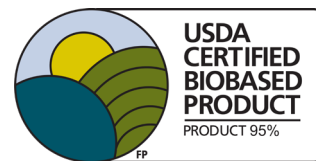


Biosol 6-1-1

Product Data Sheet



PROPERTIES OF BIOSOL 6-1-1, A NATURE-BASED SOLUTION

Biosol's beneficial fungal biomass enhances soil health and microbial life. This unique slow-release nutrient formulation provides vital plant nutrients throughout the entire growing season due to the fermented organic material. There is an increased effect on the formation of humus, root mass, and the living microbial biomass in the soils. Promoting a healthy balance of microbial life ensures the long-term plant color and plant health. This results in far lower concentrations of nitrates or phosphorous in ground water than mineral fertilizers.

Biosol is safe to be used around pets, animals, children, lakes and streams.

COMPOSITION OF BIOSOL 6-1-1

Biosol is 95% fungal biomass and 5% water.

SPECIFICATION

Nutrient Ratio: N-P-K = 6-1-1

Guaranteed Analysis:

Total Nitrogen (N)	6%
Water Soluble Nitrogen	0.50%
Water Insoluble Nitrogen*	5.50%
Available Phosphate (P_2O_5)	1%
Soluble Potash (K_2O)	1%

Nutrients Derived from Fermented Cottonseed Meal & Soybean Meal:

Organic Matter	> 93%
Carbon/Nitrogen Ratio	5:1
pH Level	4.0
Particle Size	2-3mm

**5.5% slowly available nitrogen from fermented Cottonseed Meal and Soybean Meal*

Biosol does not contain any animal by-products or any chemicals.

Any heavy metal contents are within the tolerance limits for animal feed.

MANUFACTURING OF BIOSOL 6-1-1

During the manufacture of penicillin, a fungal biomass (mycelium) is obtained by the fermentation of raw materials such as: soybean meal, cottonseed meal, sucrose, lactose, trace elements and vitamins under constant sterile conditions. The fungus strain used is *Penicillium Chrysogenum*. After the penicillin is removed, the remaining biomass is dried at 110 to 130° C for 3 to 4 hours. During this process the residual antibiotic is eliminated, and the moisture is reduced by 3 to 6%. Finally, the mixture is granulated and placed in 50-pound recyclable bags.

Biosol is OMRI listed and approved for organic farming.

Biosol is a fermented plant based organic fertilizer, sterilized and free of weed seeds.

Contact Us

10801 E. 54th Avenue, Denver, CO 80239

303.696.8960

wefixdirt.com | info@wefixdirt.com





Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

LOCATIONS & CONTACT INFO

ASP ENTERPRISES

aspent.com
salesasp@aspent.com

BOWMAN CONSTRUCTION SUPPLY

bowmanconstructionsupply.com
salesbcs@bowmanconstructionsupply.com

QUICK SUPPLY CO.

quicksupplyco.com
salesquick@quicksupplyco.com

CASCADE GEOSYNTHETICS

cascadegeos.com
salescascade@cascadegeos.com

St. Louis, MO 636.343.4357
Omaha, NE 402.861.8579
Kansas City, MO 816.554.1191
Wichita, KS 316.393.1554

Denver, CO 303.696.8960
Colorado Springs, CO 719.257.7840
Loveland, CO 970.535.0863

Des Moines, IA
515.289.1271

Portland, OR
971.339.1020

SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS