

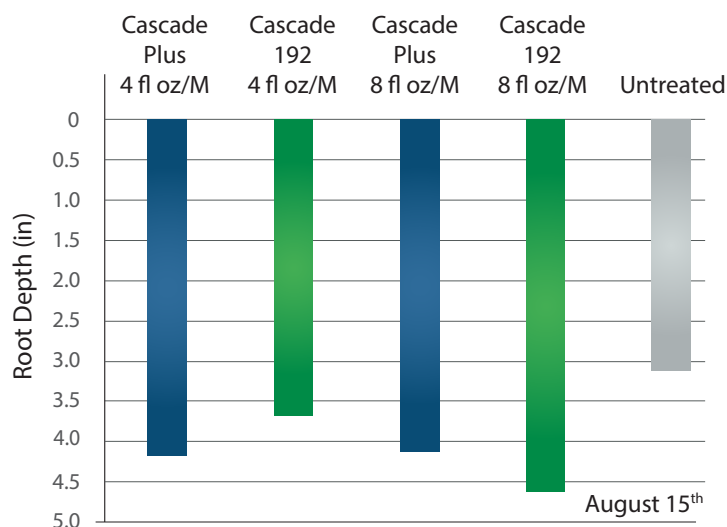
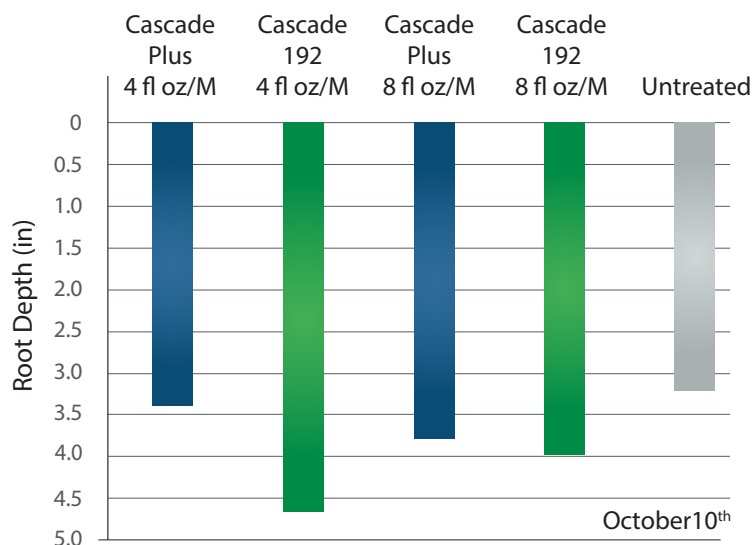
Increased Rooting in Drought Conditions



Water limitations and drought conditions are on the rise, leading to water stressed turfgrass across the country. Turfgrasses respond to this stress by growing deeper roots in search of water.

Texas A&M and Precision Labs conducted a simulated dry down experiment under drought conditions on a zoysia putting green to assess the improvement in rooting depth after using Cascade Tre and Cascade Plus.

From reducing irrigation by 40% in August, to maintaining typical irrigation throughout the fall (October), Cascade Tre treated turf had from 0.5" to 1.5" greater root length, depending on the rate compared to original Cascade Plus and no wetting agent at all. During drought conditions, Cascade Tre increased soil water holding capacity deeper in the rootzone, that led to increased root growth.



Deeper roots with Cascade Tre...

- Maximized reduced water inputs by 5 to 12% more than Cascade Plus.
- Retained 14 to 32% more water than without a soil surfactant.
- Maintained rootzone moisture when water inputs decreased 40%.

Impact

- Optimizes reduced water inputs.
- Reduces irrigation necessary to maintain desired soil moisture.
- Delivers enhanced performance and innovation to the Cascade brand.