



REGENiCHAR™

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.



Available Formats:

12 lbs | 24 lbs

Product available in larger format for large operations.

Consult us at sales@bioenergy-solutions.com

for additional information regarding bulk orders.





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Reduction in soil carbon content has progressively declined soil quality and is a contributing factor in the continued degradation of agricultural lands. Our Technology converts cellulosic waste into a soil enhancer that can retain carbon, increase soil micro-biodiversity and enhance vegetation growth. Our process creates a fine-grained highly porous biochar that helps soils retain nutrients and water.

REGENiCHAR™ is a premium-grade biochar infused with RENEGYSiS™ and aims to restore carbon levels in the soil by containing high value organic soil amendments. This highly porous product becomes an ideal habitat for micro organism and a perfect environment for the plant's rooting zone. As the microbial populations builds with the assistant of RENEGYSiS™, plant roots systems expand and strengthen, increasing water and nutrient uptake. REGENiCHAR™ can also be added to compost to retain nutrients against leaching developed in a composting process, improving efficiency and reducing the number of field applications required.

Benefits of REGENiCHAR™

- Increase soil carbon
- Reduces nitrogen loss through gaseous emissions
- Increase soil micro-organism habitat and micro-biodiversity
- Imrpove soil fertility
- Reduce nutrient runoff
- Reduce water consumption

Soil Field Application: Till 5 – 10 Tonnes per 1 ha as soil condition requires.

Gardening: Mix with the top 3 – 6 inches of topsoil. Use a ration of 0.5 gal per cubic feet of topsoil. Mix thoroughly, taking care to break up any larger chunks.

Composting: A well balance compost can benefit from 5% - 10% of REGENiCHAR™ by volume.
A low nitrogen compost would require < 5% of REGENiCHAR by volume.
High nitrogen material (e.g. manure) can benefit from 10% to 20% by volume.

