



Cotton Fertilizer Programs

Miles Farms (Arkansas): 2023

Experiment Info	
Planted:	
Harvested:	
Yield Goal:	
Variety:	
Pop.:	
Row Width:	
Prev. Crop:	
Plot Size:	
Reps:	

Objective:

This experiment compared a grower standard cotton program to and AgroLiquid fertility program planter and foliar applied.

At planting AgroLiquid Fulvic and Micro 500 replaced the grower standard MicroPack and treatments 3 and 4 included LiberateCa.

Foliar applications included varying combinations of Kapitalize, AgroLiquid Fulvic, fertiRain, LiberateCa and MicroLink Boron depending on growth stage. A total of 6 applications were made throughout the season.

Soil Test (ppm)	
pH:	6.2
CEC:	
%OM:	
Bray P1:	68.8
Bicarb P:	
K:	87.1
S:	
%K:	
%Mg:	
%Ca:	
%H:	
Zn:	4.0
Mn:	
B:	

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Program	Yield	+/- GS
Grower Standard	1542	
1 qt Fulvic + 1 qt Micro 500 (planting) Multiple foliar applications	1662	120
1 qt Fulvic + 1 qt Micro 500 + 1 qt LiberateCa (planting) Multiple foliar applications	1681	139
1 qt Fulvic + 1 qt Micro 500 + 1 qt LiberateCa (planting) Multiple foliar applications + Micro 500	1682	140

Conclusions:

- All AgroLiquid treatments increased pounds of cotton over the grower standard program.
- Little yield difference was achieved with the addition of Micro 500 into the foliar program.
- High yield was seen with LiberateCa added into the planter program plus the complete foliar program.