



sulfur in Our soils & THE USE OF SULFUR PLUS

The primary source for sulfur as a nutrient for crops is organic matter that is inherent in our agricultural soils. It has been known for many years that crops get the majority of their sulfur needs from residual sulfur that is part of the make up of our soil organic matter.

For many years and with some labs today, the recommendations on sulfur have been based on soil organic matter content rather than an actual test for sulfur. The reasoning is simple. In agronomy, we know that the higher the organic matter content, the higher the sulfur level is in our soils. In actuality, the higher the organic content, the more sulfur will be released into the soil for crop metabolism in a given growing season.

Another very important factor is the leaching of sulfur. Sulfur will leach out of our soils from one year to the next just like nitrogen. Therefore, it is all but impossible to “build soil levels of sulfur”. Frankly, at **DeltAg**, we got tired of watching our growers applying tons of sulfur year after year when we needed to be building organic matter. We know most crops need sulfur in a range from 10 to 20 units per acre for most crops. Organic matter in most soils is more than ample to meet this need. It is when our organic gets really low or when stress is present that sulfur becomes a real problem.

At **DeltAg Formulations**, after more than twenty years of soil testing and lab analysis, we are convinced that the proper approach to sulfur is to be sure the growing crop has the tools necessary to respond to this ‘residual’ sulfur that is released during the growing season.

Sulfur Plus is the result of this experience at **DeltAg**. This product is formulated with two purposes in mind. First is to supply the seedling crop with ample sulfate sulfur for healthy early response to nitrogen. Our second purpose is to utilize the organic or residual sulfur that is being released into the soil for crop metabolism each year.

With these thoughts in mind and with many years of experience, we are convinced that in most situations, with reasonable organic matter content for the soil type, an application rate of one quart of **Sulfur Plus**, applied close to the developing root system and early, will help the crop to respond to residual sulfur that is present. With extremely low organic matter or on very sandy soils, we tend to recommend some form of conventional sulfur in conjunction with **Sulfur Plus**.

Finally, with **Sulfur Plus**, we are providing the crop with the ability to better utilize what Mother Nature has already supplied rather than continued purchases of sulfur that will leach and be lost.

Ask your **DeltAg** Rep about the economics of using **Sulfur Plus** in with your liquid nitrogen rather than using a liquid Nitrogen-Sulfur blend. Give your folks the opportunity for less cost, fewer gallons per acre applied, better crop response and profit per acre..... **Sulfur Plus!**

“It is not what you put out, but what gets in the plant... that counts.”

Johnny McRight
McRight Services, LLC dba *DeltAg Formulations*