

BM6

Beneficial Bacteria Blend Plus Kelp & Humic Acid

SCIENCE WORKING WITH NATURE

BM-6 is comprised of a select group of Bacillus species in high concentration, designed to increase nutrient availability and to potentiate the plant bio-stimulant effect. This Bacillus blend possesses species that solubilize phosphorus and potassium, two of the principal components of plant nutrition.

CONTAINS THE FOLLOWING SPECIES OF

BACILLUS BACTERIA:

Total Bacillus Concentration	5.0×10^9 CFU*/g
<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 sp.</i>	750,000,000 CFU/g
<i>Bacillus subtilis</i>	500,000,000 CFU/g

*(Colony Forming Units)

NON PLANT-FOOD INGREDIENTS:

2.5% Kelp (*Ascophyllum nodosum*) (microbe food)
2.5% Humic acid derived from Leonardite

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

Net Weight: 1 lb and 5 lbs

Intended Uses: BM-6 possesses a high concentration of bacteria that when applied will increase the beneficial microbial population of soils.

Compatibility: BM-6 may be mixed with chemical fertilizers as well as other biologicals. Avoid tank mixing with copper sulfate pentahydrate, sulfur, and hydrogen peroxide type products.

APPLICATION DIRECTIONS:

OUTDOOR AGRICULTURAL PRODUCTION

Soil Application: Apply 1-6 oz. per acre. Apply BM-6 to the soil as a drench, through irrigation, at transplant or other means to move the product to the root system.
Reapply every 1-8 weeks

Foliar Application: Apply 1-6 oz. per acre. Dissolve in appropriate amount of water and apply as a foliar spray to plant leaves until wet to run off. Reapply every 7-28 days..



In Furrow Application: Apply 0.5-6 oz BM-6 per acre applied over the seed or as a side dressing during furrow application.

Hydroponic Systems: Use 1-6 oz. BM-6 per 100 gallons of tank water Dissolve into reservoir before, with or after adding nutrients. Reapply BM-6 each time reservoir water is changed.

Turf: Apply 1-6 oz. BM-6 per acre, dissolved in water, for the initial application. Apply as a foliar spray or soil application. Repeat at a rate of 8 oz. per acre every 4 weeks throughout the growing season.

Post Fumigation Application: To rebuild the microbial populations in fumigated soils, apply 1-6 oz. BM-6 per acre through irrigation directly to the area fumigated. Apply product during or just after transplant or germination. Reapply every 2-8 weeks, as needed throughout the growing season.

GREENHOUSE/ NURSERY PRODUCTION

Soil Drench: Dissolve 8 oz per 100 gallons of water and apply to soil as a normal drench (soak pot until grow media is saturated without creating runoff). Reapply every 1-8 weeks.
Foliar Spray: Dilute 8 oz. per 100 gallons and apply as a heavy spray allowing for initial run-off. Reapply every 2-8 weeks.

Soil Incorporation: Use 1-2 oz. per cubic yard of soil or growing media. Blend evenly into growing media via spray, dry blender, or any other appropriate method.

CROPS ON WHICH BM6 MAY BE USED:

Lettuce and Leafy Greens: Romaine, head lettuce, spinach, parsley, mustard greens, and other leafy vegetable crops.	Legume & Vegetable Crops: Succulent and dried beans and peas such as green, snap, shell, and Lima beans, garbanzo beans, chickpeas, soybeans, dry beans, peas, split peas, lentils, and other legumes.
Leafy Vegetables & Cole Crops: Asparagus, broccoli, Brussels sprouts, cabbage, cauliflower, celery, collards, endive, kale, kohlrabi, and other vegetable crops.	Other Crops: avocado, bananas/plantains, hops, watercress, mushrooms, ginseng, coffee, olives, and all crops grown for seed.
Fruiting Vegetables: Eggplant, sweet peppers, hot peppers, tomatoes, tomatillos, and other fruiting vegetables.	Tobacco
Cucurbit Vegetables: Cucumbers, melons, gourds, squash, cantaloupe, pumpkins, and other cucurbits.	Strawberry
Root Tuber & Bulbs Crops: Garlic, onions, potatoes, sweet potatoes, carrot, ginger, ginseng, horseradish, turnip, beets, radish, and other root-tuber/bulb crops.	Tropical Fruits: Avocado, mango, papaya, banana, pineapple, carambola, star fruit and other tropical fruits.
Herb, Spices, & Mints: Sage, rosemary, thyme, mint, peppermint, dill, basil, oregano, medicinal herbs and other herbs and spices.	
Berry Crops: Blueberries, blackberry, raspberry, loganberry, huckleberry, gooseberry, elderberry, currant, caneberry, and other berry crops – including Strawberries.	
Grape: wine grapes, table grapes, raisings, and other grape crops.	
Citrus: Orange, grapefruit, lemon, tangerine, tangelo, lime, pummelo and other citrus crops.	
Pome Fruit: Apple, crab apple, pear, and other pome fruit.	
Stone Fruit: Apricot, cherry, nectarine, peach, plum, and other stone fruit.	
Tree Nuts: Almond, pistachio, pecan, walnut, filberts, and other tree nuts.	
Nurseries, Greenhouses, Shadehouses, & Ornamentals Plants: Indoor, outdoor, and shade or other cover grown ornamental trees and shrubs, flowering plants, foliage plants, tropical plants, potted plants, potted or cut flowers, bedding plants, forestry seedlings, conifer production for reforestation, fruit trees, vegetable and other crops grown in greenhouses or nurseries.	<p>STORAGE: Store the product in a dry environment. Exposure to temperatures above 120°F / 50°C for prolonged periods is not recommended.</p> <p>SAFETY: Wear a dust mask when handling the product. Wash your hands and other exposed areas of the skin carefully after handling the product. Keep the product out of reach of children and animals.</p> <p>DECLARATION OF CLAIMS: RTI-Ag certifies that this product contains the microorganism or microorganisms identified on the label at the levels of CFU (Colony Forming Units) presented on the label. The organism(s) are sensitive to environmental conditions and RTI-Ag cannot make any guarantee beyond the previous statement.</p>
Turf Grass: turf, sod, lawns, golf courses (fairways, roughs, greens, tees), grass seed production including, but not limited to: Bluegrass, Bent grass, Bermuda grass (common & hybrid), Dichondra, Fescue, Orchard grass, Poa annua, St. Augustine grass, Ryegrass, Zoysia, mixtures, and other grasses or ornamental turf.	
Oilseed crops: Canola, castor, coconut, cotton, flax, oil palm, olive, peanut, rapeseed, safflower, sesame, sunflower, soybeans, and other oil seed crops, including those grown for seed production.	
Corn: Field corn, sweet corn, popcorn, silage corn, seed corn, and other corn crops.	

