



Corn: Planter-Time Additives

Elite Research: Aurora, NE

Experiment Info	
Planted:	5/6/2024
Harvested:	10/4/2024
Yield Goal:	240bu/A
Variety:	DKC62-80
Pop.:	34,000
Row Width:	30"
Prev. Crop:	Soybean
Plot Size:	10X47.5ft
Reps:	4

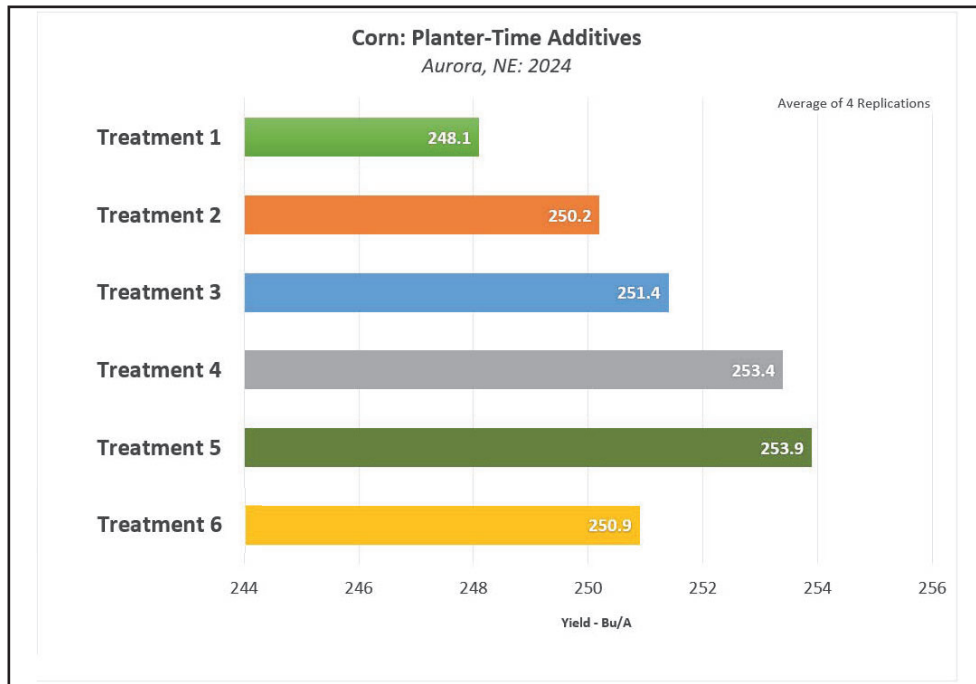
Soil Test (ppm)	
pH:	6.7
CEC:	14.7
%OM:	3.6
Bray P1:	7
Bicarb P:	
K:	419
S:	10
%K:	7.3
%Mg:	14.1
%Ca:	77.2
%H:	0
Zn:	1.5
Mn:	5
B:	0.2

Objective:

To establish a value for planter-time product additives in Nebraska. Products such as Micro500, LiberateCa, and individual MicroLink micronutrients added to in-furrow applications have been proven to increase yields.

Treatments (In-Furrow):

1. Control - No Planter Fertilizer
2. ProGerm - 3gal/A / Micro500 - 1qt/A
3. ProGerm - 3gal/A / Micro500 - 2qt/A
4. ProGerm - 3gal/A / Micro500 - 1qt/A / LiberateCa - 1qt/A
5. ProGerm - 3gal/A / Micro500 - 1qt/A / LiberateCa - 2qt/A
6. ProGerm - 3gal/A / Micro500 - 1qt/A / MicroLink Mn - 1qt/A



Conclusions:

Micro500 shows once again that the addition of 5 synergistic micronutrients in-furrow will increase yield. Also, LiberateCa can increase yields despite adequate to high levels of soil test calcium in the soil. MicroLink Mn showed a slight yield increase over the base ProGerm/Micro500 blend.