



CIVITAS Is Unique

CIVITAS is a breakthrough in fungus control technology. CIVITAS is a unique, patent pending formulation where all elements of the synthetic isoparaffin and the harmonizer play a vital role in facilitating activation of the plants natural defenses to fight off pathogens, and in enhancing the turf's overall health.

The Critical Components of CIVITAS – helping Copper to be understood

Copper is one component present in the CIVITAS Harmonizer formulation. It is also important to note the specific structure of the copper molecules to understand their beneficial nature.

Unlike free copper molecules that can build-up in soil, the copper present in the CIVITAS Harmonizer is chemically sequestered. This means that the copper in the formulation is chemically bound - up in a complex molecular matrix that is able to be utilized by the turf plant. Unlike free copper particles, the chemically sequestered copper stays on and is used by the plant and does not migrate to the soil. To further emphasize that copper within the CIVITAS Harmonizer formulation is beneficial, testing of the concentration of sequestered copper amounted to only 7.8×10^{-4} (ten one thousand) of a gram on a square foot basis. This level of copper amount is very small given the radius. In addition, CIVITAS is not a soil drench application, but rather a topical application. Therefore, CIVITAS, including the chemically sequestered copper, is deposited on the leaf blades and thatch prior to being utilized by the plant. The plant utilizes the majority of the solution applied to the turf; however, any unused amounts are readily removed from the area by subsequent mowing.

The Critical components of CIVITAS, more than a traditional fungicide

CIVITAS is changing the game. CIVITAS turns on the natural defenses of the plant to fight off fungus. Customers using CIVITAS have reported many benefits such as reduced ball marks, improved recovery from aeration, faster green up in the spring and stronger roots to name a few. CIVITAS is composed of many vital components that help it to deliver unconventional results from tip to root within the turf blade.

For more information visit: www.civitasturf.com