

## 2015 Texas A&M Traffic Tolerance Trial

### Synopsis

Field trial aimed at evaluating the performance of bermudagrass treated with CIVITAS TURF DEFENSE Pre-M1xed and subjected to various levels of simulated traffic. Applications were made at 14 day intervals throughout trial. CIVITAS TURF DEFENSE Pre-M1xed treated turf had significantly higher turf quality under non-trafficked and moderately trafficked conditions at the high label rate. Under very high traffic conditions, all plots sustained significant damage leading to reduced quality. There were no nitrogen x traffic interactions observed within the trial.

### Traffic Tolerance Study

- Applications were made to an established stand of Tifway bermudagrass maintained at 0.75” Height Of Cut (HOC)
- Split Plot Design with:
  - Main plots (every 14 d in 2 gallons water/1000 sq ft):
    - Non-treated (water only)
    - CIVITAS ONE 17 oz
    - CIVITAS ONE 8.5 oz
  - Sub-plots:
    - Traffic applied weekly throughout duration of study (6/20/14 to 12/18/14)
  - CIVITAS ONE x traffic plots further subdivided to:
    - Low fertility (1/4 lb Nitrogen/month) with 21-0-0 ammonium sulfate
    - Moderate fertility (1 lb Nitrogen/month) 21-0-0 ammonium sulfate

Traffic Tolerance Study – Visual Turf Quality

