

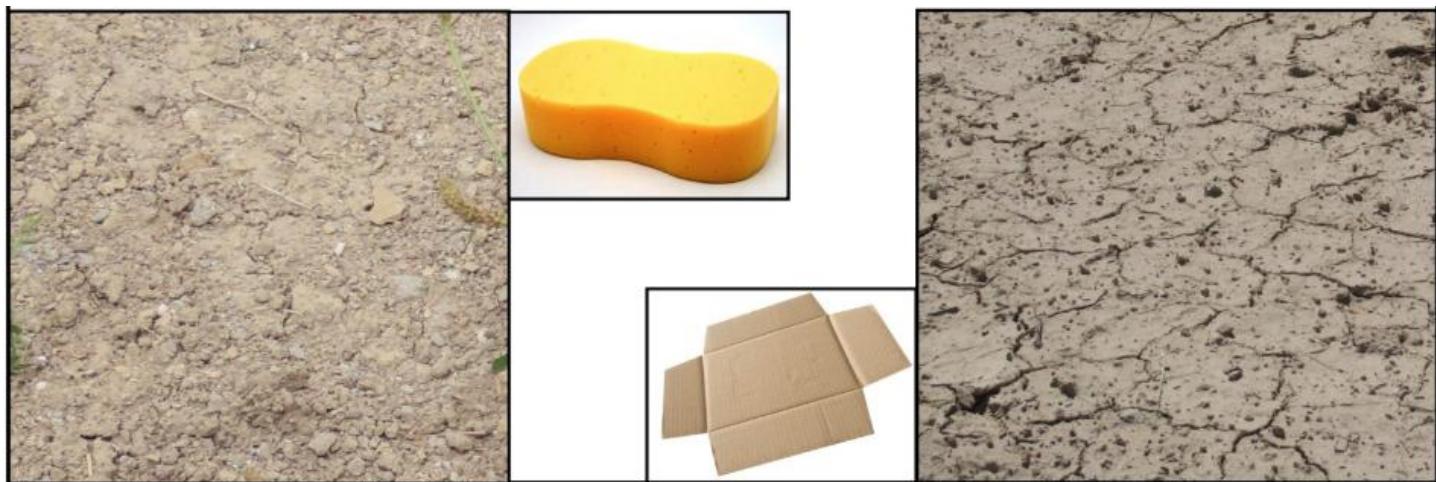


NOVEMBER 2025 NEWSLETTER!!

How to address compaction and treat your fields at the same time!!

The products **EarthGen215** promote facilitate soil structure improvements that help soil function more like a sponge than like a piece of cardboard. A sponge absorbs water and holds it so that the water does not drain away. A sponge also allows water to permeate throughout the sponge, dispersing evenly so that the entire sponge is moistened. Water dribbled onto cardboard typically will run off the cardboard, at best moistening only the point of direct water-contact slightly. When soil uses precipitation or irrigation water efficiently it also tends to use soil nutrients more efficiently.

The pictures below were both taken in Montrose, Colorado. Montrose is in a semi-arid area that usually experiences warm to hot, dry summers and mild winters. The Montrose, Colorado region receives only about 12 inches of rainfall annually. The picture to the left shows soil that has been treated as recommended for four or five consecutive years with the products That **EarthGen215** carries. Clipart of a sponge signifies how this soil functions when it is irrigated appropriately. The picture on the right shows soil that has never been treated with the biological products **EarthGen215** carries. It is located within less than one mile from the treated soil. This untreated soil on the right manages rainfall or irrigation water much like a piece of cardboard. Even though it is dry, the treated soil is not cracking, and it remains crumbly and tillable. As can be seen, the untreated soil is cracking, and extracting a soil sample from it presented a challenge earlier this year. The untreated soil cannot be described as tillable.



When applied as recommended, the biological products **EarthGen215** promotes stimulate and nurture activities of **beneficial soil organisms indigenous to the area** where the products are applied. To attain optimal activities of beneficial organisms, soil moisture needs to be comparable to a moisture level that encourages seeds to germinate. **The products we promote contain a combination of enzymes derived primarily from plants and some from beneficial soil organisms.** Enzymes are specialized proteins that are very durable. For example, they survive in environments different from where they are developed,

harvested, and packaged. Live organisms imported to an area to which they are not indigenous tend to die before doing much good, if any beneficial work. In addition, enzymes tolerate temperature extremes better than do live organisms.

Enzymes are also catalysts. Like all enzymes, the Stimulant product's natural live enzymes accelerate chemical reactions among beneficial soil organisms, as well as reactions between these organisms and roots of growing plants. Enzymes accelerate their unique reactions repeatedly throughout a growing season, without being consumed in the process. Live organisms typically die after a single transaction in soil. Chemical reactions among soil organisms and between those organisms and roots of growing plants refers to chemistry-type reactions, not man-made chemicals applied on soil.

A general understanding of how enzymes function helps with understanding how these enzymes continue working throughout a growing season. As catalysts, enzymes lower the amount of energy required for interactions to occur, thereby accelerating interactions and increasing the potential number of interactions. With regard to the Stimulant product, it increased interactions facilitated by its enzymes and are seen in increased populations of beneficial soil organisms, and corresponding increases in mineralized (dissolved) nutrients in the root-zones. The higher population of beneficial organisms facilitates decomposition of more dead matter in the soil, transforming it into humus (nutrient-rich topsoil), and that higher population of beneficial organisms infuses soil with healthier levels of oxygen essential for crop production and ongoing soil life activities. Yield data and soil structure improvements from 2025 are starting to be analyzed. One example of a fantastic yield result comes out of southern Minnesota. Where the products that EarthGen215 promotes have been consistently applied as recommended over at least 10 consecutive years on the two Minnesota fields pictured below, each of these fields yielded approximately 220 bushels per acre of corn - this year. These results are outstanding for these fields and exceed yields from fields in the area that are not treated with the Biological Products. Applying these Biological Products as recommended works with and compliments soil, plant, and nutrient cycles, as each is created to function.

It is time for the Fall application, and I look forward to serving you!! **Please call for Fall discounts!!!!**

Please call me at 850-778-7012 here at the office and I will be happy to customize your order for your acreage. You can also find out more on the product line on our web page www.EarthGen215.com. We are on East Coast time, and the main office is in Tallahassee, Florida. WE SHIP DIRECTLY TO YOU STRAIGHT FROM OUR MANUFACTURER!!!

Talk to you soon!!!

Tom

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