

BioPlex[®] ORGANICS
5M BioCHAR Fertility POWER[™]
Black-Gold 5M BioCHAR L



**GREEN, HEALTHY TURFGRASS ABOVE -
 DENSE SOIL BIOMASS BELOW**

**Game-Changing, Hygroscopic, BioChar
 Delivery Technology**

At the core of **Black-Gold 5M BioCHAR L** is an ultra-fine 5-micron hygroscopic biochar particle. This engineered carrier delivers the best freshwater humic and fulvic acid via both foliar absorption and deep root infiltration, ensuring maximum biomass values to support optimal turfgrass health. Each biochar particle is infused with a rich, nutritious, humic-fulvic-carbon blend that activates the soil's microbial life and builds a living fertility system that performs above and below the turf grass surface.

WARNING: KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.
 Adverse reactions may occur in sensitive persons. May cause skin, eye and respiratory tract irritation. Wear appropriate personal protective equipment. Do Not Swallow.

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**.

NON-PLANT FOOD INGREDIENTS:

Granular Southern Yellow Pine Biochar
(Bio Habitat)..... 60%
 Leonardite Humic Acid (*Carbon*) 20%
 Fulvic Acid from North American Peat
(Cellular Metabolism) 20%
*Derived from: Soluble Processed Southern Yellow
 Pine Biochar, Leonardite Humic Acid, North
 American Peat Deposits*

IMPORTANT:

- For optimal turfgrass response, spray early morning, late afternoon, or early evening if possible.
- This product may not be applied if heavy rain is expected.
- This product may only be applied to the intended application site.

Information regarding the contents and levels of metals in this product is available on the internet at www.aaptco.org/metals.html

Net Contents: 1.0 U.S. Gallon (128 Fl. Oz.) 3.785 Liters
Net Weight: 9.95 lbs (4.51 Kg)

Rates of Application

Golf Course Greens, Tee, Fairway, Sports Turf:

BLACK-GOLD 5M BIOCHAR L GENERAL ANNUAL SPRAY APPLICATION PROTOCOL FOR STRESS PREVENTION, SPRING GREEN-UP AND OVERSEED RENOVATIONS. Apply up to a TOTAL of 0.5 - 3.0 gallons per acre per growing season. Total annual volume can be incrementally applied in 1-5 applications per year. To facilitate soil infiltration, irrigation can be applied immediately after application is completed.

BLACK-GOLD 5M BIOCHAR L SOIL AMENDMENT SUPPLEMENT WITH AERATION TOPDRESSING. Deliver up to a TOTAL of 1.0 - 4.0 gallons per acre per growing season. Total application volume can be incrementally applied in as few as 2 applications per year. Evenly apply to aerated surface area after debris is removed and before empty aeration holes are filled. If possible, overspray topdressing aggregate once evenly spread and before filling aeration holes.

Lawn Care and Residential Turfgrass Maintenance:

BLACK-GOLD 5M BIOCHAR L ANNUAL APPLICATION PROTOCOL. Deliver up to a TOTAL of 0.5 - 3 gallons per acre per growing season. Total annual volume can be incrementally applied in 1-5 applications per year. To facilitate soil infiltration, irrigation can be applied immediately after application is completed.

Applied as a Nutrient Supplement for Ornamental Deep Root Feeding:

BLACK-GOLD 5M BIOCHAR L ANNUAL APPLICATION PROTOCOL. Tank-mix 1/2 to 1 gallon per 100 gallons of water - treats 100-150 x 1" caliper trunk diameter.

Trees, Gardens, Landscape Bed Maintenance:

BLACK-GOLD 5M BIOCHAR L ANNUAL APPLICATION PROTOCOL. Tank-mix and surface soil apply 1-3 fl oz per gallon of water per each 1" Caliper trunk diameter or soil drench 2-3 fl oz per gallon of water per 1,000 sf area twice (2X) annually.

Transplant Tree and Shrub Installation:

BLACK-GOLD 5M BIOCHAR L ANNUAL APPLICATION PROTOCOL. Apply into the planting hole or onto the backfilled soil surface area and apply at a rate of 1-3 fl oz per 1" Caliper trunk diameter, or 4-6 fl oz per 1,000 SF bed area at time of transplanting. As an immediate, 30-45 day transplant after-care maintenance application, apply weekly as a foliar flood - soil surface application and tank-mix at 1.0 fl oz per gallon of water and apply as needed.

Biochar is IBI Certified - High molecular product weight and density, results in a residue in bottom of empty container. Triple rinse and dispose of container in accordance with applicable state laws.



Developed & Formulated by:

BioPlex Organics / Turf Chemicals Plus, Inc. • www.bio-plex.com

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Long Term Ornamental Summer Watering Post Transplant:

BLACK-GOLD 5M BIOCHAR L ANNUAL APPLICATION PROTOCOL. Add 1 Pint (16 fl oz) to 1 Quart (32 fl oz) per 100 gallons of water and include in transplant watering every 14-28 days as long as water hydration is required.

BEFORE EACH USE - SHAKE WELL

TANK-MIXING INSTRUCTIONS:

For optimal results, before adding **Black-Gold 5M BioChar L**, make sure that the spray tank-mix water pH does NOT EXCEED 6.8 pH level and is NOT LOWER than 6.0 pH.

Black-Gold 5M BioChar L is highly stable and will tank-mix with almost any other pesticide or liquid fertilizer. However, to ensure the best application results: (1) Fill the spray tank 1/2 with water before adding **Black-Gold 5M BioChar L**. Next, with the agitation active, continue to fill the total spray tank water level to the 3/4 mark before adding additional active ingredients to the tank-mix combination. As best practices recommend, to avoid needless disappointment, a simple 'jar' combination test, prior to tank-mixing new actives is always recommended ahead of time.

