


  
**BioPlex™**  
**FULVIC**  
**FUSION™**  
 Bio-Nutrient &  
 Microbial Inoculant *plus* **PGIR's**

**GUARANTEED ANALYSIS:**

<b>Total Nitrogen (N)</b> .....	<b>1.0%</b>
Water Soluble Nitrogen .....	1.0%
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>1.0%</b>
Derived from: Oil Seed Extract and Sea Kelp	

**CONTAINS NON-PLANT FOOD INGREDIENT(S):**

**Rhizobial Micro-Organisms:** **10%**

<i>Bacillus amyloliquefaciens</i>	<i>1 x 10<sup>9</sup> cfu/ml</i>
<i>Bacillus subtilis</i>	<i>1 x 10<sup>9</sup> cfu/ml</i>
<i>Bacillus licheniformis</i>	<i>1 x 10<sup>9</sup> cfu/ml</i>
<i>Bacillus methylotrophicus</i>	<i>1 x 10<sup>9</sup> cfu/ml</i>
<i>Bacillus laterosporus</i>	<i>1 x 10<sup>9</sup> cfu/ml</i>

**Fulvic Acid:** **5.0%**

**Kelp:** (*Ascophyllum nodosum* and *Ecklonia maxima*) **8.0%**

**Oil Seed Extract:** **20%**

Contains 18 L-amino acid and protein: Glutamic Acid, Glycine, Alanine, Proline, Arginine, Leucine, Valine, Lysine, Serine, Phenylalanine, Aspartic Acid, Threonine, Isoleucine, Tyrosine, Histidine, Methionine, Taurine, Cystine, Tryptophan.

**Maltodextrin:** **10%**

**Molasses:** **10%**

**Silica:** **1.0%**

**Storage and Handling**

Store product in a cool, dry environment. Avoid excessive heat (40° - 95° F | 4° - 43° C), moisture, and prolonged exposure to direct sunlight. Store product in original container with cap tightly secured. If you are only utilizing a portion of the bag, be sure to secure it tightly before storing. Recycle bag or dispose of properly if recycling facility is unavailable. Wash hands thoroughly after handling product. Refer to MSDS for more details on product.

**Warranty**

BioPlex LLC (div. Turf Chemicals Plus, Inc.) warrants that this product conforms to the analysis on its label. When used in accordance with label directions, under normal conditions, this product is reasonably fit for its intended purposes. Since timing, method of application, weather, plant, and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions that are abnormal or not reasonably foreseeable.

**CAUTION:**

**Keep Out of the Reach of Children and Pets!**

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

**NET CONTENTS:**

**2.5 U.S. Gallons (9.462 L)**

## DIRECTIONS FOR USE

Application	Rate	Frequency
<b>Ornamental Installations &amp; Transplants</b> Woody, Deciduous, Conifers, Herbaceous, Palms and Large Perennials	Apply 1-2 gallons per 100 gallons (1.25 - 2.5 fl. oz. per 1 gallon of water) as a root drench as part of the final hydration protocol prior to backfilling hole; or, as a targeted soil surface root drench for established ornamental trees and shrubs. Apply diluted tank-mix at 2.0 gallon per 1" caliper trunk diameter.	After Care: Reapply every 30-45 days as a targeted root drench until plant stress symptoms abate.
<b>Flowers, Bedding Plants &amp; Ground Covers</b> Annuals, Small Perennials, Bulbs, Tubers	Apply 1-2 gallons per 100 gallons (1.25 - 2.5 fl. oz. per 1 gallon of water) as a root drench. Apply diluted tank-mix at 2-3 gallon per 1,000 sq. ft.	After Care: Reapply every 30-45 days throughout the growing season.
<b>Greenhouse &amp; Nursery Grower</b>	Pre-mix 1/2 gallon in enough water in a nurse-tank to inject @ 1:100 dilution per 20,000 sq. ft. area and apply through drip or spray. Apply to soil, growing media and/or foliage.	Reapply every 30-45 days throughout the stress related portions of the growing season.
<b>GC Greens &amp; Tees</b> Cool & Warm Season Grasses	Apply 2-4 fl. oz. per 1,000 sq. ft. in enough water to achieve thorough coverage.	Apply every 7-21 days throughout active growth cycle. For bi-weekly applications, use 2.0 fl. oz. per 1,000 sq. ft. area.
<b>GC Fairways, Lawn Care, Sports Turf</b> Cool & Warm Season Grasses	Apply 1-2 fl. oz. per 1,000 sq. ft. in enough water to achieve thorough coverage.	Fairways & Sports Turf - Apply monthly throughout active growth cycle. Lawn Care - Apply 2-4 times throughout active growth cycle.
<b>New Seeding, Over-Seeding, Sodding</b> Cool & Warm Season Grasses	Apply 2-4 fl. oz. per 1,000 sq. ft. in enough water to achieve thorough coverage.	Apply at time of seeding/overseeding/sodding every 14-28 days until established and mowed 1X.
<b>Cuttings &amp; Bare Root Liners</b>	Mix 2.5 - 5.0 fl. oz. per 1 gallon of water, gel or dip.	Apply prior to planting or sticking into trays. Once cuttings are in trays, carefully apply remaining dilution to tray.
<b>Hydro-seeding</b>	Mix 1 gallon in enough water to cover 1 acre and apply in a custom tank-mix combination.	



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**Application Rates for Turf & Ornamentals | Technical Assistance @ 1-800-441-3573, eMail @ [bioplex@earthlink.net](mailto:bioplex@earthlink.net)**