2012 Cornell Traffic and Fertility Trial

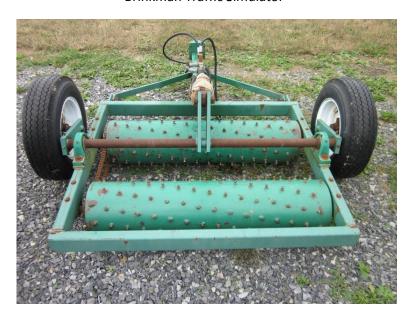
Synopsis

Field trial aimed at evaluating the performance of tall fescue treated with CIVITAS TURF DEFENSE Ready-2-Mix + CIVITAS HARMONIZER and subjected to simulated traffic with various levels of fertility. Applications were made at 14 - 28 day intervals throughout trial. CIVITAS Ready-2-Mix + Harmonizer treated turf had significantly higher turf quality under simulated traffic conditions. A significant CIVITAS x fertilizer interaction was observed.

| Ready-2-Mix rate ¹ | Interval - | Turf Quality ² Rating Date ³ | | |
|----------------------------------|------------|--|--------------------------|-------------------------|
| | | August 18 ⁴ | September 6 ⁴ | October 13 ⁴ |
| Non-treated (fertilizer only) | - | 5.7 | 6.0 | 6.5 |
| 8 + 0.5 | 14 d | 6.4 | 6.8 | 7.0 |
| 16 + 1 | 14 d | 6.6 | 7.0 | 7.4 |
| 16 + 1 | 28 d | 6.4 | 6.7 | 7.1 |
| LSD (p=0.05) | | 0.4 | 0.4 | 0.4 |

¹Treatments initiated June 27th and continued for 16 weeks. All plots were fertilized on June 27th and July 25th at 1, 0.5 or 0.25 lb of N/M. Traffic was applied for duration of study. Ready-2-Mix refers to CIVITAS TURF DEFENSE "Ready-2-Mix" + CIVITAS HARMONIZER.

Brinkman Traffic Simulator



 $^{^2}$ Turf Quality based on a 1 – 9 scale with 9 = dark green turf, 1=dead/brown turf and 6=minimally acceptable.

³Data averaged across all fertility regimes.

⁴Significant treatment x fertilizer rate interaction.







