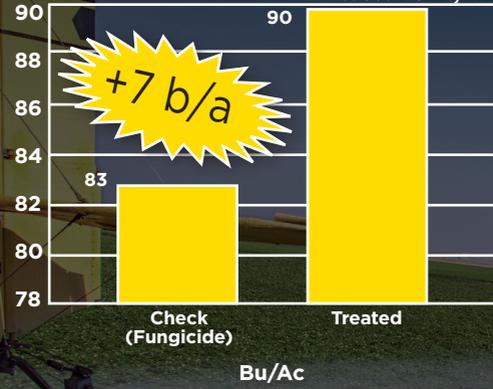


## SOYBEAN RESULTS 2012

Application = 1 Gal KS1515 + 1 Pt KS MicroMax + Fungicide R3 stage

West Point, NE



## MICRONUTRIENTS 101

- » Boron (B) One of the most important micronutrients affecting membrane stability, sugar production, supports the structural and functional integrity of plant cell membranes.
- » Copper (Cu) The presence of copper helps ensure successful protein synthesis.
- » Iron (Fe) Is essential for crop growth and food production, energy transfer, nitrogen reduction and fixation, and lignin formation.
- » Manganese (Mn) Plays a direct role in photosynthesis, accelerates germination and maturity while increasing the availability of phosphorus (P) and calcium (Ca).
- » Zinc (Zn) Necessary for producing chlorophyll and forming carbohydrates essential for promoting certain metabolic reactions.



FERTILIZERS

**We make them. We sell them.  
And nobody does it better.**

Kugler is a family owned, Midwest based fertilizer company that has been helping agricultural producers succeed for decades. The foundation of that success is based in Kugler's company-wide commitment to the highest quality – from manufacturing to delivery to application. From the training and education we provide your local Kugler KQ dealer to the innovative, leading edge technology we bring to the fertilizer industry.

Discover more about how Kugler quality can put your farming operation in step with the rest of your modern farming practices. Visit with your local authorized Kugler KQ dealer or contact us:

**1.800.445.9116**

[www.KuglerCompany.com](http://www.KuglerCompany.com)

[www.KQXRN.com](http://www.KQXRN.com)

THE ORIGINAL  
**KUGLER**

## KS MICROMAX

THE POWERFUL FERTILITY  
RESPONSE TO TODAY'S  
NEW GENETICS.



## WHAT GROWERS ARE SAYING ABOUT KUGLER FERTILIZERS:

"Kugler works really well because it's low salt and non-corrosive on the equipment. It's a good quality product and doesn't plug up the nozzles or orifices. If you're not stopping to unplug things, you're getting things done."

Lynn Cooper • Osborne, KS

"The Roundup® beans really need some manganese and that's what I'm really going for with Kugler MicroMax. I'm trying to get as much early plant health as possible. The healthier you keep those plants, the more they are going to produce."

Terry Long • Lebanon, KS



1-800-445-9116

[www.KQXRN.com](http://www.KQXRN.com)

# KUGLER KS MICROMAX

## MICRONUTRIENT FERTILIZER

Copper (.5) • Iron (1.0) • Manganese (2.0) • Zinc (2.0) • Boron (.025)

Kugler KS MicroMax is a powerful package of key micronutrients designed to help your plants optimize performance, handle stress and simply be as healthy as they can be. These vital nutrients are essential components in photosynthesis, cell wall formation, translocation, enzyme synthesis and many other plant health functions.

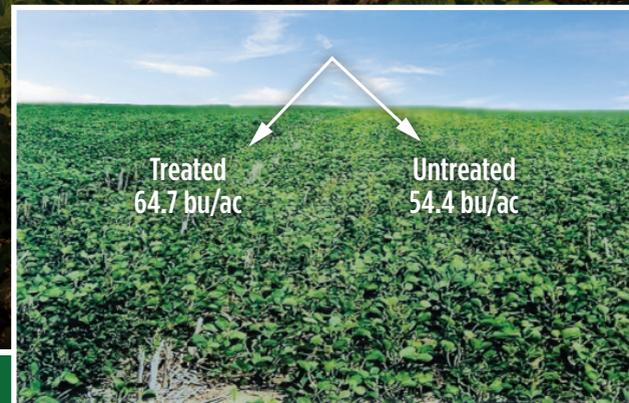
You can apply Kugler KS MicroMax in the soil or through foliar application. Proper timing, rate and placement of Kugler KS MicroMax are critical for the best results. Key considerations are the stage of crop growth, soil fertility levels and environmental conditions. Contact your authorized Kugler dealer to make the most of your Kugler KS MicroMax application.

### Foliar Benefits

Foliar fertilization is by far the most effective way to apply micronutrients or trace elements, and supplement the major elements.

Foliar micronutrients are more easily utilized, because they do not have to be dissolved by moisture to go into the soil solution.

### 1 qt/ac KS MicroMax in-furrow



### Kugler Fertilizers: Perfect for Foliar Application

Tests have shown that up to 90% of a foliar fed nutrient solution can be found in the smallest root of a plant within 60 minutes of application. Kugler KQ-XRN and KS fertilizers are especially well suited for foliar application. Foliar application of fertilizer allows you to provide essential nutrients to your crop well into the growing season — giving you the opportunity to boost plant performance at critical stages of growth.

Foliar application of Kugler fertilizers allows you to fine tune your fertility program in response to weather conditions and crop performance — and do so with effective, crop-safe fertilizers. Kugler fertilizers are formulated to prevent crop damage (burning). They are also easy on application equipment — from ground sprayers to airplanes.

### Kugler KQ-XRN Slow Release Nitrogen

Many growers are using Kugler KQ-XRN slow release nitrogen as the Perfect Delivery System™ for Kugler KS micronutrients and for pesticides and fungicides in foliar application. Kugler KQ-XRN has a unique “stickiness” that keeps it on plant leaves for weeks — allowing for greater nutrient absorption and increased effectiveness. At the same time, Kugler KQ-XRN has tremendous flowability and quality that make it easy to apply — without gumming up nozzles. (For more information on KQ-XRN, visit [www.KQXRN.com](http://www.KQXRN.com).)

### Not all slow release nitrogen is the same.



### Compatible with a wide variety of crops.

Kugler KQ-XRN can be used with a wide variety of crops — from feed grains to vegetables. KQ-XRN has demonstrated success in both dryland and irrigation settings.



For more information, call toll free:  
**1-800-445-9116**

Kugler Company • P.O. Box 1748 • McCook, NE 69001

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