

## MATERIALS & METHODS

- Crop: Corn
- Planting date: April 27th '22
- Harvest date: Oct 28th '22

## TRIAL LOCATION

- Location: St Johns
- State: MI
- Latitude: 43.06074
- Longitude: -84.61263

## EXPERIMENTAL DESIGN

- Plot size: 6 rows x 50 feet
- Design: Randomized Complete Block Design with five replications
- Treatments: 4

Treatment #	Detail	Application time	Application rate
T1 (Check)	Untreated check		
T2	RootMax Powder	Spring pre-plant broadcast incorporated	1.5 kg/ac

**Figure 1.**

Corn plant's response to RootMax Powder compared with the check on **July 1, 2022**



**Figure 2.**

Response of corn plants to RootMax Powder treatments in comparison to the check on **Sep. 20, 2022**

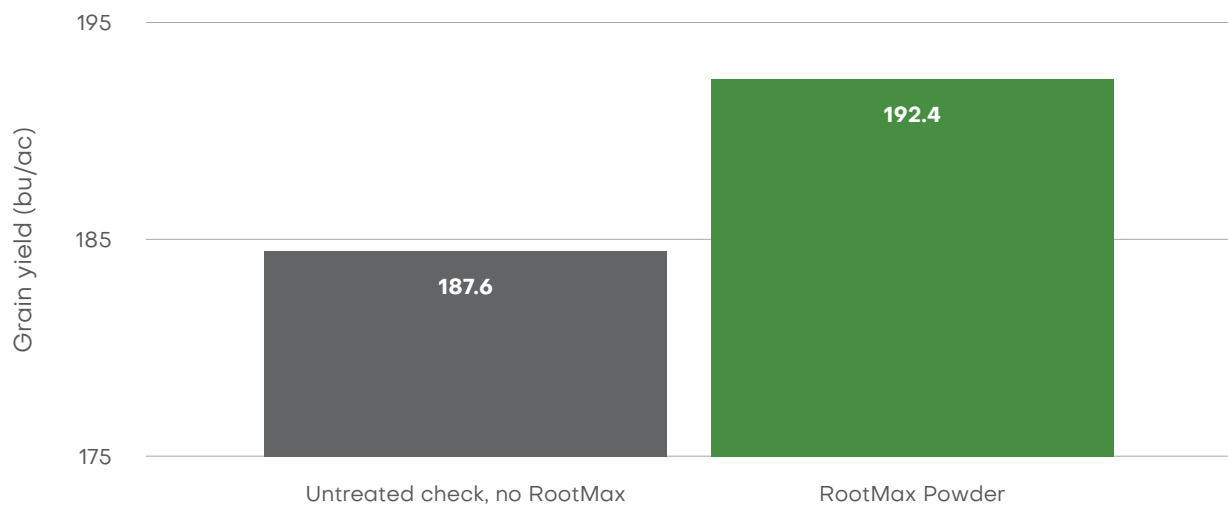




**Figure 3.**  
Corn plants for above-ground fresh and dry biomass – **June 20, 2022**



**Effect of RootMax Powder treatment on grain yield of corn plants  
at St. Johns, MI trial site – 2022**



## Conclusion

Results from the current study clearly showed the advantage of the application of RootMax Powder treatment on corn plant growth and yield