

New NPK Enhancer Continues To Prove Its Worth

COLLIERVILLE, TENN.

When fertilizer prices launched into double digit percentage increases last year, a number of companies came forward with new products designed to increase the efficiency of fertilizers. While some have been proven to work, they may still have limits, such as only working on particular nutrients, or they may not be appropriate for all crops.

In a world of me-too products, a new stand-out is filling the void with something that will work for everyone. FBS, a bio agriculture company based near Memphis, Tennessee, has developed a product called Carbon Boost-S, an NPK enhancer that increases nutrient uptake and mobility, but it will actually work on any nutrient.

To validate its claims, FBS has put Carbon Boost-S through its research paces. One example is an independent field research trial that showed that the addition of FBS' Carbon Boost-S added to starter fertilizer increased corn yield by an average of 13.3 bushels per acre over the starter applications. The research was conducted in Jackson, Tennessee, by Dr. Donald D. Howard, a retired professor formerly with the University of Tennessee.

During the 2008 growing season standardized corn fertility tests were designed to measure the effects of adding Carbon Boost-S to a conventional starter fertilizer program.

There were three treatments consisting of the following:

- 1) The check, which was treated with ammonium nitrate;
- 2) Plots treated with ammonium nitrate, plus five gallons per acre of 10-34-0 applied in furrow as a starter at planting;
- 3) Plots treated with ammonium nitrate and five gallons per acre of 10-34-0 mixed with five

ounces of Carbon Boost-S.

Each treatment – the control, the conventional fertilizer program, and the Carbon Boost program – was repeated three times to compare the response when different rates of nitrogen were used. Ammonium nitrate equaling 100, 125 and 150 units of nitrogen per acre were applied to the plots in order to measure the effect of each treatment on Nitrogen efficiency.

Dr. Howard's study concluded that the inclusion of Carbon Boost-S increased corn yields by an average of 13.3 bushels per acre when compared to the plots that only received ammonium

nitrate and 10-34-0 starter. The Carbon Boost-S and starter combination helped raise yields an average of 19.6 bushels per acre over the application of ammonium nitrate alone.

In addition to evaluating yields, Dr. Howard, also took leaf tissue samples from each treatment at the 5th leaf stage to analyze the nutrient uptake. The results showed a five percent higher level of nitrogen in the Carbon Boost-S treated corn. The Carbon Boost-S plots had higher levels of Zinc and Iron as well.

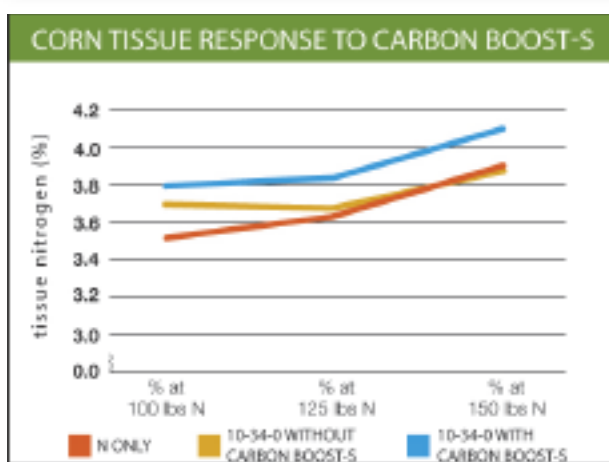
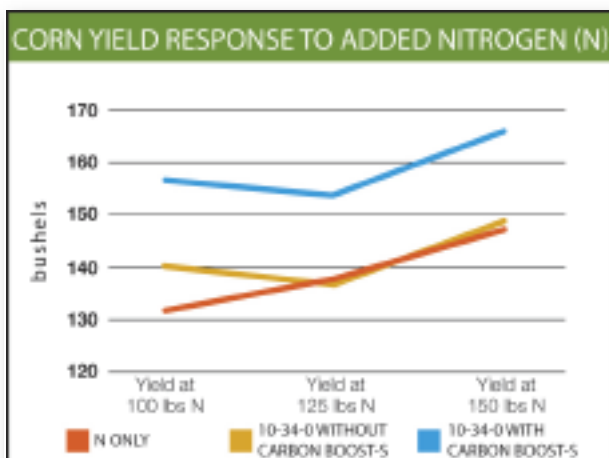
The protocol laid out in Dr. Howard's trial also was followed in three other trials in Ohio, Minnesota and Wisconsin with similar results.

In addition to in furrow, Carbon Boost-S can be applied pre-plant with broadcast or banded

fertilizers, impregnated onto granular fertilizers, banded at planting, or with side dress and top dress applications.

The final usage rates for Carbon Boost-S are 5 or 8 ounces per acre depending upon the application method. Final costs are usually around \$8 per acre.

For more information about Carbon Boost-S, visit www.CarbonPower-FBS.com or call 866.360.7598. Δ



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