



Duration Turfgrass Performance Check - Northwest



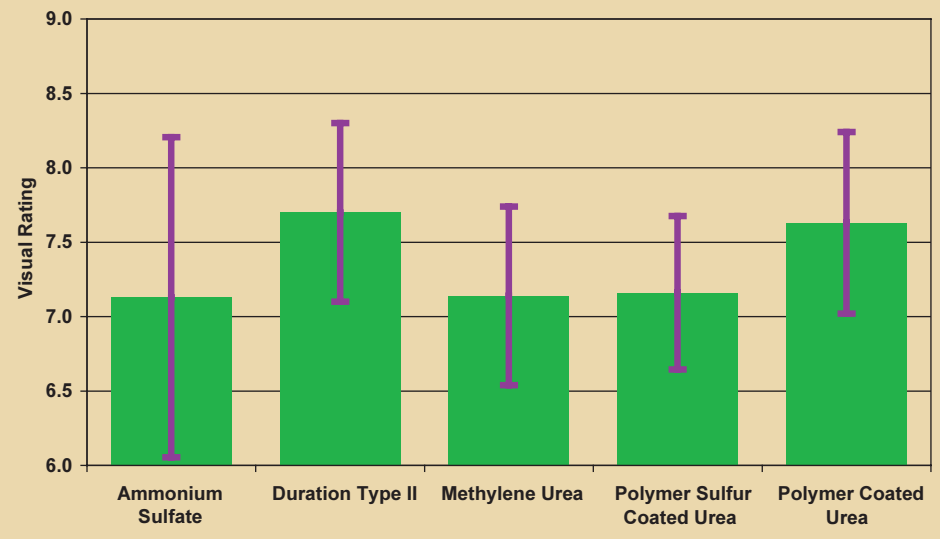
Objective:

To compare the performance of Duration with other types of slow release and soluble nitrogen fertilizer sources.

Five nitrogen fertilizers were applied on established perennial ryegrass at 2 lb of N/1000 ft² every 8 weeks, and evaluated for 25 weeks from early May to mid-October. Ratings were based on a visual turfgrass color scale of 1-9 (1=brown, 6=acceptable, 9=darkest green perennial ryegrass).

1. The Results - Oregon State University Highest Overall Visual Ratings and Superior Uniformity

- The wide green bars indicate the overall average visual rating over 25 weeks, while the small purple bars show the amount of variability that occurred in that particular treatment over time.



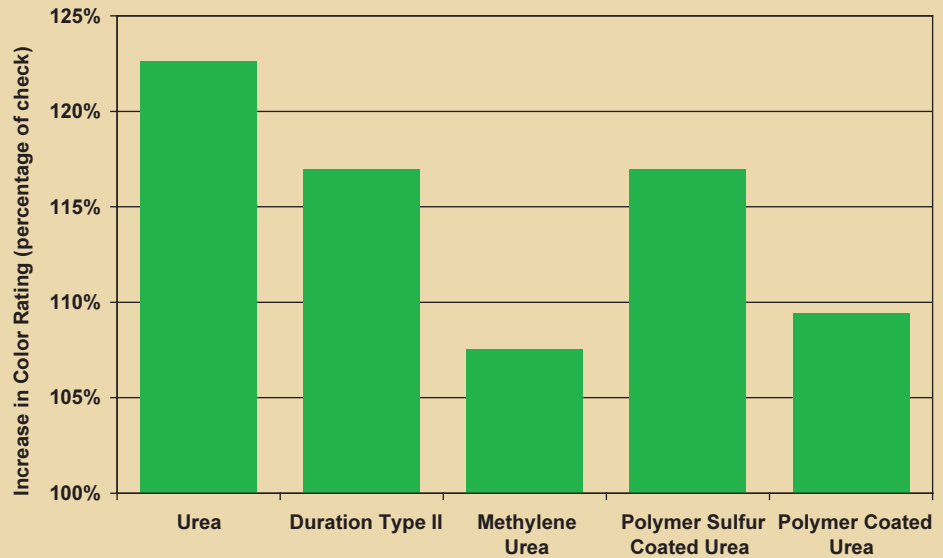
Duration provided the highest overall color rating, with consistent uniformity in color.

2. The Results - University of California - Riverside Rapid Green-Up

Five nitrogen fertilizers were applied on established tall fescue at 1 lb of N/1000 ft² and evaluated after 2 weeks. Visual turfgrass color scale was 1-9 (1=brown, 6=acceptable, 9=darkest tall fescue).



- This graph shows the results of the visual ratings after 2 weeks as a percentage of the visual rating of the check plot (which received no added N).



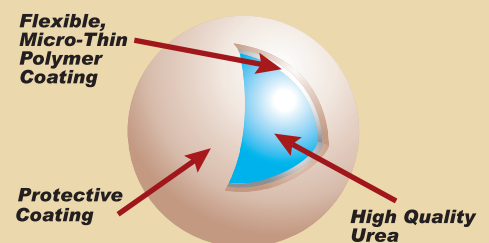
Duration released nitrogen early, to help the turf green up more quickly than other premium slow release products.

The Benefits

- **Greener Turf and Reduced Clippings**
 - Extensive testing on turfgrass demonstrates that Duration frequently out performs most other controlled release fertilizers and consistently delivers high color ratings and reduced clippings. This makes Duration particularly attractive to professional turf managers.
- **Reduced Applications**
 - Using Duration means avoiding the peaks and valleys associated with multiple applications. This means reduced costs, reduced soil compaction and reduced total nitrogen fertilizer applications.
- **Reduced Potential for Leaching Nitrogen**
 - Because the Duration granule is protected by a polymer coating, the nitrogen is protected, even under the wettest conditions.

Engineered Precision Release

Duration, a polymer coated fertilizer delivers the nutrients to turfgrass with precision control. This is accomplished by applying a patented, micro-thin membrane coating over top of nitrogen fertilizer. Soil water passes through the polymer membrane, dissolving the nutrients inside. The granule swells causing the nutrients to pass through the polymer membrane at a controlled rate, ensuring that the turf receives the prescribed supply on nitrogen.



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