

GOgreen® Overview

GOgreen® is a proprietary liquid mixture of freshwater microalgae that contain algal species that are beneficial to plants, soils and irrigation systems.

This product can be applied directly to the surface of soils or through any irrigation system. For maximum benefit, GOgreen® should be applied at planting and throughout the crop cycle as needed.

Some of the benefits of using GOgreen® are:

1. Increased nutrient uptake for greater plant metabolism.
2. Increased nutrient absorption, which builds better root and plant structures.
3. Increased buffering capacity of soils, allowing microorganisms to function more effectively.
4. Increased sodium mitigation, which pushes soil salts away from the crop.
5. Increased suppression of undesirable algae in irrigation systems.
6. Increased reduction of soil compaction by changing a soil's aggregation profile.
7. Increased N-P-K bioavailability in the soil.



Global Organics® is the leading provider of biological nutrients to the agricultural industry, differentiated by a commitment to creating sustainable and fertile soils with enhanced plant bioactivity and development.

Through its leading agricultural division, BioFlora®, we offer an unprecedented wealth of industry knowledge, innovative processes and solutions, as well as customized products and services to all of our clients.

Driven by the Integrated Life Science Research Center, an affiliate company composed of biologists, agronomists, molecular scientists, biochemists and technicians with laboratory and field experience, product development and field research are constantly evolving. This continuous scientific exploration has yielded new and exciting products in addition to worldwide ground breaking research.

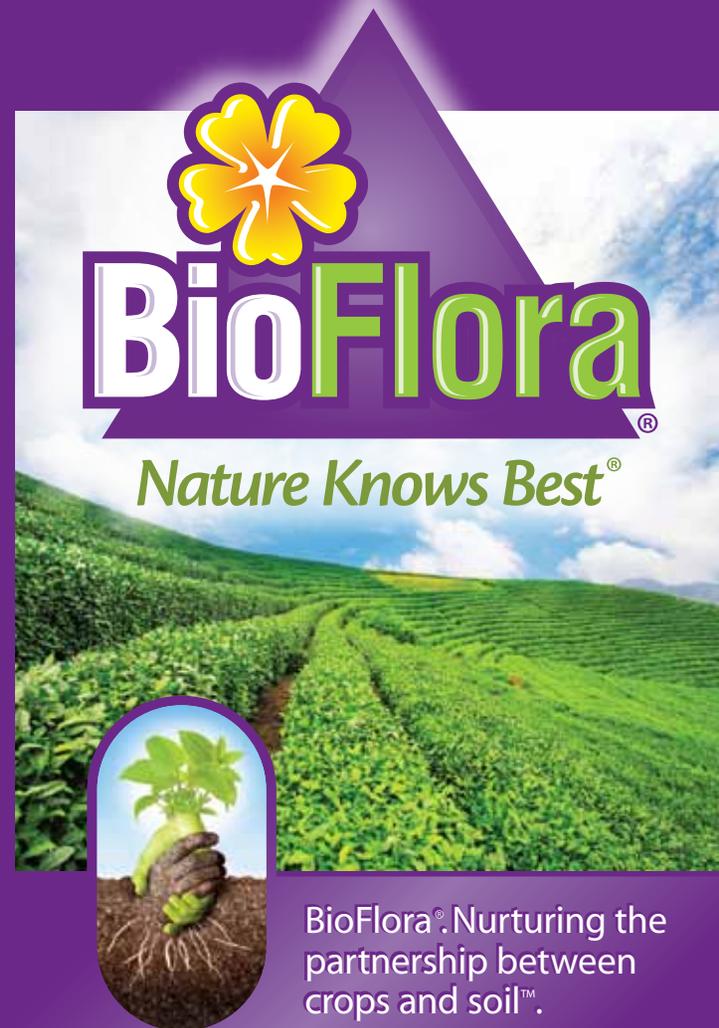
With a combined 40 years of expertise, supported with proprietary and patented technology, we are able safely innovate sustainable, environmentally friendly, agriculturally profitable, high quality products to better nurture the partnership between crops and soil.

www.globalorganicsgroup.com

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Natural Organic Soil and Water Solution



BioFlora®. Nurturing the partnership between crops and soil™.



GOgreen®

Productive crop soils contain a diverse and rich population of microorganisms. Bacteria, fungi and actinomycetes have an important role in fertile soils. However, advances in agronomy have shown that microalgae have a significant role in the soil food web as well.

Microalgae are the fourth most numerous organisms found in soils. These unicellular plants work with both soil bacteria and fungi to build a sustainable and fertile environment for crops and also aid in reducing plant stress.

GOgreen® is a proprietary liquid mixture of freshwater microalgae that include algae species in the genera *Chlorella*, *Nannochloris* and *Scenedesmus*. These single celled algal species are beneficial to soils and plants.

GOgreen® can be applied directly to the surface of soils or through any irrigation system. For maximum benefit, apply at planting and throughout the crop cycle, as needed.

Benefits of Using GOgreen®

There are several benefits to including this product into a fertilization program. GOgreen® has been shown to:

1. Uptake nutrients such as nitrogen and phosphorus in water and soil that may be inaccessible to plants. GOgreen® then produces more metabolically accessible forms of these nutrients.
2. Provide important polysaccharides, fatty acids, proteins and hydrocarbons to the soil. These materials help build root and plant structures.



Treated lettuce

Untreated lettuce

3. Increase the buffering capacity of soil allowing other microorganisms to function more effectively.

4. Bind with soil salts such as sodium. GOgreen® contains charged molecules that help push salts away from the plant.



GOgreen® pushing salt away from treated grape vines

5. Act as an autoecological succession clearing agent by creating a less favorable environment for blue-green algae, which can clog irrigation systems.



Untreated Dripline

Treated Dripline

6. Contribute to reduced soil compaction by shifting the equilibrium of the reaction between carbonic acids and bicarbonates, resulting in the production of CO₂ and a change in exchangeable sodium.

7. Increase nitrogen, phosphorus and potassium bioavailability while maintaining balance within the soil food web.

The Critical Importance of Certified Organic

All BioFlora® products are designed for organic or sustainable agriculture with several being OMRI listed under the auspices of the USDA National Organic Program (NOP). BioFlora® is also a CCOF and GLOBALG.A.P. member.

GLOBALG.A.P.
The Global Partnership for Good Agricultural Practice

