

Tour Stop #4a: Slow Release Nitrogen Fertilizers on a Creeping Bentgrass Fairway

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Slow release nitrogen fertilizers were applied to a creeping bentgrass fairway on May 25, 2010. Visual turfgrass color and quality ratings are recorded weekly. Turfgrass color is also quantified by using the Spectrum Technologies TCM 500 NDVI Turf Color Meter weekly. Turfgrass clippings were collected, dried, and weighed at 2 and 4 weeks after initial fertilizer application.

Fertilizer Treatments

1. Ammonium sulfate 0.5 lb. N/M + 1.5 lb. N/M Polyon (25-0-15)
2. Ammonium sulfate 0.25 lb. N/M + 1.5 lb. N/M Polyon (25-0-15)
3. Polyon (25-0-15) 1.5 lb. N/M
4. SurfCote (28-0-18) 1.5 lb. N/M
5. Polyon (25-0-15) 2.0 lb. N/M
6. SurfCote (28-0-18) 2.0 lb. N/M
7. Polyon (25-0-15) 3.0 lb. N/M
8. SurfCote (28-0-18) 3.0 lb. N/M
9. MU-Tech Long (24-0-10) 1.5 lb. N/M
10. Grigg Bros. All Natural Organic (10-2-4) 1.5 lb. N/M
11. Untreated control
12. Nature Safe 0.5 lb. N/M applied every 6 weeks for a total of 1.5 lb. N/M
 - a. Nature Safe applied 6/4 and 7/16 (Next application: 8/27)