



Sulfur Source Comparison in Corn

Nutrien Research Farm: Hopkinsville, KY

Experiment Info:

Planted:
Harvest:
Yield Goal:
Target Fert.:
Variety:
Population:
Row Width:
Prev. Crop:
Plot Size:
Replications:

Soil Test Values (ppm):

pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

Objective:

To compare planter applied sulfur applications on corn.

Sulfur fertilizer continues to show yield benefits on corn. This trial was developed to evaluate two sulfur sources, AgroLiquid's AccesS to conventional sulfur ammonium thiosulfate (ATS). Both sources were applied at recommended rates and placed 2x2 at planting.

Yield results appear on the table below.

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Program	Yield – bu/A
No Sulfur	210.0
5.2 gal ATS 2x2	223.2
2.5 gal accesS 2x2	225.8

Conclusions:

- Both sulfur sources, AccesS and ATS, increased corn yield over the no sulfur check.
- AgroLiquid's sulfur produced over 2 bu/A higher than the conventional sulfur source.
- The recommended rate of AccesS is half the recommended rate of ATS, which still provided higher yield with less actual pounds of nutrients applied per acre.