

# SmartCrop®

*Listen to Your Crop*



*Save Time  
Save Money  
Save Water*

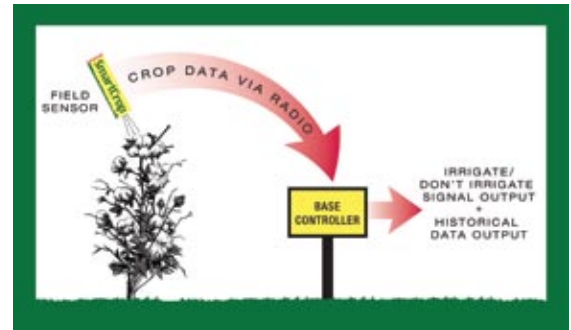
[www.smartfield.com](http://www.smartfield.com) | 806.798.9600 | 877.412.8940

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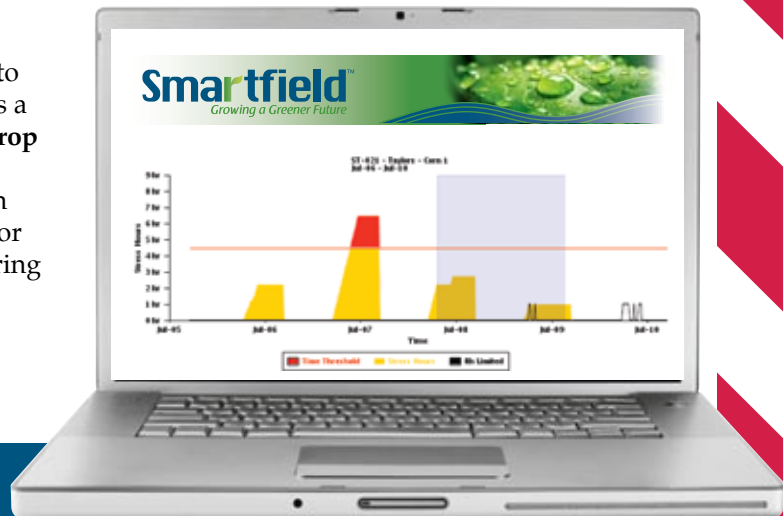
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**SmartCrop** is a new and simple irrigation management control where "the plant is the sensor." Patented and developed by the Agriculture Research Service of the USDA, SmartCrop combines plant biology and agronomic science to precisely determine crop water demand. Growers are able to "listen to their crop" and avoid over-watering. **SmartCrop** is the simple and affordable way to maximize profits while saving water.

**SmartCrop** uses wireless infrared sensors that are conveniently placed in the grower's field. The sensors measure the surface temperature of the leaf and compare this temperature to the plant's known optimum temperature. This information is then relayed to a centrally located base station, which can notify the grower via a text message or e-mail, when high crop stress levels are present. Growers are also able to view their crop's stress data by logging into [www.smartfield.com](http://www.smartfield.com).



**SmartCrop** is a state-of-the-art irrigation management tool that allows the grower to monitor their crops 24 hours a day, 7 days a week. **SmartCrop** can alert the grower via a text message or e-mail when specific events, like rainfall or high stress levels, are occurring in their fields.



## A SmartCrop System includes:

- Smartfield Base Station
- IR Field Sensors (2)
- Digital Rain Gauge
- Ambient Temperature & RH Pod
- Text Messaging
- Personalized Web Portal
- One Year Warranty System

"SmartCrop has saved me an average of two inches of water each year in my fields. This means as much as \$3,000 annually."

-Mr. Glenn Schur  
West Texas Grower  
President- Texas Alliance of Water Conservation,  
Producer Board

