

Advanced BioTech

Developer of BioWorld Products

BioWorld Algae Treatment

BioWorld Algae Treatment uses a unique combination of bioenhancement compounds and mature strains of selected, naturally occurring microorganisms for the safe and natural treatment of algae.

BioWorld utilizes the following two technologies:

1. **Bioenhancement** – The special Liquid Optimizer formulation maximizes the ability of the microbes to reproduce and thrive in the water system.

2. **Bioaugmentation** – Algae Competitor Microbes consist of various microbial strains that out compete algae for the nutrients in the water. The microbes also produce enzymes that break down algae cell walls leaving other life forms unharmed. BioWorld Algae Treatment is environmentally safe, nonhazardous, non-toxic, non-corrosive, non-flammable, and non pathogenic.



Liquid Optimizer

#35014—1-gallon BioWorld Liquid Optimizer

#35064—6-gallon BioWorld Liquid Optimizer

Algae Competitor Microbes

#30086—½ pound Algae Competitor Microbes

#30055—2½ pounds Algae Competitor Microbes

Small Project Combination

#80186 Algae Treatment Unit

(Consists of 1-gallon Liquid Optimizer
& ½-pound Algae Competitor Microbes)

Composition and Physical Properties

Liquid: Bioenhancement Compounds, Vitamins, Minerals, Amino Acids, Polysaccharides, Esters, Alcohols, Oils, Proteins, Natural Liquid Enzymes, Organic Surfactants, Odor Neutralizing Compounds pH:

5.5 – 6.5

Boiling Point: 212°F/100°C

Freezing Point: 32°F / 0°C

Solubility in Water: 100%

Specific Gravity: 1.0028

Appearance & Odor: Blue-Green; Floral Scent

Dry: Selected algae competitor strains, natural enzymes on a bran carrier.

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Concentration: Maximum viable CFU/g - strain and type dependent

Form: Free Flowing Powder

Color: Light Brown

Odor: Yeast Like pH:

Neutral

Effective pH Range: 5 – 9

Effective Temperature Range: 33°– 120°F

BioWorld Algae Treatment can be safely used in irrigation systems, lakes, hydroelectric waterways, aquaculture, golf course and park ponds.