

BioPlex[®] ORGANICS 5M BioBUILDER N

Intelligent, Encapsulated, BioCHAR Nitrogen
10-0-0 plus 10% Silica



Premium Turf Nutrition for Championship Greens!

The Amazing 5-Micron BioCHAR Advantage!

BioPlex 5M BioBUILDER N particle technology will load tank-mixed molecular chemistries and then transport them in bulk to the entire turfgrass plant. It can be effectively used alone and is highly compatible with NPK fertilizers, biostimulants, and other pesticide products.

5M BioBUILDER N technology can deliver thousands of dense nutritional chemistries and turf protection, more efficiently through both root drench and foliar leaf adhesion uptake.

IMPORTANT:

- For optimal turfgrass response, spray early morning, late afternoon, or early evening if possible.
- Do not apply if a heavy rain is expected.
- This product should be applied only to the intended application area.
- Do not apply near water, storm drains or drainage ditches.

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

GUARANTEED ANALYSIS:

Nitrogen (N)..... 10.0%
10.0% Urea Nitrogen

Derived from: Urea Nitrogen

NON-PLANT FOOD INGREDIENT(S):

Vitamin B-1 (Root Development)..... 0.50%

Non-ionic Polyether-Polymethylsiloxane
Wetting Agent (Water Infiltration) 5.0%

Soluble Silicon (Si) (Cell Wall Strength)..... 10.0%

Derived from: Colloidal Silica

SOIL AMENDING AND ACTIVE INGREDIENTS:

Southern Yellow Pine Biochar Aggregate
(Carbon, Bio-Habitat)..... 10.0%

Blackstrap Molasses (Microbe Food) 10.0%

Glycerol (Stress Resistance)..... 5.0%

Total Other Ingredients.....49.5%

Derived from: Soy Protein Hydrolysate, Southern Yellow Pine Biochar, Blackstrap Moasses.

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

Rates of Application

Greens, Tees, Fairways, Grow-in, Recovery, Spring Green-up:

Applied Monthly- Tank-mix and apply at 1-2 Gallons per Acre.

Applied Bi-Monthly- Tank-mix and apply at 0.5 to 1.0 Gallons per Acre.

Greens, Tees, Fairways, Growing Season, Sports Turf Maintenance:

Applied Monthly- Tank-mix and apply at 0.5-1.5 Gallons per Acre.

Applied Bi-Monthly- Tank-mix and apply at 0.25 to 0.75 Gallons per Acre.

Golf Course Rough, Sports Turf, Sod, Residential and Commercial Lawn Care maintenance:

Applied Monthly- Tank-mix and apply at 0.5-0.75 Gallons per Acre.

Applied Every 6-8 Weeks- Tank-mix and apply at 0.75 to 1.5 Gallons per Acre.

Transplant Tree and Shrub Installation:

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 the time of transplanting. As a 30-45 day transplant after-care maintenance application, apply bi-weekly as a foliar flood – soil surface application and tank-mix at 1.0 fl oz per Gallon of water and apply as needed.

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*.

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.

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Long Term Ornamental Summer Watering Post Transplant:

Add 1 Pint (16 fl oz) to 1 Quart (32 fl oz) per 100 gallons of water and include it in transplant watering every 14-28 days as long as manual water hydration is required.

BEFORE EACH USE - SHAKE WELL

TANK-MIXING INSTRUCTIONS:

For optimal results, before adding *BioPlex 5M BioBuilder N 10-0-0*, make sure that spray tank-mix water pH does NOT EXCEED 6.8 pH level and is NOT LOWER than 6.0 pH.

BioPlex 5M BioBuilder N 10-0-0 is highly stable and will tank-mix with almost any other pesticide or liquid fertilizer. However, to ensure the best application results: (1) Fill spray tank 1/2 with water before adding *BioPlex 5M BioBuilder N 10-0-0*. 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.



Developed & Formulated by:

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