

BioPath®

Biological Fertilizer Complement

THE PRODUCT

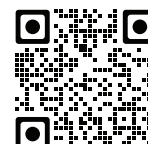
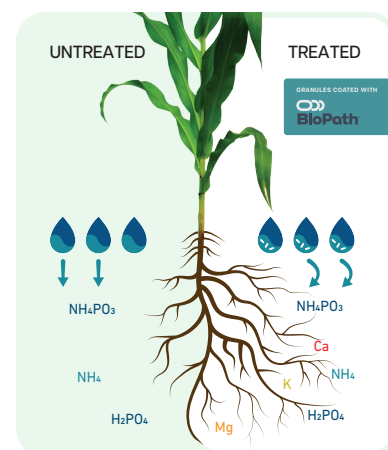
BioPath® is a biological fertilizer complement formulated with proven strains of PGPR – Plant Growth Promoting Rhizobacteria – that increases nutrient availability, uptake and utilization and improves early season plant growth and vigor, helping growers maximize ROI from production inputs. It is formulated 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.



Technical Information



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 ⁸ cfu/mL) <i>Bacillus methylotrophicus</i> (2 x 10 ⁸ cfu/mL) <i>Bacillus licheniformis</i> (1 x 10 ⁸ cfu/mL)
Formulation	Water based
Packaging	2 x 9.47 liter case, 1,041 liter tote
Shelf life	24 months in concentrate Up to 18 months in fertilizer

APPLICATION

Starter / At plant	475 to 950 mL/acre
Sidedress or Topdress	475 to 950 mL/acre
Broadcast or Manure	1,900 mL/acre
Cuttings & Bare Root	1 to 2 L in 200 liters water for dipping
Greenhouse & Nursery	750 to 1,000 mL per 2,000 sq. m. through drip or spray
Transplants	750 to 1,000 mL in 200 liters water, apply as a drench

