

RESEARCH FOR RESULTS



Crop Tech Corn Starter & Additive Trial 2021

- OVERVIEW:** This trial compares 3 starter treatments using SoilBiotics **SB4400** against a control.
- LOCATION:** Clinton, IL
- HYBRID:** Wyffels 6978Rib
- PLANTING DATE:** 5/13-5/14 2021
- HARVEST DATE:** 11/3-11-5 2021
- TILLAGE:** None
- FERTILIZATION:** **Pre-plant Applied last fall:**
200 lbs. of POTASH, 200 lbs. of MAP, 100 lbs. of AMS
Spring applied:
120 lbs. of N as UAN
Planting:
Side-dressed 60 lbs. of N as UAN
- TREATMENTS:** **All treatments applied in-furrow 2 x 2:**
#1 - Control – Water @ 3 gallons
#2 - Water @ 3 gallons plus SoilBiotics **SB4400**
#3 - 3 gallons 10-34-0 + Zn
#4 - 3 gallons 10-34-0 + Zn plus SoilBiotics **SB4400**
- ON-SITE NOTES:** There was heavy Tar Spot pressure, killing the plants earlier than expected. A windstorm on October 12th caused damage. Judging from harvest loss checks and watching corn feed into the header across all treatments, harvest loss was very similar across each treatment.
- RESULTS:**
- | | |
|---|-------------|
| Control: | 214 bu/acre |
| 3 gallons water plus SB4400: | 218 bu/acre |
| 3 gallons 10-34-0 + Zn: | 222 bu/acre |
| 3 gallons 10-34-0 + Zn plus SB4400: | 223 bu/acre |
- Summary:** The addition of SoilBiotics biological product **SB4400** increases yield by 4 bushels per acre over water control. In concert with targeted nutrients, **SB4400** increases yield by 1 bushel per acre over the nutrients alone, and a total of 9 bushels per acre over the water control.