



Wheat Foliar Fertilizer Program Comparisons

Henderson Farms (Alabama): 2023

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

Objective:

This trial evaluates the yield response from foliar applications of micronutrients and sulfur applied on winter wheat. Applications were made at flagleaf. Treatments included the following products:

- Micro 500, a multi-nutrient package including zinc, manganese, iron, copper and boron.
- MicroLink Mn, manganese is critical for wheat production .
- eNhance, a foliar safe sulfur product that also contains trace amounts of manganese and zinc.

Yield response appears on the follow table.

Soil Test (ppm)	
pH:	6.6
CEC:	7.4
%OM:	2.6
Bray P1:	76.0
Bicarb P:	
K:	282.2
S:	22.6
%K:	
%Mg:	
%Ca:	
%H:	
Zn:	7.2
Mn:	565.1
B:	1.12

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Program	Yield
Grower Standard	61.8
1 qt Mn + 1 qt eNhance	76.1
1 qt Mn + 1 qt Micro 500	87.4
2 qt Micro 500 + 1 gal eNhance	70.3

Conclusions:

- All foliar applications increased yield over the no foliar grower standard treatment.
- The application of 1 qt Mn and 1 qt eNhance increased yield by over 14 bu/A.
- Highest yield was achieved with an application of 1 qt Mn and 1 qt Micro 500 adding over 25 bu/A.
- The all out application with 2 qt Micro 500 and 1 gal eNhance did not yield as well as other treatments but still added just under 10 bu to that grower standard yield.