Sulfur Fertilizer Program 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 evaluate planter and sidedress applications of two sulfur sources applied on corn.

In this trial, planter and sidedress sulfur was applied utilizing either AgroLiquid's AccesS or conventional ammonium thiosulfuate (ATS). With the improved efficiency of AccesS, the rate per acre was half the ATS rate per acre. Applications were split a quarter at planting and three-quarters applied at sidedress. The rest of the fertility program was the same across both treatments.

Yield results appear on the table below.

Sulfur Fertilizer Programs

Nutrien Research Farm, KY

Program	Yield – bu/A
1 gal AccesS planting; 3 gal AccesS Side-Dress	225.5
2 gallons ATS planting; 6 gal ATS Side-Dress	224.1

Conclusions:

• AgroLiquid's AccesS yielded similarly to ATS with half the rate of fertilizer being applied.