

Support crop protection applications, enhance plant performance

The Problem:

Many herbicides — especially glyphosate and other weak acid actives — bind with calcium (Ca^{2+}), magnesium (Mg^{2+}), iron (Fe^{3+}), and bicarbonates in hard water. When this happens:

- ✓ Active ingredient becomes tied up
- ✓ Fewer free herbicide molecules reach the leaf
- ✓ Weed control becomes inconsistent
- ✓ Nozzles can plug

How StoKK Helps:

The fulvic acid and potassium-based chemistry in StoKK® helps:

- ✓ Complex (bind) hardness ions before they bind herbicide
- ✓ Improve spray solution stability
- ✓ Reduce antagonistic tie-up
- ✓ Increase the percentage of active ingredient available for uptake

Potassium regulates:

- ✓ Stomatal opening
- ✓ Cellular osmotic pressure
- ✓ Translocation of nutrients and metabolites

When potassium status is supported:

- ✓ Plants recover faster from herbicide stress
- ✓ Crops tolerate post applications better
- ✓ Reduced crop burn duration
- ✓ Less yield drag from temporary phytotoxicity

This doesn't make herbicide "hotter" — it makes the crop more resilient while the weed remains susceptible.

Why GrainRx:

A lot of fertility programs focus on what gets applied — but not always on how efficiently the crop actually uses it. That's where GrainRx fits in. What we're helping growers do right now:

- ✓ Increase nutrient availability and uptake with live biologicals



- ✓ Improve nitrogen efficiency and reduce loss
- ✓ Build stronger root systems for better early vigor
- ✓ Help crops handle stress from weather and field conditions
- ✓ Unlock nutrients already tied up in the soil

GrainRx is built to work *with* your current fertility program — not replace it — so you can get more performance out of the dollars you're already spending.

Contact us:

Phone: +1-765-237-9274

Email: info@grainrx.com