



**HYDRATION**

## Hydration and Infiltration

Soil surfactants are chemistries which aid in the efficient and responsible management of water. At The Aquatrols Company, we understand the need for developing products to help growers with proactive water management solutions for all areas of their property.

Precip Acres is a water conservation soil surfactant balancing performance with affordability. It is a specific blend created to enhance the infiltration of water and increase soil hydration over extended periods of time.

### Features & Benefits:

- Increased water infiltration to optimize irrigation and rain inputs
- Longer hydration for water and labor savings over time
- Affordable cost for expanded use over large acreage

### USE RATES:

2-8 fluid ounces per 1000 ft<sup>2</sup> (59-237 mL per 92.9 m<sup>2</sup>) or  
.7-2.7 gallons per acre (6.4-25.5 L per hectare).

Reapply every 14-28 days at the 2-4 fluid ounces per 1,000 ft<sup>2</sup> (59-118 mL per 92.9 m<sup>2</sup>)  
or .7-1.4 gallon per acre (6.4-12.75 L per hectare) rate.

Use higher labeled rates for longer duration.

*See label for complete usage information.*

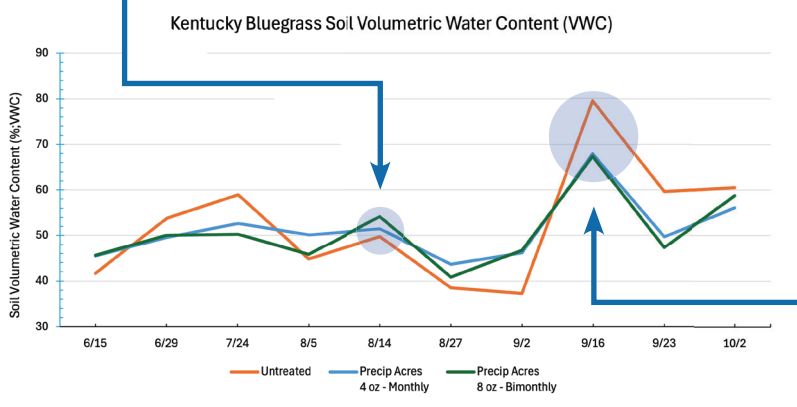
Please check with your Aquatrols distributor for available pack sizes.

Precip Acres helps you effectively manage water throughout the season, under a variety of conditions. It helps moderate fluctuations in soil volumetric water content, enhancing moisture retention during drought periods or improving water infiltration through the soil profile after rain events.

A trial was conducted across a Kentucky bluegrass driving range from June through October, with ample rainfall occurring June 28th through July 24th. During this period the plots treated with Precip Acres at both application rates improved infiltration reduced volumetric water content compared to the untreated area.

When heat and drought stress occurred August 5th through Sept 2nd, Precip Acres treated plots increased soil volumetric water content by up to 23% and moisture uniformity by up to 72% during the stress period compared to the control.

In September, the last month of the trial, significant rainfall occurred across the trial site with 1.94 inches of rain occurring six days prior to September 16th. Precip Acres treated plots at both rates exhibited improved water infiltration and maintained reduced soil volumetric water content when compared to the untreated, untreated by 16%, visibly reducing puddling and tire tracking across the treated area.



**Above:** Precip Acres helps maintain consistent soil hydration and uniformity in dry conditions for visibly healthier turf.

**Below:** Precip Acres helps facilitate better infiltration into the soil during wet conditions for more manageable conditions at the surface, preventing tire tracking and puddling after a heavy rain event.

