



*A high quality crop begins with a biologically active Soil Food Web*

All the bacteria, fungi, algae, protozoa, and other organisms that produce crop sustaining nutrients, antibiotics, thatch decomposers, hormones, root growth substances, natural fungicides, and activities that improve the soil are known as “The Soil Food Web”.

**Energy Food for the Soil Food Web**

BioCarb Soil Food is rich in natural minerals, carbon, vitamins, polysaccharides and soluble proteins that are rich energy sources for supporting and increasing the soil food web.

- *Beneficial microbes increase faster at the expense of pathogenic microbes when there is an abundant energy supply.*

**Results You Can See**

Try an application on off-color foliage. Off-color foliage is usually an indication of poor root zones. Treated soil results in a sharp spike of beneficial root-zone microbes that is evidenced by improved foliage color.

**Create Productive Root Zones with “Chemical Factories”**

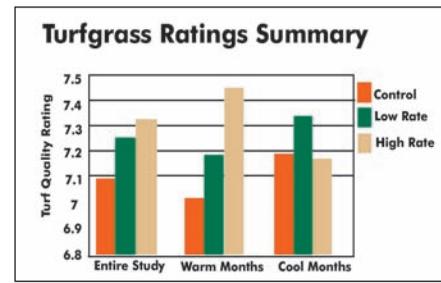
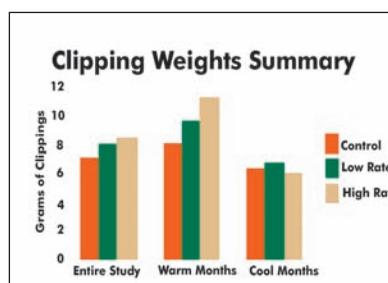
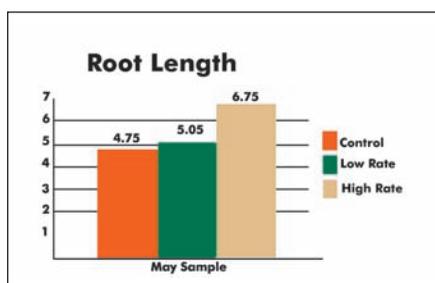
Productive Root Zones can mean the difference between an average crop and an outstanding one. The root zone is an area teaming with billions of microbes that act like *virtual chemical factories* working around the clock producing nutrients, vitamins, enzymes, natural antibiotics and fungicides, hormones and a multitude of beneficial compounds that make a quality crop possible. BioCarb supports and increases microbial activity in the root zone and soil.

**Application Opportunitites: Seed Treatment, In the Drill, Pop-Up Fertilizers, Liquid Fertilizers, Herbicide, Insecticides, Foliar Nutrients**

There are many windows of opportunity for the crop to benefit from BioCarb. The more applications to the soil, the richer it will become. Seed treatments will have a safe, fertile area for germination; root zones are enriched when included in the drill or with pop-up fertilizer; acts as a sticker when used with herbicides and insecticides; foliage takes on a darker green when applied with foliar nutrients.

**University Results**

In a year long study the University of Florida found BioCarb to enhance turf quality in three significant areas.



APPLICATIONS	RATES & TIMING
Seed Treatment	One gallon per 100 gal. water to thoroughly wet seeds.
With Soil Applied Fertilizers	Apply 1-2 gallons per acre
Tank Mixes with Herbicides, Insecticides or Foliar Nutrients	Apply 1-2 gallons per acre tank-mixed with pesticides or foliar nutrients. Blend last in order of additions to tank.

