	✓
Split Screen	✓		
Data Logging	✓	✓	✓
AutoSwath™	✓	✓	
Headlands	✓	✓	✓
Multiple Product Control	✓	✓	
Camera Support	4	4	
AgFiniti Mobile	✓	✓	
GUIDANCE & STEERING			
Lightbar Guidance	✓	✓	✓
Mechanical Assisted Steering	✓	✓	✓
Hydraulic Automated Steering	✓	✓	✓
GLIDE, SBAS (WAAS/EGNOS), TerraStar, RTK	✓	✓	✓
SmartPath	✓	✓	✓
Tramlines	✓	✓	✓
StableLoc	✓	✓	✓
PLANTING/SEEDING			
Hybrid/Variety Logging	✓	✓	
Variable Rate Planting	✓	✓	
Planter Section Control	36 sections	36 sections	
Split-Planter Logging	✓	✓	
Planter Population Monitoring	✓		
Advanced Seed Monitoring	✓		
Hydraulic Down Force Logging	✓		
Row by Row Planter Performance	✓		
APPLICATION CONTROL			
Liquid Product Application Control	10 sections	10 sections	
ISOBUS Liquid Control Module	36 sections	36 sections	
Variable Rate Application	✓	✓	
Chemical Injection	✓	✓	
Boom Height Control	✓	✓	
SmartReport™	✓		
AutoSwath based on Previously Applied Maps	✓	✓	
Container Sequencing	✓		
Dry Product Application Control	✓	✓	
Closed Loop Spinner Speed Control	✓	✓	
Strip-Till	✓	✓	
Air Seeder Support	✓	✓	
OptRx® Crop Sensors	✓		
Multiple Product Application (Liquid or Granular)	up to 8	up to 3	
ISOXML Data Export	✓	✓	
YIELD MONITORING			
Grain Harvest	✓	✓	
Harvest Variety Tracking	✓		
Load Variety Maps	✓		
WATER MANAGEMENT			
Topography Mapping	✓	✓	✓
Survey Collection	✓	✓	
Intellislope® Plow Control	✓		
ISOBUS			
Universal Terminal Support	✓	✓	✓
Task Controller	✓	✓	



OPTIMIZE PRODUCTIVITY

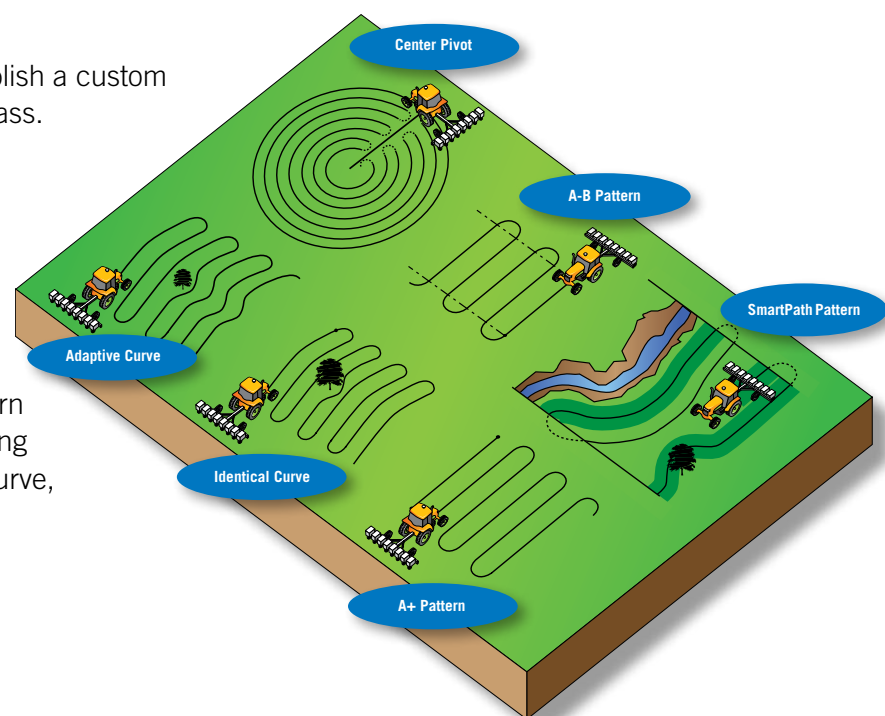
Stretch working hours, improve steering accuracy and view the field ahead, with integrated display guidance. All Ag Leader displays feature an advanced, integrated guidance system capable of multiple patterns. Combine Ag Leader displays with OnTrac3™ assisted steering and SteerCommand™ automated steering for high-end guidance and steering systems.

SmartPath™ Pattern

Drive one pass through the field to establish a custom guidance pattern based on your initial pass.

Using Pattern Groups

Save up to 20 pattern groups per field. The pattern group can be loaded from the pattern select wizard, then quickly and easily cycle through patterns with a single button press. This simplifies the process of selecting a different pattern for each area of the field. Pattern grouping is available with Straight AB, Identical Curve, Adaptive Curve and Pivot Patterns.



HASSLE-FREE MACHINE GUIDANCE



Integrated Lightbar

Integrated lightbar also includes cross-track error and pass number.

Perspective View

Choose how you prefer to see the on-screen map. Perspective view, split screen, boundary view, at the row level and more!

Pattern Management

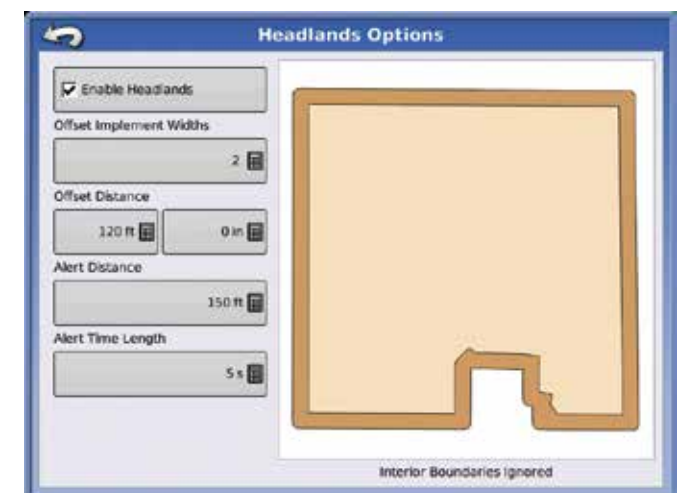
Save, load, reset, pause, resume, nudge and shift patterns from the in-cab display.

Import/Export Patterns

Easily load saved patterns to the display or to your precision farming software so you can easily match your path for later field operations.

Headlands

Offset a headland from existing boundaries to provide both a visual reference and perform AutoSwath™ section control.





UNRIVALED GNSS TECHNOLOGY

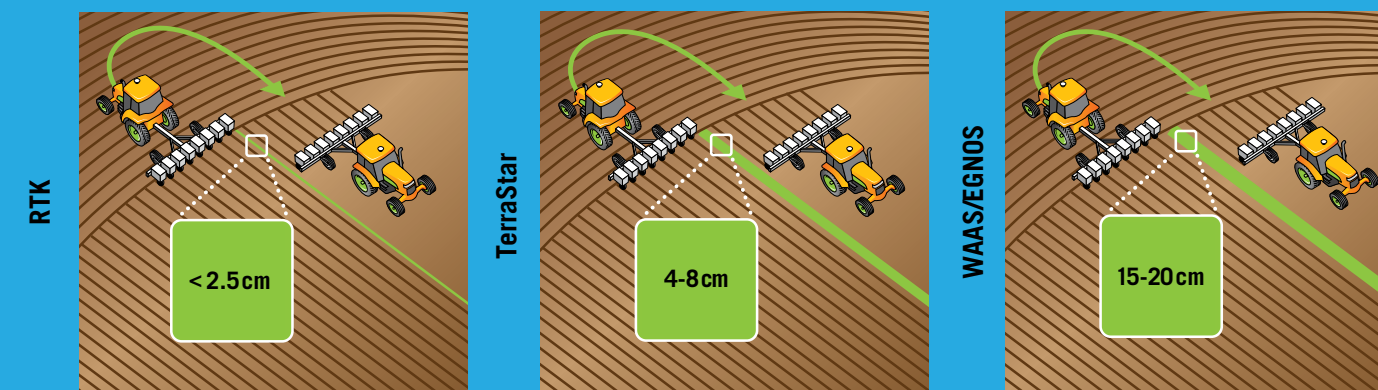
Ag Leader offers a full range of GNSS options for steering, field prep, variable rate, guidance, mapping and more. The GPS 6000 and GPS 6500 systems, as well as the GPS 6500 Base Station, provide accuracy, repeatability, range and simplicity.

GPS 6500 and 6000

- Differential corrections include RTK, TerraStar and WAAS/EGNOS.
- GLIDE offers improved accuracy without subscription-based differential correction.
- GLONASS standard.
- Increased signal uptime provided by standard StableLoc™ technology.
- RTK via local base or NTRIP.
- Up to 20 Hz (6500) or 10 Hz (6000) output.
- Outputs simulated radar speed.
- Integrated magnets and included mounting plate with locating pins provide repeatable mounting.
- LED diagnostics for at-a-glance system monitoring.
- Sealed, compact, rugged design.



GPS Differential Correction



GPS 6500 with Relay

The Relay is the communication link delivering RTK correction. The Relay mounts with the GPS 6500 unit for an integrated, easy-to-install and move system. 900/400 MHz radio and CDMA/GSM cellular options are available.

GPS 6500 RTK Base Station

Get sub-inch accuracy for tiling and other precision farming operations. The GPS 6500 is a dual-frequency RTK base station for use with the field-proven GPS 6500 smart antenna with Relay. Intended for highly accurate tile installation and pass-to-pass repeatability, the system can access multiple GNSS signals, including GLONASS. Wi-Fi capability allows for easy web browser setup from any smartphone or tablet.

Applications	GPS 6000	GPS 6500
Guidance	■	■
Tillage	■	■
Harvesting	■	■
Field Preparation	■	■
Mapping (Point, Line, Area)	■	■
Variable Rate Controllers	■	■
Spreading	■	■
Spraying	■	■
Seeding	■	■
Log Hybrid/Variety	■	■
Strip-Tilling		■
Intellislope® (Tile Plow)		■
Automated/Hydraulic Steering		■
Assisted Steering	■	■
GPS Differential Correction		
GLIDE	■	■
WAAS/EGNOS	■	■
TerraStar		■
RTK		■



TERRASTAR

- Quick reconvergence.
- Incorporates GPS and GLONASS signals.
- TerraStar subscriptions available from Ag Leader in 5 day, 3 month and 12 month lengths.

OnTrac3™, SteerCommand™



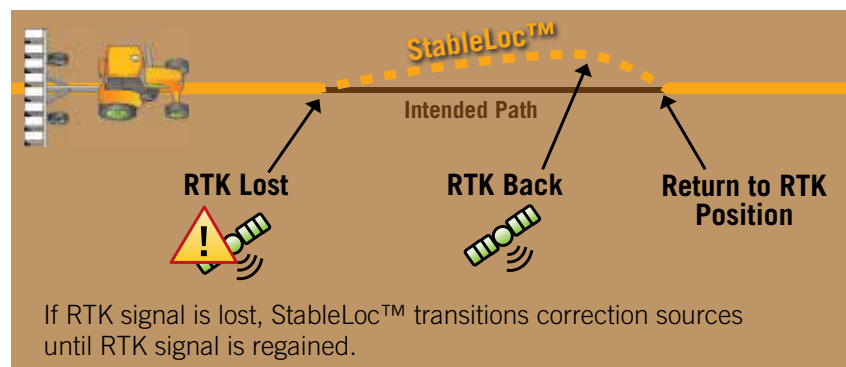
LEADING STEERING PERFORMANCE

Pair your Ag Leader display with our first-class steering systems to reduce operator fatigue and extend working hours with OnTrac3™ assisted steering and SteerCommand™ automated steering systems.

- Auto-calibration provides simple vehicle tuning and calibration.
- Support for advanced guidance patterns, including SmartPath™ (see page 10 for guidance patterns supported).
- Nine-Axis Terrain Compensation accommodates for rolling ground and driving through waterways, ditches and over terraces.
- Internal compass helps maintain steady heading.
- LED diagnostic lights offer at-a-glance system monitoring.
- Easily engage/disengage from display or optional foot switch.

StableLoc™

StableLoc maintains accurate steering - even when your correction signal is temporarily lost - by seamlessly transitioning to the next available signal source. When the signal is restored, the system will then transition back to the higher accuracy source, eliminating position jumps.



OnTrac3™ Assisted Steering



OnTrac3 improves pass-to-pass accuracy the economical way with simplified steering for any modern tractor, combine, application rig or other vehicle – without hooking into hydraulics or having to remove the steering wheel.

Quick and Easy

Easily transfer OnTrac3 between vehicles with the simple “Lock-n’-Roll” installation process.

More Power, Less Noise

Increased torque for faster steering is gained through the clutchless, brushless Mechanical Drive Unit, which also offers quiet operation.

No Friction

The gear driven motor eliminates slippage associated with friction-design steering systems. Allowing for seamless and precise steering operation.

SteerCommand™ Automated Steering

The SteerCommand automated steering controller offers leading precision steering performance when paired with GPS 6500.

High Accuracy

Access NTRIP and other RTK networks for repeatable sub-inch accuracy with GPS 6500 combined with Relay 900 MHz, 400 MHz, CDMA or GSM.

Compatibility

Get maximum compatibility with custom installation kits offered for over 600 different vehicles.

Leading GNSS Solutions

GPS 6500 with SteerCommand supports GLIDE, EGNOS, TerraStar and RTK.



The Result:

By adding guidance, achieve a 10% increase in hours per day to increase productivity*.

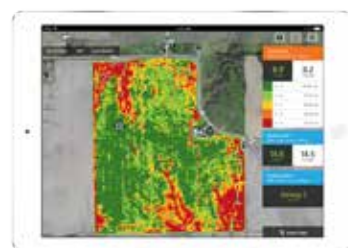
*<http://www.gps.gov/applications/agriculture/>



MAKE THE MOST OUT OF EVERY SEED YOU PLANT

Each planting season you get just one chance to get it just right. Making sure your planter is performing optimally and each seed is being placed in the right environment for growth is critical and can pay big dividends. With SeedCommand, you can take charge with all the information and control at your fingertips.

- Eliminate overplanting for lower seed costs and improved yields with AutoSwath™.
- Lengthen planting windows by planting at night with full automation.
- Reduce skips and doubles – especially with variable seed shapes and sizes.
- Gain insight by mapping and logging seed varieties, planting rates, planting dates and other items recorded during planting or seeding.
- Maximize yield through variable rate planting.
- Experience uniform germination, emergence and plant stand with Hydraulic Down Force.
- Automate row and section shutoff functions with SureStop® electric clutches for chain-drive meters and SureVac™ electric row shutoff.
- Electric drive option limited release 2016, full production 2017.



AgFiniti® Mobile: Know exactly what the planter applied; row by row across your entire operation. Take this information with you to verify stand counts and variety performance.

AVOID YIELD ROBBING PLANTER MISHAPS

Maps provide historical record which helps identify other variables affecting performance such as chronic planter issues pass to pass. Record and map the location of hybrids/varieties in real time.



Two maps at once with row-by-row detail

View planter monitoring and down force simultaneously. Or guidance and planted varieties... the choice is yours.

Be alerted to planter performance issues faster and avoid costly mistakes at the row level.

Track singulation for skips/doubles and spacing on a row-by-row basis.

Hydraulic Down Force System



MAINTAIN PLANTING DEPTH, OVERCOME COMPACTION

Controlling a planter's down force is a proven way to provide consistent emergence, counter field compaction and promote healthy root development across the field. Ag Leader's Hydraulic Down Force System drastically improves on air bag and spring down force systems, providing instant varied response and adjustment according to changing soil and field conditions.

Why Hydraulic Down Force Matters:

Hydraulic Down Force allows proper seed depth placement, a way to overcome field compaction and provide uniform emergence.



SET IT AND FORGET IT DOWN FORCE OPERATION



Not too heavy, not too light, just right.

Easy to Use Down Force Control

Planting is a busy enough time without having to worry about down force settings. With the Ag Leader down force system, simply tell it your control preference and go. Avoid the constant worry of having the correct margin.

Row-by-Row Sensing

Monitor the down pressure needs of each row to allow for consistent planting depths across various topography and soil conditions.

Stress-minimizing Accumulator

Acts as a cushion to minimize row unit stress and bounce caused by in-field obstacles like rocks.

View Down Force Maps on the go

View gauge wheel load and down force applied maps on your InCommand™ display, or with AgFiniti.

Works with Any UT Capable Display

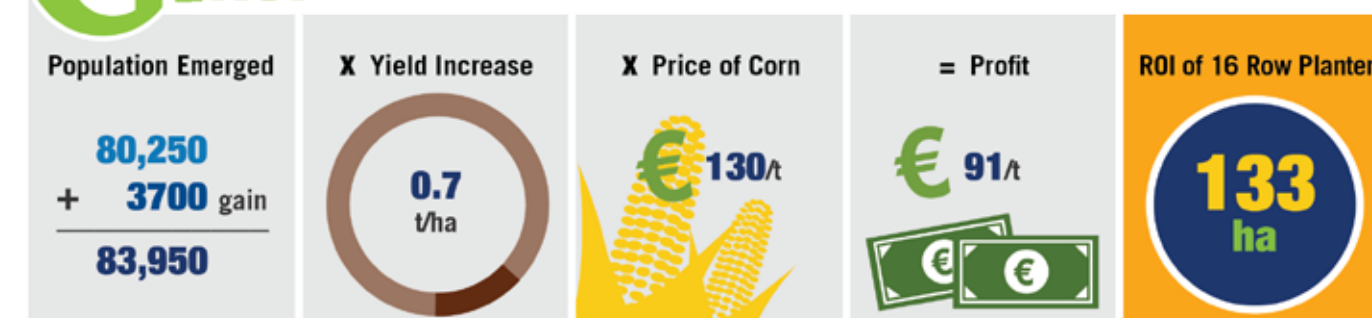
ISOBUS module lets you choose 1–4 sensors per channel and provides functionality with any Universal Terminal capable display.

Uplift Springs

Growers with large seed hoppers and/or clayey soils can take advantage of free energy uplift springs to ensure there isn't too much weight on the gauge wheels in these scenarios. No bulky hoses or wasted hydraulics required!



How HDF Pays



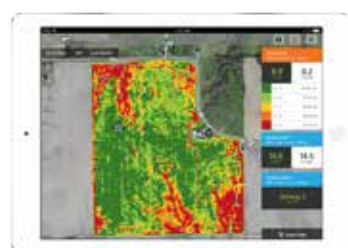
*Sources: 1 Becks 5-year Study. 2 Iowa State University Trial. 3 OnFarm Research Study.



MAXIMIZE EVERY DROP. EVERY GRANULE. EVERY PLANT.

DirectCommand™ has simply revolutionized application. The unique AutoSwath™ feature decreases over application – reducing input costs and improving environmental stewardship while increasing your productivity.

- Automatically turns sections on/off based on field boundaries, already-applied areas and user-defined headlands – reducing overlap, spray drift and gaps.
- Controls application rates automatically based on prescription maps or manually entered target rate.
- Enables variable rate application of single or multiple products.
- Records application activities, including applied areas, product volume and more.
- Reads up to three optional pressure sensors, eliminating need to monitor pressure gauges outside the cab.
- Support 36 boom sections on select sprayers (or machines).



AgFiniti® Mobile: Scout fields knowing exactly where product was applied. Allows you to realize the benefits of a product through field trials in real time.

The Result:
7% average input savings from AutoSwath results in 2 year ROI*.

*http://www.aces.edu/anr/precisionag/documents/09_AgEng_Presentation-Auto-SwathBoomDynamics-Fultonetal.pdf

ISOBUS LIQUID CONTROL MODULE

Compatible with ISOBUS standards for Universal Terminal and Task Controller, the ISOBUS Liquid Module works with Ag Leader and other brands of UT compatible displays.

AutoSwath Control

Automatic section control of up to 36 boom sections on select sprayers (or machines).

Pressure and flow based product control

System can use flow based control for higher rates, then automatically switch to pressure based for optimum control at lower rates.

Boom prime

Enter desired pressure and it will prime to the desired psi. Also used to specify Standby Pressure (Hold).

Continuous system monitoring

Monitors product flow rates and system pressure to detect and warn of sensor failure or system error.

Droplet size monitoring

Define your nozzle specs and get droplet monitoring on-the-go.

.xml File Export

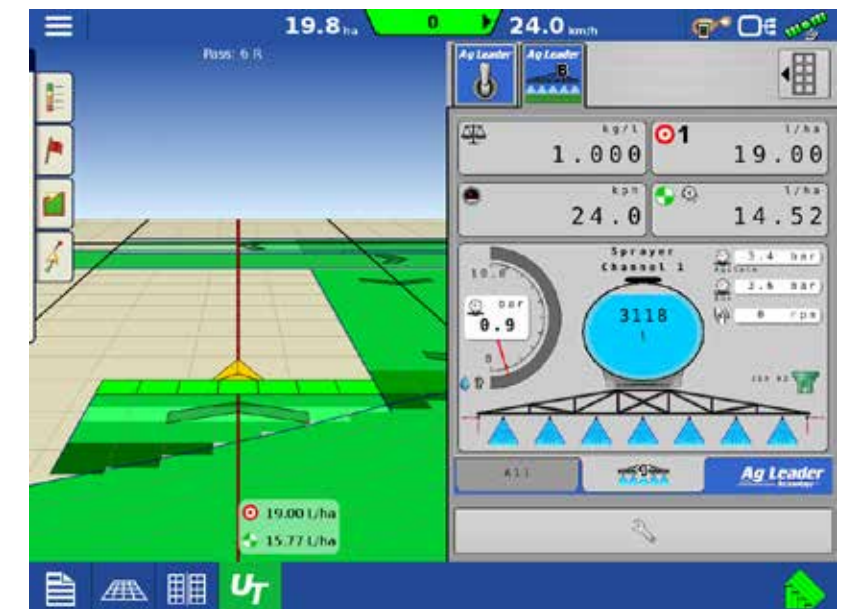
With Task Controller, display will export an .xml log file from any applicable ISOBUS ECU.

Nozzle settings

Store up to 50 user-defined and ISO nozzles in the system, including 11 pre-set ISO nozzles

Max and Min Alarms

Maximum pressure support – user defined pressure point at which the system will alarm in order to protect hoses, valves, etc. Minimum pressure support – user defined pressure point the system will hold in order to maintain a minimum pressure, allowing the control valve to react from a hold state much faster.



ISOBUS Serial Application Rate Module

Serially control application rates, swath sections and log data. The following controllers are compatible with Ag Leader through serial control: RDS, RECO/Sulky, Amazone+, Bogballe, Kuhn, LH5000, Vaderstad, Kverneland, Raven, Mid-Tech, Rawson, New Leader, BRZEG and Flexicoil.



THE RATE YOU WANT, WHERE YOU WANT IT

Spinner Spreader Control

- Simultaneous application of up to five granular products.
- Highly responsive spinner performance.
- Closed loop spinner speed control.
- Support for prescription map variable rate application.
- Easily create and edit product blends for accurate data logging of field applications.
- Container Sequencing allows application of the same product (discrete products or blends) sequentially from multiple containers.

Strip-Till Fertilizer Control

- Control up to three granular products via Ag Leader's Granular Strip-Till module.
- Simultaneously control anhydrous and nitrogen stabilizer with the addition of Liquid and Chemical Injection control modules.
- Apply fertilizer only where it's needed with prescription map variable rate application.
- Data logging of both granular and liquid applications.

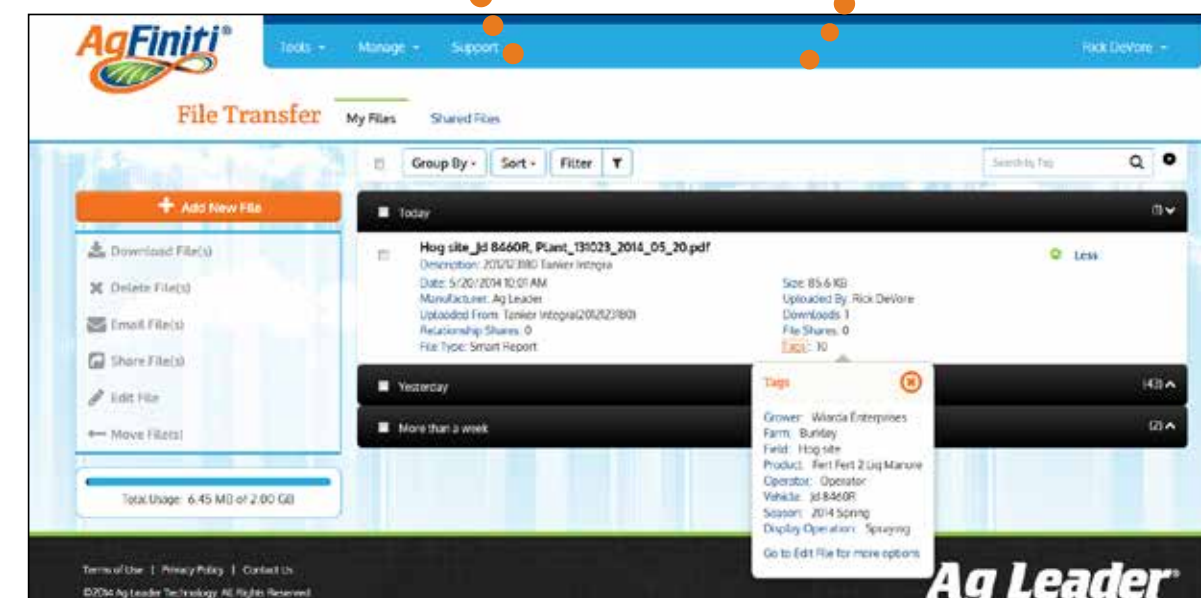
DOCUMENTATION SIMPLIFIED

Simplify application reporting (both liquid and granular) with an easy way to generate detailed SmartReports™ for government recordkeeping.

SmartReport™

- Reports provide location, product information, applied totals, field areas, as-applied maps and field boundaries.
- Enter basic information about weather, soil conditions, products used, etc.
- Automatically generate PDF reports that can be saved, emailed or printed.
- Auto-generation of reports each time you finish a field.
- Requires no additional software.

Easily export all SmartReports to AgFiniti®.



Track by Operator, Machine or Date

- Filter application data by field, event, configuration, operator or date.
- See breakout by total acres that each operator has logged.
- View application for a specific date range.
- Batch Export SmartReports by day, week, month or entire season for easy recordkeeping.



ADDRESS YOUR CROP'S NEEDS AND PAD YOUR WALLET

Easily and effectively achieve profitability gains across side-dressed and top-dressed acres by responding to field variability in real-time with variable rate sensor technology.

HOW IT WORKS:

OptRx makes variable rate application simple by measuring your crop's health as you drive through the field and applying the right prescription instantaneously.

1. OptRx Crop Sensors shine light on crop.
2. Sensors then use reflected light off of the crop canopy to determine the vigor of the crop called Vegetative Index (VI).
3. Using the determined crop vigor, OptRx will prescribe the optimal application rate and apply it using DirectCommand. The operator has the ability to control all crop sensor settings.



BOLSTER GROWTH POTENTIAL

On-the-go variable rate application

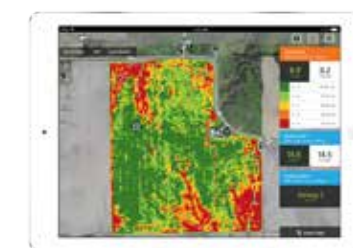
Generate a proven variable rate nitrogen prescription every year without per-acre service fees. Reallocate where nitrogen investment goes by applying higher rates in areas that will respond favorably to more nitrogen and reducing rates in areas that are nitrogen rich.



Scouting tool

OptRx can also be used as a scouting tool to gather crop health information with every in-season field pass. Easily mount on any piece of field equipment to gather data.

- NDVI & NDRE logging capability with InCommand™ 1200 Display.
- On screen mapping and data logging reads seamlessly into SMST™ Software or AgFiniti® Mobile, no need to purchase time intensive photo stitching software.
- Not affected by wind, cloud cover, daylight or FAA regulations.
- Even better, use OptRx with DirectCommand™ to identify and address your crop's needs all in one pass. Done deal!



Not just for nitrogen

Use the OptRx Crop Sensor Rate Table to apply any fertilizer or agro-chemical to any crop. The rate table allows the grower to apply products at different rates based on the crop's VI reading. The lower bound, upper bound, and rate are all user defined.

Lower Bound	Upper Bound	Rate	Number of Ranges
0.000	0.200	2.0	5
0.201	0.400	13.6	
0.401	0.600	11.0	
0.601	0.800	8.0	
0.801	1.000	3.0	

Press on a value in the table to edit.

VI Type: NDRE



OptRx Profit Calculator at agleader.com. *University and OEM Trials based on €150/t corn.



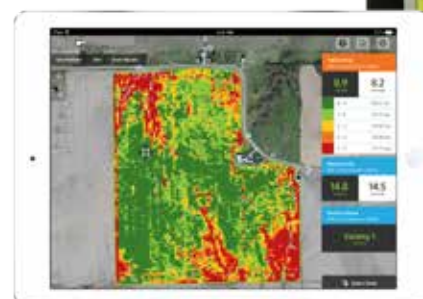
YIELD MAPS TO GO

Ag Leader started the data revolution with the first on-the-go yield monitor in 1992 and we've been continually perfecting the process of yield data collection ever since, allowing the utmost accuracy across all grain flows. Today we're still the most accurate and widely used yield monitor on the market.

Accurate yield data is arguably the most important information collected on the farm. Now is the time to know for certain if expenses are yielding results!

- Make sound management decisions based on multiple year's yield data.
- View yield and moisture maps in real-time for instant performance feedback.
- At-a-glance information provided by harvest summary screen shows the number of acres harvested, total and average bushels and more.
- Improve seed selection based on yield data over multiple years.
- Compare yield maps to planter or fertilizer maps while running the combine.

Leave the cab and take your data! Bring your yield data anywhere with you on your iPad® with AgFiniti® Mobile. Instantly know variety performance to take advantage of early seed discounts for next year's crop and more!

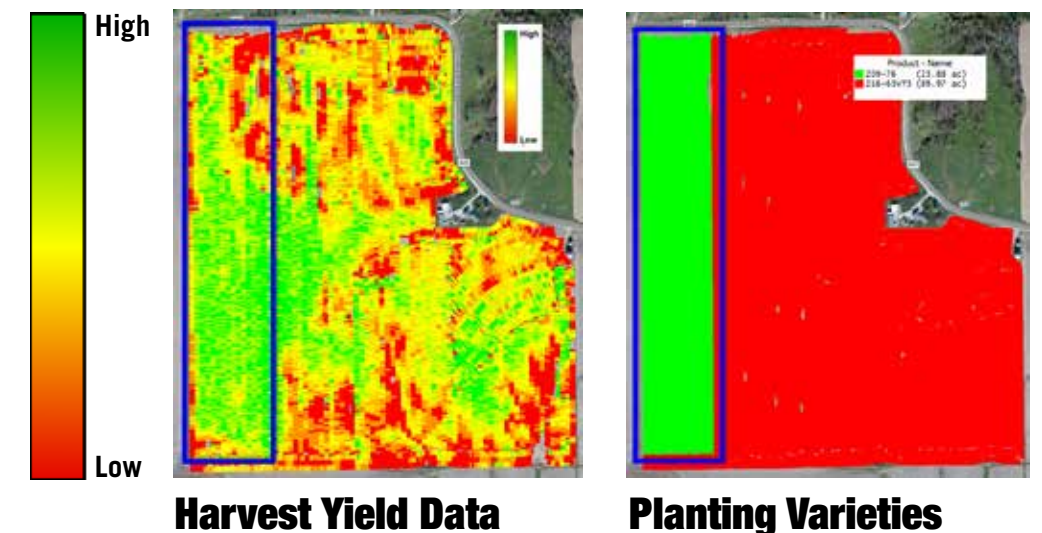


No internet required

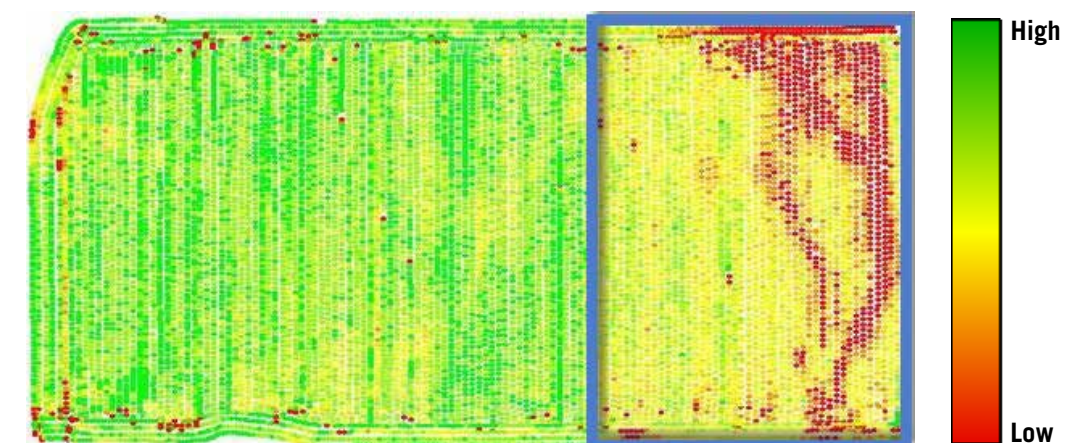
OPPORTUNITIES FOR PROFIT

Identify areas in your field to investigate yield robbing factors. Use AgFiniti® Mobile to scout out contributing factors of yield loss. Take yield data anywhere with you on your iPad. Combine multiple displays' yield data to make early order seed decisions with AgFiniti Mobile. Sit down with a consultant to discuss action plans.

Overlay planting maps with real-time harvest data to view instant variety performance information.



Overlay test strips, fertilizer as applied rates and more for instant yield comparison.



The Result:

Data is key to increasing profitability through management decisions that lead to increases in yield.

Just a **5%** increase in yield could mean **\$30+/acre** profit*.

* Based on 180 bu/ac avg yield at \$3.00/bu



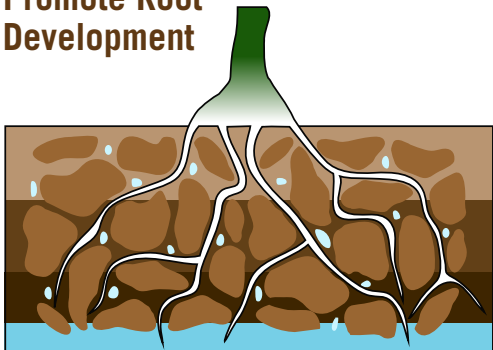
DO-IT-YOURSELF TILE INSTALLATION

Water Management is more important now than it ever has been. The decision to install drainage tile is a big one. There are big savings to be had by adopting a DIY approach to tiling; in the past this was an intimidating process. Stop the intimidation with Intellislope. Easy installation, easy planning, easy record keeping, making your life easier.

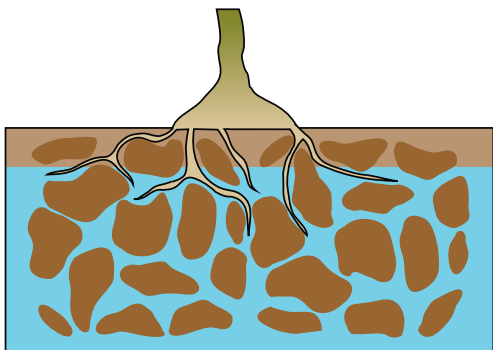
Tiling is a big investment, but the payback is even bigger:

- Get in the fields faster when your fields are properly drained.
- Reduced soil compaction levels
- Minimize nitrogen loss
- A lower water table in the spring develops healthier roots, resulting in better late-season performance.
- Improve land value and overall productivity.

Promote Root Development



Well-drained soils encourage deeper root development and healthier crops.



Saturated soils lead to shallow root growth and poor plant development.

INSTALLING TILE IS EASY AS 1, 2, 3.

1 SURVEY

Collect soil profile information (survey) for the area to be tiled before tile installation, or while using the tile plow and RTK GPS (see page 13 for more information). Knowing the soil profile provides information needed for tile placement.

2 PLAN

Enter parameters in the display that ensure tile is placed correctly in order to properly drain soils. Enter these parameters in field, or utilize the SMS™ Advanced Water Management Module in the office.

3 INSTALL

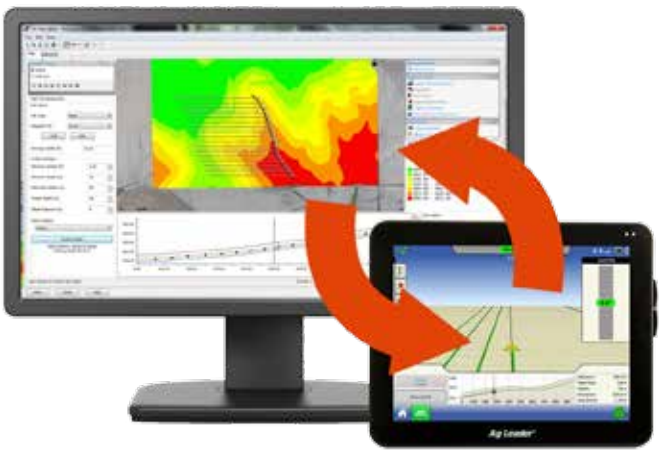
Use the plan you created to install your tile. Utilize AutoTile® to adjust the plow depth automatically to ensure accurate installation.



SMS Water Management Module

Allows you to easily design strategic field tile plans based on precise supporting RTK topography layers. Once the plan is complete, SMS will validate the plan to ensure desired drainage.

- Easily validate that tile runs are sized appropriately to meet drainage needs.
- Ensure proper tile sizing using the Drainage Coefficient tool.
- Velocity failsafe ensures tile is laid on a grade appropriate for the soil texture at the intended depth.
- Create the best field tile plan by comparing multiple installation plans for cost and drainage efficiency.



How Tiling Pays



*Projected using research by McFarlane et al 1992. Based on \$200/t wheat, \$400/t Canola and \$160/t Barley.



DATA AS THE HUB OF YOUR ENTIRE OPERATION

Today's agriculture is increasingly data centric, your information needs to be more accessible than ever. With the AgFiniti cloud based program, take information about your entire operation with you wherever you go to help you make decisions on the farm that matter most. Ag Leader believes the grower's data belongs to the grower. Growers can use AgFiniti with confidence, knowing their data is in their control.

Sharing

Share your information with trusted advisors and others involved with your operation. With AgFiniti, you and only you have control of your data and whom you choose to share it with.

Viewing

View your data anywhere, from any device. Phone, tablet, PC – Android or iOS. Utilize your favorite mobile technology in the office, in the field, at the coffee shop or with consultants and salesmen. Your data is available when and where you need it with AgFiniti!

Supporting

Increase runtime by allowing farm managers, dealers or support technicians to view your display. With remote support, help is just a click away!

Accessing

Send and receive data files wirelessly from the cab, including grower, farm and field information, prescriptions, guidance lines, boundaries, data files and more!

Connecting

With AgFiniti, maps and reports are automatically created for viewing from most Ag Leader displays. No desktop software needed.

Analyzing

See what happened at a specific location when walking through the field. View field operation data to see what happened with variety, application and equipment information for that exact spot.

DATA WHERE AND WHEN YOU NEED IT



NEW AgFiniti Mobile App

Download the free AgFiniti Mobile app to easily sync data from your InCommand™ display to your iPad. Knowledge is power. When you leave the field, take your data, maps and reports with you.

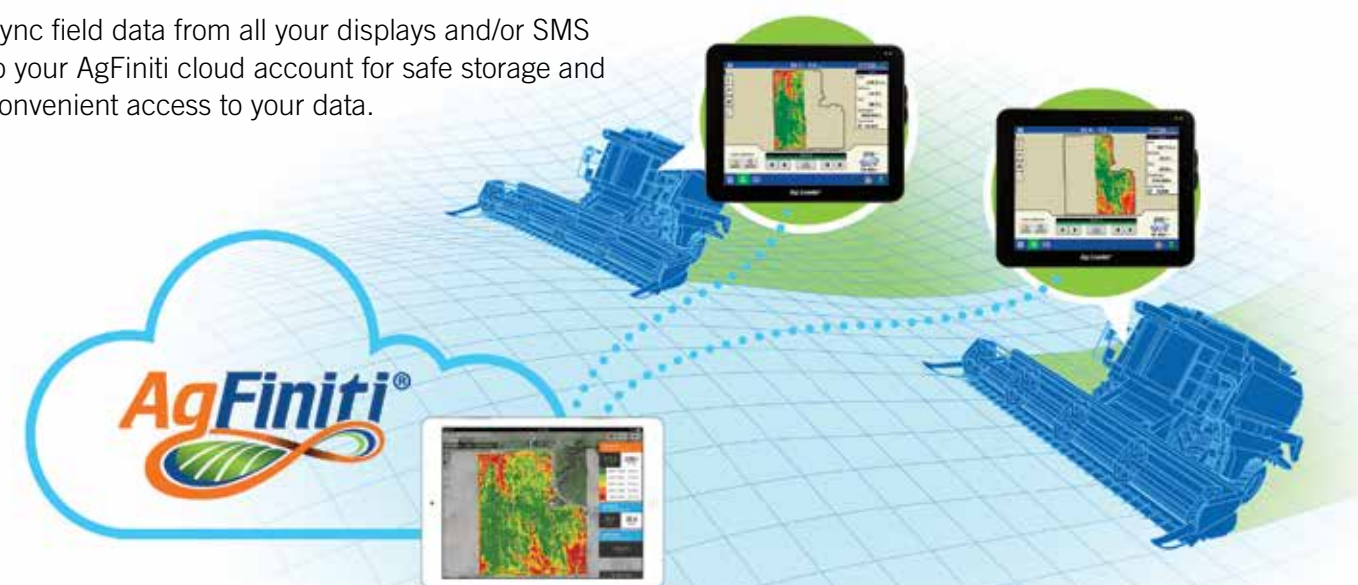
No data plan or internet connection required.

Free AgFiniti Mobile App for iPad.



CONNECT YOUR WHOLE OPERATION

Sync field data from all your displays and/or SMS to your AgFiniti cloud account for safe storage and convenient access to your data.

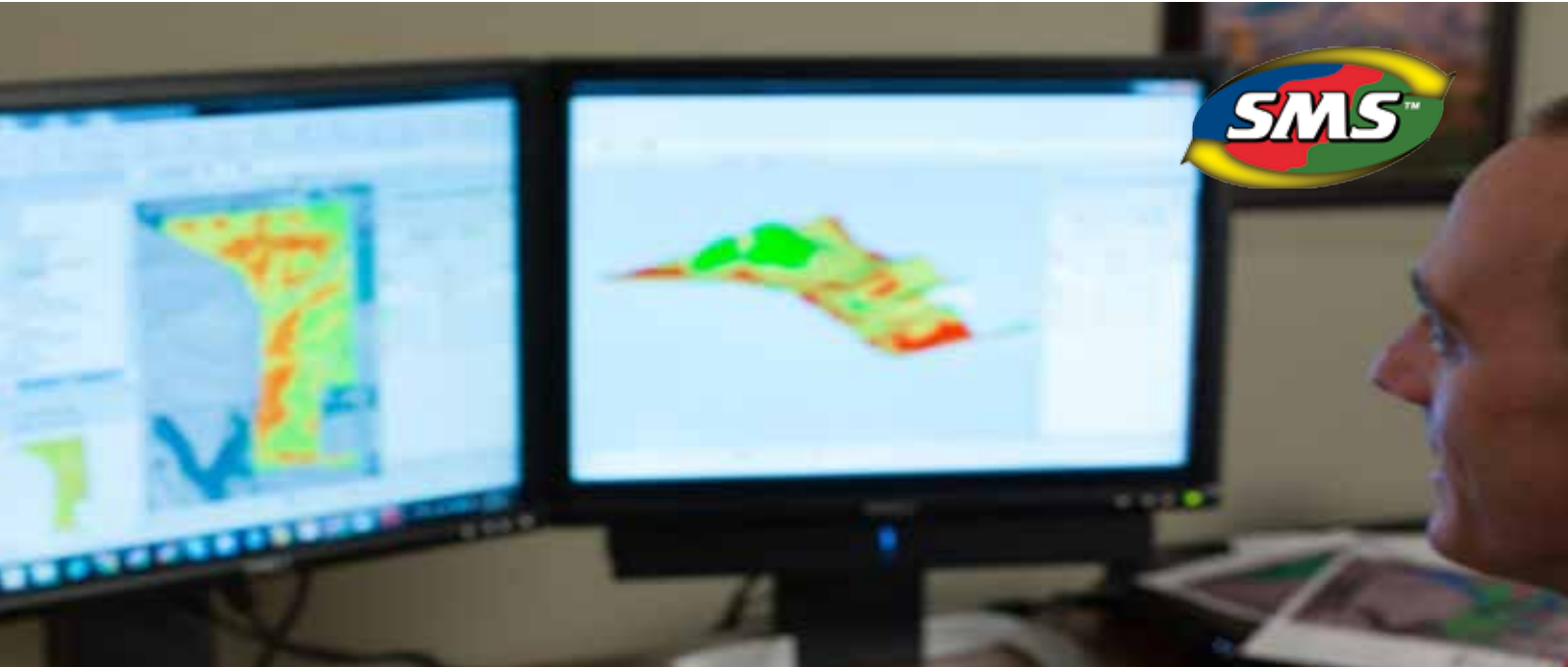


Uses for Every Season

No matter the season or activity, AgFiniti helps improve efficiency and simplifies decision-making.

- Ground truth herbicide performance by knowing important factors about application such as speed, rate, and swath widths, while standing in field.
- Is your down force adjusting accordingly? Double check seed depths related to important statistics such as down force applied or gauge wheel load.
- Know how many total bushels your operation has harvested, no matter how many combines you run.
- Know exactly where your tile is located in your fields, making repairs or additions quick and easy.
- And more. Your data is at your fingertips!





PLAN, MANAGE, PROFIT.

We understand that smart management decisions are a must in your farming operation. And, because you may have data from different systems and sources, we aim to support as many data types as possible. SMS was developed with this in mind, so you can make well-informed decisions based on all your data. Whether the data is from planting, fertilizing, spraying, harvest, tiling or guidance, SMS can house and organize all of it for easy access.

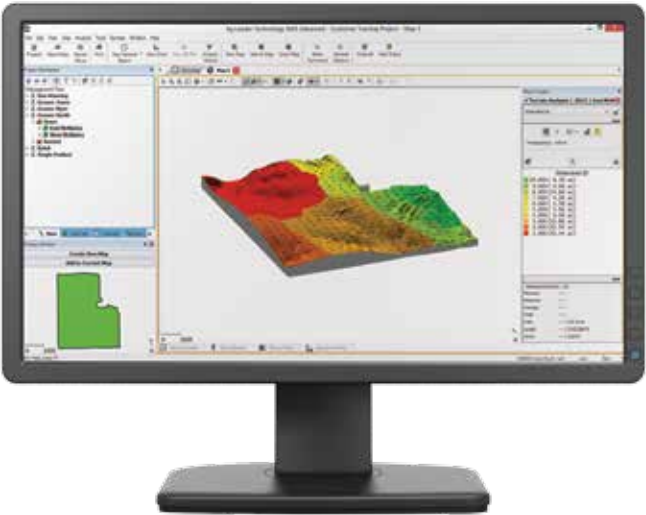
- Use AgFiniti to view SMS data from anywhere on your favorite mobile device.
- Organize, plan and manage field operations.
- View and print maps, reports and operation summaries.
- Layer maps of field applications (tillage, planting, spraying, harvest, etc).
- Create reports and maps that can be used to satisfy government reporting.
- Track and store multi-year trends in your fields.
- Analyze data to determine areas of improvement and make more profitable decisions.
- Easily track operational expenses and income, which can be included in financial reports and print layouts.

SMS Software Supports

- | | | | |
|--------------|----------------------------|----------------------|----------------------------|
| • Ag Leader | • Gradient | • KINZE | • Trimble |
| • AGCO | • HARDI | • Mid-Tech | • Shape, Image, Text Files |
| • AutoFarm | • Hemisphere GPS (Outback) | • New Holland | • LIDAR Files |
| • Case IH | • ISO 11783 | • Precision Planting | |
| • CLAAS | • John Deere | • Raven | |
| • Flexi-Coil | | • RDS | |

SMS™ Basic

Use information captured from your entire operation – planting, application, harvest and more – to turn data into smart management decisions with the powerful SMS Basic desktop software.



SMS™ Advanced

Ag Leader's feature-rich SMS Advanced gives growers and trusted advisors data management across many acres, fields and operations. SMS Advanced carries all of the features of SMS Basic, plus additional tools and features designed for superior analysis and report generation.



SMS™ Mobile

Collect in-field information such as crop scouting, soil sampling, boundaries and more with SMS Mobile. Once data has been captured, integration with SMS Basic and Advanced desktop software makes transferring your data simple.



SMS™ Features	Basic	Adv.
File Processing from Most Precision Ag Displays	■	■
Sort Data by Geography	■	■
Generate Crop Plans	■	■
Create, Manage and Export Guidance Lines	■	■
Print Summary Maps, Charts and Reports	■	■
Write Simple Prescriptions	■	■
Aerial/Road Backgrounds	■	■
Query Tools to Analyze Specific Areas	■	■
Check for Updates	■	■
Soil Survey Import (U.S. ONLY)	■	■
Project Management	■ (limited)	■
View map data in AgFiniti*	■	■
Financial Entry (Basic/Adv)	■	■
Send/Receive files with AgFiniti	■	■
View data with AgFiniti Mobile	■	■
Equation Writing		■
Calendar View		■
3-D Plotting and Terrain Viewing		■
Comparison Analysis		■
Correlation Analysis		■
Terrain Analysis		■
NDVI Analysis		■
Profit/Loss Mapping		■
Backup Scheduling		■
Cluster Analysis		■
Multi-Year Averaging		■
Display Elevation Surface Contours		■
Multiple Data Storage Locations		■
Dataset Playback		■
Booklet Printing**		■
Water Management**		■
Plot Prescription**		■
*Service available for purchase.		
**Optional module.		



TURN YOUR DATA INTO DOLLAR SIGNS

SMS Basic helps you take data from your field and turn it into smart management decisions using information gathered from planting through harvest. In a grower/consultant relationship, SMS Basic works in conjunction with SMS Advanced, providing even more analytical tools and better insight into your precision farming operation.

- Overlay yield maps with other field operations to determine yield influences.
- Create and manage soil sample points, grids and regions.
- Automatically download soil survey maps (U.S. only) for your fields.
- Create/export prescription maps to most precision displays currently on the market.
- Create reports and maps that satisfy government reports.
- Easily track operation expenses and incomes.
- Use AgFiniti to wirelessly send and receive data from your Ag Leader display or in AgFiniti Mobile.



Guidance Planning

Import, manage, store and transfer guidance patterns or AB lines.

Prescriptions

Create and export simple variable rate prescriptions for seed, granular and liquid application.

Charts and Graphs

Build and print maps, charts and reports.

For the Grower

With SMS Advanced, growers gain increased depth of information across multiple years and variables, allowing for deeper insight into field-by-field trends and their effect on yield.

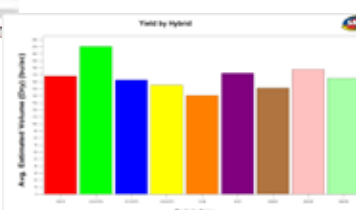
For the Trusted Advisor

Crop consultants, insurance providers, custom service providers and seed dealers benefit from the ability to manage an unlimited number of projects, allowing for data analysis by individual fields or across an entire client base while keeping data separate.

All the same great features of SMS Basic, plus:

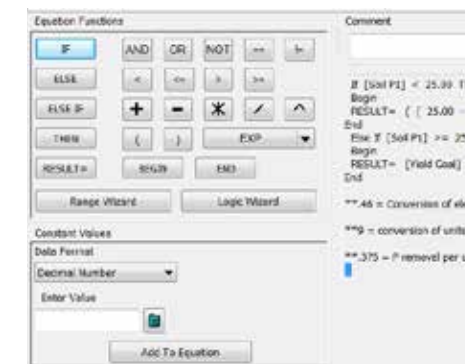
- Compare the effect any number of variables have on yield results.
- Combine data to help define management zones.
- Automate analysis functions to reduce time and generate consistent reports.
- Input satellite, photo or crop sensor imagery to view plant health.
- Track speed, rate, elevation and more with pass-by-pass animated replays.
- Design tile plans to be installed (optional module; see more information on page 29).
- Create personalized booklets for each client including charts, graphs, maps, etc. (optional module).
- Strategically place and define in-field research plots in the office and use to plant in the field (optional module).
- Use input cost and other financial information to generate map displays of profit/loss across fields.
- Create a terrain analysis layer based on a field's topography to display slope, identify watersheds, drainage areas, wetness potential, flow direction and more.

Product Name	Reg. Estimated Yield (bushels)	Reg. Moisture (%)	Reg. Area (ac)
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36
Hybrid	11.1	17.1	24.36



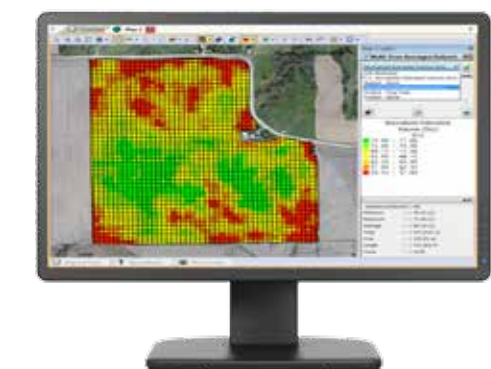
Comparison Analysis

Easily compare how different field or operation variables (moisture, soil type, fertilizer rates, etc.) affect results.



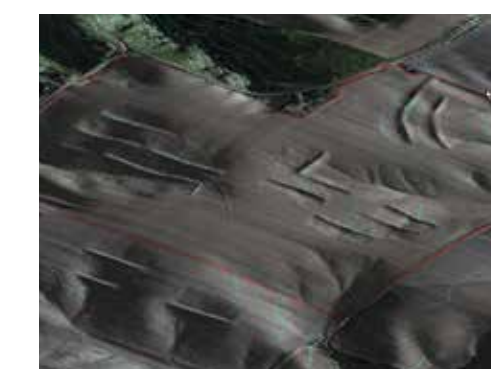
Equation Writing

Build an equation to generate a variable rate prescription, or other datasets based on mapped layers, such as soil sampling and/or grain harvest results. Run these equations for a specific field or across an entire project.



Multi-Year Averaging

Accurately view performance trends across multiple years and crop types.



3D View

View your field using 3D maps to help analyze drainage, tiling and terracing needs.



Ag Leader Technology Inc
2202 S Riverside Dr, Ames, IA 50010 USA
www.agleader.com

EMEA office
Sluisweg 11, 6582 AG Heumen Malden, The Netherlands
Phone +31 24 3434134 / www.agleader.com / EMEA@agleader.com

THE COMPLETE PRECISION FARMING SOLUTION

Who you partner with for your precision farming technologies is an important decision. Ag Leader has been a pioneer in precision farming since the very beginning. In fact, Ag Leader has the most complete lineup of precision farming technology available – both hardware and software. Ag Leader's network of precision farming dealers and its team of dedicated support and training specialists are behind you, granting you access to the best precision farming support in the industry.

Ag Leader reserves the right to make changes in engineering, design and specifications, and improvements, or discontinue manufacture at any time without notice or obligation. Ag Leader®, Ag Leader Technology®, SureStop®, OptRx®, Intellislope®, AutoTile®, AgFiniti®, are registered trademarks of Ag Leader Technology Incorporated. InCommand™, Compass™, SteerCommand™, StableLoc™, AutoSwath™, SeedCommand™, SureVac™, DirectCommand™, SmartReport™, SMS™ Software are trademarks of Ag Leader Technology Incorporated. Copyright © 2016 Ag Leader Technology Incorporated. All other marks and owned by their respective companies represented herein: Apple® iPad®, OnTrac3™ - Novariant, Inc., TerraStar - NovAtel, Inc., New Leader - Highway Equipment Company, Controller Area Network (CAN) is the intellectual property of Robert Bosch GmbH.