

BioPlex[®]

Multi Purpose Granular

ENDO-ECTO MYCORRHIZAL™

SOIL & ROOT INOCULUM

Guaranteed Analysis:

Total Nitrogen (N).....	2.00%
38% - 1.15% Water Insoluble Nitrogen	
0.45% Ammoniacal Nitrogen	
0.40% Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅).....	1.25%
Soluble Potash (K ₂ O)	1.00%

Primary and secondary nutrients derived from composted Poultry Litter

This product is tank mix compatible with most products. A compatibility test should be performed prior to use. Shake product prior to use. Maintain agitation during mixing and application. This product is intended as a supplement to a regular fertilization program and may not by itself provide all the nutrients normally required by crops or other intended plants.

NOTICE: BioPlex Organics warrants that the product conforms to its chemical description and is suitable for the purposes stated on the label when used in accordance with the directions under normal conditions of use. BioPlex Organics will not be held responsible for incidental or consequential damage resulting from the use of this product contrary to instructions or under abnormal conditions or under conditions and circumstances not reasonably foreseeable to BioPlex Organics.

WARNING: KEEP OUT OF THE REACH OF CHILDREN. DO NOT INGEST INTERNALLY. Avoid contact with skin and eyes. Wear necessary and appropriate protective clothing when using this product. Direct exposure may cause irritation to skin, eyes, and mucous membranes. In the event direct contact is made with skin, eyes, or other exposed body parts, IMMEDIATELY wash the contact area with copious amounts of clean water. Optimum storage temperatures: 40-80 degrees Fahrenheit.

* Not for use in organic crop and food production in California.

Non-Plant Food Ingredient(s):

20% - Mycorrhizae Inoculant: Contains 11,535,000 total Endo, EctoMycorrhizae spores per pound.

EctoMycorrhizae Spores per pound minimum:

Pisolithus tinctoris (5,000,000), Rhizopogon villosulus (500,000), Rhizopogon luteolus (2,000,000), Rhizopogon amylopogon (2,000,000), Rhizopogon fulvigleba (2,000,000).

EndoMycorrhizae (VAM - All @ 5,000 spores per pound minimum):

Glomus mosseae, Glomus intratadices, Glomus clarum, Glomus monosporus, Glomus deserticola, Glomus brasilianum, Glomus margarita.

20% - Mycorrhizal Feeder Substrate:

Naturally occurring paramagnetic & diamagnetic ground rock mineral powders, high nutrient content of protein and carbohydrates derived from plants and herbs plus geologically concentrated humus humates.

15% - Humic Acid:

3% - Biologicals:

Acinetobacter, Aspergillus, Basillus, Subtillus, Bacillus Thuringiensis, Bacillus Cereus, Bacillus Megatarium, Lactobacillus, Azobacter, Pseudomonas, Rhizobium Meliloti, Rhizobium Phaseoli.

4% - Kelp Extract:

Soluble Ascophyllum nodosum seaweed.

Net Wt. 25 Lbs. (11.3 kg)

Rates of Application (1 Cup = 1 Lb)

- **Ornamental "B& B" and Container Landscape Installations:** Apply at a rate of 1/4 to 1/2 cup per caliper inch trunk diameter, or each 1 gallon size container, or each 24" of plant height or spread. Containerized plants - Apply 1/4 to 1/2 cup per each "gallon size" container plant. When installing any plant, evenly distribute the inoculum as closely to roots as possible. Backfill soil and water liberally to complete installation.
- **Established Trees & Shrubs:** Drill or auger holes beginning as closely to trunk of tree or base of plant as possible, taking care to be far enough away as not to injure any woody parts of the root collar. Drill 2-3" holes to a depth of 10-15". Systematically, evenly space holes on a concentric, geometric "grid" pattern outward to 2-3 feet outside the canopy drip line. How many install sites (holes) do I drill? On average, drill 4-6 holes per caliper inch trunk diameter or "gallon size" of plant. Inoculate roots by placing 1-2 lb. of **"BioPlex Endo-Ecto Mycorrhizal Soil and Root Inoculum"** per hole. Over application will NOT be harmful to plant. To complete the job, lightly tamp and irrigate liberally when possible.
- **Ornamental Flower Beds & Gardens:** Evenly distribute **"BioPlex Endo-Ecto Mycorrhizal Soil and Root Inoculum"** across planting area at a rate of 10 LB per 1,000 sq. ft. area and work into the top 3-4" of soil.
- **New Turf Seeding, Sodding:** Evenly apply **"BioPlex Endo-Ecto Mycorrhizal Soil and Root Inoculum"** across prepared soil planting area at a rate of 3 lb. per 1,000 sq. ft.
- **Greenhouse Planting and Soil Mixtures:** Incorporate 2-5 lb. **"BioPlex Endo-Ecto Mycorrhizal Soil and Root Inoculum"** into each cubic yard of soil mixture. Mix & blend thoroughly.
- **Bare Root Planting Dip:** Add 1 cup - 1 lb. **"BioPlex Endo-Ecto Mycorrhizal Soil and Root Inoculum"** per 1,000 12 inch bare root seedlings; or, 1 cup - 1 lb. **"BioPlex Endo-Ecto Mycorrhizal Soil and Root Inoculum"** per EACH one (1) gallon hydrated **"BioPlex Advanced Polymer GEL"** dip. For enhanced stress mitigation, add **BioPlex Technical Concentrate and Plant Enhancer** per label directions.

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



114 Manheim St. | Mt Joy, PA, 17552 | 717-653-0616

Technical Assistance @ 1-800-441-3573, eMail @ bioplex@earthlink.net

