

# BiOWiSH™ Crop

## BiOWiSH™ Crop Improves Crop Yield and Restores Soil Fertility

### Benefits

- Improves crop yield
- Increases available nutrients in the soil
- Improves plant vigor
- Enhances root development
- Adds and stimulates beneficial soil biology
- Restores soil fertility
- Reduces crop water stress
- Reduces fertilizer leaching and runoff
- Simple to apply in all cropping systems
- Applications in all crop groups
- High return on investment

### Delivery Systems

- Liquid delivery ground rigs
- Center pivots
- Fertigation systems
- Drip irrigation
- Micro-irrigation
- Back pack sprayers
- ... and more!

### Compatibility

- Many common liquid fertilizers
- Glyphosate and many other common ag chemicals
- Please contact your local distributor for more information

## How BiOWiSH™ Crop Works

BiOWiSH™ Crop leverages multiple biological pathways and increases the efficiency of these natural biological processes to enhance crop yields.

BiOWiSH™ Crop products are comprised of unique naturally occurring organisms and their metabolites which are produced in proprietary multi-phase fermentation processes. These processes induce an epigenetic shift in the organisms resulting in the expression of specific attributes and generating significant performance across a broad range of application conditions. Our robust products are designed for simple and compatible application with common crop production practices.

BiOWiSH™ Crop is delivered in both a solid soluble organic and inorganic form. The products are solubilized in the field, then applied to the soil or crops by liquid delivery systems. No activation required!

### Modes of Action

- Increases available nutrients in the soil
- Enhances root development
- Adds beneficial microbes to the soil



Made in the USA



[biowishtech.com](http://biowishtech.com)

*Biological help for the human race.*



## Trials and Field Data

At BiOWiSH™, we test our products with a variety of partners to ensure and validate performance and value.

- Government institutes
- Universities
- Independent 3rd party research
- Distributors
- Growers

We also test our products:

- In different geographies
- In various environmental conditions
- With a variety of management practices
- Across different economic conditions

Partner/Client	Country	Type	Results
Helena Research	USA	Silage Corn	Increased yield per acre by 27.36%, increased profitability by \$467 per acre (\$1,153 per hectare)
Helena Research	USA	Rice	Increased yield per acre by 36.37%, increased profitability by \$743 per acre (\$1,836 per hectare)
Ohio State University	USA	Hydroponic lettuce	Increased production by 13%
Center for Applied Horticultural Research	USA	Tomato	Increased fruit yields by an average of 22%
Jilin Agricultural University	China	Rice & Maize	Increased yields by 8.1% and 7.8% in rice and maize, respectively, and improved chlorophyll and photosynthetic rates
Ohio State University	USA	Tomato	Consistently improved drought tolerance, difference from negative control significant from Dunnett's test (P<0.10)
Arise Research & Discovery, Inc.	USA	Tomato & Sweet Corn	Reduces nitrogen application in early tomato plant development/Reduces nitrogen application in early corn plant development which results in a better nutrient intake and a significant cost savings
Biovaritech	Argentina	Soybean	Yield increase of 8.2%
Biovaritech	Argentina	Corn	Yield increase of 9.5%
Univ. of Florida's Institute of Food & Ag. Sciences	USA	Corn	Increased plant weight by 38.61%



Treated with BiOWiSH™ Crop

No BiOWiSH™ Crop Applied

*At this hydroponic lettuce farm in Australia, faster growth provided an additional crop rotation per year and a significant improvement in farm profitability.*



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Biological help for the human race.

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**Agronomy**