

DIGESTER SBR

Soil Biology
Restoration

Benefits of Digester SBR

INTRODUCING GOOD THINGS TO LOOSEN SOIL AND RESTORE SOIL BIOLOGY

Increases Organic Matter & Promotes Aeration in the Soil: Digester SBR contains a combination of living beneficial microorganisms that have the ability to degrade a wide variety of organic polymers such as starch, cellulose, chitin, and lignin, thereby converting dead plant tissue into valuable organic matter. It also promotes aeration in the soil (O_2) for enhanced microbial life.

Enhanced Nutrient Uptake: Digester SBR works in the lower rhizosphere of the soil, releasing soluble phosphorous for plant uptake. It frees nutrients tied up in the soil, making those nutrients available to the plant for uptake, and will hold nitrogen in the soil.

Enhanced Soil Biology: Digester SBR contains both Fulvic and Humic Acids, which chelate nutrient compounds in the soil, especially iron, into a form better suitable for plant utilization. Thus, the nutrient supply to the plants is optimized. Increases in available nutrient of up to 70% are accompanied by decreases in the use of fertilizers by as much as 30%. The result is better and healthier growth of turfgrass and ornamentals.

Increased Microbe and Bacteria Population: Digester SBR contains a source of quick carbon consumption for feeding and increasing populations of bacteria and microorganisms in the soil.

Healthier & Greener Grass: Current scientific studies show that the fertility of soil is largely determined by Humic Acid content. The high Cation Exchange Capacity (CEC) of Humic Acid, increased soil oxygen content, and above average water holding capacity are primary reasons for using Humic Acids to improve soil fertility and plant growth. The most important feature of Humic Acids lies in their ability to bind insoluble metal ions, oxides and hydroxides, and to release them slowly and continually to plants as required.



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