

PLANT NUTRIENTS

AdvanSix Sulf-N® Ammonium Sulfate

Sulfur Pays Dividends on Forage

A small investment in sulfur can produce big returns on bromegrass and tall fescue, according to Kansas State University research. In test plots, topdressing ammonium sulfate (21-0-0-24S) increased bromegrass yields by an average of 650 pounds per acre, compared to plots fertilized with nitrogen only. On tall fescue plots, researchers recorded yield increases of 300 to 700 pounds per acre with topdresses of ammonium sulfate.

Economics Of Sulfur Fertilization On Bromegrass

Cost of Sulfur From Ammonium Sulfate	20 lbs. at \$.55/lb. = \$11 per acre
Yield Increase	650 lbs. at \$75/ton = \$24.40 per acre
Return On Sulfur Investment	\$13.40 per acre



Sulfur-deficient bromegrass

Protein increases. Adding sulfur also increases the crude protein content of bromegrass. Plots treated with ammonium sulfate averaged 23 percent protein, compared to 19.8 percent for the nitrogen-only plots on forage samples taken in mid-April.

For maximum production, researchers suggest making two topdresses of sulfur: apply one-third of the total amount in late August and two-thirds anytime from November to mid-April.

Sulf-N® ammonium sulfate is available in a mid grade for direct application and a granular grade for bulk blending.

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)

AdvanSix
300 Kimball Drive, Suite 101
Parsippany, NJ 07054

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