



Sulfur: The Missing Ingredient in Many Forage Stands

Sulfur (S) applications have long been overlooked by generations of forage producers who received “free” S from aerial deposition and impurities in commercial fertilizers. But cleaner air and higher analysis fertilizers have meant less of those “free” S inputs:

- By the early 2000s, atmospheric depositions were down 30 to 40 percent of their 1980s and 1990s levels.
- University of Wisconsin researchers found 88 percent of the alfalfa fields tested across the state in 2010 were deficient in S.
- Those Wisconsin researchers also found that *58 percent of the samples from fields showing no visible symptoms of S deficiency were low in sulfur.*
- Applications of sulfate-S increased forage grass yields by 10 percent in Missouri, 17 percent in a forage grass blend in New York, and yielded one to two tons additional alfalfa in Wisconsin.

Get the [full story here](#) with insight from Dr. Rob Kallenbach of University of Missouri, Dr. Carrie Laboski of the University of Wisconsin, and researchers at the Miner Institute in New York.

Useful Resources

Sulf-N® ammonium sulfate is an excellent source of sulfate-S, which is immediately available to crops, as well as ammonium-N, which resists volatilization. That makes it ideal for surface applications in forage crops. For more information about Sulf-N® benefits, [visit this page](#) or contact [Mercedes Gearhart](#), Senior Agronomist at AdvanSix.

Contact AdvanSix

To learn more about the benefits of 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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