

PRECISION WATER MANAGEMENT

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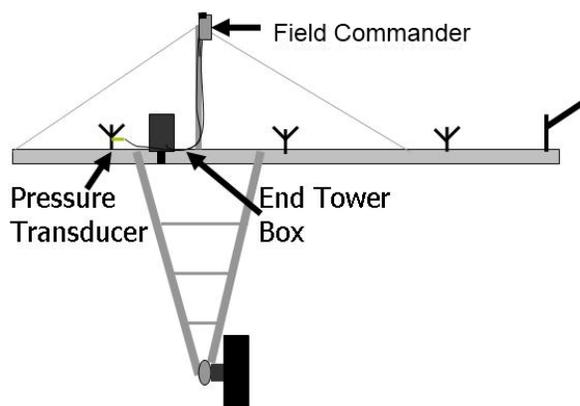
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Remote Pivot Monitor/Control

In regards to the center pivot irrigation system, the ability to remotely monitor position, speed, pressure and flow are essential to precision water management. The ability to remotely control the pivot also assists producers in timely and accurate operation of the pivot.

The Field Commander remote pivot controller mounts on the rabbit ears of the pivot and is equipped with a GPS to track the pivot and perform pivot control operations based on position. The Field Commander utilizes the Digital cell network to transport data across the Internet to the WagNet.net web portal.

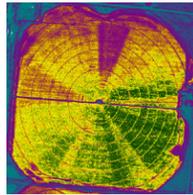
However, other field data must be remotely captured in order to capture a timely, complete picture of what is going on in the field. This data is critical in successfully implementing a precision water management program.



Remote Field Management

In addition to monitoring and controlling the pivot, the Field Commander can be optionally equipped with a 900 MHz radio with meshing technology to communicate with multiple sensors, meters and pumps located in the field via the AgSense Crop Link device, which is also equipped with a 900MHz radio.

Crop Link has built-in hardware and software that enables it to work as a multi-purpose device, allowing it to be programmed and configured in the field, via the Internet.



Crop Link enables AgSense to partner with other agricultural companies to deliver customers a broad range of field data and proprietary solutions. AgSense serves as a gateway to the Internet for a number of applications. However, AgSense does not charge for the additional data transported.

Through collaboration and data sharing, end users enjoy lower annual service cost, as well as timely data that is displayed in coordinated formats, to maximize productivity, efficiency and profitability.