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Sulf-N[®] News: Stay Ahead of Corn S Demand in Cool Spring Conditions

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Photo courtesy of R.L. Nielsen, Purdue University

Sulfur Boosts Yields in 10 Out of 20 Fields in Purdue Trial

In a 2017-2019 study conducted in Indiana by Purdue researchers Dr. Jim Camberato, Dr. Bob Nielsen and Diana Salguero, half the corn fields responded with yield increases following nitrogen (N) and sulfur (S) application. According to Camberato, some of the results were dramatic but there is still some uncertainty about which soils would benefit most from applied S. More specifically, the study revealed:

- Ten out of 20 fields statewide demonstrated a positive yield response to S sidedress applications.
- The yield increases ranged from 4 to 24 bushels per acre. In areas of the most responsive fields, yields increased by about 40 bushels per acre where S was applied.
- Some fields that demonstrated yield responses to applied S were loamy or lighter soils, where one might expect to see S deficiency. However, other fields demonstrating similar yield responses were comprised of heavier soils with organic matter levels up to 3.5 percent.

Get the [full story here](#).

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. For more information about Sulf-N[®] benefits, [visit this page](#) or contact [Mercedes Gearhart](#), Senior Agronomist at AdvanSix.

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