

THE PERFECT COMPLEMENT TO FERTILIZER

PowerCoat®
BIOLOGICAL FERTILIZER COMPLEMENT

FROM



PowerCoat® is a biological fertilizer complement formulated with proven strains of PGPR – Plant Growth Promoting Rhizobacteria – that increases nutrient availability, uptake and utilization for greater plant growth and vigor, helping growers maximize ROI from fertilizer inputs.

EXPLORE POWERCOAT

Agronomic benefits

- Supports vigorous early-season crop growth and development
- Increases soil nutrient availability, uptake and utilization
- Facilitates strong root development
- Optimizes grain fill through season-long plant vigor
- Promotes soil health

Economic benefits

- Cost-effective applications
- Improves production efficiencies
- Optimizes yield potential (9.9 bu/A yield advantage when applied in conjunction with BioPath®, compared to grower standard) and improves harvest quality
- Field-proven 4.9 to 1 ROI on PowerCoat and BioPath applications

Ease of use

- Easily incorporated into most granular fertilizer programs
- Available from a trusted manufacturer, Mosaic
- Has a 24-month shelf life in concentrate, and up to 18 months on dry fertilizer
- Compatible with a wide range of raw nutrients, dry fertilizer blends and organic solutions
- Can be applied with banded or broadcast applications

FREQUENTLY ASKED QUESTIONS

How does PowerCoat work?

PowerCoat contains select, highly effective strains of spore-forming *Bacillus* bacteria (PGPR) that colonize in and around developing corn roots and promote positive plant growth responses. The select strains of *Bacillus* in PowerCoat produce organic acids and enzymes that improve the solubilization of fertilizer into plant available forms.

How is PowerCoat different from other biologicals on the market?

Intensive research and evolving science have proven that *Bacillus* is one of the most powerful partners in developing corn root systems. That's why Mosaic created a natural, effective biological specifically designed to support corn growth. Unlike other biologicals, PowerCoat is formulated with *Bacillus* strains that have been carefully screened and selected for their ability to deliver proven product performance.

How does PowerCoat fit into an operation's fertility program?

PowerCoat is compatible with most granular fertilizers, has no special storage conditions, and has a 24-month shelf-life. It also has a shelf-life of up to 18 months on dry fertilizers, ensuring that it's ready to go when your customers are.

What value does PowerCoat bring to the farm?

PowerCoat is an affordable way for growers to increase their return on fertilizer investment (ROFI). Adding PowerCoat to dry fertilizers blend helps ensure that nutrients are accessible and in plant available forms ahead of critical plant uptake periods. Better nutrient efficiency combined with greater early season corn plant growth and vigor can increase the return on fertilizer investments and optimize yield potential.

FIELD-PROVEN BENEFITS

PowerCoat has been rigorously tested across growing environments to ensure consistent performance no matter the conditions.

IMPROVES EARLY PLANT VIGOR AND NUTRIENT USE EFFICIENCY

- Increased total nutrient uptake of nitrogen, phosphorus, potassium and micronutrients.
- Improved nutrient utilization can increase ROI from fertilizer inputs and better position growers to maximize yield potential.
- Stronger, healthier plants are better equipped to handle stress.

FLEXIBLE APPLICATION

PowerCoat is easily applied to dry fertilizer.

Rate recommendations

Banded applications – 2.5 fl. oz. per acre
Broadcast applications – 5 fl. oz. per acre

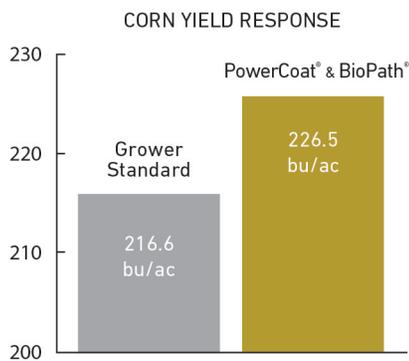
Impregnation Rate

22 to 102 oz. per 2,000 lbs.
(700 to 3,300 ml per 1,000 kg)

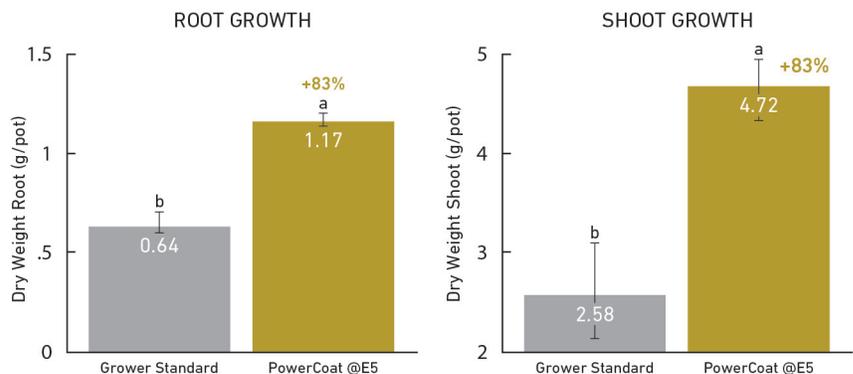
Crop Types

Corn, wheat, small grains, alfalfa and specialty crops

SMALL PLOT TRIALS*



GREENHOUSE TRIAL**



[Learn More at AmplifyYourROFI.com](https://www.amplifyyourrofi.com)

*All treatments received grower standard production inputs.

**All treatments received grower standard fertility: DAP 18-46-0 applied 55.5 lbs/ac in-furrow (2x2) at plant – equivalent to 10 lbs N/ac, 25.5 lbs P205/ac; UAN (90 lbs N/acre) at 14 DAP. PowerCoat impregnated on DAP. Media utilized was Wingate alkaline soil – pH 8.0. Means within each column with different letters differ significantly ($p < 0.10$) Trial conducted by Pathway BioLogic, Plant City, FL.