



# Micro 500 Win-Rate on Corn

Multiple locations and years

## Experiment Info:

Planted:	
Harvest:	
Yield Goal:	best
Target Fert.:	by soil test
Variety:	varied
Population:	varied
Row Width:	30"
Prev. Crop:	varied
Plot Size:	varied
Replications:	2-5

## Soil Test Values (ppm):

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

## Objective:

Evaluate long-term win-rates, both yield and economics, of Micro 500 applied at planting on corn.

Micronutrients are just as important as N-P-K for crop growth and development but often times not including in a fertility program. Micro 500 provides a complete package of micronutrient including zinc, manganese, iron, copper and boron to help address all your crop's needs and mixes in with your planter time fertility program. To track long-term response on both yield and return on fertilizer dollars invested, a summary of 17 trials from 1996 to 2020 were compiled. Evaluation of yield and return were completed.

Data appears in the image below.

**No Micro 500: 205.8 bu/A  
+ Micro 500: 214.3 bu/A  
+ 8.5 bu/A Yield increase**

**94% win-rate  
77% positive economic return**

## Conclusions:

- Micro 500 continues to provide a consistent yield increase when applied as a part of a corn fertility program, yielding over 8 bu/A higher over the 17 trials compared to no micronutrients.
- In this multi-year summary, Micro 500 won 94% of all yield comparisons.
- Evaluating economic return, 77% of the time the application of Micro 500 provided a positive return on fertilizer dollars invested.