

Save Your Soil...  
Save Your Water...  
Protect Your Investment.  
*With New SoilSentry.*



**SoilSentry**<sup>TM</sup>  
Halts Erosion. Conserves Water.  
Improves Infiltration.

FEATURES	BENEFITS
Controls erosion	Reduces topsoil loss and, over time, improves soil fertility
Reduces the rate of infiltration loss	Better water penetration/ more efficient water usage
Improves soil characteristics	Less soil compaction/less crusting/better aeration
Reduces migration of inputs	Inputs stay where they are placed, reducing runoff
Easy and reliable application	Saves time/ensures field is properly treated
Bio-friendly and safe to handle	Protects your investment for future generations



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For further product information, please visit our website:  
[www.soilsentry.com](http://www.soilsentry.com)



SoilSentry<sup>TM</sup> is a patent-pending trademarked product.

PRESERVE YOUR SOIL...  
PROTECT YOUR INVESTMENT!



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# Introducing SoilSentry™ – The Clear Solution To Erosion Problems.



### Preserving One Of Your Most Valuable Resources.

In many semi-arid areas, irrigation is a must for viable farmland. But it can also contribute to serious erosion problems which can affect crop stand, uniformity and yield. Whether you use sprinkler or furrow irrigation, as water is applied to the field, soil becomes suspended in the water impacting infiltration, and this can cause a myriad of erosion-induced and costly-to-fix problems. In addition, soil migration and loss can strip topsoil from your field, ultimately affecting soil fertility. Worst of all, it takes up to 100 years to replenish just 1/4" of topsoil!

But now there's a convenient and affordable way to stand guard against soil erosion problems which can affect crop stand, uniformity and ultimately yield—while protecting one of nature's most precious resources.



**Introducing SoilSentry™**, the biodegradable and patent-pending polysaccharide-based soil additive that helps control erosion problems and cut irrigation costs. So you can

protect your soil – and your investment – for generations to come.

In fact, from managing compliance issues with furrow irrigation...to improving bed margins in sprinkler or drip systems...to best practices overall for irrigation, SoilSentry is the clear solution to erosion problems – and the clear choice in soil additives.



### SOILSENTRY IN FURROW IRRIGATION: *To Mitigate Erosion and to Better Meet Local Water Regulations.*

Halting soil erosion and meeting local water compliance issues is always a challenge. SoilSentry provides a simple, safe and natural solution to erosion and tailwater runoff problems, so you can more easily preserve your investment and meet regulatory compliance issues in your area.



- Decreases soil erosion and silt in your tailwater runoff.
- Improves water conservation and penetration.
- Reduces rate of infiltration loss.
- Results in more efficient water usage.
- Decreases migration of inputs; minimizes nutrient leaching.
- Product is readily biodegradable and safe to handle.
- Provides sustainable practice that's easier on the environment.
- Reliable application ensures field is properly treated.



### SOILSENTRY IN DRIP & SPRINKLER IRRIGATION: *Enhanced Bed Margins for Improved Agronomics.*



Whether you use sprinkler or drip irrigation, SoilSentry means better soil stability and tighter bed margins for improved yield potential. You know uniformity counts. Holding your beds together leads to a more uniform stand, so you leave less behind at harvest.

- Prevents collapsing on bed margins so root zones aren't exposed.
- Controls erosion and reduces topsoil loss.
- Better soil characteristics and stability.
- Enhances water penetration; improves infiltration.
- Minimizes soil crusting and compaction.
- Delivers better aeration; makes soil easier to cultivate.
- Improves overall soil fertility over time.
- Safe, convenient biodegradable application.



### SOILSENTRY FOR BEST IRRIGATION PRACTICES: *Minimizing Erosion to Maximize Yield Potential.*

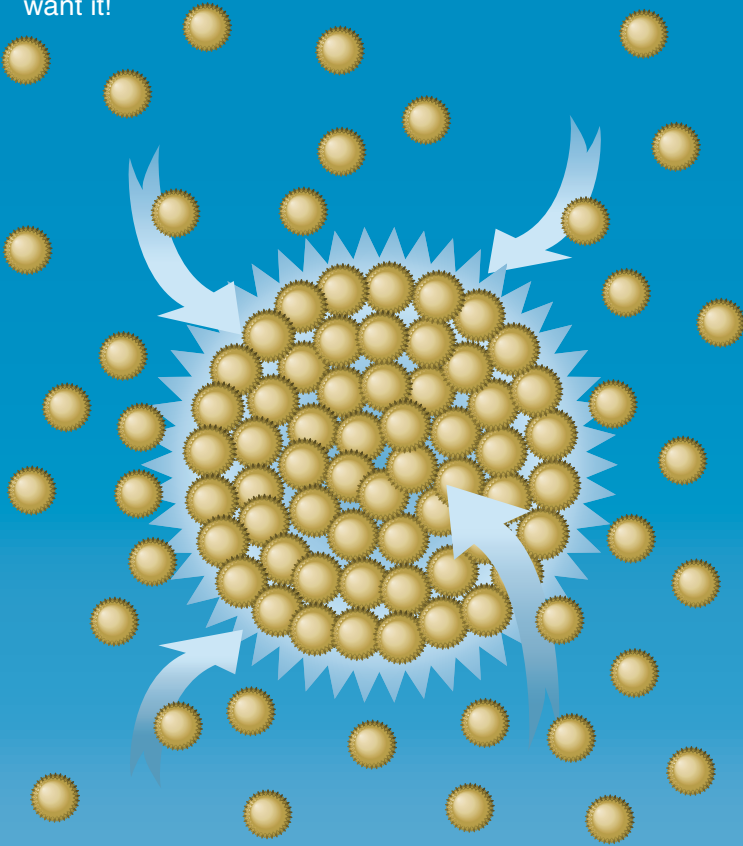
Added to sprinkler, drip, or furrow irrigation systems, SoilSentry not only helps preserve precious topsoil, it actually improves your soil and its workability. Plus SoilSentry provides a range of benefits other soil additives can't match.

- Reliable soil retention; helps reduce loss of valuable topsoil.
- Delivers better aeration and overall soil characteristics.
- More organic matter remains on field for better soil fertility.
- Improves water conservation; enhances water penetration and infiltration.
- Minimizes soil crusting and compaction; makes soil easier to cultivate.
- Reduces migration of inputs, so chemicals stay where they're placed.
- Easy to apply in gravity, sprinkler, or drip irrigation.
- Readily biodegradable, safe to handle, and easier on the environment.



## How SoilSentry Works.

Added to irrigation water, SoilSentry works as a strong flocculating agent to settle suspended soil particles and stabilize the soil. The result is improved soil aggregation and water infiltration, plus your soil stays where you want it!



*SoilSentry works as a strong flocculating agent, causing small suspended soil particles to bind together and settle for improved soil aggregation.*

### APPLICATION OPTIONS & RATES

Depending on your irrigation system, SoilSentry is simply added as a liquid:

- **SPRAY IRRIGATION:** By injection.
- **GRAVITY IRRIGATION:** Via battery box directly into the head ditch.

#### **FIELDS WITH A SLOPE OF 2% OR LESS:**

- 10 gallons of SoilSentry per acre. Refer to label for more specific rate information.

#### **FIELDS WITH GREATER THAN 2% SLOPE:**

- 10 to 30 gallons of SoilSentry per acre based on soil type, field slope and rate of water applications. Refer to label for more specific rate information.

