



Research Driven,
Proven Results™

TECHNICAL BULLETIN

GRIGG® GARY'S GREEN® ULTRA: FOLIAR NUTRITION EXCELLENCE

During the process of photosynthesis; sunlight, carbon dioxide from the atmosphere, water and nutrients, along with chlorophyll in the leaf, combine to produce the needed carbohydrates required for plant growth and health. These naturally occurring nutrients are generally soluble in the ground water and enter the plant through the membrane of the root with the water, and are then carried up the plant's xylem tissue in the vascular bundle and distributed throughout the leaf where the carbohydrates are produced. The carbohydrates are then distributed throughout the plant and carried to the root for storage by the phloem tissue.

If we can increase any of the factors needed for photosynthesis, then we can increase carbohydrate production in the plant. The only practical factor to increase is chlorophyll and the only practical way to increase chlorophyll, without raising cutting heights, is to add the nutrients needed for chlorophyll production directly to the leaf in the form of a leaf absorbed foliar spray.

When we apply foliar absorbed fertilizers such as GRIGG™ Gary's Green® Ultra, which contains the needed nutrients for added chlorophyll production to the leaf directly, photosynthesis increases and the plant begins to produce more carbohydrates than it would otherwise.

In a situation where the turf is mowed at such low heights as we maintain them now days for green speed, these extra carbohydrates produced by applying Gary's Green Ultra can mean the difference between healthy and unhealthy greens, increased carbohydrate storage in the root zone, reduced stress and may even be the difference between life and death of the turf.

Key Advantages of GRIGG™ Gary's Green® Ultra

Gary's Green Ultra is one of the most advanced foliar nutrition products available today. It is formulated with GRIGG's proprietary Proven Foliar® nutrient technology.

- Designed to be foliar applied and completely foliar absorbed rapidly while it is drying on the target plant.
- A complete organically chelated, phosphate stable micronutrient package including Fe, Mn, Zn, Cu and Mg
- Contains a natural, non-ionic and organic surfactant for improved coverage and water buffering agent
- Contains sea plant extract (*Ascophyllum Nodosum*)
- Contains a proprietary combination of plant- based amino acids, organic acids and complex polysaccharides that buffer the nutrient compounds and provides a rapid sustained green-up without rapid growth, effective at low rates, and no risk of tissue burning.
- Environmentally friendly: the organic and amino acid base is used as a plant food source by both plants and microorganisms as it is biodegraded and there is no risk of nutrient leaching
- Highly compatible with most fertilizers, herbicides and pesticides available on the market today, in fact provides an enhanced response (a jar test is always recommended).
- Great tool to combat stress anytime of the year

**For a distributor near you contact:
GRIGG: 1 888 246 8873 or www.grigg.co**

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