

**FIELDNET®** | WIRELESS IRRIGATION MANAGEMENT



WEB BASED • MOBILE APPS • PUMP CONTROL • FIELDNET PRO

# If it's remotely possible, FieldNET® can do it.

- Manage pivots & laterals
- Manage pumps
- Integrate plug & play sensors

Stay informed and make adjustments on the fly with next-generation FieldNET. Providing the most comprehensive options to remotely control entire irrigation systems – from pivots and laterals to pumps and sensors – FieldNET includes the only wireless management tool with an app on both major smartphone and tablet platforms. That means that at any time throughout the crop lifecycle, growers can see what their systems are doing and control them from virtually anywhere using a laptop, tablet or smartphone.

Fast and user-friendly, FieldNET provides an integrated water, fertilizer, and chemigation solution with remote control of pivots, laterals, end guns, injectors and pumps, and the ability to monitor and record everything from water and energy usage to rainfall and temperature. It all adds up to less time in the field, less spent on valuable resources, and greater control of your operations.

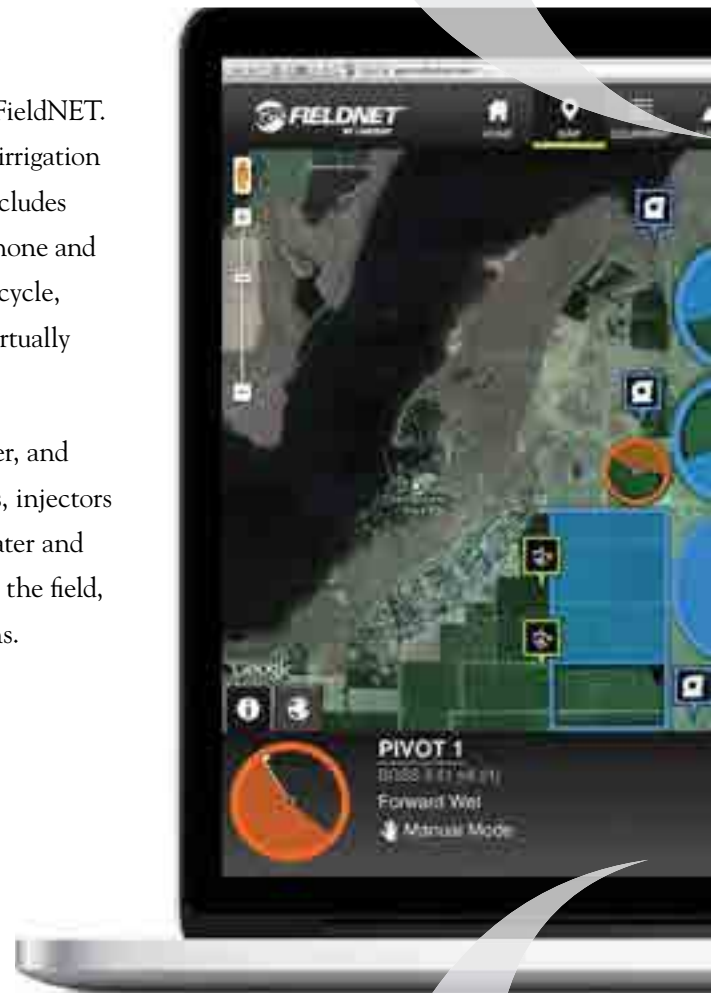


FieldNET mobile apps work with iPhone®, iPad® and Android™ platforms so you can check systems from virtually anywhere.

## Everything in one powerful application

- Control pivots, laterals, end guns, injectors and pumps
- Monitor and record water usage, energy usage, tank or pond levels
- Expand capabilities with plug & play add-ons
- Keep up-to-date with real-time alerts
- Monitor weather information such as temperature, rainfall, humidity and wind speed
- Manage groups of equipment and people
- Run reports

## NAVIGATION BAR



## QUICK TRAY

Patent-pending, slide-out control appears on demand to easily manage functions without ever leaving the map view.

- EQUIPMENT** Search equipment or predefined groups of equipment
- ALERTS** Stay informed with text message and email alerts to notify you right when things happen
- REPORTS** Run customized or templated reports to monitor performance and meet compliance requirements

## CONTROL CENTRAL

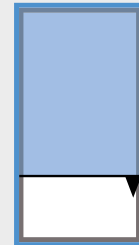
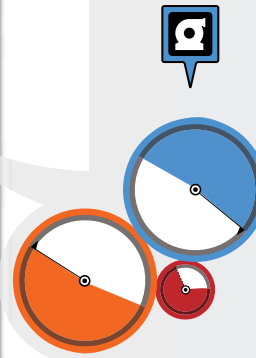
Real-time comprehensive **system dashboard** provides an overview of your entire irrigation operation. The map view organizes your equipment to provide quick at-a-glance status.



## STATUS ICONS

Graphical status indicator shows where your equipment started, where it currently is, what it's doing and where it's going – whether it's for pivots or laterals.

Patent-pending status icons overlay a GPS-assisted map of your operations to help you identify and prioritize any equipment that needs attention.



## CONTROLS, ALERTS AND REPORTS

### PIVOTS AND LATERALS



Full detail, access, and control of pivot and lateral performance for operational planning.

### PUMP CONTROL



View pressure and flow status of pumps.

### ALERTS AND REPORTING



Text message or email alerts delivered based on predefined criteria. Run water or energy use reports to monitor performance.







# FieldNET Mobile

## Convenient control and monitoring – in the palm of your hand

FieldNET Mobile apps for major smartphones and tablets combine the benefits and timesaving innovation of FieldNET with the convenience of Web-enabled tablets.

### FieldNET Mobile gives you what you need in real time

Featuring an easy-to-use interface, FieldNET Mobile allows users to monitor and control irrigation equipment from virtually anywhere.

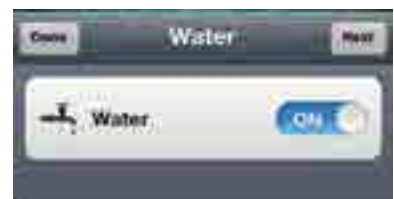
### Get a comprehensive view

When you want to make sure your pivot is reaching every part of your field, count on FieldNET

giving you an in-depth view of individual pivots. Not only can you track your pivots, but you can adjust them accordingly, wherever you are or whatever type of pivots you use.

### Start saving

Experience the convenience of FieldNET. Fewer trips to the field means using less fuel and labor.



Quick and easy control with detailed dashboard and wizard functionality guiding users through the selection option

FieldNET Mobile's user-friendly interface provides full remote access from your smartphone or tablet.



### BENEFITS OF FIELDNET MOBILE

- Save money with fewer trips to the field
- User-friendly interface for fast remote access
- Receive real-time alerts, reducing the risk of unplanned downtime
- Know the status of all equipment immediately from one color-coded list
- Map view provides system insights and locations of equipment
- Quick link to full Web Portal features, such as end-guns and irrigation plans



# Pump control

## One integrated system maximizes performance



Remotely check on, receive real-time alerts and adjust pumps to meet the current demands of your field using a laptop, tablet or smartphone. Water, labor and energy costs are lowered through this one integrated control system. You can save up to 75% of the time and fuel it takes to manually check operations.

### Monitoring and Control

Measurement and monitoring tools provide critical usage and performance information for continuous improvement.

### Status and Alerts

Keeps growers informed on system operation and notifies them about any disparities in normal operation.

### Pressure Adjustments

FieldNET can automatically adjust pump station pressure set points to best match demand from the pivots that are irrigating.

### Dynamic Demand Control (DDC)

Allows pivots to be grouped with pump stations for powerful information-sharing which reduces energy costs. Pumps are operated at the most energy-efficient setpoint and then automatically sequence to effectively meet demand.

### FEATURES OF PUMP CONTROL

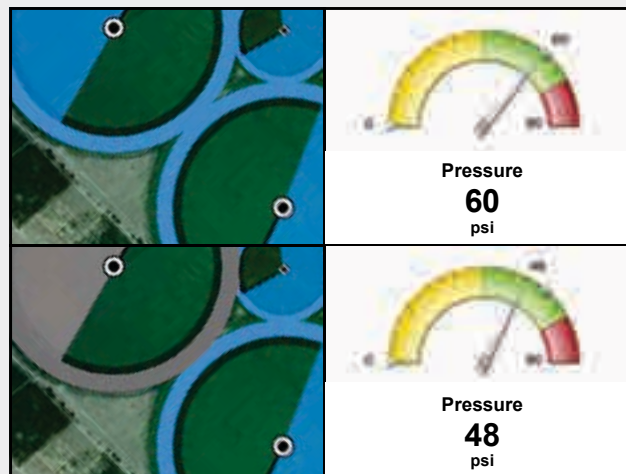
- Graphically display key sensor inputs
- Compare current demand and actual flow for disparity alerts
- Monitor pump hours, status and capacity
- Track volume pumped
- Total water and energy log
- Manage alerts



Zero in on a specific pump in the Quick Tray to see current status or to make changes.

### DYNAMIC DEMAND CONTROL (DDC)

Three pivots are running, one pivot requires an increased pressure of 60 psi. When that pivot is turned off, the other pivots only require 48 psi. FieldNET and DDC automatically adjust the pump station to meet the reduced pressure demand, resulting in energy savings.

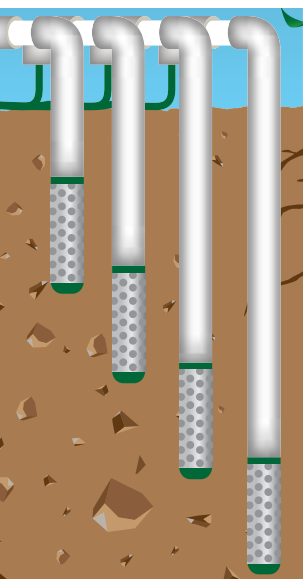


# ENHANCE YOUR MANAGEMENT WITH PLUG-AND-PLAY ADD-ONS

**NEW!**

Plug-and-play add-ons enhance the power of FieldNET so you can monitor and record soil water conditions, along with weather station information such as temperature, wind speed, rainfall, humidity and more.

These innovative add-ons help utilize best management practices to offer convenience and lower operating costs through the efficient use of time, labor, energy and water.



Probe can be installed at multiple depths to track the water in the full root zone.

## SOIL MOISTURE MONITOR

Continuous monitoring can help you make informed decisions to ensure irrigation is applied in the right amount, at the right time.

The soil moisture monitor:

- Minimizes water stress to plants
- Maximizes potential yield
- Reduces operation costs

Individual probes and sites can be named for quick reference, and linked to the associated pivot field. Soil water trends are illustrated in easy-to-read charts, and are archived for historical purposes.

## WEATHER STATION

Your field has its own unique micro-climate. This professional-grade weatherproof unit features sensors for:

- Wind speed & direction
- Solar radiation
- Air temperature (minimum, maximum and average)
- Relative humidity
- Precipitation
- Calculated ET (based on grass crop)

Historical records are maintained for quick access, with trending charts together on one page.



Web portal provides full access to configuration and graphing capabilities.





## Status Icons and Alerts

Easy-to-use icons and configurable alerts keep you informed

Good

Alert



Icons identify moisture status



Configurable alert levels based on soil type selection



Weather station with solar panel, battery, and charging circuit.

	MECHANICAL ONLY	MECHANICAL W/ FIELDNET PRO	BOSS OR VISION
<b>MONITOR FEATURES</b>			
System on/off	✓	✓	✓
Direction of travel	✓	✓	✓
Irrigation start position		✓	✓
Current field position		✓	✓
Selected stop position		✓	✓
Water pressure	✓	✓	✓
Application amount		✓	✓
System % speed	✓	✓	✓
End-guns		✓	✓
Accessory (e.g. injector)		✓	✓
Alignment fault		✓	✓
Voltage			✓
History log	✓	✓	✓
Run hours	✓	✓	✓
Water flow		✓	✓
Temperature		✓	✓
Lateral cart shutdown			✓*
Flush valves			✓*
Hose change alerts			✓*
Configurable call-out alerts	✓	✓	✓
Stop	✓	✓	✓
Start and change direction		✓	✓
Water on/off			✓
Change application amount		✓	✓
Change % speed		✓	✓
Accessory control (e.g., injector)			✓
<b>PROGRAMMABLE CONTROLS</b>			
Automatic stop position		✓	✓
EZ water wizard			✓*
Auto-reverse / auto-stop at barrier		✓	✓
Power auto-restart enable		✓	✓
Area irrigation plans		✓	✓
Direction irrigation plan		✓	✓
Advanced irrigation plans			✓**
End-guns		✓	✓
Flush valve cycle timers		✓	✓*
Soft barrier area		✓	✓
Pressure-up delay		✓	✓
Load management by day/time			✓**
<b>PROGRAMMABLE FAULT LEVELS</b>			
Low pressure		✓	✓
Low or high voltage		✓	✓
Low or high flow		✓	✓
Low temperature		✓	✓
High rainfall shutdown		✓	✓

General Note: Features of panels may vary based on purchased options.  
\*VISION for Lateral controller feature only  
\*\*BOSS feature only

## FIELDNET PRO WITH GPS

FieldNET PRO combines GPS positioning and wireless communication to enhance the efficiency and effectiveness of your existing center pivots\* By retrofitting an existing system with FieldNET PRO, you gain all of the convenience of FieldNET's Web and mobile app capabilities. And global positioning gives you control right down to the end guns for precise water application.

\*Works with non-Zimmatic mechanical and programmable control panels



## The Lindsay Advantage

Zimmatic® by Lindsay offers proven systems and products that are built to be strong, long-lasting, durable and easy to use for growers who need highly efficient irrigation solutions. These systems can be enhanced with a family of integrated plug-and-play add-ons.

Growers around the world rely on Zimmatic's innovative technology support by a network of knowledgeable dealers to add value, reduce risk and take full advantage of every growing season.

**For more information on how FieldNET® can help you monitor and control your pivots, talk to your Zimmatic by Lindsay dealer today – or visit [www.myfieldnet.com](http://www.myfieldnet.com) for a video demo.**



Scan this QR code  
to see a FieldNET video.

Search FIELDNET on the App Store<sup>SM</sup>  
and Google Play<sup>TM</sup>



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### THE LINDSAY ADVANTAGE

**DURABLE • RUGGED • EASY TO USE • INTEGRATED TECHNOLOGIES •  
BROADEST LINE OF SOLUTIONS**



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**Lean, Clean and Green.** Lindsay Corporation is committed to developing environmental awareness and implementing sustainable practices to reduce the use of and protect energy, water, and all other resources.



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