



Potassium In-furrow, Foliar and Micronutrients on Cotton

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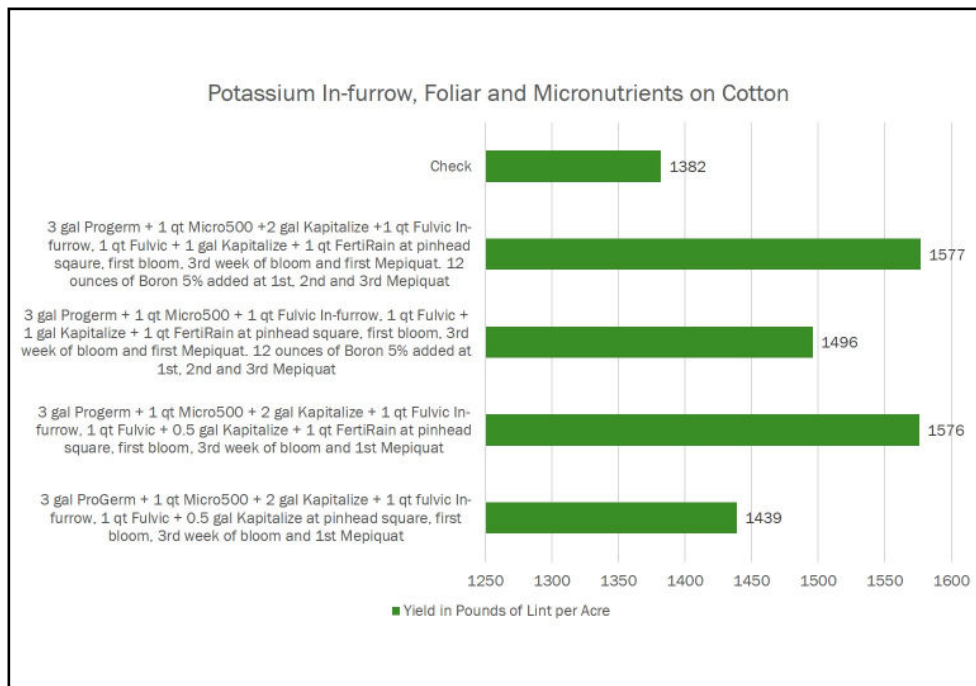
Experiment Info	
Planted:	5/9/2022
Harvested:	10-4-2022
Yield Goal:	
Variety:	Stoneville
Pop.:	
Row Width:	
Prev. Crop:	
Plot Size:	0.05 acre/
Reps:	4

Soil Test (ppm)	
pH:	6.8
CEC:	17.1
%OM:	2.2
Bray P1:	104
Bicarb P:	
K:	426
S:	
%K:	
%Mg:	
%Ca:	
%H:	
Zn:	18.8
Mn:	309
B:	1.2

Objective:

Monitor the effect of added micros on yield and overall plant health. Evaluate effects of Kapitalize in furrow vs foliar fed, and the added benefit of boron for boll retention and yield.

Cotton has a very high removal rate of potassium during the growing season. It can remove up to four pounds of potassium a day during peak reproduction. To provide additional pounds of potassium and to help facilitate those pounds, we added Kapitalize and FertiRain. The Boron 5% was added to help with boll retention.



stats

Conclusions:

No statistical difference in emergence, height, and vigor. Health, height, color, boll count and retention was consistent throughout the growing season.

Top two yielding trials did have Kapitalize in furrow and foliar, with the addition of FertiRain foliar adding pounds to trial weight and addition of boron contributing to boll retention.