



Foliar Moly Comparison on Corn (20-908)

Experiment Info:

Planted:	5/13/2020
Harvest:	10/28/2020
Yield Goal:	175 bu/A
Target Fert.:	193-45-24
Variety:	DKC 47-54 RIB
Population:	33,000
Row Width:	30"
Prev. Crop:	Soybeans
Plot Size:	15 x 470
Replications:	4

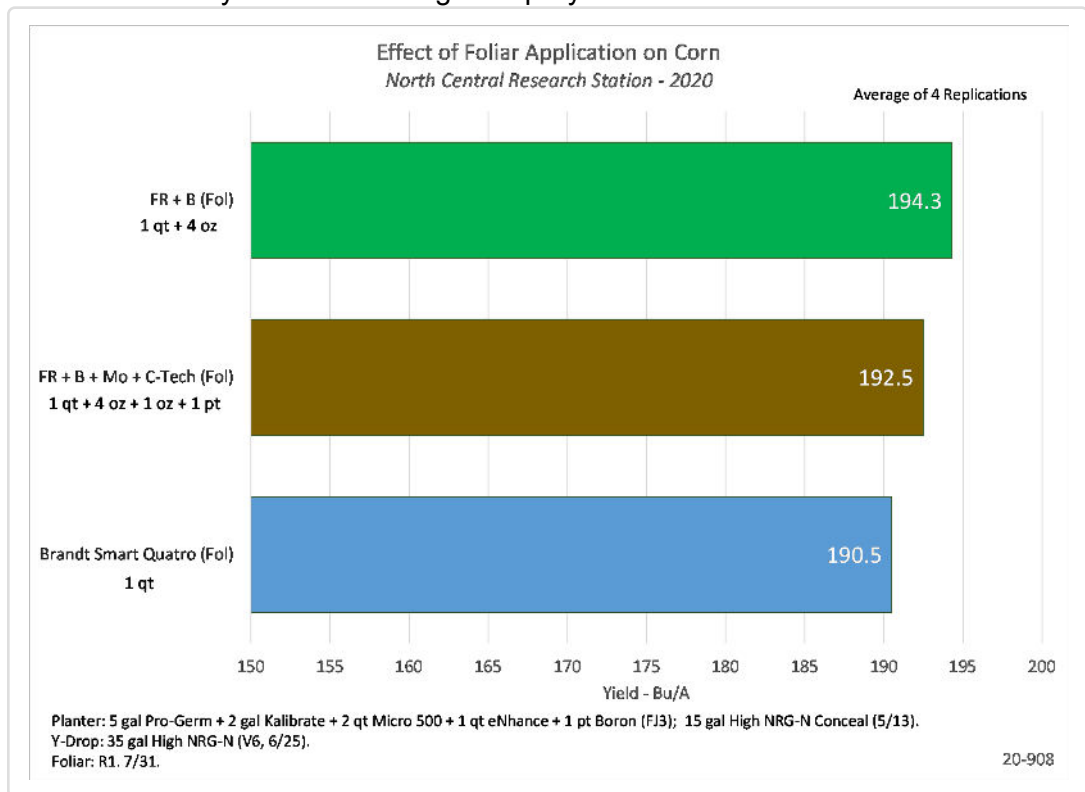
Soil Test Values (ppm):

pH:	6.8
CEC:	11.4
%OM:	2.5
Bray P1:	19
Bicarb P:	
K:	131
S:	4
%K:	2.9
%Mg:	21.1
%Ca:	75.7
%H:	
Zn:	2.3
Mn:	6
B:	.3

Objective:

To evaluate foliar applications of multiple nutrients for their effect on corn yields.

Beginning with a good base planter fertilizer program can help to get corn off to a great start. However extra nutrients throughout the season may be needed to keep the plant healthy and working to achieve high yields. This experiment looked at an AgroLiquid mix of 1 qt/A FertiRain (FR) + 4 oz/A Boron (B). Added to that same mix in a second treatment was 1 oz/A Molybdenum + 1 pt/A C-Tech to promote plant health and nutrient uptake. A third treatment compared Brandt Smart Quatro at 1 qt/A to the AgroLiquid nutrition. All applications were made over the top of R1 corn plants on July 31st at 77 degrees F and 70% Relative Humidity in a total of 10 gal/A spray volume and 60 PSI.



LSD(0.2)16.7 CV:8.8%

Conclusions:

- Both AgroLiquid mixtures applied foliar over the top of R1 corn increased yields above the Brandt Smart Quatro application.
- The additional nutrients of Moly and C-Tech did not show an increase yield over the FertiRain and Boron mix.