

PLANT NUTRIENTS

AdvanSix Sulf-N® Ammonium Sulfate

Growth Response and Color Enhancement of Ammonium Sulfate vs. Urea - Bermudagrass

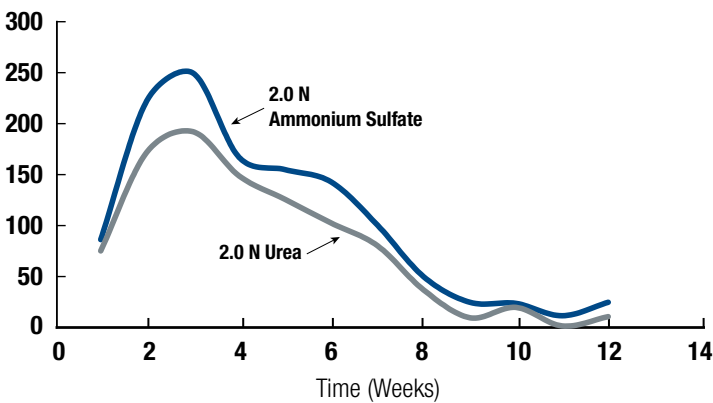
Objective

Compare growth response and color enhancement from ammonium sulfate versus urea by measuring clippings (growth response) and chlorophyll levels (color enhancement) following application of ammonium sulfate and urea.

Key Findings

Color Enhancement of Ammonium Sulfate over Urea on Bermudagrass Turf

Increase in Chlorophyll Indices Over Control



Source: Warren D. Davenport, PAT[®] Horticultural Research Services, Inc. 2005.

Conclusions

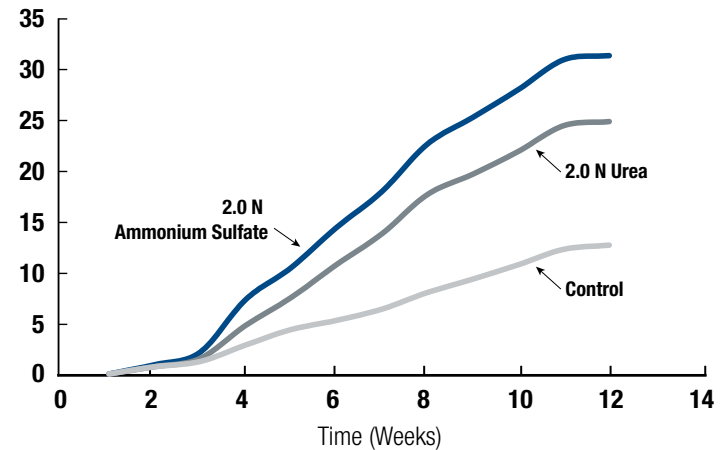
- Growth response to ammonium sulfate was statistically superior to urea from the fourth through 12th week after application.
- Color enhancement from ammonium sulfate was statistically superior to urea from second through fourth week after application, with a consistently superior trend from fifth through 12th week after application.

Method

Apply ammonium sulfate and urea at nitrogen rates of two pounds per 1000 ft² in single and split applications on hybrid bermudagrass in Ohio. Monitor for 12 weeks.

Response of Bermudagrass Turf to Urea and Ammonium Sulfate

Cumulative Clippings Dry Wt. (lbs/M)



Source: Warren D. Davenport, PAT[®] Horticultural Research Services, Inc. 2005.

Contact AdvanSix

To learn more about the benefits of Sulf-N® Ammonium Sulfate, visit AdvanSix.com or SulfN.com or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

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