SIGMA AgriScience

Driven by nature.
Backed by science.

SIGMA BIO

CONTAINS NON-PLANT FOOD INGREDIENT(S):

SOIL AMENDING GUARANTEED ANALYSIS

ACTIVE INGREDIENT(S):

Contains 17.0 Billion Total Beneficial Bacteria Colony Forming Units (CFU's) per Gal.

Bacillus subtilis	750,000 CFU/mL
Bacillus amyloliquefaciens	750,000 CFU/mL
Brevibacillus laterosporus	1,500,000 CFU/mL
Bacillus licheniformis	1,500,000 CFU/mL

Contains 37.8 Thousand Total Mycorrhizae / Endomycorrhiza Propagules per Gal.

Glomus intraradices	2.5 propagules/mL
Glomus etunicatum	2.5 propagules/mL
Glomus aggregatum	2.5 propagules/mL
Glomus mosseae	2.5 propagules/mL

Contains 2.8 Billion Total Trichoderma Colony Forming Units (CFU's) per Gal.

Trichoderma viride	375,000 CFU/mL
Trichoderma harzianum	375,000 CFU/mL

TOTAL OTHER INGREDIENTS (INERT): 99% (water, dextrose, clay (as carrier))

Purpose: Inoculant. Helps increase plant establishment, root absorption area, overall root biomass and utilization of soil nutrients.

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REGISTERED cdfa ORGANIC INPUT MATERIAL

SIGMA ORGANIC INPUT MATERIAL

2.5 GALLON (9.46L)

SIGMA BIO

Sigma Bio is a premium liquid biological containing soil enhancing Bacillus bacteria, Mycorrhizal fungi and Trichoderma fungi. The synergy of these biologicals act on the plant's rhizosphere and grow close to the root to promote growth. The purpose of this product is to help increase plant establishment and enhance plant growth and vigor by increasing root absorption area, overall root biomass and utilization of soil nutrients.

DIRECTIONS FOR USE:
Shake well before use. Keep cap closed when not in use. **Sigma Bio** fully dissolves in water and is suitable for use in soil applied and irrigation water applications.
In-Furrow Spray or Transplant Starter Solution: Apply as an in-furrow spray or transplant starter solution at a rate of 8 to 16 ounces per acre in sufficient water to achieve uniform application.
Post Plant Soil Drench: Apply as a targeted soil drench at a rate of 16 to 32 ounces per acre in sufficient water to achieve uniform application.
Ornamentals: Apply as a soil drench at a rate of 8 to 16 ounces per 100 gallons of water.
Turf: Apply as a soil drench at a rate of 0.20 to 0.40 ounces per 1,000 sqft (9 to 18 ounces per acre) in sufficient water to achieve uniform application.

Compatibility: DO NOT combine with fungicide, insecticide or chemical fertilizer. Add surfactants after the product has completely dissolved in the tank. If interaction of chemicals is unknown, a "jar" compatibility test is recommended.

Precautions:
- **DO NOT** use chemical fungicide for at lest 6 to 7 days before or after application of **Sigma Bio.**
- **DO NOT** apply to dry soil. Moisture is essential for viability.

SIGMA™ AgriScience

Guaranteed by:
Sigma AgriScience
2565 FM 1096, Boling, Texas 77420
281.706.8171
www.sigma-agri.com

Storage: Store in a cool, dry area. Avoid prolonged exposure to direct sunlight. | Density: 8.3 lbs/gal at 68°F. | Expiration:
Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.html
WARNING Follow SDS instructions for safety precautions and cleaning and maintaining of PPE (Personal Protective Equipment). If no such instructions for washables, use detergent and hot water. Not for human consumption. Keep out of reach of children.
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