



AgroLiquid Fertilizer Program Applied through Furrow Jet in Soybean

Precision Planting: Pontiac, IL

Experiment Info:	
Planted:	6-13-2019
Harvest:	10-18-2019
Yield Goal:	70
Target Fert.:	
Variety:	?
Population:	130000
Row Width:	
Prev. Crop:	Corn
Plot Size:	
Replications:	

Soil Test Values (ppm):	
pH:	5.1
CEC:	18.2
%OM:	3.1
Bray P1:	31
Bicarb P:	
K:	130
S:	14
%K:	1.8
%Mg:	11.6
%Ca:	48.6
%H:	38
Zn:	1.8
Mn:	27
B:	0.2

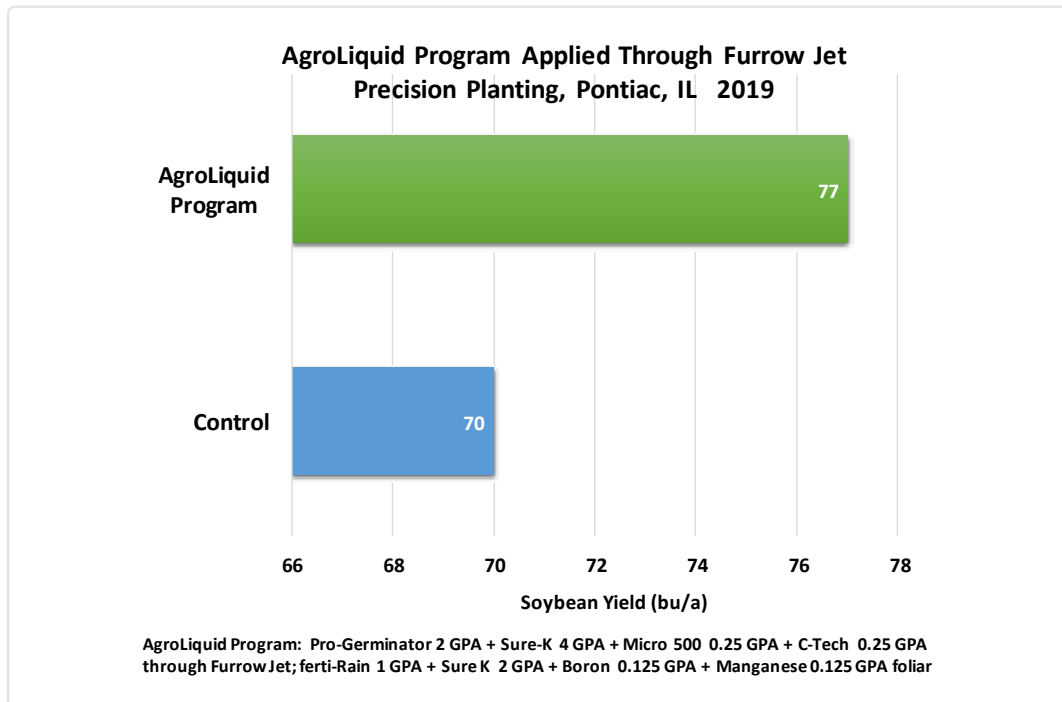
Objective:

This was a cooperative project conducted by Precision Planting in Pontiac, IL.

Evaluate crop safety and performance of AgroLiquid fertilizer program applied through Furrow Jet in soybeans.

AgroLiquid generally recommends limiting in-furrow applications of phosphate + potassium products to 3 gal/a to soybeans planted in 30" row spacing. Furrow Jet technology from Precision Planting may provide more use rate flexibility since the fertilizer can be divided among three placement locations on and near the seed.

The AgroLiquid program in this trial included Pro-Germinator 2 GPA + Sure-K 4 GPA + Micro 500 0.25 GPA + C-Tech 0.25 GPA applied through Furrow Jet. The AgroLiquid program also included foliar application of ferti-Rain 1 GPA + Sure-K 2 GPA + Boron 0.125 GPA + Manganese 0.125 GPA. This treatment was compared to a no fertilizer control.



Conclusions:

No stand reduction or crop injury was observed during this trial.

The AgroLiquid treatment improved soybean yield by 7 bu/acre compared to the no fertilizer control, indicating that application of high rate of Pro-Germinator + Sure-K through Furrow Jet may afford an additional level of crop safety.