

How BiOWiSH® Improves Your Fertilizers

At BiOWiSH Technologies, we help fertilizer manufacturers support growers and build their trust by offering powerful microbial additives that boost standard fertilizers. Our biological solutions work to shift the existing soil ecology to favor microorganisms that benefit the crops and the growers.

What can manufacturers add to their fertilizers to make them better?



BiOWiSH® Crop Liquid

BiOWiSH® Crop Liquid is coated onto solid fertilizers and fertilizer fillers or mixed with liquid fertilizers to create an enhanced efficiency fertilizer.

This powerful formula works best on granular NPKs and all liquid fertilizers. It helps farmers who use the fertilizer get an increased yield and higher return on investment.

BiOWiSH® Crop Liquid is approved for use in organic food production and is OMRI listed.

BiOWiSH® Crop Liquid Green Choice

Like BiOWiSH® Crop Liquid, BiOWiSH® Crop Liquid Green Choice is used to create an enhanced efficiency fertilizer. The unique green dye offers visual confirmation that the product has been coated evenly.

BiOWiSH® is best used on urea and ammonium sulfate to get uniformity of color. It helps ensure farmers who use the fertilizer get an increased yield and higher return on investment.



agronomy@biowishtech.com
biowishtech.com

How BiOWiSH® Improves Your Fertilizers

What benefits can BiOWiSH® offer to your customers, the growers?

- Improves crop yields
- Increases nutrient availability
- Enhances root development
- Improves plant vigor
- Stimulates microbial activity in the soil
- Improves soil productivity

How does BiOWiSH® work?

Increases plant nutrients in the soil

- Converts ammonia into less volatile nitrogen species
- Converts bound phosphorous to available phosphorous
- Produces a number of enzymes that break down complex organic molecules in soil

Adds beneficial microbes

- Promotes growth of beneficial soil microbes

Promotes root development

- Hyphal networks
- Root growth

Improves plant vigor

- Demonstrated endophytic activity
- Improves drought tolerance

Featured research studies



Rice - Helena Chemical Co.

When compared with the control, the BiOWiSH® treated plot increased yield per acre by 36.37%, increased profitability by \$743 per acre (\$1,836 per hectare) and maintained key nutrient levels in the rice.



Bok Choy - Hai Phong, Vietnam National Field Fertilizer Testing Department

BiOWiSH® Crop Liquid Green Choice coated urea was applied to bok choy in two different seasons. Despite the different seasons, the fields where the farm applied BiOWiSH® coated urea consistently resulted in better yield (as high as 21%) and increased net income (as high as an additional \$957/acre).



Wheat - Helena Chemical Co.

Helena tested the effects of BiOWiSH® Crop Liquid coated urea on wheat. When compared with the standard fertilizing practice, plots treated with BiOWiSH® achieved as much as 7% higher yield. Additionally, the BiOWiSH® maintained the soil NPK content and grain protein percent, 10% for all treatments.

All research studies are available at biowishtech.com/resources.



Address
2724 Erie Avenue, Suite C
Cincinnati, OH 45208
biowishtech.com

Contact
agronomy@biowishtech.com
P: +1 312 572 6700