Foliar Fed K and Micros on Peanuts Mid-Late Season

Cody Mitchell SunBelt Expo, Moultrie GA

Experiment Info	
Planted:	5-16-2022
Harvested:	10-3-2022
Yield Goal:	3800 #
Variety:	GA 6
Pop.:	
Row Width:	
Prev. Crop:	cotton
Plot Size:	3 acres
Reps:	2

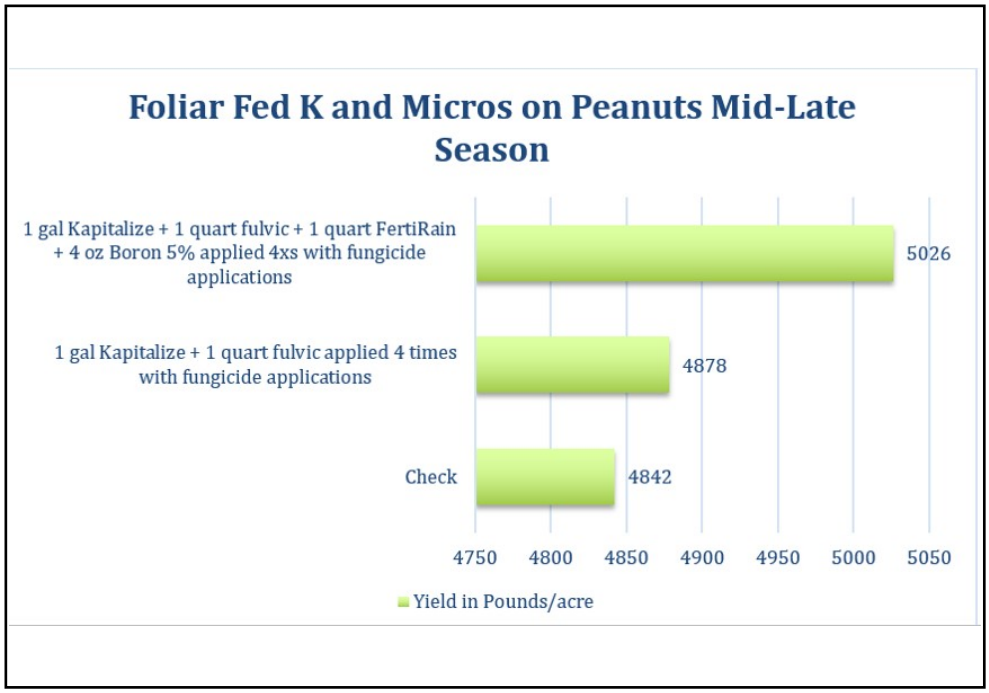
Soil Test (ppm)	
pH:	6.4
CEC:	3.3
%OM:	
Bray P1:	67
Bicarb P:	
K:	108
S:	
%K:	4.5
%Mg:	10.5
%Ca:	48.5
%H:	36.9
Zn:	4.7
Mn:	4.0
B:	0.4

Objective:

Measure and evaluate mid-late season K application and foliar fed nutrients with fungicide.

Repeat testing shows a severe decline in potassium availability mid-season in peanut vegetation in Georgia. With multiple fungicide applictions, we opted to apply Kapitalize foliar as a stand alone product, and in conjunction with FertiRain and Boron 5% to measure the effect on yield.

Fulvic was included to increase uptake since it was foliar applications.



stats

Conclusions:

Poor stand and emergence early on because of in-furrow calibrations, it got almost triple the rate of in-furrow materail. Peanuts began to recover and overlap rows about 2 months in, yield correlated to results in surrounding areas of the state with the average on irrigated being 4800. Check borders were fried by chemical overlap in spraying turn rows for weeds. Yield results reflect a poor start, but foliar applications clearly helped them finish out amoungst the state averages.