



# REGENiSYS™

## Our Products

Our facilities use natural biodegrading processes found in nature to produce products for the agricultural, horticultural, and remedial industries. Our facilities are self-sustaining, utilizing the heat generated and sequestering carbon dioxide to support the cultivation of energy and nutrient rich algae. The products produced in this process contain high levels of organic carbon and bio-stimulants that support the soil nutrients plants require to thrive.



All-natural liquid soil conditioner derived from Algae and Biochar

### 0.1-1.0-2.7. GUARANTEED ANALYSIS

Total Nitrogen (N)	0.011 %
% Ammoniacal Nitrogen	<0.01 %
% Nitrate Nitrogen	0.00178 %
% Water Insoluble Nitrogen	3.41 %
% Urea Nitrogen	0
Available Phosphate (P2O5)	1.02 %
Total Potassium (K)	2.75 %
Total Carbon (C)	0.0153 %
Magnesium	26.2 ppm
Calcium	211 ppm
Sodium	2.58 %
Iron	4.01 %
Manganese	750 ppm
Copper	428 ppm
Zinc	2760 ppm
Boron	513 ppm
Humic Acids	0.79%
Fulvic Acids	1.08%

Information regarding the contents and levels of metals in this product is available at <http://www.aagptco.org/metals.htm>

**PRECAUTION:** Keep out of reach of children. May be harmful if swallowed. Avoid contact with eyes, open cuts, and sores. Wash hands after use.

**NOTICE:** Buyer assumes all responsibility of the safety and use in accordance with directions.

Produced in the USA at BioEnergy Solutions 12180 Old Venture Way #100 Columbia Falls, GA

### Available Formats:

1qt | 1G | 2.5G | 5G

Product available in larger format for large operations. Consult us at [sales@bioenergy-solutions.com](mailto:sales@bioenergy-solutions.com) for additional information regarding bulk orders.







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Our Technology transforms algae proteins into amino acids that stimulate the growth of roots, shoots, and fruits by transporting nutrients as well as creating hormones that stimulate growth. These amino acids also promote the growth of soil microorganisms that enhance micro and macro nutrients absorbed by plants.

REGENiSYS™ is an organic bio-stimulant which is produced from concentrated digest of our harvested algae. It contains high concentrations of amino acids, fatty acids, minerals, vitamins, and humates such as humic and fulvic acids. Humic and fulvic acids are key to enhance nutrient uptake and tolerance to environmental stressors.

### Benefits of REGENiSYS™

- Improves Plant Metabolism
- Promotes root and foliage development and strength
- Increases crop yield
- Increases Tolerance to Environmental Stressors
- Larger and heavier fruits
- More Efficient Nutrient Uptake
- Increases the flowering and fruit-setting
- Enhances Water Holding Capacity
- Improves Soil Fertility

### Application and Recommended Dosage

REGENiSYS™ can be used in all stages of growth when the elements contained in REGENiSYS™ are required.

This includes (but not limited to):

- Germination of seeds
- Seedlings
- Transplants
- Pre-flowering
- Fruit-setting
- Fattening

**Seed Germination:** Cover seeds in a 50% solution and soak overnight

**Seedlings & Transplants:** Dilute 1.5 cup per 1 gal of water. Place seedling and/or transplant roots in solution for 5 min before transplanting.

**Foliar:** Dilute 1.5 cup per 1 gal of water and from 3 – 6 application during the pre-flowering, fruit-setting, and fattening stages.

**Soil:** 0.5 – 1.5 gal per har and from 4 to 6 applications throughout the cycle.

For best results maintain nutrient pH between 5.5 and 6.5 with RESeT™. Adjustments may be necessary due to water quality and pH vary both regionally and seasonally.

