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A healthy, high quality turf starts with a healthy and biologically diverse soil. The "Soil Food Web" includes all the bacteria, fungi, algae, protozoa, and other organisms that produce turf sustaining nutrients, antibiotics, thatch decomposers, hormones, root growth substances, natural fungicides, and activities that improve the soil.

Energy Food for the Soil Food Web

BioCarb is rich in carbon, polysaccharides, vitamins, soluble proteins, humic acids, and kelp extracts that are essential food sources for the soil food web.

- Microbes multiply faster when there is an abundant energy supply.
- Applications of BioCarb sustains a rapid microbial increase in and around the root zone.

Root Zone Enrichment

- Sugars leached into the soil profile spikes microbial enrichment of the root zone resulting in more productive root zone environments with corresponding increase in turf quality.

Results You Can See

Absorbed by the leaf, BioCarb can be directly assimilated into the photosynthesis process, resulting in a shade or two darker green color.

- This reaction occurs within hours of application and fades in a 5-10 day window.
- Excess sugars not used in photosynthesis are stored in the roots as carbohydrate reserves.

Essential For Sand Based Greens

It has been argued that sand-based profiles are deficient in carbon to support the normal microbial populations found in a healthy soil. This situation is particularly evident in newly established turf on a sand, or amended sand base. BioCarb is designed to establish a prolific soil food web.

Thatch Reduction

Regular applications increases microbial activity in the thatch as well as in the soil, resulting in production of microbes that decompose lignin and cellulose.

Crude Protein, not less than	32.00%
Total Sugar, as invert, not less than	32.00%
Dry Matter, not less than	67.00%
Vitamin A	20,000 U.S.P. Units per Pound
Vitamin D	5,440 U.S.P. Units per Pound
Vitamin E	90.8 Int'l Units per Pound
Crude Protein	32.00%
Calcium, not less than	0.50%
Potassium, not less than	2.80%
Sulfur, not less than	0.70%
Magnesium, not less than	0.20%
Copper, not less than	0.01%
Iron, not less than	0.05%
Manganese, not less than	0.01%
Zinc, not less than	0.03%

Ingredients:

Blackstrap Cane Molasses, Sulfuric Acid, Zinc Sulfate, Copper Sulfate, Manganese Sulfate, Ferrous Sulfate Monohydrate, Cobalt Sulfate, Ethylenediamine Dihydrochloride, Sodium Selenite, Vitamin A Propionate, Vitamin D3, Vitamin E (as alpha-tocopheryl acetate), Kelp, Humates.

Directions for Use Apply in a minimum 100 gallons of water per acre. For best results, apply with a tank-mix of fertilizers.

Established Turf: Initially apply 2 1/2 gallons per acre. Thereafter, apply 1 gallon per acre on a weekly schedule.

New Greens & Tees Construction: In the last 4" of root zone, apply 16 oz. per 1000 sq. ft. Till or rake into the top 4 inches.

Thatch Reduction: For accelerated reduction, apply at time of verticutting or core aeration 5 gallons per acre weekly for 3 weeks.

Conditions of Sale

The information contained in this label is believed to be accurate and reliable. Follow directions carefully. Since timing, interaction with other products, method of application, weather, plant stress and other factors are beyond the control of the seller, buyer and user acknowledge and assume all liability resulting from the use of this material.

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