



ALFALFA ← HAY ← FORAGE ←

BENEFITS OF USING POWERCOAT

- Improved nutrient use efficiency – solubilization, uptake and utilization of applied fertilizer.
- Ease of application – effective rate of bacterial spores on impregnated fertilizer provide consistent performance.
- 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).

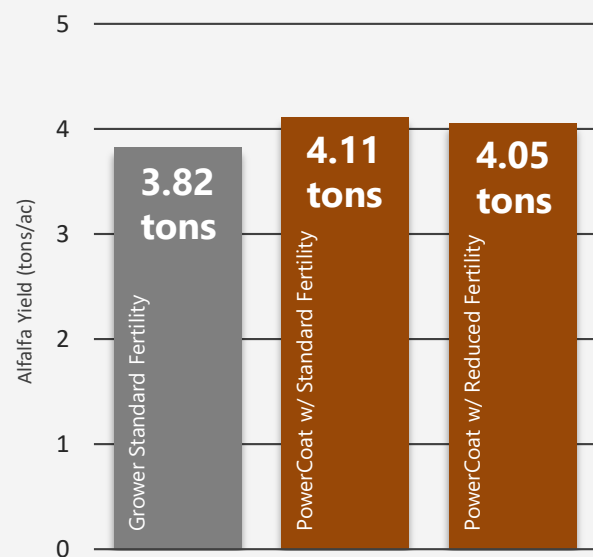
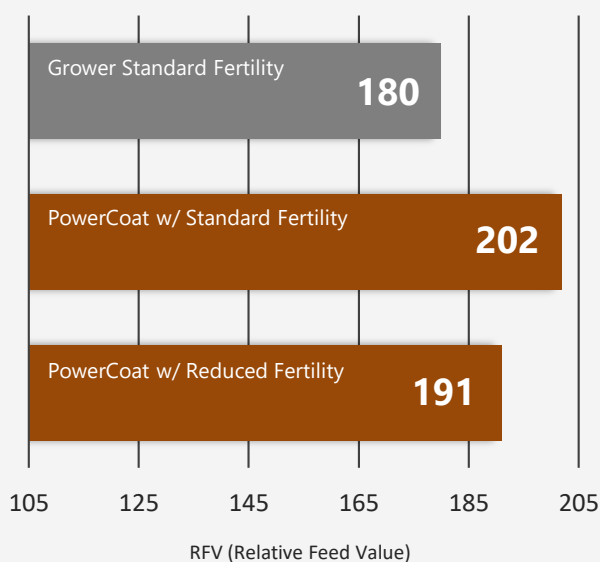
IMPROVED FERTILIZER USE EFFICIENCY AND PLANT GROWTH

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

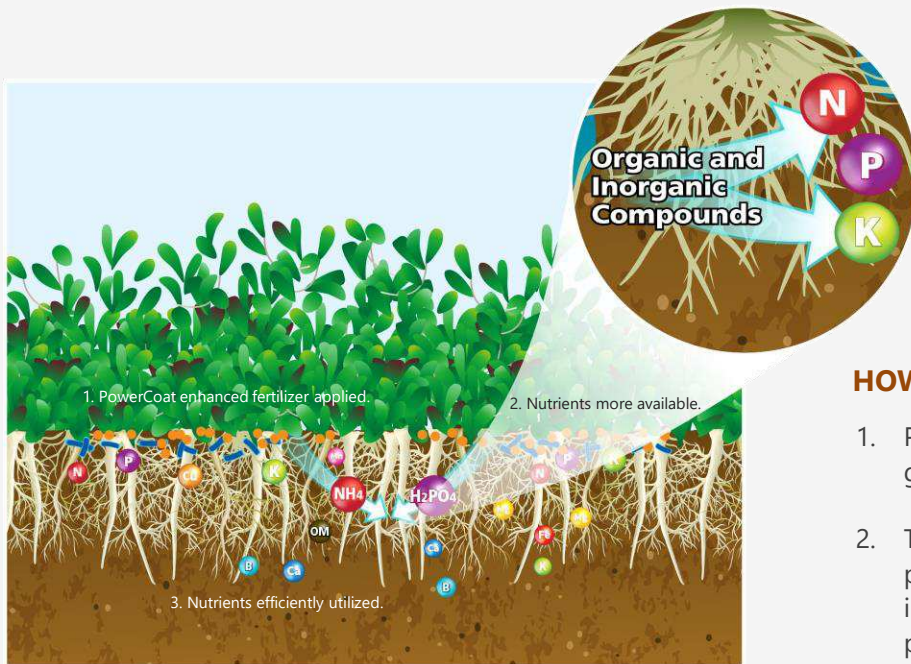
Nutrient availability is improved via nutrient solubilizing enzymes and organic acids. This availability of key nutrients encourages root growth and promotes better uptake and use of fertilizer which can lead to greater leaf area and canopy development.

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.

PowerCoat® improves harvest quality and maximizes yield potential in Alfalfa



Results reflect averages of 2 alfalfa independent third party research trials conducted in Wisconsin and South Dakota from 2016 to 2018. RFV reflects average of 6 harvest. Yield reflects annual average of 3 harvest per year. Reduced fertility equivalent to one less fertilizer application over a two year period. PowerCoat® impregnated on dry fertility.



HOW POWERCOAT® TECHNOLOGY WORKS

1. PowerCoat enhanced fertilizer applied at key growth stages.
2. The bioactives in PowerCoat – *Bacillus spp.* – produce enzymes and organic acids that improve the solubilization of fertilizer into plant available forms, and release bound nutrients.
3. Availability of key nutrients promotes a more robust root system, improving nutrient and water uptake which optimizes plant growth and yield potential.

USE RECOMMENDATIONS

PowerCoat is impregnated on bulk dry fertilizer at 85 oz/ton by fertilizer manufacturers or retailers. Contact your retailer or distributor for availability.

Alfalfa	<ul style="list-style-type: none"> • Apply PowerCoat impregnated fertilizer 5 to 7 days after 1st cut, 3rd cut, and with fall fertilizer application.
Hay	<ul style="list-style-type: none"> • Apply PowerCoat impregnated fertilizer during the normal fertilizer schedule.
Forage / Fescue	<ul style="list-style-type: none"> • Apply PowerCoat impregnated fertilizer in early spring, mid-summer, and with fall fertilizer application to enhance production for stockpiling of fescue.

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

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

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