

Soybean Fertility Program Comparisons

Mosier Ag Research: La Cygne, KS

Experiment Info:

Planted:	
Harvest:	
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	30"
Prev. Crop:	
Plot Size:	4 rows/ 40'
Replications:	4

Soil Test Values (ppm):

pH:

CEC:

%OM:

Bray P1:

Bicarb P:

K:

S:

%K:

%Mg:

%Ca:

%H:

Zn:

Mn:

B:

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This is the 2nd year of comparing AgroLiquid fertility programs on soybeans in eastern Kansas. This experiment evaluated 3 gal in-furrow combinations of various AgroLiquid phosphorus, potassium, and micronutrient products, as well as a foliar potassium application at R1. All treatments included a dry application of 100 lbs/A DAP and 100lbs/A 0-0-60.

Treatments include:

Untreated Check

Dry Only

springuP + Micro500 (3 gpa)

ProGerm + Micro500 (3 gpa)

ProGerm + springuP + Micro500 (3 gpa)

ProGerm + Kalibrate (1.5 gpa + 1 gpa)





Conclusions:

- SpringuP and Micro 500 demonstrated the importance of an in-furrow, quickly-available phosphate source even when adequate phosphate is applied.
- All treatments had similar stand counts indicating consistent safety across product mixes.