

A soil inoculum product for establishing populations of beneficial soil microbes.

#### **DIRECTIONS:**

##### **POTTED PLANTS**

Mix 1 gram into potting soil mix of each house plant. Soil mix should be moderately dry. Each 1 gram treats soil in one 6 inch pot. Use approximately 2 grams of BioGenesis I per cubic yard of soil mix.

##### **ROW CROPS**

Apply in seed row at a rate of 1 pound (454 grams) 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 in 20 gallons of water. Dip roots into solution and plant. For best results add 12.5 oz. of Pepzyme M for every one (1) pound of BioGenesis I to solution and soak overnight.

#### **CAUTION:**

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

#### **CONTAINS LIVE SOIL MICROBES:**

- Store below 120 degrees F.
- Keep out of direct sunlight.

Information regarding the contents and levels of metals in this product is available on the internet at:

<http://www.aapfco.org/metals.htm>

## **BFMS** **BIOLOGICAL FARM MANAGEMENT SYSTEM**

# **BioGenesis I™** **NP (NON-POLYMER)** **SOIL AMENDMENT**



Manufactured By  
Tainio Tehnology & Technique, Inc.  
12102 S. Andrus Rd., Cheney, WA 99004  
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#### **CONTAINS NON-PLANTFOOD INGREDIENTS:**

45% Milk whey proteins

43% Diatomaceous earth

10% Humates from leonardite

2% Live beneficial soil microbes of the following types and minimum numbers per gram, as determined by assay methods FDA III and MEF 4.

*Arthrobacter globiformis* 1X10<sup>5</sup>

*Azospirillum lipoferum* 1X10<sup>5</sup>

*Azotobacter chroococcum* 1X10<sup>5</sup>

*Azotobacter vinelandii* 1X10<sup>5</sup>

*Bacillus amyloliquefaciens* 1X10<sup>5</sup>

*Bacillus cereus* 1X10<sup>5</sup>

*Bacillus megaterium* 1X10<sup>5</sup>

*Bacillus subtilis* 1X10<sup>5</sup>

*Micrococcus luteus* 1X10<sup>5</sup>

*Pseudomonas fluorescens* 1X10<sup>5</sup>

*Pseudomonas putida* 1X10<sup>5</sup>

*Streptomyces griseus* 1X10<sup>5</sup>

This product is made with living organisms and natural ingredients. Color and density may vary.

Net Weight: \_\_\_\_\_ grams

Treats: \_\_\_\_\_ acre(s)

Lot #: \_\_\_\_\_

Exp. date: \_\_\_\_\_



## Material Safety Data Sheet for Biogenesis I & Biogenesis INP

### Acute Oral Toxicity

Laboratory test on rabbits fed 5,010mg/Kg of body weight showed no toxic signs.

### Acute Eye Irritation

Instilled diluted liquid and dry powder of Biogenesis showed moderate discomfort, slight erythema, and copious discharge for the first hour and total clearing in 24, 48, 72 hour tests.

### Primary Skin Irritation

0.5 milliliter applied diluted in a semi-occlusive dressing showed no skin reaction after 1,2,3,4 hour exposure.

### Incompatibilities

none known

### Hazardous Combustion or Decomposition Products

no risk of combustion or decomposition into toxic products.

### Waste Disposal Method

Since the active components of Biogenesis are found naturally occurring in soils, and or lakes and ponds, the wash or rinse water can be disposed of on soil surfaces.

Triple rinse all empty containers.

Do not reuse empty containers.

Do not contaminate food, or feed by storage or disposal.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Tainio Technology & Technique, Inc. shall not be held liable for any damage resulting from handling or from contact with the above products.

Marc Tainio

Vice President of Product Technology