




# KUGLER KQ fertility facts

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## Take charge of wheat yields—starting now.

The benefits of sound fertility on wheat are unquestioned. And it's clear that multi-nutrient grades on wheat are superior to the use of straight nitrogen—especially when potash and chlorides are included.

Optimum wheat yields begin right now—with a topdress application of **Kugler KQ342**. Kugler KQ342 provides four essential nutrients—nitrogen, potassium, sulfur and zinc—in an easy-to-apply liquid grade especially formulated for cool weather and cold soils.

The potassium in Kugler KQ342 provides chloride—helping increase resistance to foliar and root diseases. In areas of chloride deficiency, yield increases averaging five bushels per acre result with chloride fertilization, with some test plots showing 23 bushel per acre increases!

### **Urea=N Loss to the Atmosphere**

Urea may appear to be a cheap source of nitrogen. But do you really want to

have a good portion of your fertilizer investment disappear into thin air?

Urea is not a good choice for topdress application, according to several university studies. Urea hydrolyzes on the soil surface, releasing ammonia gas into the atmosphere. This volatilization significantly reduces nitrogen efficiency—resulting in losses of 30% to 70%. That's simply not a good use of your fertilizer dollar—and it can have a dramatic adverse effect on crop yield and profit.

The effectiveness of the nitrogen in Kugler KQ342 is enhanced by the fact that Kugler KQ342 uses ATS as its sulfur source. ATS acts as a "nitrogen extender"—helping stabilize the nitrogen in the soil so it stays more available to your wheat. (This is another example of the "Power of Synergism" in Kugler KQ fertilizers!)

Topdressing with Kugler KQ342 puts your fertilizer investment where it belongs—working for your wheat.

## The Power of Preplant

If you're getting ready to plant corn, beans, sorghum, etc., don't forget a deep placement application of Kugler KQ fertilizer **before you plant.**

You'll be establishing a nutrient reserve in the soil that the roots will reach right when nutrient demand is high—helping enhance grain development at a critical time.

Kugler KQ fertilizers are perfect for preplant deep placement application. This method creates an expanded feeding zone for the plant—encouraging a stronger root system and increasing nutrient uptake and water efficiency at an important time in the plant's development.

Preplant application with Kugler KQ fertilizers can give your crop that important "second wind" it needs to finish strong.

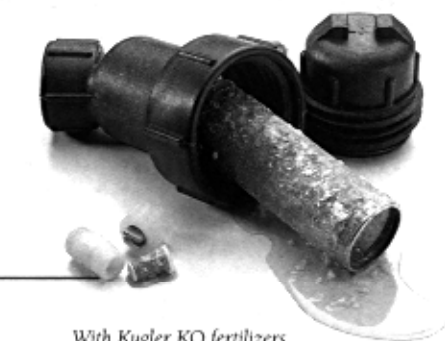
## *It's not just about fertilizer.*

## *It's about time.*

You typically have a very small window of time to get into the field—especially at planting. If you have trouble with your fertilizer gumming up and plugging screens, you spend less time putting seed in the ground and more time fixing headaches. But that's exactly what happens with low quality liquid fertilizers that don't have Kugler quality behind them.

Your Kugler KQ dealer understands that time is money. So Kugler KQ fertilizers are of the highest quality—formulated to flow smoothly and cleanly—keeping you in the field instead of in repair mode.

And there's another concern: When screens and orifices plug up,



*With Kugler KQ fertilizers, you won't get this mess!*

you don't always notice right away. So you end up skipping rows or entire sections of your field. You've just affected yield—and that plant you'd hoped to perform for you has suddenly become just another weed.

If self-applying is in your future, then Kugler KQ fertilizers are a wise choice. At Kugler, we've developed proprietary technology that allows us to attain a level of quality that is unmatched.

In other words, nobody else can make Kugler KQ fertilizers. Competitors may "copy" Kugler KQ products, but the difference will show up when you apply them. And by that time, it's a little late in the game.

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