



# Biological Fertilizer Complement

# BIOPATH®

NE  
Nutrient Enhancer

## THE PRODUCT

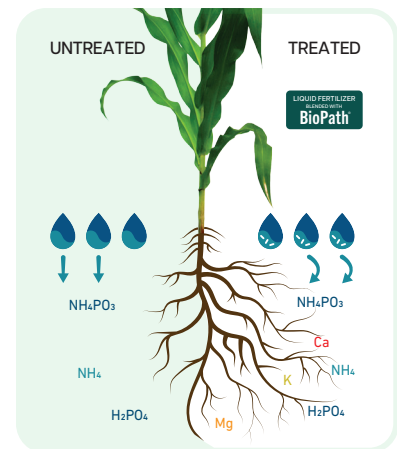
BioPath® is a biological fertilizer complement formulated with proven strains of PGPR – Plant Growth Promoting Rhizobacteria – that increases nutrient availability, uptake and utilization and improves early season plant growth and vigor, helping growers maximize ROI from production inputs. It is formulated to be blended with liquid fertilizer or tank mixed and applied via various application methods to include in-furrow, 2x2, sidedress, broadcast or through fertigation.

## FEATURES & BENEFITS

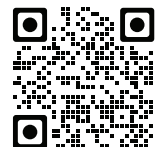
- Improves conditions for greater root mass and plant vigor
- Ease of application – no special storage conditions and flexibility with application
- Optimizes yield potential and harvest quality
- Increases ROFI - Return on Fertilizer Investment

## TECHNOLOGY AT WORK

- 1 BioPath applied at key growth stages.  
The bioactives in BioPath *Bacillus sp.* produce enzymes and organic acids that improve the solubilization of fertilizer into plant available forms and release bound nutrients.
- 2
- 3 More availability of nutrients can increase nutrient uptake, providing greater root volume and improving overall plant growth and vigor. As a result yield potential and harvest quality are optimized.



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# Technical Information

BIOPATH®

## PRODUCT PROFILE

Mode of Action	Nutrient solubilization and cycling improving nutrient availability – macronutrients and micronutrients.
Fertilizer Compatibility	Effective with a wide range of raw nutrients, blends and organic solutions. Contact a Mosaic Biosciences representative for a complete list of compatible fertilizers.
Active Ingredients Proprietary PGPR strains	<i>Bacillus subtilis</i> (2 x 10 <sup>8</sup> cfu/mL) <i>Bacillus methylotrophicus</i> (2 x 10 <sup>8</sup> cfu/mL) <i>Bacillus licheniformis</i> (1 x 10 <sup>8</sup> cfu/mL)
Formulation	Water based
Packaging	2 x 2.5 gal case, 275 gal tote
Shelf life	24 months in concentrate Up to 18 months in fertilizer

## APPLICATION

Starter / At plant	16 to 32 fl oz/acre
Sidedress or Topdress	16 to 32 fl oz/acre
Broadcast or Manure	64 fl oz/acre
Cuttings & Bare Root	32 to 64 fl oz in 50 gallons water for dipping
Greenhouse & Nursery	24 to 32 fl oz per 20,000 sq. ft. through drip or spray
Transplants	24 to 32 fl oz in 50 gallons water, apply as a drench

