



Soybean: Foliar Programs

Elite Research: Aurora, NE

Experiment Info	
Planted:	4/23/2024
Harvested:	10/12/2024
Yield Goal:	65bu/A
Variety:	AG30XF4
Pop.:	140000
Row Width:	30"
Prev. Crop:	Corn
Plot Size:	10X47.5ft
Reps:	4

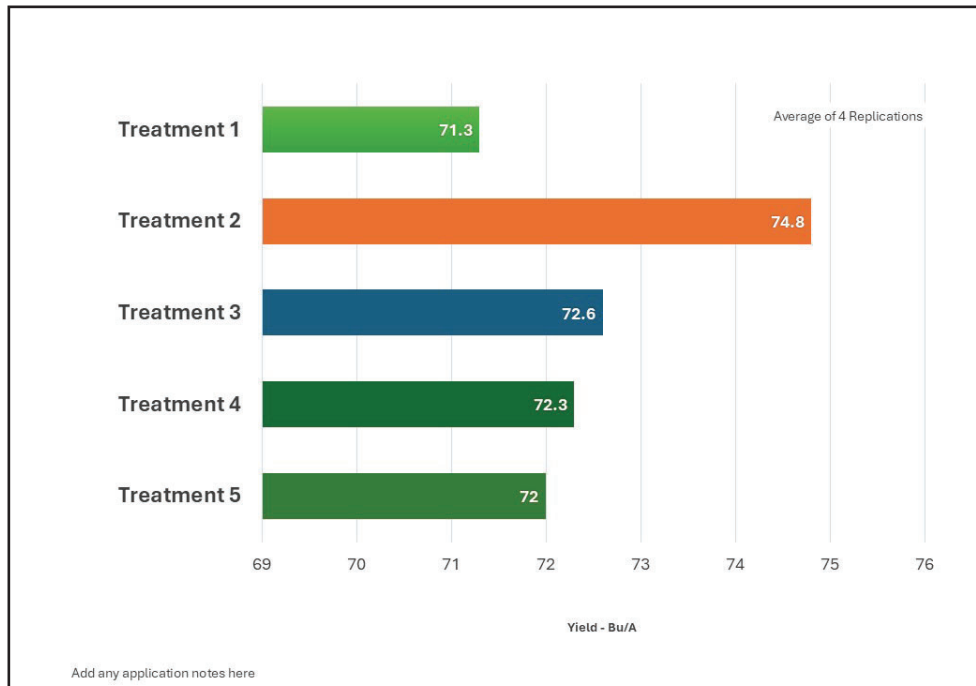
Soil Test (ppm)	
pH:	7.3
CEC:	15.6
%OM:	2.8
Bray P1:	5
Bicarb P:	8
K:	319
S:	11
%K:	5.2
%Mg:	13.6
%Ca:	79.8
%H:	0
Zn:	1
Mn:	4
B:	0.2

Objective:

To establish a value for foliar programs in Nebraska. Products such as FertiRain, SureK, NResponse, and MicroLink Mn and B have proven to increase yield when applied foliar at R1.

Treatments:

1. Control: ProGerm - 3gal/A / Micro500 - 1qt/A - IF
2. Treatment 1 + FertiRain/NResponse -1 gal/A each - FOLIAR R1
3. Treatment 1 + FertiRain/SureK -1 gal/A each - FOLIAR R1
4. Treatment 3 + 1 qt MicroLink B - FOLIAR R1
5. Treatment 4 + 1 qt/A MicroLink Mn - FOLIAR R1



Conclusions:

While the manganese and boron levels were both low on the soil test, additions of these nutrients foliar did not improve the yield. FertiRain/SureK and FertiRain/NResponse blends are popular for growers around the country. In this case, nitrogen seemed to work a little better than the potassium. The soil test is strong in potassium and in-season rains evidently kept soluble potassium available to the roots in adequate quantities for the yield goal.