



Foliar Potassium Source Comparison on Soybeans

Nutrien Research Farm: Hopkinsville, KY

Experiment Info:

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

Objective:

To compare two of AgroLiquid's potassium products applied foliar on soybeans.

A successful long-time foliar application for soybeans in Tennessee and Kentucky has been 1 gal of Sure-K per acre combined with 2 qt/A of fertiRain. This trial compared this standard foliar program to a new potassium product Kapitalize. This potassium source also includes calcium and sulfur.

Yield results appear on the table below.

Potassium Source Comparison

Nutrien Research Farm, KY

Treatment	Yield (Bu/A)
1 gal Kapitalize + 2 qt fertiRain (R3)	57.2
1 gal Sure-K + 2 qt fertiRain (R3)	59.8

Soil Test Values (ppm):

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

Conclusions:

- Sure-K and fertiRain continue to provide superior yield for soybeans in the trial.
- Kapitalize did not yield as well as Sure-K, yielding over 2 bu/A lower. More work will be done on this to help determine if this was due to phytotoxicity from the sulfur or if the addition of sulfur and calcium were not needed at this location.