

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.

²Turf 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.

Brinkman Traffic Simulator





1 lb Nitrogen fertilizer/month



1 lb Nitrogen fertilizer/month
with Ready-2-Mix



1 lb Nitrogen fertilizer/month



0.5 lb Nitrogen fertilizer/month
with Ready-2-Mix