

Natural Growing

Through Biology



**TAINIO**  
**BIOLOGICALS, INC.**

BFMS® Biological Farm Management System™

**BIOGENESIS I™ NON-POLYMER**

Biological Soil Inoculant



**CONTAINS NON-PLANT FOOD INGREDIENTS**

Live beneficial soil microbes of the following types and minimum colony forming units (CFUs) per gram:

*Arthrobacter globiformis* 1X10<sup>5</sup>; *Azospirillum brasilense* 1X10<sup>6</sup>; *A. lipoferum* 1X10<sup>5</sup>; *Azotobacter chroococcum* 1X10<sup>5</sup>; *A. paspali* 1X10<sup>4</sup>; *A. vinelandii* 1X10<sup>5</sup>; *Bacillus amyloliquefaciens* 1X10<sup>6</sup>; *B. atrophaeus* 1X10<sup>5</sup>; *B. licheniformis* 1X10<sup>5</sup>; *B. megaterium* 1X10<sup>5</sup>; *B. pumilus* 1X10<sup>4</sup>; *B. subtilis* 1X10<sup>5</sup>; *B. thuringiensis* 1X10<sup>5</sup>; *Brevibacillus brevis* 1X10<sup>6</sup>; *Micrococcus luteus* 1X10<sup>5</sup>; *Pseudomonas fluorescens* 1X10<sup>5</sup>; *P. putida* 1X10<sup>6</sup>; *Rhodopseudomonas palustris* 1X10<sup>4</sup>; *Rhodospirillum rubrum* 1X10<sup>4</sup>; *Streptomyces griseus* 1X10<sup>4</sup>

99.99% Inert carrier/microbial support ingredients

APPLICATION

**Row crops**

Apply in seed row at a rate of **1 pound (454 grams/16 oz) per acre**. May be applied to the soil by aerial spraying, ground sprayer, shanked in with fertilizer liquids, by furrow or flood irrigation, hand lines or center pivot, sprinkler systems, or sprinkler or drip irrigation.

**Root dip**

For trees or plants, mix 1 pound (454 grams) of BioGenesis I NP in 20 gallons of water. Dip roots into solution and plant. For best results add 12.5 oz. of Pepzyme G (or Pepzyme Clear for organic) for every one (1) pound of BioGenesis I NP to solution and soak overnight.

**Potted plants**

Mix 1 gram per 6 inch pot into potting soil mix. Soil mix should be moderately dry. Use approximately 10 grams of BioGenesis I NP per cubic yard of soil mix.

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

**Caution:**

- Keep out of reach of children and pets.
- Do not swallow.

**Contains live soil microbes:**

- Store below 120° F.
- Keep out of direct sunlight.
- Color and density may vary.

**Manufactured & Guaranteed by**

Tainio Biologicals, Inc.  
PO Box 19185, Spokane, WA 99219  
tel. 509.747.5471 • [info@tainio.com](mailto:info@tainio.com)  
[www.tainio.com](http://www.tainio.com)

Net: \_\_\_ grams ( \_\_\_ oz) Treats: \_\_\_ acre(s) Lot: \_\_\_ Exp. Date: \_\_\_