

Humega® is a Soil Additive, Not Just a Humic Acid

Humega® is comprised of many different characteristics that are not found in most other organic acid products. BioFlora® has unique manufacturing processes that utilize organic extraction methods which help sustain beneficial microorganisms.

Carbon, carbohydrates and other essential nutrients make a product that immediately starts to stimulate soil microbial activity. Within a very short time of application, soils can begin to recover from decades of over-chemicalization.

Working with Humega® will benefit any soil, anywhere in the world. It is a soil recovery product essential to conventional and sustainable growers.

Humega® is the Starting Point for All Fertility Programs

Once soil ecology is working correctly, it is significantly easier to develop a nutrient program to better meet the plant's growing needs. It all starts with the soil.

Humega® is a complimentary supplement containing the essential ingredients most needed to begin activating soils.



Humega® is available in various sizes and packaging options



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.

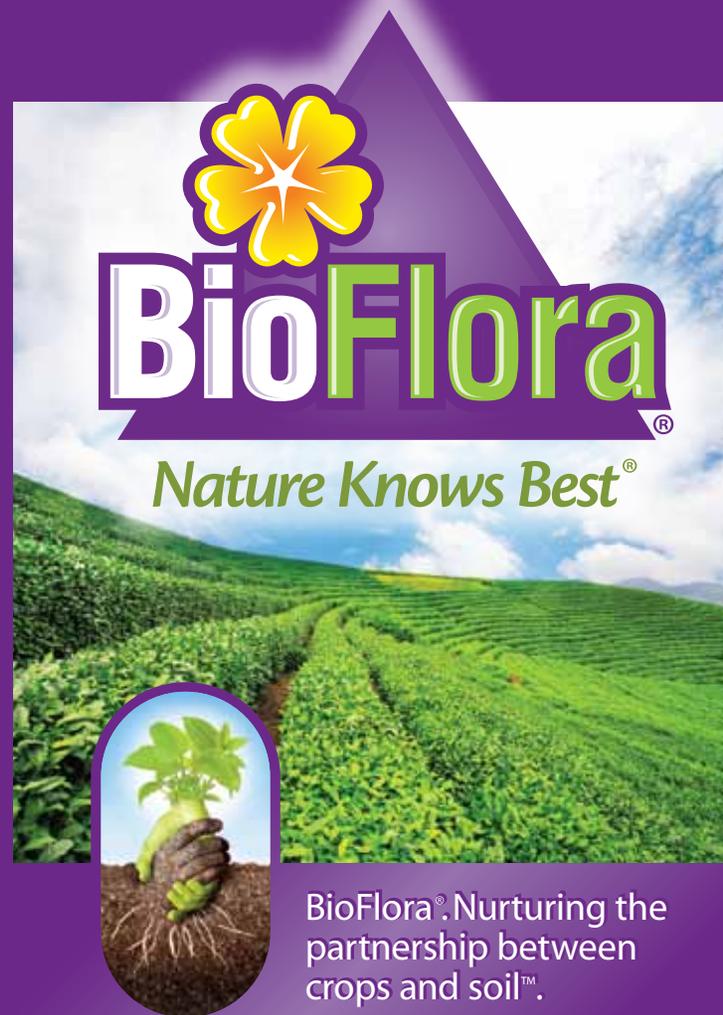
With a combined 40 years of expertise, supported with proprietary and patented technology, we are able safely innovate sustainable, environmentally friendly, agriculturally profitable, high quality products to better nurture the partnership between crops and soil.

www.globalorganicsgroup.com

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Humega®

Builds Fertile and Active Soils



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



Crop Fertility Starts with Active Soils

Reliance on synthetic, salt-based fertilizers have been slowly destroying soil microbial life and burning up soil carbon. The agricultural community has focused on chemical nutrients as the only way to increase crop yields. As a result, actual soil fertility has been decreasing around the world.

Fertile soils are active living communities populated with millions of microorganisms designed to enhance optimum plant growth. Soil carbon is essential to supply carbon dioxide for photosynthesis and plant metabolism.

When these two carbon elements are missing, plants struggle to survive as they become vulnerable to soil pathogens and other diseases. At this point, toxic chemicals used to fight diseases become part of a destructive cycle, eventually ending in dead soils.



How Humega® Can Help Your Soils

Reduces Salts – Humega® has unique characteristics that include microorganisms, a high CEC and other proprietary components with ingredients that help to mitigate the impact of soil salts on plants.



Sodic Soil



Healthy Soil

Inhibits Soil Pathogens – Numerous pathogen inhibition tests indicate that the microbial contingent of Humega® can often inhibit the destructive growth of soil borne plant pathogens like *Phytophthora*, *Botrytis*, *Sclerotium*, *Verticillium* and others.

Finding other humic acid products with naturally occurring beneficial microbiological elements will be difficult due to the unique manufacturing processes developed for this product.

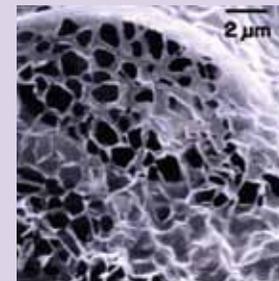


Phytophthora capsici
Control



Phytophthora capsici
with Humega®

Saves Water – Humega® has been shown in field studies to open compacted soils. Preventing runoff and holding soil moisture allows crops to grow with less water input. A university test documented high yields with a reduction of 50% of the normal water supply. Humic acid molecules can hold up to 20 times their weight in water.



Humic Acid Molecule



Water Conservation

Builds Soil Carbon – Since the atmosphere only contains 0.03% carbon dioxide, plants have to get their carbon dioxide from the soil. Microorganisms make it available from organic matter and humate supplements. Humega® adds both soil carbon and microorganisms needed for this carbon dioxide process.

Enhances N - P - K Applications – Humega® has a very high CEC rating, measured at 300 to 500 mq/gm. Applying Humega® with common fertilizer applications allows the soil to hold and store more nutrients for the plant. Normally 60% to 70% of soil nutrients leach out of the root zone or are found in runoff within a few days of a fertilizer application.

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

