

# Ag Leader®

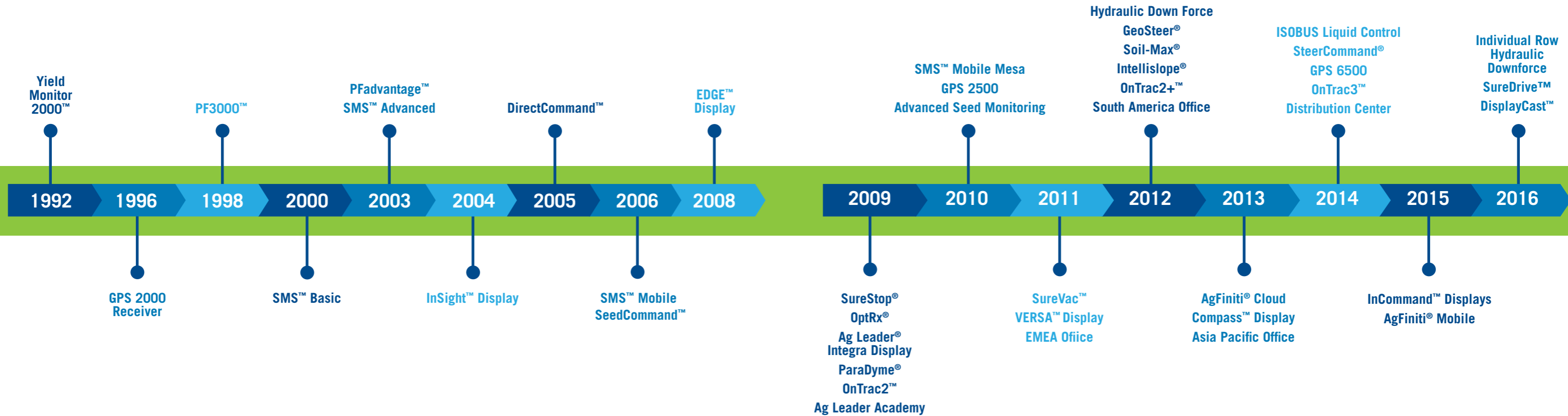
[www.agleader.com](http://www.agleader.com)



**Years of Innovation**

2017 Products & Services

# 25 YEARS OF PRECISION INNOVATION



## A Message from our President

Welcome to Ag Leader's 2017 product catalog. Inside you'll find products to make your farming operation more efficient, smarter and more profitable, whether you're new to precision agriculture, new to Ag Leader or a well-seasoned veteran.

You may perhaps already be familiar with Ag Leader, but for those of you who are new to the brand, Ag Leader is an organization that holds ethics, relationships, trust and integrity highly. With that philosophy, we've been around awhile. In fact, 2017 marks the 25th anniversary of Ag Leader, and we're proud to say we're still here and we look forward to what the next 25 years bring for precision agriculture.

Ag Leader spurred from innovation, and it is quality of product, integrity and ingenuity that continues to drive us today. In 1986, I felt the need to be innovative beyond the scope of my day-to-day job, so I began development of the on-the-go yield monitor. Despite the financial challenges that my young family endured, I stayed committed, prototype after prototype, until I was satisfied with a high quality, marketable product. In 1992, Ag Leader was born.

*"I felt the need to be innovative beyond the scope of my day-to-day job"*

For 25 years now, Ag Leader has been producing high quality, innovative precision agriculture tools that improve decision making, efficiency and solve agronomic challenges around the globe.

Ag Leader is defiantly independent, and committed solely to helping growers better their quality of life and address agronomic issues through precision farming solutions. With four support offices, 280+ employees worldwide and an expansive domestic and international dealer network, Ag Leader is dedicated to producing a valuable product experience for growers. Ag Leader remains privately owned and family operated, with headquarters in Ames, Iowa, USA.

There are many changes going on in the world of precision agriculture these days – mergers, buyouts and new companies entering the market. It seems many precision partners are focused on producing products that appeal to the equipment

manufacturers and less on what the individual grower needs. Here at Ag Leader, addressing the wants and needs of farmers is priority one.

We invite you to look over our products for 2017, visit [agleader.com](http://agleader.com) to learn more and then inquire with your local Ag Leader dealer. I'm certain Ag Leader can bring positive gains to your farming operation, and to your quality of life.

**Al Myers**  
President, Ag Leader Technology

**Ag Leader®**



# Year Round Decision-Making Tools



InCommand Displays with  
NEW DisplayCast

DISPLAYS/GPS  
& STEERING  
PG 6-15



APPLICATION  
PG 20-25



HARVEST  
PG 26-27

PLANTING  
PG 16-19

WATER  
MANAGEMENT  
PG 28-29

DATA MANAGEMENT  
PG 30-35

**CONNECT YOUR ENTIRE OPERATION  
WITH AGFINITI AND INCOMMAND DISPLAYS**





# 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.

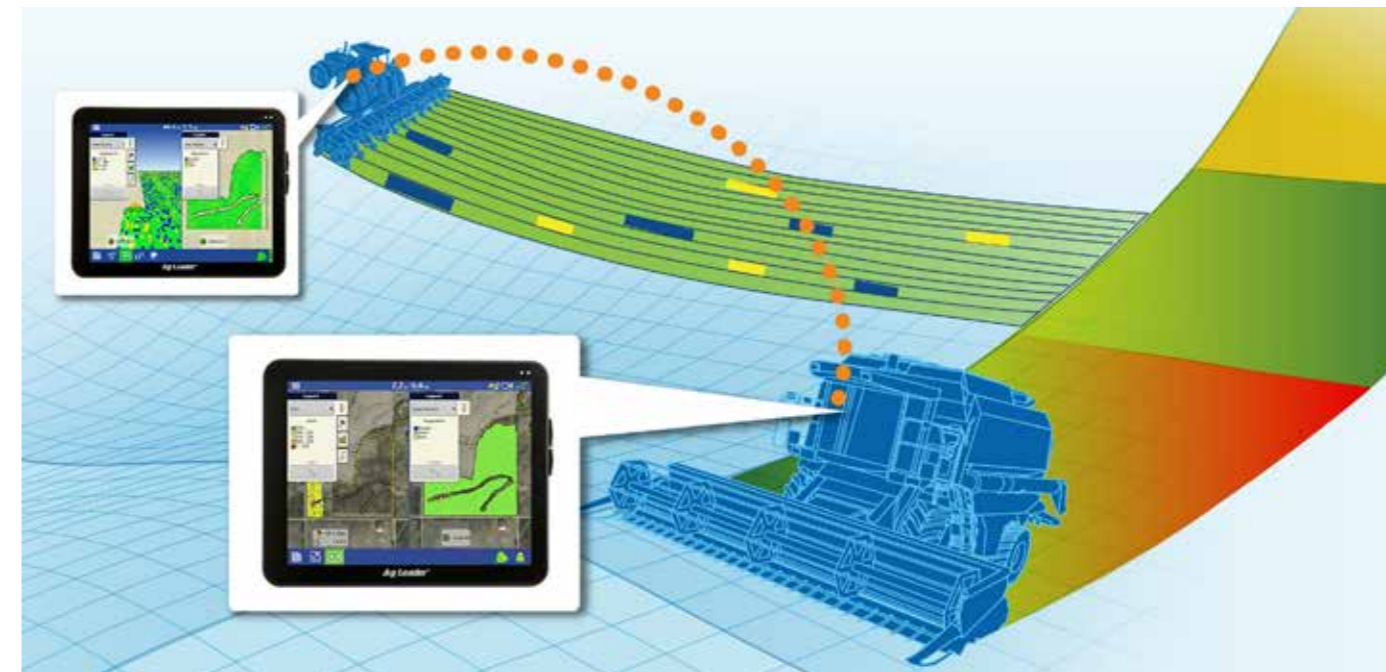
### Highlights

- NEW Display-to-display communication.
- NEW Satellite imagery.
- Tablet-like interaction.
- Wireless connection with AgFiniti Mobile.
- Split-screen view (InCommand 1200).
- Integrated lightbar.
- Year-round functionality.
- Advanced planter control (InCommand 1200).
- Variable rate, multi-product control.
- Intellislope tile plow control (InCommand 1200).
- Yield monitoring.
- ISOBUS/Universal Terminal/Task Controller.
- Camera support.
- SmartReport (InCommand 1200).

See display comparison for complete list of features, pg 9.



## CONNECTED FOR PRODUCTIVITY



### InCommand Displays Talk

The next level of connectivity is here! AgFiniti and InCommand displays come together to bring you DisplayCast, a new feature providing display-to-display communication. Whether you have two displays working in one field, or need information from another display parked on your operation, DisplayCast is the ticket to speed and efficiency on your farm.

### Now Share:

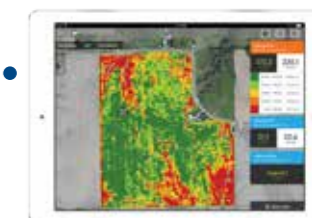
- All Configurations, Growers/Farm/Fields, Products, Boundaries.
- Coverage maps for AutoSwath™.
- Guidance lines.
- Field summary information.
- Planting maps for variety tracking.
- Yield attributes from all displays.
- Tillage maps.
- and more!

### AgFiniti Mobile

Take your data with you as soon as you leave the cab. Data collected from your display syncs wirelessly to your iPad® through AgFiniti Mobile. Share data with advisors, scout the season's progress, aid management decisions and more!



No internet required



Free AgFiniti Mobile app for iPad®





# NO FUSS GUIDANCE DISPLAY

The 7-inch touchscreen Compass display 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.

## Highlights

- 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.

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

\*See page 31 for details



## OPTIMISE 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

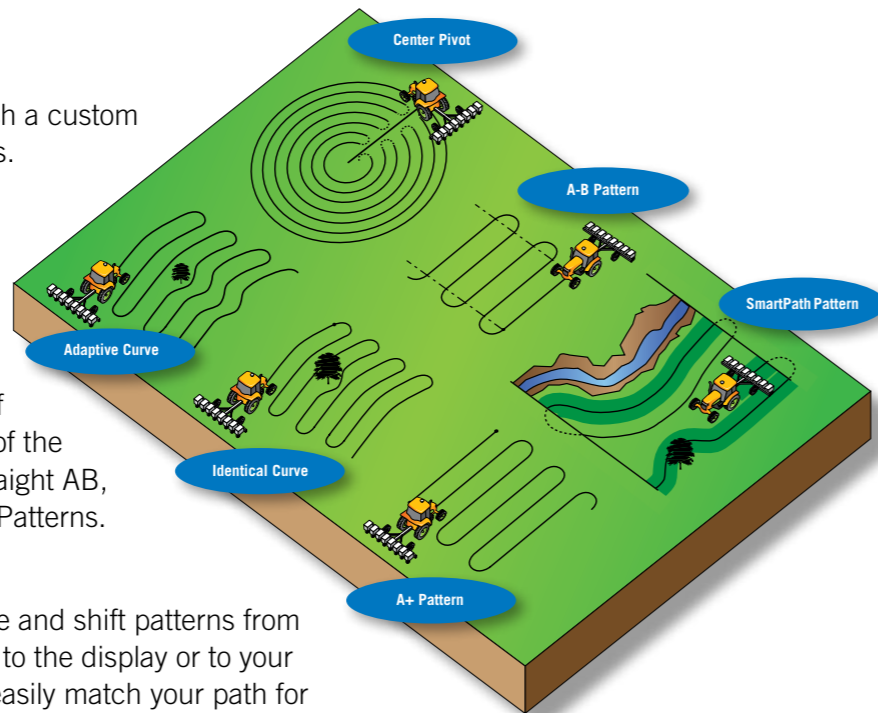
Drive one pass through the field to establish a custom guidance pattern based on your initial pass.

### Using Pattern Groups

Save up to 20 patterns in a group. 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.

### Pattern Management

Save, load, reset, pause, resume, nudge and shift patterns from the in-cab display. Load saved patterns to the display or to your precision farming software so you can easily match your path for later field operations.



## HASSLE-FREE MACHINE GUIDANCE



### Satellite Imagery

Utilise satellite imagery on the InCommand to take guidance to the next level. Before, during or after setting a guidance pattern, you have a visual of the field to assist in maximising your guidance pattern.



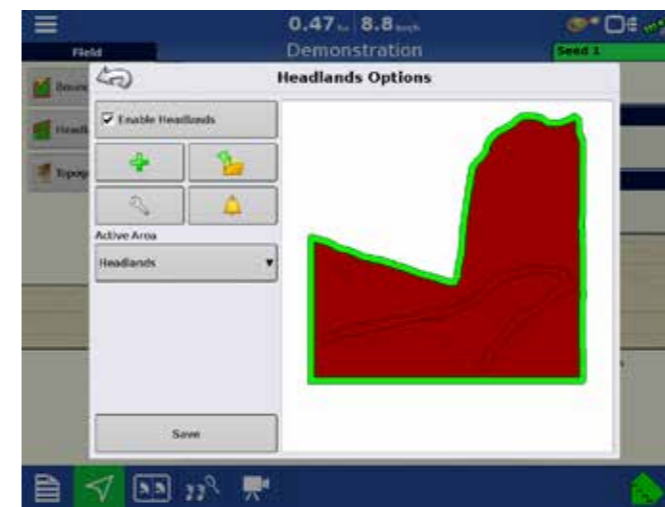
### Perspective View

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



### Integrated Lightbar

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



### Headlands

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



# UNRIVALED GNSS TECHNOLOGY

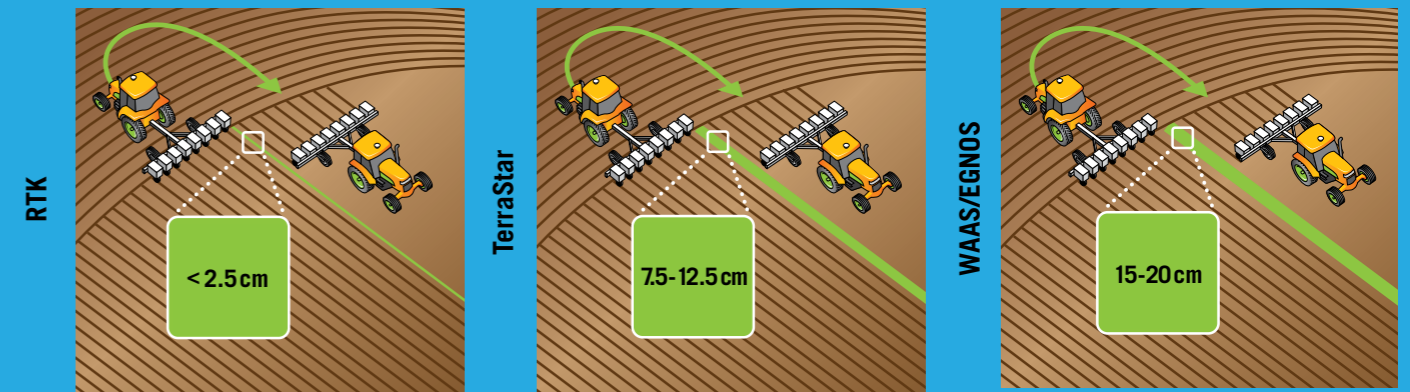
Ag Leader offers a full range of GNSS options for steering, field preparation, variable rate, guidance, mapping and more. The GPS 6500 and GPS 6000 systems, as well as the GPS 6500 Base Station, provide accuracy, repeatability, range and simplicity.

## Highlights

- Differential corrections include RTK and TerraStar.
- 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, and mounts with the GPS 6500 unit for an integrated, easy-to-install and move system. 900/400 MHz radio and 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	✓	✓
<b>GPS DIFFERENTIAL CORRECTION</b>		
GLIDE	✓	✓
EGNOS	✓	✓
TerraStar		✓
RTK		✓

## TERRASTAR

- Quick convergence and when needed, rapid reconvergence.
- Incorporates GPS and GLONASS signals to view more available satellites.
- One, three and twelve month TerraStar subscriptions are available from Ag Leader.



# LEADING STEERING PERFORMANCE

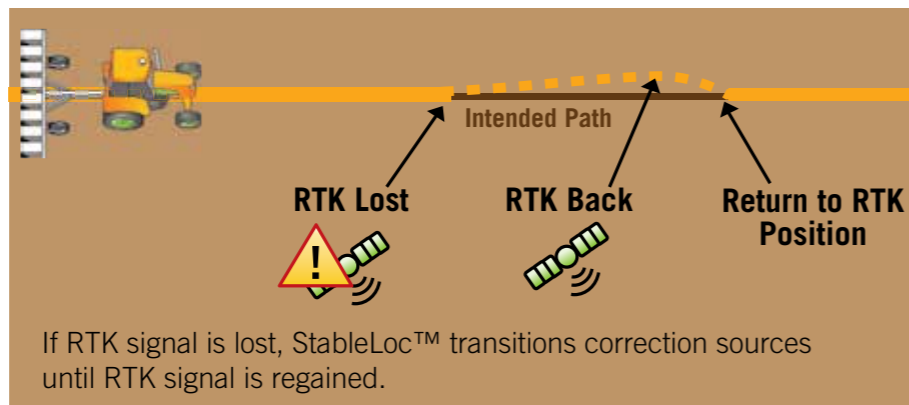
Pair your Ag Leader display with our first-class steering systems to reduce operator fatigue and extend working hours with SteerCommand automated steering systems and OnTrac3 assisted steering.

## Highlights

- 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.



## 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, 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, TerraStar and RTK.



## OnTrac3 Assisted Steering



OnTrac3 improves pass-to-pass accuracy the economical way with simplified steering for any modern tractor, header, sprayer 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 provides seamless and precise steering, while eliminating slippage associated with friction-design steering systems.



## THE NEXT GENERATION OF SEEDCOMMAND

Each planting season you get one chance to get your plant stand just right. Making sure your planter is performing optimally and each seed is being placed at the right depth, at the right spacing and at the right population is critical. Best of all, you can improve the planter you already know and love.

### Highlights

- Row-level data for unmatched visibility into planter performance with the InCommand 1200 display.
- SureDrive electric drives are compatible with any meter, even hard-pulling finger meters.
- Improved singulation, turn compensation and even seed spacing around contours all within the sealed, maintenance free SureDrive electric drives.
- Individual Row Hydraulic Down Force provides consistent planting depth and even plant emergence across your entire planter.
- Vacuum monitoring feature ensures proper vacuum meter performance.

## A WINDOW INTO YOUR PLANTER WITH DETAIL AT THE ROW LEVEL



### InCommand 1200 Display

**Planter performance has been a guessing game until now.**

The detailed on-screen map provides a historical record which alerts the operator to chronic planter issues pass-to-pass. At the row level, planter performance pitfalls, like skips and doubles, are quickly identified so operators can immediately take action and avoid costly yield-robbing errors.

### Tired of toggling between screens?

The split screen view allows operators to view two screens at once. View the vehicle guidance screen and planter monitoring, down force and cameras, background reference maps and more.

### InCommand's NEW DisplayCast feature

Share coverage maps between multiple InCommand displays, guidance lines or even historical maps from previous field activities (ex. reference fertiliser applications to adjust population in areas for on-farm trials).

Easily identify planter issue in row 12



Use historical records to identify yield robbing issues earlier and get more detail on row level data including population, singulation, spacing, down force and more.



**MAKE THE MOST OUT OF THE PLANTER YOU ALREADY HAVE**

**SureDrive Electric Drives**

**Powerful Meter Control**

Optimise your existing meter - even hard-pulling finger meters, allowing for consistent, responsive control. Additionally, SureDrive acts as a clutch for individual row section control and effectively varies the population across the whole planter with the hyper-responsive high torque drive.

**Turn Compensation**

Avoid having too many plants on inside rows and too few on outside rows with turn compensation. SureDrive automatically adjusts meter speed on each row to keep a consistent population around turns, contours and terraces.

**Maintenance Free**

SureDrive's robust, sealed construction is maintenance free for season after season durability and reliability. Install SureDrives on your planter, and eliminate rusty chains, time intensive air clutches, old harnesses and bearings which constantly cause upkeep and headaches.

**Versatile to Work with Any Meter**

SureDrive is built to install on most major planter brands on the market. Uniquely, the efficient, yet high torque electric drive motor isn't tied to a specific brand or type of seed meter - including hard pulling finger meters - making it able to optimize the meter and planter you already have.



**MAINTAIN PLANTING DEPTH, OVERCOME COMPACTION ON EVERY ROW**



**Hydraulic Down Force**

**Individual Row Control**

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

**Stress-minimising Accumulator**

Acts as a cushion to minimise 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.

**Uplift Springs**

Growers with large seed hoppers and/or clay soils can take advantage of high tension uplift springs to ensure there isn't too much weight on the gauge wheels in these scenarios.



**Two Maps at Once with Row-by-Row Detail**

View down force applied and advanced planter monitoring, or guidance and planted varieties... the choice is yours.



AgFiniti Mobile: Know exactly how much down force was applied, row by row, across your whole planting operation. Take this information with you to verify stand health and variety performance.



# APPLICATION CONTROL THAT MEETS TODAY'S CHALLENGES

Times are changing; liquid product application is becoming more challenging. Today's advanced and costly agrochemicals need to be applied more precisely and with increasing care to avoid headaches and expense.

Fortunately for farmers, there's DirectCommand. DirectCommand easily addresses common pressing issues such as ease of use, proper plant coverage, spray drift, proper nitrogen application, easy documentation and more.

## Highlights

- Automatically turns sections on/off based on field boundaries, already-applied areas and user defined headlands – reducing overlap, spray drifts and gaps.
- Controls application rates automatically from prescription maps or manually entered target rates.
- Variable rate control of one or multiple products.
- Records application activities including applied areas, rate applied and other conditions.
- Reads up to three optional pressure sensors, eliminating the need to monitor small pressure gauges outside the cab.
- Flow and pressure based product control – system can use the optimal flow based control at higher application rates then switch to pressure based for the best product control at lower rates.
- Boom prime – enter a desired pressure and system will prime to this value. Also used as a standby pressure (hold).
- Supports up to 36 boom sections on select sprayers.



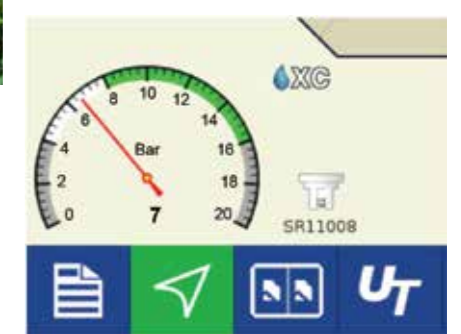
AgFiniti Mobile: Scout fields knowing exactly where product was applied. Allowing you to realise the benefits of a product through field trials in real-time.

## WHY DIRECTCOMMAND?



### Avoid Spray Drift

DirectCommand takes drift control one step further with real-time monitoring of droplet size based on current system pressure and an easy to use interface and dynamic color-coded pressure gauge. Apply with accuracy, efficiency and safety.



### Proper Plant Coverage

DirectCommand ensures proper plant coverage through the pressure fallback feature, allowing it to spray more accurately in low flow rate scenarios. Proper plant coverage at all flow rates, period.



### Chemical Effectiveness

Increase agro-chemical effectiveness by monitoring droplet size to ensure application products are applied at the droplet size recommended on the label. DirectCommand's droplet size monitoring has settings for ultra-course to extremely fine, and everywhere in between for optimum plant absorption.

### Controller Compatibility

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

### Easy Documentation

From automatically generated SmartReports to AgFiniti and SMS, spraying documentation couldn't be any easier or more versatile to suit your record keeping needs. Automatic documentation through .pdf printable reports, mobile documentation through AgFiniti or powerful analysis in SMS, Ag Leader has you covered.





**THE RATE YOU WANT, WHERE YOU WANT IT**

**Spinner Spreader Control**

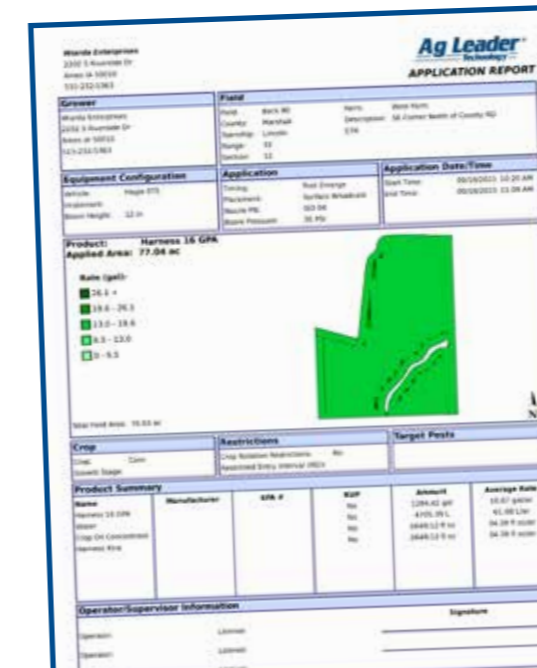
- Simultaneous application of up to five granular products.
- Highly responsive spinner performance.
- Closed loop spinner speed control.
- Support for prescription map variable rate application.
- Easily create and edit product blends for accurate data logging of field applications.
- Container Sequencing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

**Strip-Till Fertiliser Control**

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

**DOCUMENTATION SIMPLIFIED**

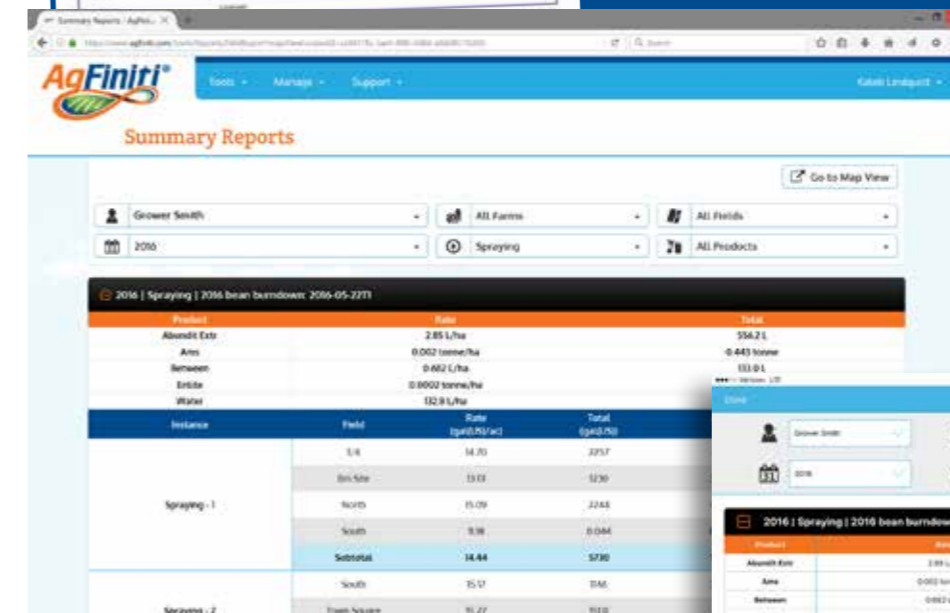
Simplify application reporting (both liquid and granular) with an easy way to generate detailed SmartReports from your InCommand 1200 display for government record-keeping.



**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.



Use AgFiniti Cloud or AgFiniti Mobile to help track and record application rates, dates applied, hectares and more!





# ADDRESS YOUR CROP'S NEEDS AND PAD YOUR WALLET

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

## HOW IT WORKS:

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

1. Operator enters field specific settings, such as: min. and max application rates as well as any pre-applied nitrogen credits that may be present.
2. OptRx shines light on the crop canopy and then reads reflected light off of the crop to determine plant health.
3. OptRx will prescribe the optimal application rate and apply it using DirectCommand.



## BOLSTER GROWTH POTENTIAL

### On-the-Go Variable Rate Application

Generate a proven variable rate nitrogen prescription every year without per-hectare service fees. Reallocate where nitrogen investment goes by applying higher rates in areas that will respond favourably 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 SMS Software or AgFiniti Mobile, no need to purchase time intensive photo stitching software.
- Not affected by wind, cloud cover, daylight or CASA regulations.
- Use OptRx with DirectCommand to identify and address your crop's needs all in one pass.

### Not Just for Nitrogen

Use the OptRx Crop Sensor Rate Table to apply any fertiliser 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
0.000	0.200	2.0
0.201	0.400	13.0
0.401	0.600	11.0
0.601	0.800	8.0
0.801	1.000	3.0

Number of Ranges: 5  
VI Type: NDRE

Press on a value in the table to edit.



# YIELD MAPS TO GO

Ag Leader yield monitoring technology started the data revolution and ignited the precision agriculture industry with the first on-the-go yield monitor back in 1992. Today we offer the most accurate and widely trusted yield monitor on the market, with platform kits for just about every header made in the last 30 years.

Accurate yield data is arguably the most important information collected on the farm. Now is the time to know for certain if costly inputs are performing!

## Highlights

- Bring your yield maps with you on your iPad® as you leave the cab with AgFiniti Mobile.
- Use InCommand with DisplayCast for swath control information and to view crop attributes from other displays in your harvest operation.
- Utilise split-screen view on the InCommand 1200 to view up to four cameras for safe and smooth unloading and transport.
- Make sound management decisions based on multiple years' yield data.
- View yield and moisture maps in real-time for instant performance feedback.
- At-a-glance information provided by the harvest summary screen shows the number of hectares harvested, total and average tonnes, productivity metrics and more.
- Improve seed selection based on yield data over multiple years.
- Compare yield maps to seed, fertiliser trials, tile or other background maps while harvesting.

# 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. Sit down with a consultant to discuss action plans.

Leave the cab and take your data! Bring your yield data 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!



Use AgFiniti and AgFiniti Mobile during harvest to gain new insights into your field's yield influencers. Discover how yield trends track from year to year. Discover a certain variety's effect on moisture levels. View planter performance information while you harvest, or even view fertiliser trials from two years ago to determine any residual effects. The power of your data is in your hands!



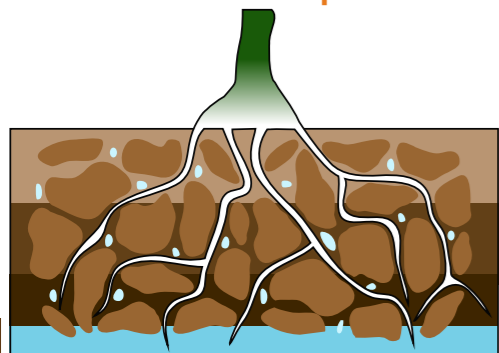
# DO-IT-YOURSELF TILE INSTALLATION

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.

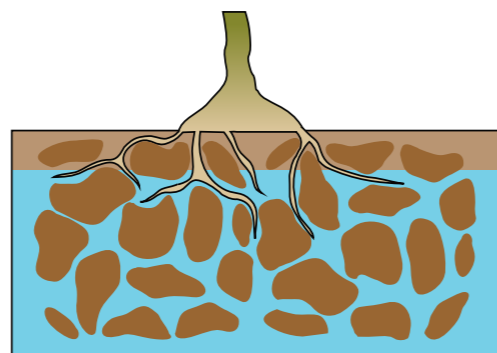
## Highlights

- Get in the fields faster when your fields are properly drained.
- Reduced soil compaction levels.
- Minimise 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 plough 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 utilise the SMS Advanced Water Management Module in the office.

## 3 INSTALL

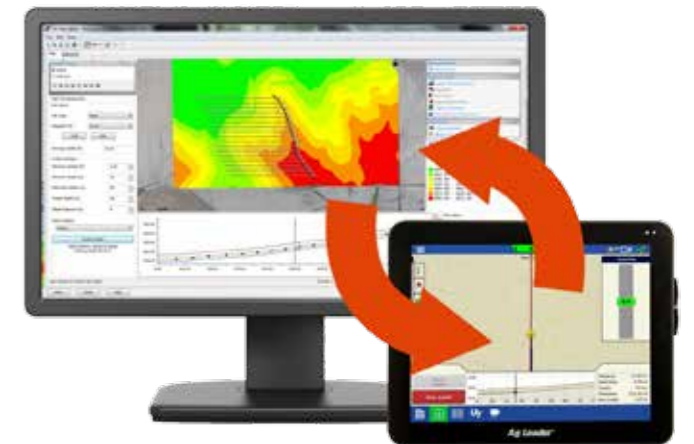
Use the plan you created to install your tile. Utilise AutoTile® to adjust the plough depth automatically to ensure accurate installation.



## SMS Water Management Module

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 fail-safe 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.





# YOUR DATA WHEN AND WHERE YOU NEED IT

The AgFiniti Cloud-based Platform is the central hub of your operation's data management system. Combined with Ag Leader's sleek, modern displays, AgFiniti provides your operation with data whenever and wherever you need it. Once you leave the field, your maps and reports automatically appear on your iPad® using the AgFiniti Mobile app, or on your

laptop, on your tablet, or even on your smartphone. Access your information when you want, whether you're meeting with the landlord, scouting your fields, or need to see information from another display. The ability to easily view your data without having to learn desktop software allows you to make well informed decisions that impact your bottom line.

## HOW DOES AGFINITI FIT INTO YOUR OPERATION?

### Planting

Pair AgFiniti with your InCommand display to quickly and easily view planter population, skips and doubles, singulation, and down force information from anywhere! All of your information is at your fingertips whenever you need it.

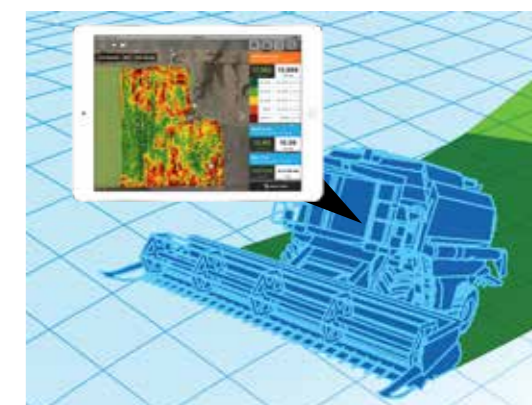


### Application

Do you need to order more chemical? Using AgFiniti while applying helps you make these decisions quickly and accurately. All the while, creating reports you can send to clients, landlords, or keep for your records.

### Harvest

While you're in the header, reference your fungicide or fertiliser trials while you're harvesting, regardless of what display was used for application. Run two headers? Maps are automatically merged together, giving you a complete picture of your operation's yield, moisture, productivity and more.



### In Season

Using AgFiniti to help you scout your fields, fix tile lines, take soil samples or print your year's worth of maps and reports can ensure your season goes as smoothly as possible!



# AGFINITI - AN ESSENTIAL PART OF YOUR OPERATION

## AgFiniti Cloud

Take your data management experience to the next level with the AgFiniti Cloud Based Platform. Your maps and reports seamlessly sync between all of your devices. From your display to your iPad, to your smartphone or even your tablet! Even send prescriptions and setup files right to your displays. With Remote Support, you or your dealer can view your display screen from anywhere. Use your tablet or smartphone to view displays while in the field!



## AgFiniti Mobile App

Download the free AgFiniti Mobile app to easily sync data from your InCommand display to your iPad®. When you leave the field, take your data, maps and reports with you. No data plan or internet connection required.



## INSTANT MAPS AT YOUR FINGERTIPS



No need to learn desktop software to access maps and reports from your display. With AgFiniti, maps and reports are automatically created for viewing anytime on your phone, tablet or laptop.

## DIVE DEEPER INTO YOUR DATA

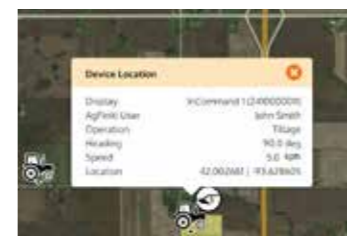


### Query Areas of the Field

Determine how much a specific area yielded, how much product was applied, or planter population.

### View Device Location

View the location of connected devices from iPads to InCommands and see quick stats like speed, location and operation.



### Add Notes and Picture

Take notes and add pictures to a map while scouting a field.

### Print Maps/Reports

Automatically generate reports and print maps! Save them to your device, or email them right from the app!



FEATURE COMPARISON	AGFINITI	
	MOBILE	CLOUD
Automatically Build Maps	✓	✓
Shows High Definition Maps	✓	✓
Customize Legends and Content	✓	✓
Show Current Location	✓	✓
Show Stats Based on Location	✓	✓
Query by Area	✓	✓
Show Labels to Maps	✓	✓
Create Text Notes with Pictures	✓	✓
Show Marks from Displays	✓	✓
View/Print Summary Reports	✓	✓
Wirelessly Receive Files from Displays	✓	✓*
Print Maps to PDF	✓	
Easily Share Data with Others	✓	✓*
Show Location of Devices on Map	✓*	✓*
Shows Data from SMS	✓*	✓
Automatically Sync AgFiniti Mobile & AgFiniti Cloud	✓*	✓*
Overlay Multiple Maps		✓
Wirelessly Send Files to Displays		✓*
Support Transfer of Shapefile RXs		✓*
Support Transfer of ISOXML Log Files		✓*

\*Requires AgFiniti Essentials License Note: SMS users have access to any AgFiniti Cloud features not requiring an AgFiniti Essentials license.



# PLAN, MANAGE, PROFIT.

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

## Highlights

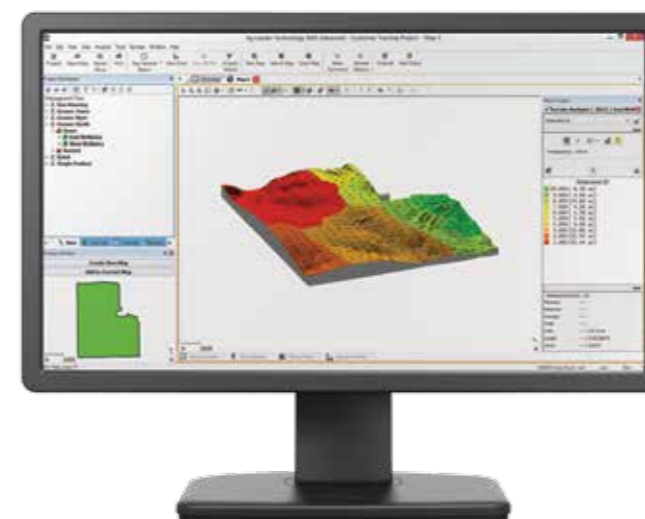
- Use AgFiniti to view SMS data from anywhere on a mobile device.
- Organise, plan and manage field operations.
- View and print maps, reports and operation summaries.
- Layer maps of field applications (tillage, planting, spraying, harvest, etc).
- Create reports and maps that can be used to satisfy government reporting.
- Track and store multi-year field trends.
- Analyse 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
- AGCO
- AutoFarm
- Case IH
- CLAAS
- Flexi-Coil
- Gradient
- HARDI
- Hemisphere GPS (Outback)
- ISO 11783
- John Deere
- KINZE
- Mid-Tech
- New Holland
- Precision Planting
- Raven
- RDS
- Trimble
- Shape, Image, Text Files
- LIDAR Files

## SMS Basic

Use information captured from an 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 hectares, 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, export data to SMS Basic and Advanced for greater data analysis.



SMS Features	Basic	Adv.
File Processing from Most 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	✓	✓
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**		✓

\*Requires AgFiniti Essentials License.  
\*\*Optional module.



Ag Leader Technology Inc  
2202 S Riverside Dr, Ames, IA 50010 USA  
[www.agleader.com](http://www.agleader.com)

Asia Pacific Office  
8 Douglas Drive, Mawson Lakes, South Australia 5095  
Phone +61 882 609 800 / [apsales@agleader.com](mailto:apsales@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.

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