



services

equipment

machinery

drying

# BioMA

## Seed Applied Biological Organism

Seedworx™ BioMA was developed for corn and sweetcorn

### Target Use

- Large volume agricultural crops
- Large volume agricultural sector
- Unique formulation that has excellent durability & shelf life
- Compatible across large volume of other seed applied treatments

### Composition

- *Bacillus amyloliquefaciens*
- *Bacillus methylotrophicus*

### Features

- Multiple biological strains
- Increased root growth
- Boost to naturally occurring microbials
- Microbials colonize on living plant tissue
- Low use rate
- New technology adoption

### Benefits

- Provide dual threat response to product performance
- Allows more surface area for greater nutrient uptake
- Amplifies the traditional plant growth process
- Environmentally friendly
- Produce plant hormones that promote root growth and aid in stress mitigation
- Allows for easy application to seed treatment package
- Brand value

## Physical Properties

<b>Viscosity:</b>	Thick pourable liquid
<b>Form:</b>	Liquid viscous concentrate
<b>Shelf life on seed:</b>	24 months
<b>Shelf life in original container:</b>	18 months



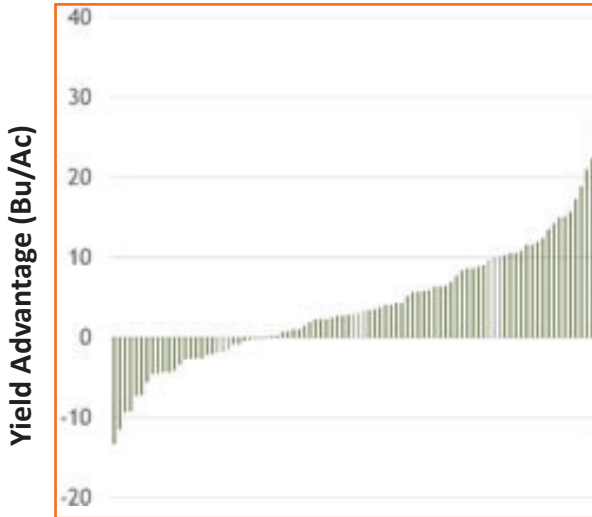


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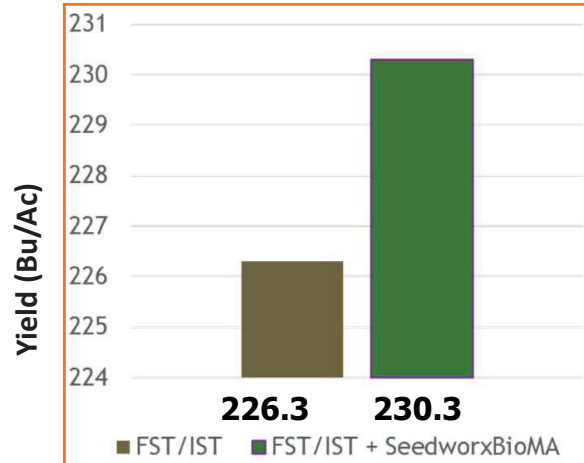
## Hybrid Seed Corn Field Evaluation Results

FST/IST vs. FST/IST + Seedworx™ BioMA (3 year data average)

**70% Consistency**



**+4.0 Bu/Ac**

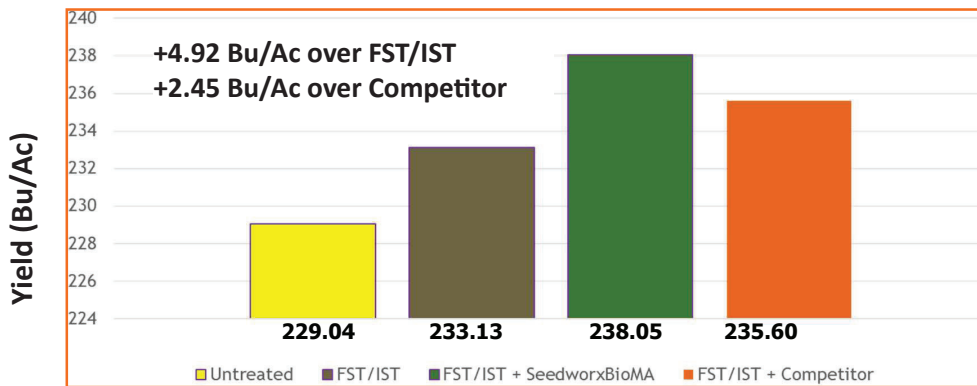


Year: 2015, 2016, 2017 Number of Reps : 418

Locations: Total – 109 (Ohio, Indiana, Illinois, Iowa, Kentucky, Missouri, Nebraska, South Dakota and Minnesota). Cooperators: All Independent

## Hybrid Seed Corn Field Evaluation Results

FST/IST vs. FST/IST + Seedworx™ BioMA (2 year data average)



Trial Year: 2016, 2017 Locations: 19 Total Midwest Locations Replications: 4 Reps/Loc: 76 Total Replications

### Best Practices

Recommended storage in a clean, dry area at ambient temperature (5°C - 30°C range). Material should be stored in original containers and kept closed when not in use. Shelf life of the product kept under these conditions in original container is considered 18 months. Shelf life on seed is considered 24 months. Seedworx™ BioMA is compatible with most FST/IST's. Recommended not to exceed 8 hours in-slurry with FST/IST's. Sequential application may be recommended for some treatment packages.

### Application Guide

This table is purely for guidance only and any mixes should be tested before any large-scale application. Once a mix has been prepared it should be used on the same day. Storage of mixtures is not recommended.