

RESEARCH FOR RESULTS



CropTech Consulting Weldon II 2016 Corn Trial

OVERVIEW: This trial compares yield between starter fertilizer and starter plus additives against the untreated check in 3-acre field plots.

LOCATION: Weldon, Illinois

VARIETY: Stone 6404 RIB

POPULATION: 34,300

PLANTING DATE: May 7, 2016

HARVEST DATE: October 15, 2016

POST-HARVEST: Long term no till, recently tilled so it was inline ripped in fall 2015.
100 lbs/A AMS, 150 lbs/A DAP and 200 lbs/A Potash.

PRE-PLANT: Vertical till harrow with 100 lbs/A of nitrogen as UAN broadcast with herbicide.
(60 lbs/A nitrogen from UAN applied at side-dress.)

TREATMENTS:

- #1. CHECK
- #2. Season Pass 6-18-6+Zn + S ortho
- #3. Season Pass 6-18-6+Zn + S ortho + **SB4400** + **Growth Supplement 30** (1 pint of each per acre)

Weldon II Corn Plot Results

Treatments	233 B W (bu/a)	233 B E (bu/a)	233 B (bu/a)	322 C2 (bu/a)	Averages (bu/a)	+/-
Treatment 1	249.4	255.00	255.8	252.8	253.3	
Treatment 2	261.0	266.9	262.7	260.6	262.8	+ 9.5
Treatment 3	266.8	265.4	265.2	260.00	264.4	+ 11.1

SUMMARY: Addition of SoilBiotics **SB4400** and **Growth Supplement 30** to starter fertilizer solution resulted in increased yield over starter fertilizer alone and the untreated check.