

BM6

Beneficial *Bacillus* Blend

BIOLOGICALS

BACTERIAL INOCULANT

**Capable of Increasing the Availability
of Phosphorus and Potassium**

**Great for use on all corn, soybeans, cereal crops, cotton,
strawberries, cane berries, vegetables, leafy greens, grapes,
fruits, nuts, potatoes, horticultural, food and field crops.**

CONTAINS NON-PLANT FOOD INGREDIENT(S)

Soil Amending Guaranteed Analysis

Contains the following total *Bacillus* species

Total Concentration.....	5.0 x 10 ⁹ CFU*/g	Inert Carrier	97.4%
	*(Colony Forming Units)		
		2.5% Humic acids	
		derived from	
		Leonardite	
<i>Bacillus amyloliquefaciens</i>	750,000,000 CFU/g		
<i>Bacillus licheniformis</i>	1,250,000,000 CFU/g		
<i>Bacillus megaterium</i>	750,000,000 CFU/g		
<i>Bacillus pumilus</i>	1,000,000,000 CFU/g		
<i>Bacillus simplex</i>	750,000,000 CFU/g		
<i>Bacillus subtilis</i>	500,000,000 CFU/g		

Statement of Claims: RTI certifies that this product contains the microorganisms identified on the label at the stated count. The organisms are sensitive to environmental conditions and RTI is unable to make any guarantees beyond the statement above.

Information regarding the contents and levels of metals in this product is available on <http://www.aapfco.org/metals/html>

Warranty: Any liability expressed or implied, is limited to the purchase price of this product.

Directions for Use:

Application Rate: Apply 4-8 oz of BM6 per acre. This rate is applicable for both field application and seed treatment.

Application Methods: BM6 offers versatile application options to suit various stages of plant growth and farming practices. It can be introduced to crops and soil using the following methods:

- 1. Fertilization and Irrigation Systems:** BM6 can be applied through existing fertilization or irrigation setups.
- 2. Foliar Spray:** For direct plant benefits, BM6 can be applied as a foliar spray.
- 3. Root Dip:** Prior to planting, seedlings can be treated with a BM6 solution.
- 4. Direct Soil Application:** For targeted root zone delivery, BM6 can be applied directly to the soil in furrow at the time of planting.
- 5. Seed Treatment:** Coat seeds with BM6 before planting.

Dilution Recommendations: For optimal effectiveness, it is recommended to dilute BM6 with 10-30 gallons of water per acre.

Compatibility Guidelines: BM6 can be mixed directly with most fertilizers, herbicides, and other microbial plant root. Caution should be exercised when mixing with fungicides and pesticides, as these products may reduce the effectiveness of BM6. Always jar test for compatibility, before tank mixing BM6 with other products.

Storage & Handling: Keep BM6 in a cool, dry place away from direct sunlight. Always use gloves when handling and mixing.

General Use Information: BM6 is a fine, suspendable powder that can be applied using a variety of application methods to fit farming practices. Direct the application of BM6 on or near the seed or living plant root to allow the bacteria to contact and colonize the developing plant roots. BM6 is also effective as a foliar application when sprayed on the foliage and surrounding soil. BM6 is most effective in crops subjected to stress from marginal soils, hot and dry conditions, and where nutrient availability is constrained. When using BM6 ensure the BM6 solution remains under constant agitation during both the mixing and injecting processes.

Expiration Date:



Net Weight: 2.5 lbs / 1.14 kg

APPLICATION SCHEDULE

CORN	With Herbicide Sprays:	Apply during V4 to V6 corn growth stages.
	With Side-Dress Fertilizer Applications:	Apply during the V6 to V8 corn growth stages.
	With Foliar Fertilizer Sprays:	Apply during the tassel stage (VT) to early grain fill stages (R1-R2) of corn growth.
SOYBEANS	Early Vegetative Growth:	Apply during the V2-V4 growth stage.
	Bloom:	Apply as flowers begin to bloom.
	Pod Setting:	Apply as flowers begin to bloom.
CEREAL CROPS	Early Spring Growth:	Apply at the early tillering stage (Feekes scale 2-3).
	Before Jointing Stage:	Apply prior to the jointing stage (Feekes scale 6).
	Post Flowering:	Apply after flowering (Feekes scale 10.5.1).
COTTON	Early Vegetative Growth:	Apply when cotton has 2-3 true leaves.
	Pre-Bloom Stage:	Apply just before the onset of blooming.
	Early Boll Development:	Apply as bolls begin to form and develop.
SUGARCANE	Early Growth Stage:	Apply 4-6 weeks after planting.
	Pre-Tillering Stage:	Apply just before the tillering stage begins, approximately 8-12 weeks after planting.
	Grand Growth Phase:	Apply during the grand growth phase, when sugarcane undergoes rapid vertical growth and biomass accumulation.
LETTUCE, VEGETABLES, & ROW CROPS	Early Vegetative Growth:	Apply when plants have 2-4 true leaves (at thinning).
	Mid-Season Boost:	Apply midway through the growing season (rosette stage for lettuce).
	Pre-Harvest Boost:	Apply 10 days before harvest.
STRAWBERRIES & CANE BERRIES	At Planting:	Apply as a root dip.
	After Planting:	Apply approximately 2-3 weeks after transplant.
	Maintaining:	Inject through irrigation every 14 days. Continue through last month of harvest.
FRESAS Y BAYAS DE CAÑA	Al Momento de la Siembra:	Aplicar como baño de raíces.
	Después de Plantar:	Aplica aproximadamente 2-3 semanas después del trasplante.
	Manteniendo:	Injectar mediante riego cada 14 días. Continuar hasta el último mes de cosecha.
GRAPE VINES & ORCHARDS	Bud Break:	Apply at bud break.
	Fruit Set:	Apply after flowers have bloomed and the fruit set begins.
	Mid-Season Boost:	Apply during rapid fruit growth and development.
	Pre-Harvest Boost:	Apply 4-6 weeks before harvest.
POTATOES	Early Vegetative Growth:	Apply when plants are 6-8 inches tall.
	Pre-Tuber Initiation:	Apply just before tuber initiation (approximately 30-40 days after plant emergence).
	Tuber Bulking Stage:	Apply during the rapid tuber bulking phase.
BLUEBERRIES	Early Vegetative Growth:	Apply 4-6 weeks post-planting.
	Early Bloom Stage:	Apply at onset of bloom.
	Early Fruit Stage:	Apply during early fruit development.
	Fruit Development and Ripening:	Apply as fruit begins to ripen.