

BIOSOL

The 100% All-Natural Organic Fertilizer

Landscaping
and
Golf Courses

“Your prescription for richer soil, greener turf and a healthier landscape”

BIOSOL *the Natural choice in Organic Fertilizer*

If you could sum up the most important qualities in a fertilizer for your recreational or commercial landscape, what would they be?

- All Natural and Environmentally Balanced
- Promoting Healthy Soil and Plants
- Benefits Entire Landscape
- Produces Rich, Healthy Color
- Long Lasting
- Cost Effective

All Natural and Environmentally Balanced

A 100% organic, long lasting fertilizer with soil improving benefits, Biosol has a balanced nutrient ratio and supplies the plant with micro and macronutrients throughout the entire growing period. The high percentage of organic material in Biosol improves the humus content of the soil in addition to providing quality nutrients for plants. Building organic matter and humus allows soil to become active, making nutrients readily available for absorption. Without quality nutrients like nitrogen, all fertilizers are the same. Soil is enriched, root structure is strengthened and the vitality of your turf is increased, while strengthening the plants resistance against disease. Biosol lacks salt and is therefore suitable for greenhouse plants and arid/low precipitation areas. The risk of nitrate leaching is very low because of the organic fixation of nitrogen, providing the ultimate use of nutrients. Biosol is a safe and ecological fertilizer because of the selected raw materials and vitamins.

BIOSOL



Promoting Healthy Soil and Plants

In addition to being 100% natural and environmentally balanced, Biosol promotes good health for plants and soil. Biosol was developed the same way slow release vitamins were developed for humans. Biosol's slow uniform release formula will not burn seed or existing vegetation and does not require watering after the application, but water is required to start Biosol working. Nutrients are released continuously throughout the growing cycle, thereby reducing maintenance costs associated with faster-releasing fertilizers, which require numerous applications. Because of the well-balanced organic content, nutrients are more readily available for root absorption, rather than being bound in the soil or leached out. One key factor of Biosol is its ability to promote a healthy balance of microbes, insuring the long-term green color and health of your turf and plants, while controlling thatch.

Before 6-03-06



After 8-18-06



Benefits the Entire Landscape

Biosol provides a complete nutrient content needed to create healthy living soil. Healthy living soil benefits lawns, gardens, trees, shrubs and flowers. Biosol provides a very slow n-p-k, a well balanced 6:1 carbon to nitrogen ratio, beneficial bacteria which is great for turf and annuals, beneficial fungi used by perennials, trees and shrubs, and sugars for producing energy for plants. Biosol is safe to use around ponds, lakes, native wetlands and environmentally sensitive areas.

Tree Root structure is increased by the use of Biosol. Documented by G. Glatzel and J. Fuchs, Institute for Forest Ecology of the University of of Bodenkultur, Vienna.

Produces Rich, Healthy Color

If you are in the business of green, you have found the perfect product. One of Biosol's greatest strengths is its ability to generate a natural healthy green lawn, critical to turf and golf course management. Biosol users have found that customers appreciate the turfs quality and playability. Strong, healthy soil leads to less disease in your turf.

100% All Natural *Organic Fertilizer*

Composition

Biosol is the premier organic and environmentally balanced fertilizer on the market today. It is a by-product of penicillin fermentation and consists of:

- 96% fungal and bacteria mycelium - a fermentation of combined raw materials including soybean meal, cottonseed meal, sucrose, lactose, trace elements and vitamins.
- 1% Water (Biosol) 4% water (Biosol Mix)
- 3% Potassium - magnesia from a natural source (Biosol)

NUTRIENT CONTENT

BIOSOL 6-1-3

Organic Substance.....	> 70%
Carbon / Nitrogen ration.....	6:1
Nitrogen (total).....	6%
Nitrogen (water soluble).....	< 0.5%
Phosphorus (P202).....	1%
Potash (K20).....	3%
PH level.....	4

BIOSOL MIX 7-2-3

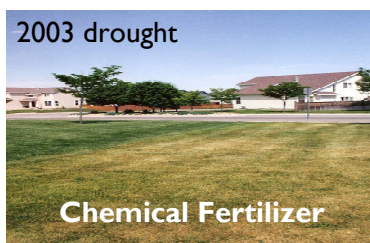
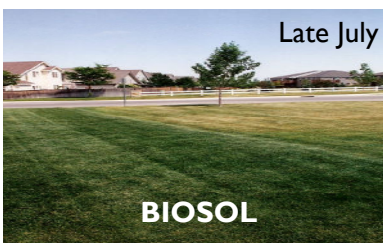
Organic Substance.....	> 80%
Carbon/Nitrogen	5:1
Nitrogen (total).....	7%
Nitrogen (water soluble).....	.0.5%
Phosphorus (P202).....	2%
Potash (K20).....	3%
PH Level.....	5

Long Lasting

With Biosol and its repeated use, you will find that you will fertilize less often and in some cases you may only have to fertilize once a year. Depending upon your application rate, Biosol promotes one to two fertilizations per year rather than the traditional one to two times per month. Biosol is constantly activating and building soil nutrients year after year.

Cost Effective

One of the primary benefits of Biosol is that it requires fewer resources. Its unusually rich blend of natural plant nutrients and vitamins requires only one to two applications per year. Fertilization programs for trees, shrubs and flowers can be reduced. We encourage you to compare annual costs, including labor, with other leading fertilizer brands, organic, synthetic or mineral.



BIOSOL is Research Proven!

- Increases the shear strength of turf
- Increases canopy of tree and shrubs
- Forms a more complex root system for plants
- Reduces ph or salt concentrations in soil
- Reduces iron chlorosis in turf
- Reduces fungal diseases in turf
- Controls nematodes in soil

www.rockymtnbioproducts.com/research_results_and_reports.htm

Usable Applications

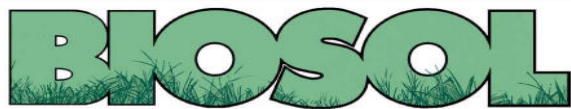
In all multiple and maintenance applications the first application should always be a little bit heavier. Biosol is a proven product for enhancing all types of landscape. Superior results have been achieved in golf courses around the world, sports fields, recreational facilities, commercial and residential lawns, gardens, flowers, trees, wood and forest cultivation, revegetation of ski runs and slopes and many different forms of agricultural farming (viticulture, silviculture, etc...). Biosol is frequently used for both primary and secondary fertilization and for stimulating soil micro-organisms. Biosol can be dry broadcast or applied with a hydroseeder.

Biosol does not contain any animal byproducts or animal waste, in fact, the metal content is within tolerance limits for animal feed. Biosol 6-1-3 is suitable for Organic Farming and is listed with OMRI (Organic Materials Review Institute).

This unique blend of nutrients enables Biosol to stimulate root development, allowing plants to fully absorb essential nutrients for longevity and maximum health.

Biosol enriches the soil, enhances the volume of positive microbial biomass, promotes the formation of humus, resulting in healthier, stronger trees, shrubs, plants and greener turf. Biosol has a harmless, typical fungal smell that disappears a few days after watering.

Biosol Mix accommodates the need for a slightly faster nitrogen release rate. In some cases this attribute, combined with a lower price, offers an attractive alternative to Biosol 6-1-3.



Application Rates

Recommended Application Rates

Golf Course Application Rates:

The lasting efficiency of Biosol is particularly advantageous. First year applications should always be the heaviest. Application rates after the first year may be reduced. Recommended application rates are:

- 2000 pounds per acre for fairways per year
- 1000 pounds in early Spring and 1000 pounds in late Fall

For rich soils, 1500 pounds per acre, one annual application in late Fall

For greens and tees, 1000 pounds per acre, three annual applications outside of the season



Lawn, Sports Turf and Landscaping Application Rates:

Recommended application rates are:

- 20 – 25 pounds per 1000 sq. ft. once a year
- 10 -13 pounds per 1000 sq. ft. twice a year (recommended)
- 44 pounds per 1000 sq. ft. for new lawn installation & renovation



Trees and Shrubs & Nursery

- Ornamental Trees and Shrubs 6 - 8 oz. (1 cup) per sq. yard (44 lbs per 1000 sq. ft.)
- Garden Preparation 1 1/3 lbs per 100 sq. ft.
- Young Trees 3 oz. per plant

Revegetation and Reclamation application rates:

- 800 - 1800 pounds per acre for primary fertilization

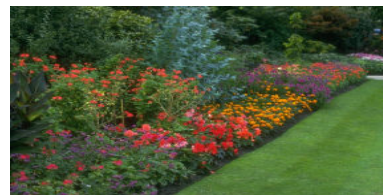
Biosol Mix is good for revegetation and reclamation areas with poor soils

Fertilize in early Spring and late Fall



BIOSOL is available in:

- 55 lb commercial bag
- 50 lb "Greens Grade" (Biosol Mix)
- 11 lb garden bag for "retail" (Biosol Mix)
- One ton bulk bags



Distribution Centers

California (Carson, Oakland, Livermore)
 Canada (Calgary)
 Colorado (Denver, Longmont, Vail Valley)
 Florida (Miami)

Idaho (Nampa)
 South Carolina (Pendleton)
 Washington (Seattle, Spokane)

(check website for an up to date list)



Rocky Mountain Bio Products Phone 303-696-8964 Fax 303-696-0620 Toll Free 888-696-8960

www.biosolusa.com (Retail) or www.rockymtnbioproducts.com (Commercial)