

BIOSOL for Landscaping

Landscapers and homeowners are confronted with a wide variety of soil conditions, irrigation, fertilizer requirements and plant variety when maintaining a property. The organic substances in Biosol promote soil health. Soil health is the capacity of soil to function within ecosystem boundaries to sustain biological productivity, maintain environmental health, promote plant growth and achieve a healthy balance of good soil microorganisms.

It is important to add a high quality, stable organic material that is going to activate and re-establish soil health to support long term plant growth for all plants. Biosol is an all-purpose, natural organic fertilizer and soil amendment. Its high quality organic nutrients, organic substances and chitin are the stable, long lasting nutrients that help build plant and soil health. The nutrients in Biosol typically do not begin to release until 30 days after application, making Biosol a true slow release product. These nutrients are the difference between Biosol and most other fertilizers on the market today.

Material Comparisons

<u>Product Benefits</u>	<u>Biosol</u>	<u>Biosol Forte</u>	<u>Poultry Manure</u>	<u>Chemical Fertilizer</u>	<u>Composted Fert/ Mix</u>	<u>Compost</u>
Positively affects soil fertility	+++	+++	+	---	--	++
Positively affects soil structure	+++	+++	+	---	--	++
Positively affects soil microorganisms	+++	+++	+	---	--	++
High content of organic matter	+++	+++	+	---	--	+
Topsoil alternative	+++	+++	--	---	-	+++
Affect on humus content	+++	+++	-	--	-	+++
Retains 3-4 times its weight in water	+++	+++	--	---	--	+++
High content of chitin	+++	+++	---	---	---	---

Rating

Very, Very Strong +++
 Very Strong ++
 Strong +

Very, Very Low ---
 Very Low --
 Low -



June 6, 2006



August 18, 2006

The unique and high concentration of organically bound nitrogen (95% – 97%) is the key to long term plant growth. Biosol's organically bound nutrients feed plants and soils during the growing season, allowing plants to utilize the nutrients when needed. These stable, organic nutrients eliminate the chance of nutrients leaching into ground water or being volatilized into the atmosphere, reducing the opportunity that weeds have to grow on your site.

Chitin is one of the essential components that separate Biosol from other fertilizers and soil amendments. It plays an important role in suppressing soil borne pathogens and plant disease, encouraging healthy plant growth. Chitin is an organic nitrogen source and a natural polymer with the ability to retain moisture and hold soil aggregates together.



With Biosol in 2006 Drought conditions



Without Biosol in 2006

It is important to remember that not all materials provide the same benefits. Using Biosol will encourage healthy soil life, plant growth and nutrient cycling for your site. This is the goal of properly treating soils for long term plant health. Biosol's high quality stable and organically bound nutrients are vital to restoring your site and will promote healthy soils and plant growth.

Apply Biosol on turf two times a year, 15 lbs per 1,000 sq. ft. in the spring and 10 lbs per 1,000 sq. ft. in the fall. For young trees, apply $\frac{3}{4}$ cup per foot of root ball and add to flower beds and gardens at one cup per sq. yard. Add Biosol to potting soil mixes at four cups per cubic yard. Other application rates are available on the label or on our website.

An environmentally safe product that is safe to be used around animals, humans and water systems, Biosol is a food grade quality product.

Let
BIOSOL
FORTE
THE ECONOMICAL WAY TO A GREENER WORLD
FIX YOUR DIRT



10801 E. 54th Avenue ▪ Denver, Colorado ▪ 80239 ▪ Ph: 303-696-8964 ▪ Fax: 303-696-0620
www.rockymtnbioproducts.com