

CASCADE PLUS™

IMPROVING IRRIGATION EFFICIENCY

CASCADE PLUS INCREASES IRRIGATION EFFICIENCY IN 2003 TRIAL

Limited water supplies, poor water quality and the inherent limitations of many irrigation systems, challenge turf managers to maintain and improve turf grass quality with restricted water use.

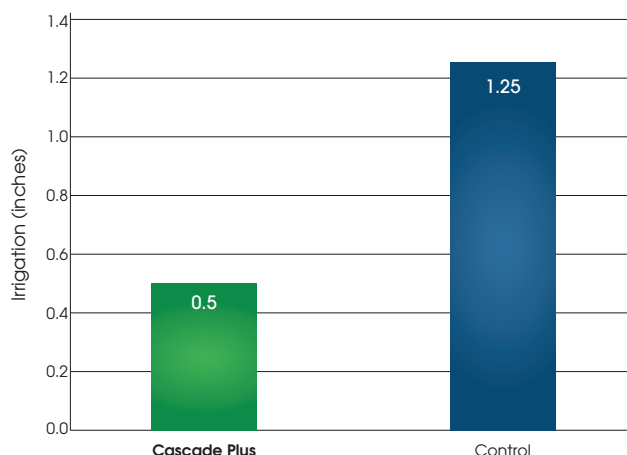
New research shows that wetting agents are an effective tool in reducing water usage while improving water infiltration through the soil profile.

A 2003 study by Dr. Keith Karnok at the University of Georgia, showed that use of Cascade Plus™ on water repellent soil increased irrigation efficiency by up to three times compared to untreated soil.

The study also indicated that Cascade Plus treated turf grass would require less irrigation, thereby reducing water use.



AVERAGE IRRIGATION TO ACHIEVE 15% VWC



University of Georgia, 2003.

2003 TRIAL RESULTS

Under the conditions of this study, the data indicate that Cascade Plus can decrease soil water repellency and increase irrigation efficiency. Results of this study demonstrate that untreated turf grass requires two to three times as much irrigation water to reach a comparable VWC of turf grass treated with Cascade Plus. The complete study is available at www.precisionlab.com, in the Cascade Plus product information section.

WHY USE CASCADE PLUS?

- Decreases water use.
- Reduces watering times.
- Reduces electricity used to power irrigation and well pumps.
- Increases water infiltration.
- Controls Localized Dry Spot.
- Facilitates water and nutrient movement throughout the root zone.

Field results may vary due to varied soil types, climatic conditions, maintenance practices, etc

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