



## Why Boron?

**Function of Boron:** Boron plays a vital role in **translocation of nutrients** and other necessary materials for plant metabolism. At **DeltAg**, we like to describe the function of Boron as that of “*a soap or lubricant*” in the plant. When Boron is deficient, the plant will struggle to translocate much needed nutrients and sugars throughout the plant and metabolic processes can get out of balance. The result can be too much growth and reduced retention of fruit. In other words, the plant can go into a vegetative cycle which will reduce fruiting, delay maturity, and reduce final yields.

**Laboratory tissue analysis** with most crops searches for as little as 3 to 4 parts per million in the entire plant. Research has shown, for years, that the crop only needs 1.5 to 3.0 ppm in a given time period. So what's the deal?

**How Much Boron is Enough?** For many years in the ag industry, growers and dealers alike have been led to believe that our crops need to receive Boron in amounts that range from 1 to 5 pounds of actual Boron. This thinking is the result of research that was done for years with a dry Boron source material, that works and works well. However, “*crop response*” requires higher application rates of this material than our crops really need.

**A more efficient Boron** source can provide “*crop response*” without having to apply high rates to achieve the desired results.

June 15, 2001

**DeltAg Product Brief**

## **Boron Plus™ ?**

*“It’s not what you put out, but what gets in the plant....that counts!”* At **DeltAg**, when it comes to micronutrients, we believe “*Crop Response*” is far more critical than “pounds per acre” applied.

**Boron Plus:** This formulation is probably the best example of the **DeltAg** concept. **Boron Plus** has been tried and tested and has been found to be four to six times more effective than many other Boron products.

### **Why Boron Plus?**

**pH:** Most Boron products raise the pH of final tank mix, which reduces activity of most pesticides, **Boron Plus does not!**

**Active DeltAg Chemistry:** Other Boron sources are just that, Boron.

**Boron Plus** contains: ‘*Fulvore*’ for improved membrane permeability and translocation; as well as *Amino Acids and natural plant extracts* for better conversion efficiency. **Result: An Ultra Low Rate!**

**Boron Plus** has been University tested over several years and has been proven to be more effective at **4 ounces per acre** than conventional sources at standard rates!

**DeltAg Product Brief:** **DeltAg** dealers receive this series of Product Briefs. If other members of your staff would like to receive a Brief, we will gladly add them to our list of recipients. **Call DeltAg Today!**

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**Next: *Nutri K* for Fruiting and Sizing!**