



FRUITING VEGETABLES ◊ CUCURBITS ◊

BENEFITS OF USING BIOPATH

- Improved nutrient use efficiency – solubilization, uptake and utilization of applied fertilizer and nutrients in the soil bank.
- Enhanced root growth and plant vigor.
- Optimized yield potential and improved harvest quality.
- Inoculation is effective in a broad scope of environments (soil types and geographic regions).
- Ease of application – no special storage conditions and flexibility with application.

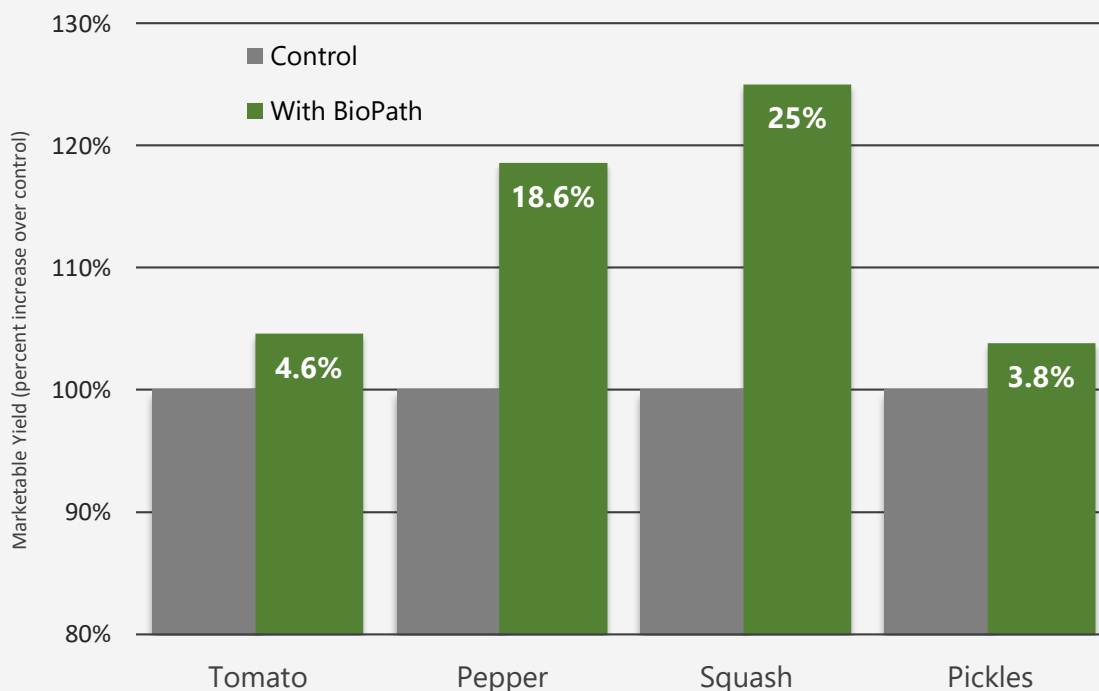
IMPROVED FERTILIZER USE EFFICIENCY AND PLANT GROWTH

BioPath is a microbial inoculant containing highly effective bioactives of PGPR – Plant Growth Promoting Rhizobacteria – that provide multiple modes of action for enhanced plant growth.

Nutrient uptake is improved by greater root volume and nutrient solubilizing enzymes and organic acids. This availability of key nutrients encourages optimal plant growth which can lend to greater leaf area, canopy development, and increased chlorophyll content.

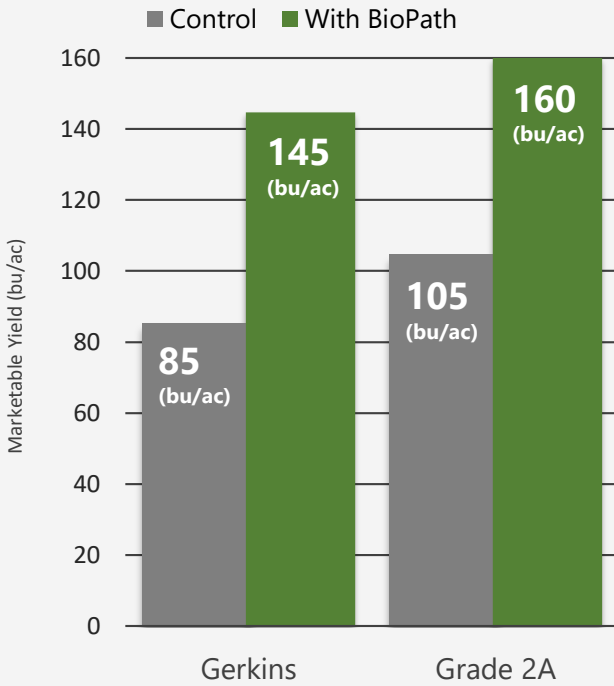
By improving fertilizer utilization and enhancing plant growth an exceptional ROI is realized – not just from the product itself, but with crop production inputs as a whole. As a result, growers optimize yield potential and improve harvest quality, positioning them to be more profitable.

BioPath® optimizes yield potential



Results obtained from (1) tomato, (2) pepper, (1) squash and (1) pickle independent third party research trials conducted in California and Florida from 2016 to 2018. All treatments received grower standard fertility. Severe nematode pressure was observed in the squash and pickle trials and became the pre-dominant limiting factor in the soil and factored into all data.

Improved harvest quality



Results obtained from independent third party research trial conducted in Florida. All treatments received grower standard fertility. Severe nematode pressure was observed and became the pre-dominant limiting factor in the soil and factored into all the data.

HOW BIOPATH® TECHNOLOGY WORKS

The bioactives in BioPath – *Bacillus subtilis*, *Bacillus methylophilus* and *Bacillus licheniformis* – produce enzymes and organic acids that improve the solubilization of fertilizer into plant available forms, and release bound nutrients.

These bioactives also promote a more robust root system and plant vigor, improving nutrient and water uptake.

This combined with enhanced nutrient use can improve photosynthetic capacity, leading to not only improved yield potential but harvest quality as well.

USE RECOMMENDATIONS

BioPath® can be applied thru drip, spray, injected or blended with liquid fertilizer. It is tank-mix compatible with most pesticides and nutrient solutions. Contact your distributor or Pathway BioLogic for a complete list of compatible products.

| Crop | At plant | Season |
|---------------------|---|--------------------------------------|
| Fruiting Vegetables | 16 to 32 oz/ac or 1:100 in transplant water | 16 oz/ac at 21 & 45 days after plant |
| Cucurbits | 16 to 32 oz/ac or 1:100 in transplant water | 16 oz/ac at 21 & 45 days after plant |

For more information about BioPath® and other Pathway microbial solutions visit our website at www.PathwayBioLogic.com or contact us direct:

Email: info@pathwaybiologic.com | Phone: 813-719-7284

Important: Always read and follow label directions. Pathway BioLogic and BioPath are trademarks of Pathway BioLogic, LLC. ©2019 Pathway BioLogic, LLC. All rights reserved.

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