

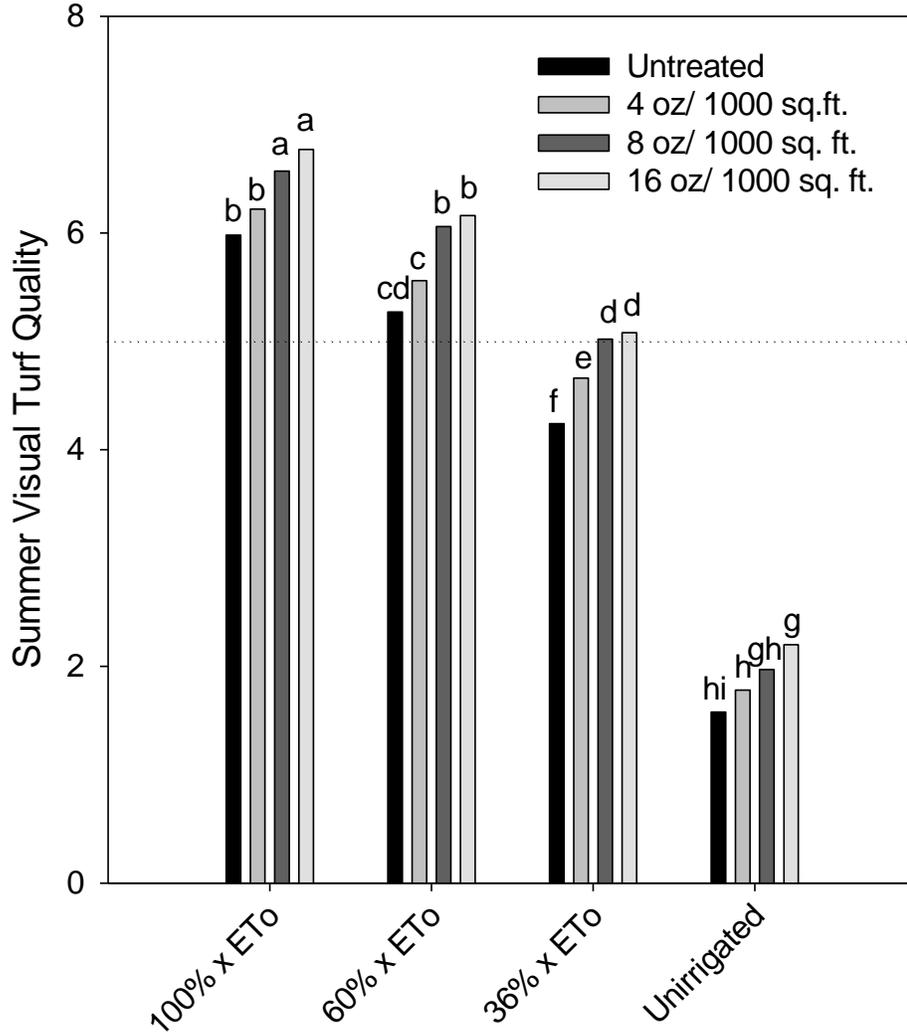
2013 Texas A&M Irrigation Trial

Synopsis

Field trial aimed at evaluating the performance of zoysiagrass treated with CIVITAS TURF DEFENSE Ready-2-Mix + CIVITAS HARMONIZER and subjected to various levels of irrigation stress. Applications were made at 14 day intervals throughout trial. CIVITAS TURF DEFENSE Ready-2-Mix + CIVITAS HARMONIZER treated turf at the 8 + 0.5 oz/1000 sq ft and 16 + 1 oz/1000 sq ft had significantly higher turf quality under mild and moderate deficit irrigation conditions. Under moderate deficit irrigation conditions, CIVITAS applications at the 8 + 0.5 and 16 + 1 oz/1000 sq ft were the difference between acceptable and unacceptable turf quality.

Irrigation Trial

- Applications were made to an established stand of 'Palisades' zoysiagrass maintained at 0.6" Height Of Cut (HOC)
- Irrigation main plots arranged as strip-split plot design with:
 - Irrigation main plots:
 - 100% (fully watered, no stress) of reference ET (ET_o)
 - 60% (mild stress) of ET_o
 - 36% (moderate stress) of ET_o
 - 0% (no supplemental water, severe stress) of ET_o
 - Fertility split plots:
 - 0 lb nitrogen (N)/1000 sq ft/year
 - 1 lb N/1000 sq ft/year
 - 2 lb N/1000 sq ft/year
 - 4 lb N/1000 sq ft/year
 - CIVITAS Ready-2-Mix + Harmonizer split plots:
 - 4 oz Ready-2-Mix + 0.25 oz Harmonizer/1000 sq ft every 14 days
 - 8 oz Ready-2-Mix + 0.5 oz Harmonizer/1000 sq ft every 14 days
 - 16 oz Ready-2-Mix + 1 oz Harmonizer/1000 sq ft every 14 days



Notes: Data was averaged across all rating dates.

16 oz = 16 oz CIVITAS TURF DEFENSE "Ready-2-Mix" + 1 oz CIVITAS HARMONIZER

8 oz = 8 oz CIVITAS TURF DEFENSE "Ready-2-Mix" + 0.5 oz CIVITAS HARMONIZER

4 oz = 4 oz CIVITAS TURF DEFENSE "Ready-2-Mix" + 0.25 oz CIVITAS HARMONIZER

Non-treated, 36% ETo

CIVITAS, 36% ETo

Non-treated, 60% ETo

CIVITAS, 60% ETo

