

# AgSense Pivot Point

## Remote Irrigation Monitor/Control.

**P**ivot Point is a GPS driven irrigation monitor/control system that offers superior features in design and reliability. Pivot Point enables the pivot owner to operate any brand of irrigation system remotely through the use of GPS and Internet technology. WAAS powered GPS provides monitor/control capabilities. All the monitor/control functions are built into each Pivot Point unit, and the user decides which features to use.

Pivot Point mounts at the end tower and is powered by the pivot's end tower box or by lithium ion batteries. This allows the monitor/control device to operate independently from the existing pivot control panel. The program informs the operator exactly where the system is positioned in the field, including its direction and speed. The stop position of the system can be programmed from a computer or web-connected PDA. Operating alerts can also be sent to a cell phone.

Operating information is collected and verified frequently to ensure the data is correct. Additionally, an operator can control the system's speed, on/off cycles, auto-reversing, auto-restarting,

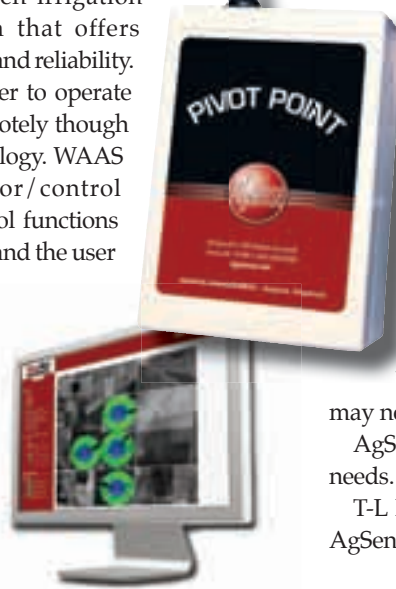
delayed starting, and end-gun.

Pivot Point functionality allows significantly increased capabilities than what is already in the field without any changes to existing pivot equipment. Track position, speed, direction, water pressure and a number of other functions, as well as stop the pivot, control the end

gun, and change speed based on GPS position. Most brands of pivots can be started, but additional hardware may need to be added to the existing control panel.

AgSense has three different service levels to fit specific irrigator needs.

T-L Irrigation Co. (1-800-330-4264; [www.tlirr.com](http://www.tlirr.com)) distributes AgSense Pivot Point as part of their product offering. ■



- Software cost:** None
- Service plan length:** 12 Month
- Service plan cost:** Basic - \$200 Enhanced \$250; Pro \$275
- Manufacturer support:** Yes
- Toll-free support:** 877-352-8350
- Website:** [www.agsense.net](http://www.agsense.net)

Basic Pivot Features	Monitor (all versions)	Basic Control	Enhanced Control	Pro Control
Pivot stop	Yes	Yes	Yes	Yes
Pivot start	Yes			Yes
Pivot direction	Yes			Yes
Percent rate	Yes		Yes	Yes
Application depth	Yes			Yes
Water on/off	Yes			Yes
Accessory on/off				
Pivot position	Yes; GPS			
Power company load control	Yes			
Pivot power on/off	Yes			
Integrated Sensor Features	Monitor/Alerts			
Water pressure	Yes			
Voltage				
Water flow	Yes			
Chemical flow	Yes			
Temperature	Yes		Yes	Yes
Rainfall	Yes		Yes	Yes
Wind speed	Yes		Yes	Yes
Wind direction	Yes		Yes	Yes
Programmable Pivot Features	Monitor (all versions)	Basic Control	Enhanced Control	Pro Control
End-guns	Yes, location and operation	Yes	Yes	Yes
Service stops or stop-in-slots	Yes	Yes	Yes	Yes
Automated area plans			Yes	Yes
Soft barriers			Yes	Yes
Enable/disable auto start				Yes
Auto-stop/auto-reverse				Yes
Load management schedule				
Compatible pivot brands	Any Pivot Brand			
Compatible pivot controllers				
Communication Services				
Cellphone text compatible	Yes	Yes	Yes	Yes
Handheld computer compatible	Yes	Yes	Yes	Yes