

BiOWiSH™ Crop Field Trials

Crop Production, University of Florida

Background

BiOWiSH Technologies performed field trials in conjunction with a US fertilizer distributor and The University of Florida's Institute of Food and Agricultural Sciences to evaluate the BiOWiSH™ Crop technology as a part of the crop fertility best management practice.

The United Nations projects food production needs to increase by as much as 100% by 2050 in order to meet growing demand. Research and field studies have proven that when combined with traditional fertilizer, BiOWiSH™ technology increases crop production.



Objectives

The primary goal of BiOWiSH Technologies and our partners is to increase crop production globally to meet food production needs, while developing sustainable best management practices and positively impact food prices around the world. One must consider both the amount of food required for future generations and the environmental impact of high production farming.

Solution

The BiOWiSH™ Crop technology can be impregnated or coated onto many fertilizers and fertilizer fillers. Because BiOWiSH™ Crop increases yields, it can help farmers globally increase production and achieve self-sufficiency. BiOWiSH™ agronomy products increase micronutrient uptake in plants, improve plant vigor and stimulate microbial activity in the soil, resulting in higher crop production.

BiOWiSH™ Crop

- Improves yields
- Improves plant vigor
- Increases nutrient availability to plants
- Stimulates microbial activity in the soil

Available Sizes

- 50gal/190L
- 264gal/1000L Tote

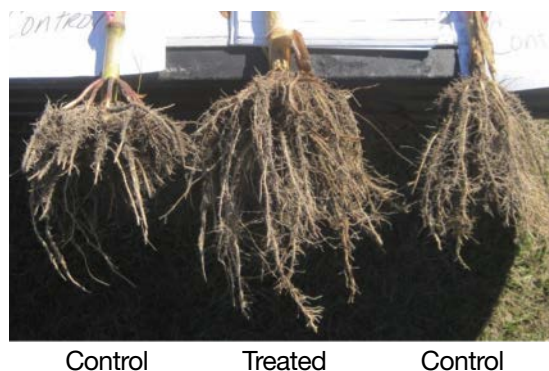
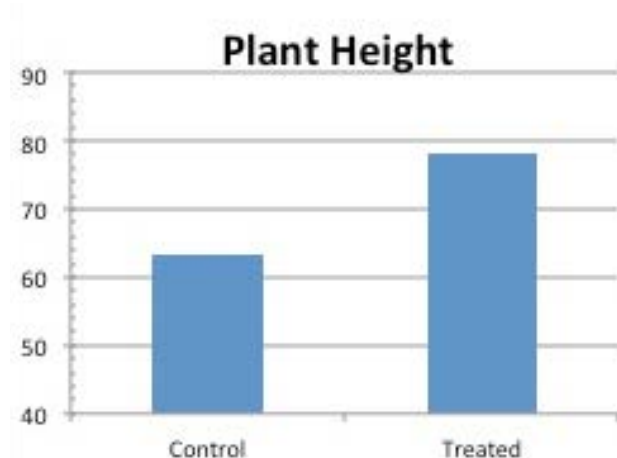
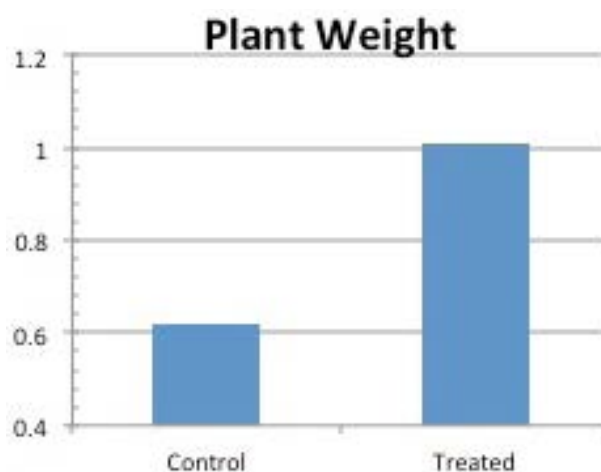
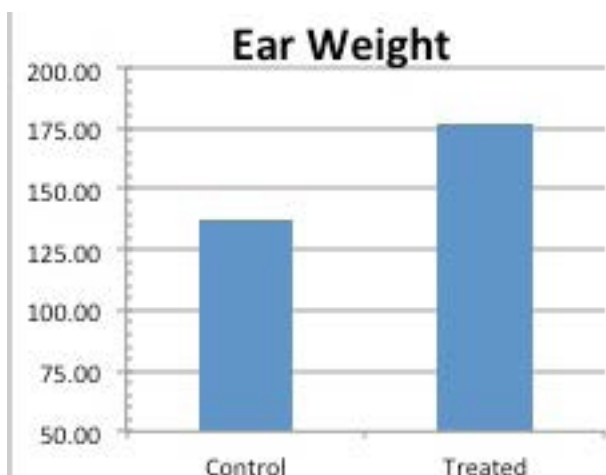


Implementation Program

The BiOWiSH™ Crop was added at the best management application rates for the crop in the region. The control plot was a blend of Urea, Ammonium Phosphate and Potassium Chloride without the BiOWiSH™ technology. The trial had four replicates for each treatment. The trial was completed by an independent third party university in the United States, University of Florida's Institute of Food and Agricultural Sciences.

Results

Measurement	Control	Treated	% Difference
Plant Height	63.15	78.03	19.07%
Ear Weight	136.80	176.53	22.50%
Plant Weight	0.62	1.01	38.61%



Conclusion

Researchers determined implementing BiOWiSH™ Crop into the fertility program improved plant vigor, enhanced growth and yield performance. They concluded that BiOWiSH™ Crop can be used to increase growers' profits.

Contacts

BiOWiSH Technologies

T: +1 312 572 6700

Email: agronomy@biowishtech.com

Web: www.biowishtech.com

Biological help for the human race



www.biowishtech.com

BiOWiSH™ is a registered trademark of BiOWiSH Technologies Inc.

Biological Help for the Human Race™