



Micronutrient Comparisons in Corn 2017

Experiment Info:

Planted:	05/16/2017
Harvest:	10/25/2017
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	
Prev. Crop:	soybean
Plot Size:	
Replications:	

Soil Test Values (ppm):

pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

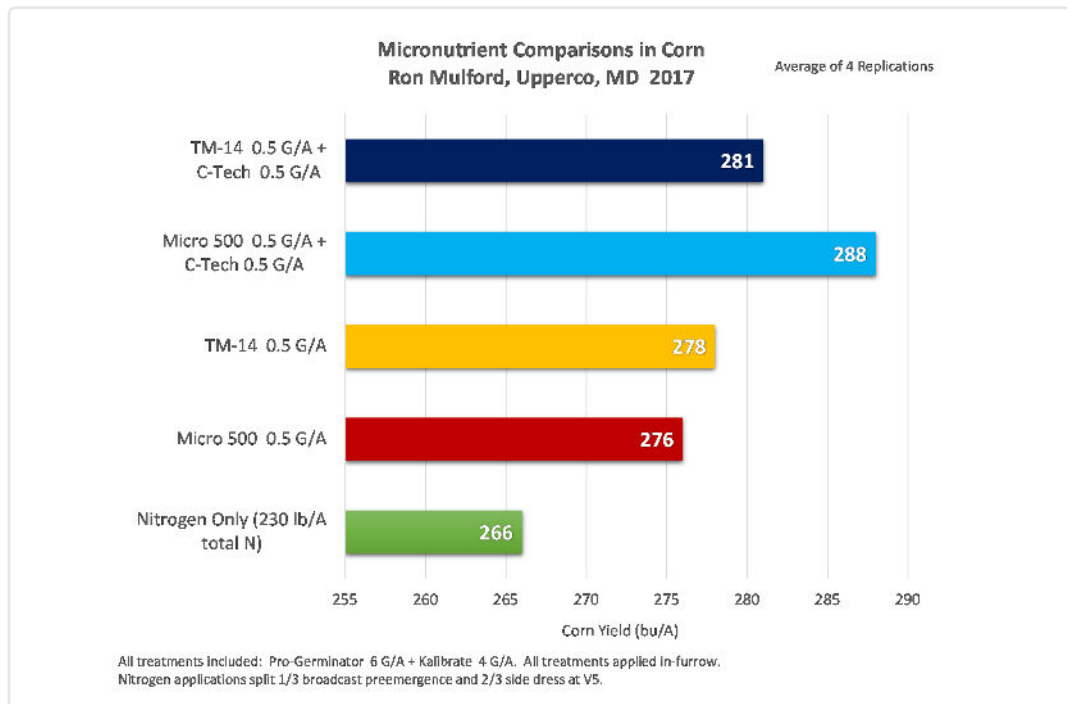
Objective:

Evaluate the performance of experimental fertilizer TM-14 compared to Micro 500 on corn yield.

Micro 500 is a micronutrient package containing zinc, manganese, iron, copper, and boron. Experimental fertilizer TM-14 has those same micronutrients plus calcium, magnesium, moly, cobalt, and nickel.

This trial was designed to evaluate the performance of TM-14 to the performance of Micro 500, both applied at 0.5 gal/acre in-furrow on corn yield. The effect of adding C-Tech to the micronutrient treatment was also evaluated.

All plots received Pro-Germinator 6 gal/acre + Kalibrate 4 gal/acre applied in-furrow and 320 lb/A nitrogen as 30% UAN + eNhanse.



Conclusions:

- Micro 500 and TM-14 provided comparable corn yield in this trial. Addition of C-Tech benefited the performance of Micro 500 more than TM-14.
- No soil test information was available for this test site so specific nutrient, CEC, and pH levels are not known. It appears that TM-14 and Micro 500 perform comparably under the conditions of this trial.