

PRIME YOUR FERTILIZER, MAXIMIZE NUTRIENT UPTAKE

TerraTrove® Envelix® Prime™ is a dry patented **microbial nutrient enhancer**, designed to uniformly cover bulk dry fertilizer. Through uniformly coating fertilizer prills with beneficial bacteria and fungi, Envelix Prime accelerates and maximizes the release of nutrients, leading to improved nutrient availability and uptake with a faster, more effective delivery to plant roots.

The Breakdown

Beneficial Bacteria

Primed Bacillus bacteria colonizes the root zone faster to capture nitrogen while solubilizing potassium and phosphorus to become more available for the plant.

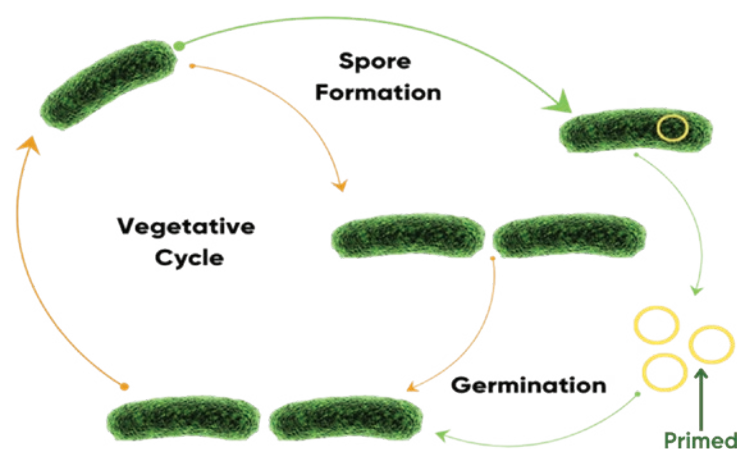
Fungal Microorganisms

Recycles organic matter into plant available nutrients.

Patented Carrier

Enables on-target delivery of beneficial microbes directly on fertilizer prill for fast acting long lasting performance.

Bacillus Lifecycle



Untreated



TerraTrove®
Envelix® Prime™



Features

- Ability to seamlessly integrate biology into MAP and DAP to maximize nutrient use efficiency.
- Contains naturally occurring Beneficial Bacterial and Fungal microorganisms designed for the most efficient utilization of NPK and locked up nutrients in the soil.
- Built on a patented carrier adhering the microorganisms to fertilizer prill.
- Promotes microbial diversity in soil and cycles nutrients, enabling increased nutrient availability and improved performance of NPK applied fertilizers in a single application.

Key Benefits

- Improves ROI On Fertilizer Investment
- Boosts Flowability & Less Bridging
- Enhances Nutrient Availability & Uptake
- Faster Acting & Longer Lasting

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FAST ACTING, LONG-LASTING ENHANCEMENT

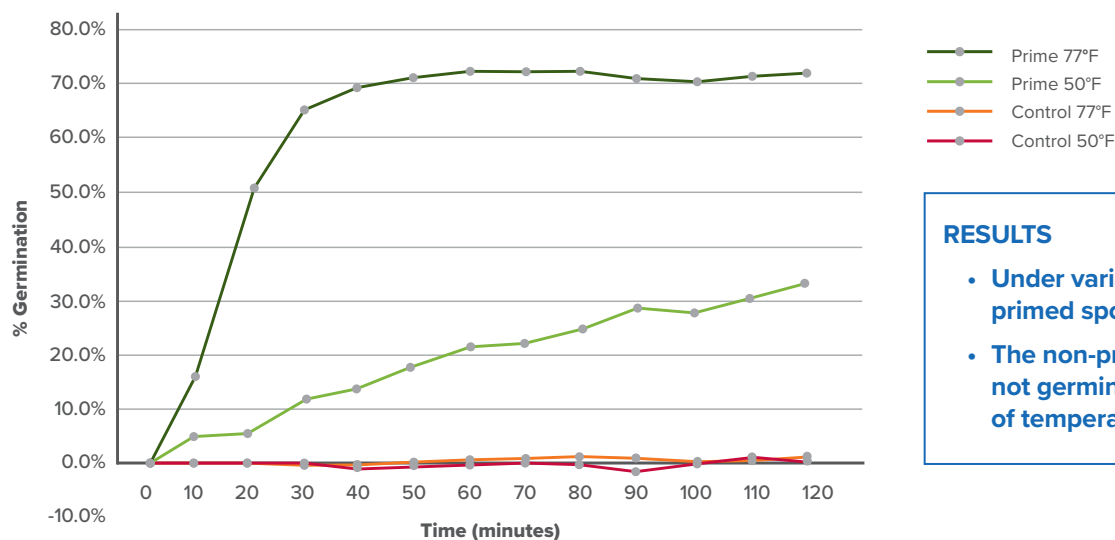
A one-of-a-kind proprietary spore priming innovation helps speed up *Bacillus* Spore Germination, enabling quicker mobilization for long-lasting resilient spores and extended performance.

- Speed of germination of *Bacillus* spores impacts how quickly beneficial biologicals impact the soil around the seed (rhizosphere).
- Best-In-Class semi-dormant strains remain viable when stored and long-lasting when applied to soil.
- Enables bacteria to be more resilient, resulting in faster-acting, consistent performance under different temperatures.

Application

- Dry blend 1.6 oz of Envelix Prime per acre of dry fertilizer or solid material.
- Do not mix with bactericides or copper compounds.
- Consult your sales representative for more specific recommendations and proper application rates.

% Germination of Control vs. Prime *B. subtilis* at 77°F, and 50°F



RESULTS

- Under variable temperatures, primed spores germinated
- The non-primed spores did not germinate regardless of temperature

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