

BioPlex®
8 Application
ORGANIC Lawn & Land Care
Homogeneous Fertilizer + Microbes + Mycorrhiza + Molasses

Contains: 25 Beneficial Plant Growth
Inducing Rhizabacteria, 12 Beneficial
Endo EctoMycorrhiza Fungi plus
5% Molasses to Feed Soil Bacteria



BioPlex 8 Application ORGANIC Lawn & Land Care fertilizer is a 100% homogeneous, all natural bio-fertilizer formulation. It has all the agronomics necessary to effectively satisfy and meet the nutritional requirements for 8 common commercial and residential soil, root and plant applications.

The ideal homogeneous particle size ranges from 1.5 to 2.0 mm size. With this type particle size distribution density, it should position this product ideally for effective use in commercial lawn care and use in all cool season fairway and sport field maintenance applications. Especially, where frequent close mowing practices promote unwanted thatch build-up. With a diverse group of 25 rhizabacteria, every application is introducing additional colonizing forming bacterial units to not only digest thatch, but build soil biotics necessary for sustainable bio-fertility 'life-cycling'. The addition of molasses, rich in polysaccharides, fuels more rapid colonization of preexisting and/or new rhizabacteria.

Endo EctoMycorrhiza, in time will inoculate root zones and add significant drought and stress tolerance.

Trees, shrubs, flowers and bed areas are all the beneficiary of this most versatile, economical bio-fertilizer. Simplify Organic Land Care today with **BioPlex 8 Application ORGANIC Lawn & Land Care** bio-fertilizer.

DIRECTIONS FOR USE:

8 Application Homogeneous TURF & ORNAMENTAL BIO-Fertilizer

LAWN CARE TURF MAINTENANCE: Apply early Spring, late Spring, early Fall at 5-7 lb per 1,000 sf - late Fall at 10 lb per 1,000 sf. Use spreader setting for **particle size of 1.5 - 2.0 mm** or call 1-800-441-3573 and request spreader setting.

FAIRWAY TURF MAINTENANCE: Apply at 7-10 lb per 1,000 sf every 45-60 days throughout active growing season for cool season, Turf Type Tall Fescue, Bermudagrass, St. Augustine and Zoysia grasses. Use spreader setting for **particle size of 1.5 - 2.0 mm**.

ATHLETIC FIELD TURF MAINTENANCE: Apply at 7-10 lb per 1,000 sf every 30-45 days throughout active growing season. Late Fall, apply at 10 lb per 1,000 sf. Use spreader setting for **particle size of 1.5 - 2.0 mm**.

ESTABLISHED TREE MAINTENANCE: Evenly spread with a hand held spreader 3-5 lb per EACH 1" caliper trunk diameter (or) EACH 12-18" of plant height or spread. Apply between tree trunk and 3-4 feet outside branch canopy drip-line. Apply Spring & Fall.

LANDSCAPE BED MAINTENANCE: Evenly apply at 7-10 lb per 1,000 sf of bed area. Use a hand held spreader for best particle distribution. For optimal plant nutrition and health, apply early Spring and early Fall.

TREE & SHRUB TRANSPLANTING: Incorporate into planting hole at 3-5 lb per EACH 1" caliper trunk diameter (or) EACH 12-18" of total plant height or spread - use the larger dimension to calculate rates of application.

NEW SEEDING: Apply at 3-5 lb per 1,000 sf and lightly incorporate into seed bed surface area prior to seed application. Use spreader setting for **particle size of 1.5 - 2.0 mm**.

HYDROSEEDING - 5,000 SF BATCH: Incorporate at 20 lb per each tank slurry batch of 4,000 - 5,000 sf targeted area.

Guaranteed Analysis 8-2-4:

Total Nitrogen (N).....	8.0%
2.0% Ammoniacal Nitrogen	
2.5% Water-Soluble Nitrogen	
*3.5% Water-Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	2.0%
Soluble Potash (K ₂ O)	4.0%
Iron (Fe).....	3.0%
Calcium (C).....	4.0%

Derived from: Aerobically composted poultry litter and feather meal.

* 3.5% Water-Insoluble Nitrogen is derived from poultry litter and feather meal.

NON-PLANT FOOD INGREDIENT(S):

Live Beneficial Microbes (BIO-Fertility) 0.5%
Determined by Assay Methods FDA III and MEF 4

Arthrobacter globiformis	1X10 ³ CFU/gram	Arthrobacter globiformis	1X10 ³ CFU/gram
Azospirillum brasilense	1X10 ³ CFU/gram	Azospirillum brasilense	1X10 ³ CFU/gram
Azospirillum lipoferum	1X10 ³ CFU/gram	Azospirillum lipoferum	1X10 ³ CFU/gram
Azotobacter chroococcum	1X10 ³ CFU/gram	Azotobacter chroococcum	1X10 ³ CFU/gram
Azotobacter paspali	1X10 ³ CFU/gram	Azotobacter paspali	1X10 ³ CFU/gram
Azotobacter vinelandii	1X10 ³ CFU/gram	Azotobacter vinelandii	1X10 ³ CFU/gram
Bacillus amyloliquefaciens	1X10 ³ CFU/gram	Bacillus amyloliquefaciens	1X10 ³ CFU/gram
Bacillus atrophaeus	1X10 ³ CFU/gram	Bacillus atrophaeus	1X10 ³ CFU/gram
Bacillus licheniformis	1X10 ³ CFU/gram	Bacillus licheniformis	1X10 ³ CFU/gram
Bacillus megaterium	1X10 ³ CFU/gram	Bacillus megaterium	1X10 ³ CFU/gram
Bacillus pumilus	1X10 ³ CFU/gram	Bacillus pumilus	1X10 ³ CFU/gram
Bacillus subtilis	1X10 ³ CFU/gram	Bacillus subtilis	1X10 ³ CFU/gram
Bacillus thuringiensis	1X10 ³ CFU/gram	Bacillus thuringiensis	1X10 ³ CFU/gram
Brevibacillus brevis	1X10 ³ CFU/gram	Brevibacillus brevis	1X10 ³ CFU/gram
Cellulomonas fimi	1X10 ³ CFU/gram	Cellulomonas fimi	1X10 ³ CFU/gram

Mycorrhiza Fungi (Plant Nutrition).....0.5%
EctoMycorrhiza 4,600 CFU/gram
EndoMycorrhiza 1,100 CFU/gram

Molasses (BIO Feeder Substrate)5.0%
Compost (BIO Feeder Substrate) 86.95%
Inert Ingredients (Filler).....7.05%

CONTAINS LIVE SOIL MICROBES: Store below 120 degrees F. Keep out of direct sunlight. Store unused dry contents in tightly sealed package.

WARNING: KEEP OUT OF THE REACH OF CHILDREN. DO NOT INGEST. 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 is between 40-80 degrees Fahrenheit.

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**.

Net Weight
20 lb. Bag (9.12 Kg)



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



114 Manheim St., Mt Joy, PA 17552 • 1-800-441-3573 • bioplex@earthlink.net • www.bio-plex.com