Contact us · +1 (281) 706-8171
2565 FM 1096, Boling, TX 77420 · SigmaAgriScience.com

Sigma Bio

Inoculant

Liquid biological inoculant · Driven by nature. Backed by science.

FOR PROFESSIONAL USE ONLY

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.

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.

Net Contents: 2.5 Gallon (9.46 L)

Density: 8.3 lbs/gal at 68°F.

Guaranteed by: Sigma AgriScience, 2565 FM 1096, Boling, TX 77420

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OMRI LISTED **CDFA REGISTERED ORGANIC INPUT MATERIAL**

ORGANIC INPUT MATERIAL

DIRECTIONS FOR USE

BEFORE YOU MIX

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 sq ft (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 least 6 to 7 days before or after application of Sigma Bio.

DO NOT apply to dry soil. Moisture is essential for viability.

USE, STORAGE AND LEGAL STATEMENTS

For PROFESSIONAL USE ONLY. Store in a cool, dry area. Avoid prolonged exposure to direct sunlight.

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.

Warranty Limitations: The information contained on this label is believed to be accurate and reliable. There are no warranties that extend beyond the guaranteed analysis on the face hereof. All claims against guarantee are limited to replacement of product or refund of purchase price, or by law. The buyer and user acknowledge and assume all liability resulting from the use of this material. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller. SIGMA AGRISCIENCE DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. In no event shall SIGMA AGRISCIENCE be liable for damages resulting from the use of this product and/or any special consequential or incidental damages of any kind.