



Wetting Agent Effects on Root Zone Moisture Distribution and Localized Dry Spot Incidence

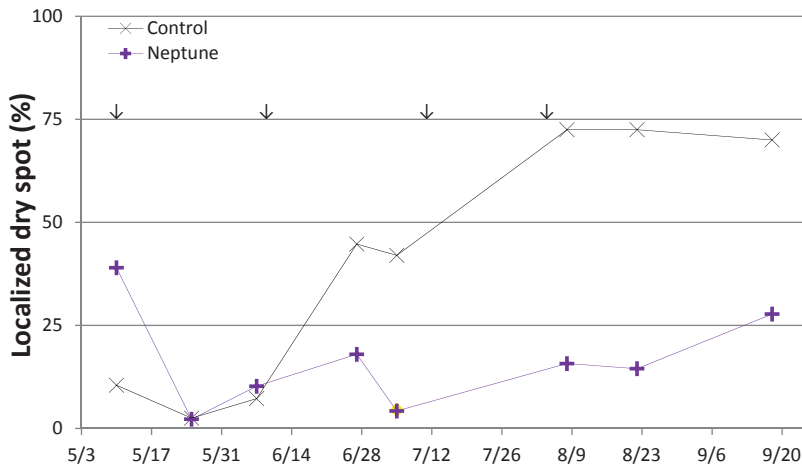
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NEPTUNE was tested on a 8-year-old 'L-93' turfgrass at the University of Arkansas on sand based putting green that was constructed according to USGA recommendations. The study was conducted from May through September in 2011.

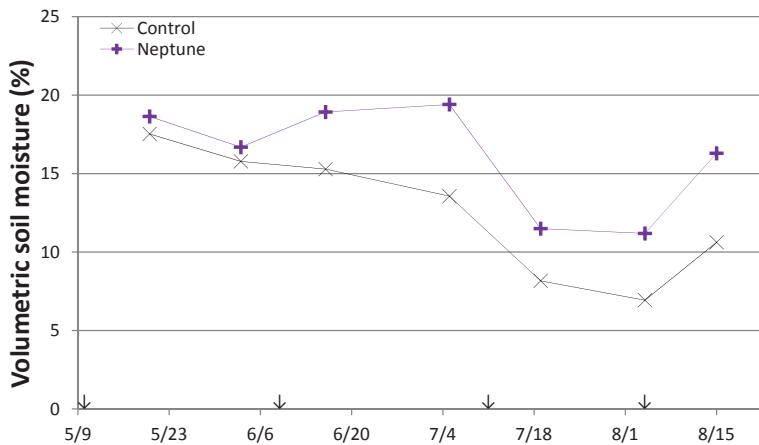
NEPTUNE was applied monthly at a rate of 6 oz / 1000 ft.² from early May through early August in 2011.

Irrigation was applied judiciously in May, moderately in June and July, and only to avoid drought and heat stress symptoms in August and September, so that the NEPTUNE agent effects may be evaluated across a range of irrigation regimes. NOTE: In July, there were 11 days of temperatures over 100 o F.

LDS symptoms and soil moisture were evaluated. Results are illustrated below:



Effect of wetting agent application localized dry spot incidence - Fayetteville, AR, 2011. Arrows represent monthly application dates.



Effect of wetting agent application average volumetric soil moisture content - Fayetteville, AR, 2011. Arrows represent monthly application dates.