

# PowerCoat<sup>®</sup>

Microbial Inoculant

Pathway<sup>®</sup>  
BioLogic

PATHWAY BIOLOGIC, LLC - MICROBIAL TECHNOLOGY

BLENDS

RAW NUTRIENT

ORGANICS

SYNTHETICS

AMENDMENTS

**PowerCoat<sup>®</sup>** is a consortium of polymicrobial strain PGPRs (Plant Growth Promoting Rhizobacteria) formulated to enhance bulk dry fertilizer solutions and soil amendments. The polymicrobial strains have been selected for their ability to build strong relationships with crop plants, providing a healthier environment more conducive for plant growth. Plant growth is enhanced due to the more active nature of the soil microbiome. The plant microbe relationships also provide greater opportunity for growth and increased yield.

**PATHWAY TECHNOLOGY – “It’s about species selection and formulation”**

Pathway products are unique in the agriculture industry because of our formulation technology and ability to deliver a truly effective rate of bacterial spores through a wide range of common agricultural practices. The consortium of selected bacterial spores are derived from proprietary strains of bacteria and formulated to allow for ease of application/use. This provides the grower with consistent product performance when applied at the recommended rates.

*Available in 2 x 2.5 gal case, 275 or 330 gal tote.*

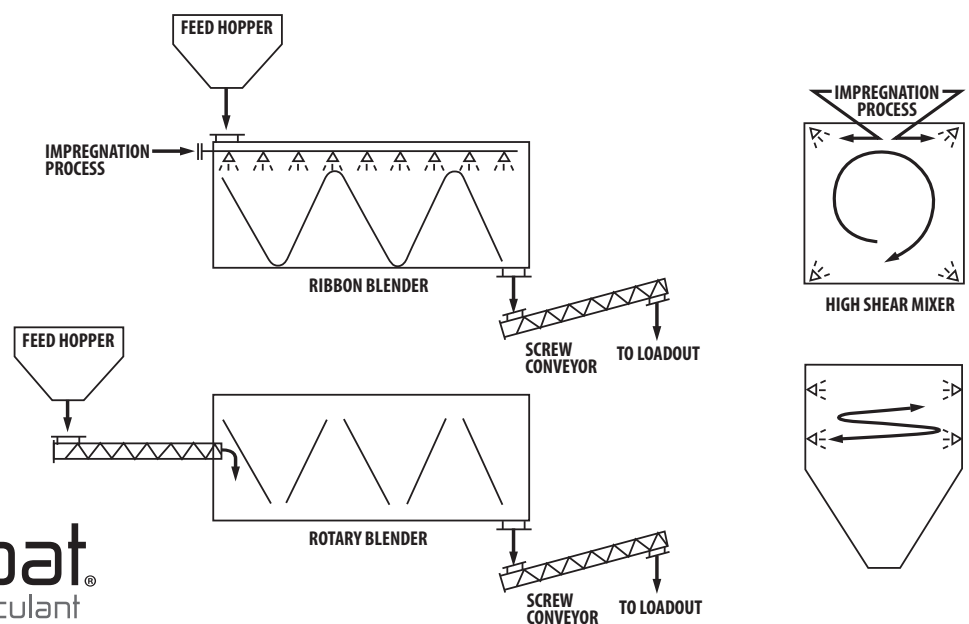
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**IMPREGNATION**

The BioCharged impregnation process must be done at a commercial fertilizer or retailer that is equipped for this type of procedure.

The Application Rate of **PowerCoat**<sup>®</sup> is 32 oz to 64 oz per ton (2000 lbs) of bulk fertilizer. The delivery nozzles must be placed inside the mixer and positioned to provide uniform spray coverage of the tumbling fertilizer. The target rate of **PowerCoat**<sup>®</sup> is a minimum of 32 oz ton and is encouraged when fertilizer is broadcast at a rate greater than 400 pounds per acre – when broadcast at 250 to 400 pounds per acre utilize 48 oz per ton – when fertilizer is broadcast at a

**IMPREGNATION OF  
PowerCoat<sup>®</sup> ON FINISHED  
FORMULATED PRODUCT**



rate equal to or less than 250 pounds per acre we encourage a minimum of 64 oz per ton. Any reduction from the rates specified above will result in reduced concentration and density of PGPR's across the finished formulated ton. Although not required, it is recommended that a dye be added to the **PowerCoat**<sup>®</sup> to differentiate the impregnated fertilizer from the non treated fertilizer. After the **PowerCoat**<sup>®</sup> has been applied to the fertilizer, continuously mix the fertilizer in the mixer for as long as needed to ensure uniform prill coverage.

Apply **PowerCoat**<sup>®</sup> impregnated fertilizer during the normal fertilizer schedule. **PowerCoat**<sup>®</sup> can be banded or broadcast at time of planting. If broadcast, a 100% overlap is recommended; non-uniform spreading may result in unsatisfactory performance.