Individual Product In-Furrow Corn Research 2024

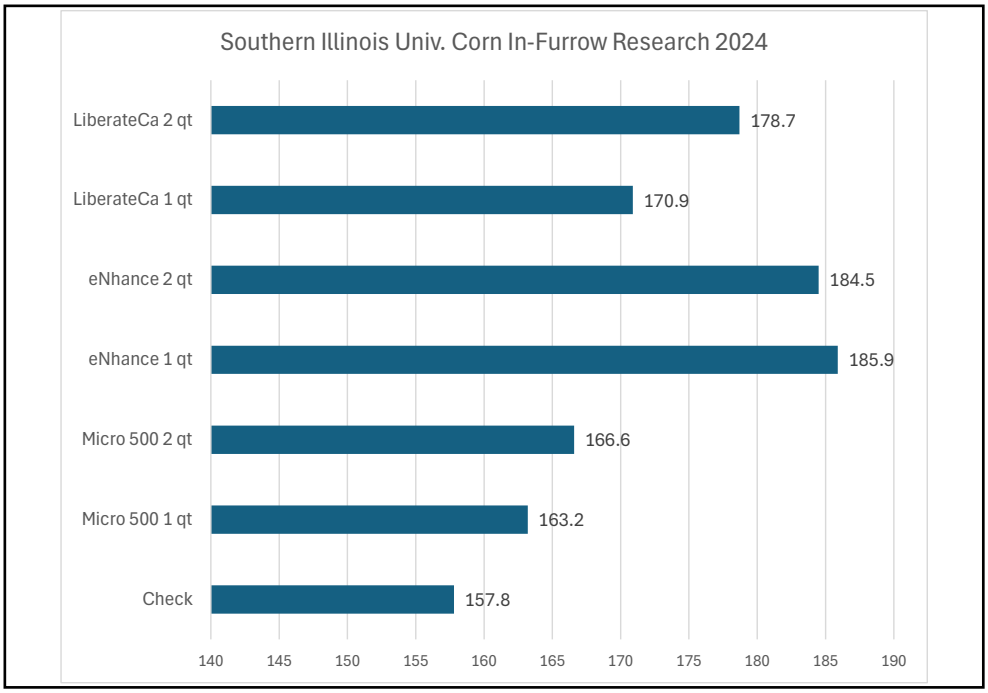
Southern Illinois University: Carbondale, IL

Experiment Info	
Planted:	5/31/24
Harvested:	10/17/24
Yield Goal:	180
Variety:	AG 64-35
Pop.:	32,000
Row Width:	30
Prev. Crop:	Soy
Plot Size:	10x40
Reps:	4

Soil Test (ppm)	
pH:	6.1
CEC:	9.1
%OM:	2.3
Bray P1:	45
Bicarb P:	
K:	134
S:	9
%K:	3.8
%Mg:	7.8
%Ca:	72
%H:	16
Zn:	2.3
Mn:	153
B:	0.1

Objective:

To evaluate the efficacy of individual AgroLiquid products that are normally used as part of a blend for in-furrow applications in corn. The soils at the SIU Agronomy Research Center are challenging, with a very high clay content four or more feet deep.



stats

Conclusions:

This study was third party research conducted at Southern Illinois University's Agronomy Research Center. Their standard base dry corn fertilizer program was used for all plots in this study. Individual treatments of 1 quart and 2 quarts of Micro 500, eNhance, and Liberate were placed in-furrow at planting. The chart is the average of four replications each. No other starters or other products were used, these were all stand-alone treatments. All rates and treatments resulted in significant yield increases vs the check.

Note: The soil test data is Mehlich 3.