

**BioPlex**  
**BioCHAR** Bios  
 An Engineered  
 BIO-CHAR – COMPOST – SEAWEED –  
 PGIR – AXIS®

**SOIL & ROOT Zone Amendment**



**CARBON – 45 SOIL & ROOT INOCULANTS – DE – SEAWEED – HUMIC SUBSTANCE**  
*(Formulated with New Homogeneous Uni-Particle Technology)*



**Benefits:**

- Contains 29 PGIR
- Homogeneous Bonded Uni-Particle
- Contains BIOChar 88% Carbon
- Contains Endo-EctoMycorrhiza
- Contains AXIS Calcined Diatomaceous Earth
- Feeds Plant & Soil Up to 5 Years

**Applications:**

- Ornamental Installations
- Ornamental Vertical Mulching
- Turf Hydroseed Amendment
- Landscape Bed Soil Amendment
- Potting Soil Amendment
- Green - Tee - Fairway Topdressing

**PACKAGE SIZE:**  
 20 lb Bag, 2 x 20 lb Bags/Case  
**Sold by the case ONLY**

**Product Description:**

**BioPlex BioCHAR Bios PLUS PGIR™** contains high levels of CARBON and Oxygen – arguably one of the most valuable organic soil conditioners. Ornamentals, in order to grow and survive in diverse landscape outplantings, require living healthy soil that is built upon a sustainable bio-habitat within the root rhizosphere. All healthy soils are supported by a vast world of microbes and beneficial fungi: bacteria and fungi that live in or around the plant system. Microbes and fungi support plant health by increasing the availability of nutrients, and to do so on a sustainable basis, require an aerobic, microporous, bio-habitat environment. At the basic foundation of the porous bio-habitat is the Axis® Diatoms and the BioChar physical properties contained exclusively in **BioPlex BioCHAR Bios PLUS PGIR™**. Being inherently stable and very porous, it persists a longtime in the soil and therefore increases plant hydration and adsorption capacity to keep plant vegetation and root structures hydrated through periods of extreme heat and drought. In addition, with an 80% plus CARBON footprint, it neutralizes excessive soluble salt residues whether from fertilizers, the environment or ice-melters.

**BioPlex BioCHAR Bios PLUS PGIR™** fills a unique role in facilitating the long-term retention of moisture and nutrients necessary to help the critical bio-ecosystem thrive within the root rhizosphere of both TURFGRASSES and ORNAMENTALS. A sustainable bio-ecosystem is a fundamental, agronomic prerequisite required to maintain optimal plant and soil health throughout the uncertain and changing environmental conditions that greenhouse, nursery and outplanted ornamentals are routinely required to endure.

**Sustainable Plant Health and Vigor begins with BioPlex BioCHAR Bios PLUS PGIR™.**

**Formulation and Active Ingredient Profile**

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

**Active Ingredients:**

|  |  |
|--|--|
| <b>Live Beneficial Microbes</b> (Plant Metabolism).....            | <b>0.128%</b><br>(Contains 25 Different Species) |
| <b>EctoMycorrhiza #viable spores/gm</b> (Drought Tolerance) ....   | <b>1.175%</b><br>(Contains 11 Different Species) |
| <b>EndoMycorrhiza (VAM) #viable spores/gm</b> (Mineralization) ... | <b>1.697%</b><br>(Contains 9 Different Species)  |
| <b>Calcined Diatomaceous Earth (Axis®)</b> (Aeration): .....       | <b>5.0%</b>                                      |
| <b>Humic Substance</b> (Microbe Food Source):.....                 | <b>49.0%</b>                                     |
| <b>Ascopyllum nodosum Seaweed</b> (Root Growth): .....             | <b>3.0%</b><br>(Norwegian Cold Processed Source) |
| <b>BioChar (Carbon 88%)</b> (Carbon, Bio-Habitat): .....           | <b>40.0%</b>                                     |