



BioPath[®]

Microbial Inoculant

Microbial inoculant for crop enhancement

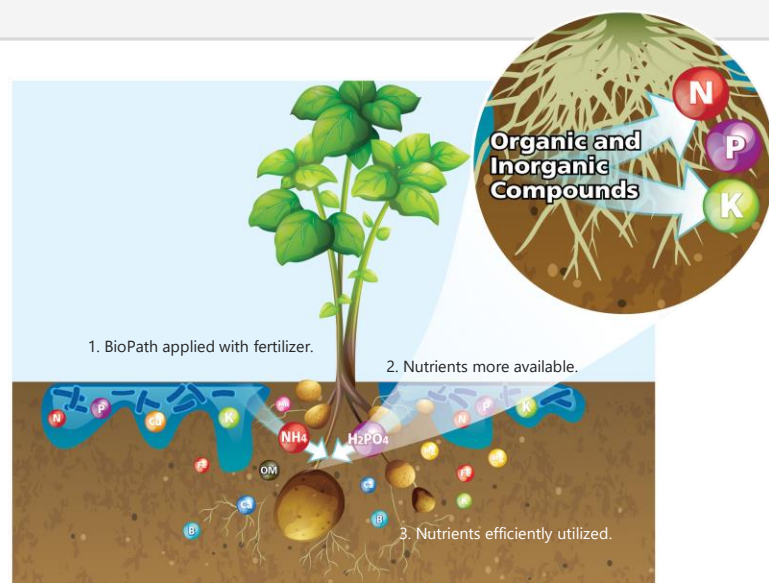
BioPath[®] is a microbial inoculant containing bioactives of PGPR – Plant Growth Promoting Rhizobacteria – that improves nutrient utilization and conditions for root growth and plant vigor, helping growers maximize ROI from production inputs. It is formulated to be blended with liquid fertilizer or tank-mixed and applied in-furrow, sidedress or broadcast.

Benefits of Using BioPath[®] in Crop Production:

- Improves nutrient use efficiency – solubilization, uptake and utilization of applied fertilizer and nutrients in the soil bank
- 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

How BioPath Technology Works:

1. BioPath applied at key growth stages.
2. 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.
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	<ul style="list-style-type: none"> Nutrient solubilization and cycling improving nutrient availability – macronutrients and micronutrients.
Fertilizer Compatibility	<ul style="list-style-type: none"> Effective with a wide range of raw nutrients, blends and organic solutions. Contact a Plant Response representative for a complete list of compatible fertilizers.
Active Ingredients – Proprietary PGPR strains	<ul style="list-style-type: none"> Bacillus subtilis (2 x 10⁸ cfu/mL) Bacillus methylotrophicus (2 x 10⁸ cfu/mL) Bacillus licheniformis (1 x 10⁸ cfu/mL)
Formulation	<ul style="list-style-type: none"> Water based
Packaging	<ul style="list-style-type: none"> 2 x 2.5 gal case, 275 gal tote
Shelf life	<ul style="list-style-type: none"> 18 months from date of manufacture

Application

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

Important: Always read and follow label directions.
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