



Developed & Formulated by:  
 BioPlex Organics / Turf Chemicals Plus, Inc.  
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# BioPlex<sup>®</sup> 5-in-1 Complete<sup>™</sup> Planting Granules

Net Weight:  
**40 lbs**  
 18.14 kg  
 (2 x 20 lb Bags per Case)

## GUARANTEED ANALYSIS 2-3-2:

<b>Total Nitrogen (N)</b> .....	<b>2%</b>
1.73% Ammoniacal	
0.27% Water-Soluble Organic Nitrogen	
<b>Available Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> .....	<b>3%</b>
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>2%</b>

*Derived from composted poultry litter*

## NON-PLANT FOOD INGREDIENTS:

**10%** • **Mycorrhiza** - Contains 12 hardy EndoEctomycorrhizal Fungi providing for broad spectrum applications, enhanced moisture and nutrient uptake and a more fibrous and efficient root system. Pisolithus tinctorius (1,000,000), Rhizopogon villosulus (500,000), Rhizopogon luteolus (500,000), Rhizopogon amylopogon (500,000), Rhizopogon fulvigleba (500,000). Endomycorrhiza (VAM - All @ 1,000 spores per pound minimum). Glomus mosseae, Glomus intraradices, Glomus clarum, Glomus monosporus, Glomus deserticola, Glomus brasilianum, Gigaspora margarita.

**8%** • **Bio-Plex Transplant Concentrate** - Rich in soluble sea plant extract and humic substances to enhance root growth, stress tolerance and improve cell wall turgidity.

**10%** • **Water Holding Polymer Gel** - A Co-Polymer of Polyacrylamide to decrease potential damage and plant decline from unexpected dry conditions as well as other drought related stress symptoms.

**20%** • **Volcanic Rock Dust Crystals**- Adds porosity to soils for greater air infiltration and significantly reduces compaction characteristics.

## General Use & Rate Information

Enclosed in each 40 lb. container is an 8 oz. plastic measuring scoop (smaller package sizes have a 4 oz. scoop). This larger scoop will contain 8 oz. of product when filled to level, 4 oz. when 1/2 full. When application increments of 4 oz. are called for, it can be effectively equated to 1/2 of the large plastic scoop. Utilize the lower recommended rate (4 oz.) under normal planting conditions, higher application rate (8 oz. or more) in more difficult planting sites and conditions.

**Installation of "B&B" and Containerized Plants** - Mix BioPlex "5-in-1" Complete Planting Granules with backfill soils in area immediately surrounding rootball at a rate of 4 - 8 oz. (1/2 to 1 scoop) per EACH 1- 2 inch caliper trunk diameter, OR each 5-7 gallon size container, OR each 18-24 inch of plant height or spread.

**Turfgrass Seeding, Landscape Planting** - Surface apply "5-in-1" to bed area at 10 lb. to 25 lb. per each 1,000 sq. ft. area. Thoroughly incorporate/rototill into soils at approximately 3-4" and plant.

**Annual, Perennials, Herbs** - Spread 6-8 oz per 100 sq. ft. area, work into soils prior to planting. Side dress plants with BioPlex 8 Application ORGANIC Lawn & Land Care 6-3-2 fertilizer @ 10-15 lbs. per 1,000 sq. ft. to supply optimal nutritional elements in extended growing seasons.

**Pots & Containers** - Mix thoroughly with soil media at 7 lb. (14 full scoops full) per each 100 x 1 gallon size containers or equivalent.

**Bulk Soil Amendment** - Mix thoroughly into media at 10 lb. to 25 lb. per each 1-2 cu. yd. planting media.

**WARNING: KEEP OUT OF THE REACH OF CHILDREN. DO NOT INGEST INTERNALLY.** Avoid contact with skin and eyes. Wear 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. Optimal storage temperatures are 40-80 degrees Fahrenheit. Information regarding the contents and levels of metals in this product is available on the internet at [www.aapfco.org/metals.html](http://www.aapfco.org/metals.html)

**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.

