

Trace elements in alfalfa were multiplied with a single foliar application of micronutrients plus BinBuster XP

On Sept. 16, 2010, researchers sprayed two 12 x12 ft. plots of alfalfa with a trace element blend tank-mixed with BinBuster XP and water.

This was intended not as a statistical test, only a screening for effect. The alfalfa was about eight inches high, recovering from a third cutting, and growing vigorously.

In the next 10 days, 2.08 in. of rain fell in three storms, so the alfalfa was thoroughly washed. Most external residual would have been removed.

On Sept. 27, leaf and stem samples of new top growth were cut from the two treated plots, plus two untreated controls adjacent to the treated plots on comparable soil.

Samples were sent to Midwest Laboratories. Average trace element results are shown at right.

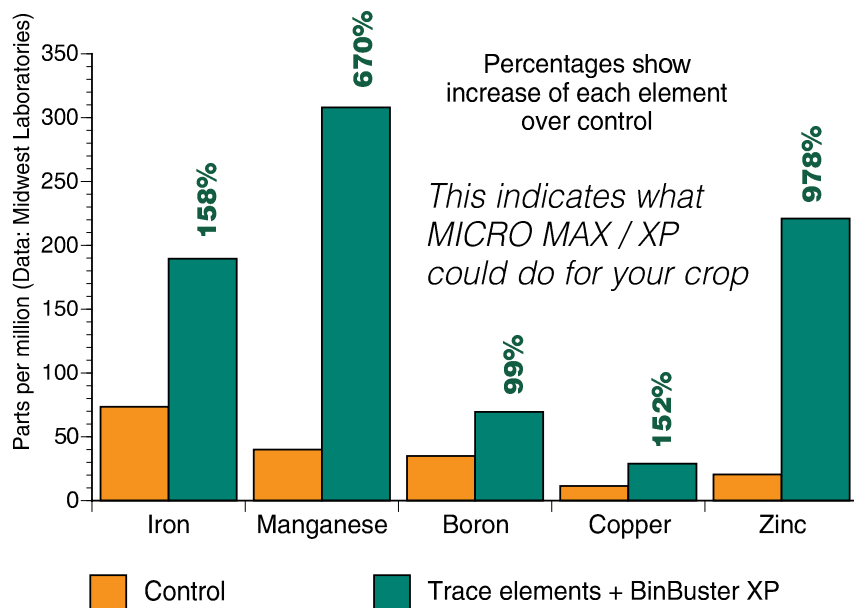
In previous trials where BinBuster XP was used to increase trace-element absorption, we've learned with repeated field trials that it enhances absorption and translocation of foliar-applied trace elements.

This can make foliar application an even more effective management tool for balancing micronutrients in growing crops.



Alfalfa Oct. 4, 2010, after a Sept. 16, 2010 application of trace elements tank-mixed with BinBuster XP

Trace element content of new alfalfa growth 11 days after foliar spray with Defender G tank-mixed with BinBuster XP surfactant/transporter



We think this tissue analysis fairly represents what's "in" the leaves and stems, rather than measuring exterior residue. Field researchers clipped new growth, and the plots had over two inches of rain between spraying and sampling.

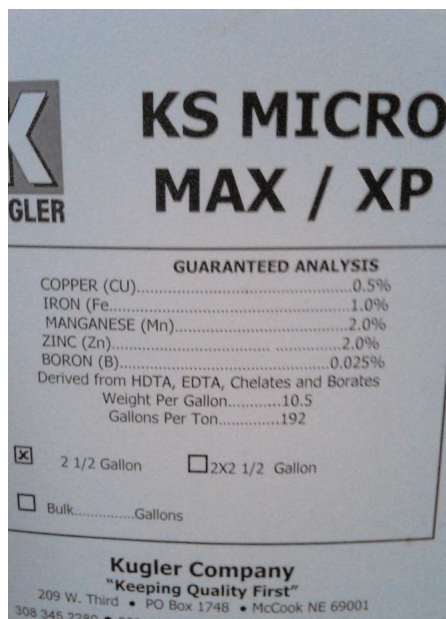
Now that tank mix of a good trace element pack and BinBuster XP has been prepared for you.

It's labeled by the Kugler Company as MICRO MAX / XP.

The ideal blend of trace elements and surfactant/transporter are already in the container you get, making your job easier and more precise.

Now that glyphosate-resistant alfalfa has been approved for general use, monitoring of micronutrients in alfalfa will become more essential, because glyphosate chelates or ties up micronutrients.

Previous tests of BinBuster XP applied alone on alfalfa in Montana have shown an increase in alfalfa tonnage and relative feed value. However, the BinBuster XP component in this combined product is labeled only as a surfactant or adjuvant.



Label of the new Kugler blended product, Micro Max / XP, showing trace element analysis

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