

RESEARCH FOR RESULTS



Test Plots - Indiana 2024

OVERVIEW: This trial compares yield results for adding SoilBiotics **Soil Boost** soil amendment and **DgradeR+** residue digester products vs. a control in corn.

LOCATION: Indiana

TREATMENTS: **Treatment 1:** Control, **Treatment 2:** SoilBiotics **Soil Boost** at 200 lbs/per acre, **Treatment 3:** SoilBiotics **Soil Boost** at 200 lbs/per acre and **DgradeR+** at 1 gallon per acre, **Treatment 4:** SoilBiotics **DgradeR+** at 1 gallon per acre.

<u>East Farm:</u>			
Loamy sand, pH 7.1, CEC 7.0, OM 2.1			
P 160ppm, K117ppm, S 10ppm, B 0.2ppm, Zn 6.8ppm, Mn 10ppm, Cu 3.1ppm, %K 4.1, %Mg 23, %Ca 66			
Treatments applied fall 2023, drip tape irrigation			
	<u>Corn</u>	<u>Bu/A difference</u>	
Control	261.2		
Soil Boost, 200#/a	263.5	2.3	
Soil Boost 200#/a, Degrader+ 1 GPA	282.5	21.3	
Degrader+ 1 GPA	282.6	21.4	
<u>Tenta Farm:</u>			
Sandy loam, pH 6.2, CEC 13, OM 3.2			
P 35ppm, K 103ppm, S 7ppm, B 0.8ppm, Zn 3.2ppm, Mn 19ppm, Cu 1.8ppm, %K 2.4, %Mg 21, %Ca 57			
Treatments applied fall 2023, non irrigated			
	<u>Corn</u>	<u>Bu/A difference</u>	
Control	242.5		
Soil Boost, 200#/a	258.1	15.6	
Soil Boost 200#/a, Degrader+ 1 GPA	257	14.5	
Degrader+ 1 GPA	251.1	8.6	
<u>Sands Farm:</u>			
Loamy sand, pH 6.9, CEC 7.5, OM 2.0			
P 52ppm, K 165 ppm, S 7ppm, B 0.2ppm, Zn 4.3ppm, Mn 13ppm, Cu 1.1ppm, %K 5.7, %Mg 27, %CA 60			
Soil Boost test - corn			
Treatments applied fall 2023, non irrigated			
	<u>Corn</u>	<u>Bu/A difference</u>	
Control	199		
Soil Boost 200#/a	205.6	6.6	

SUMMARY: The use of **Soil Boost** and **DgradeR+**, both standalone and combined, resulted in significant yield improvements.