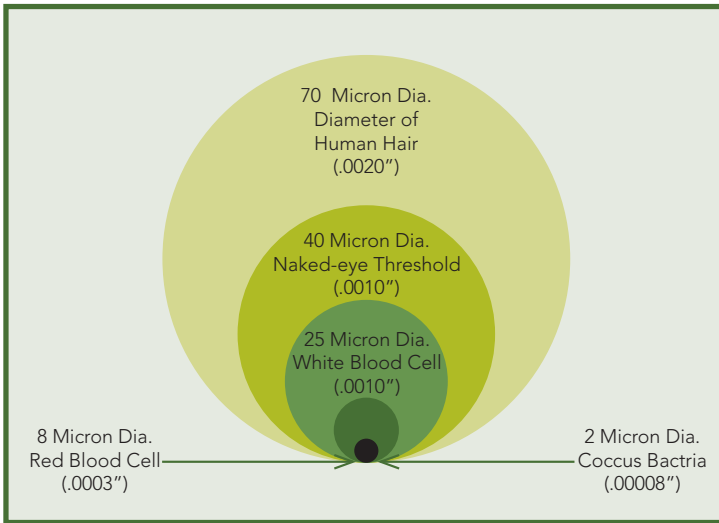


SMART NUTRITION MAP+MST & 4R NUTRIEN STEWARDSHIP

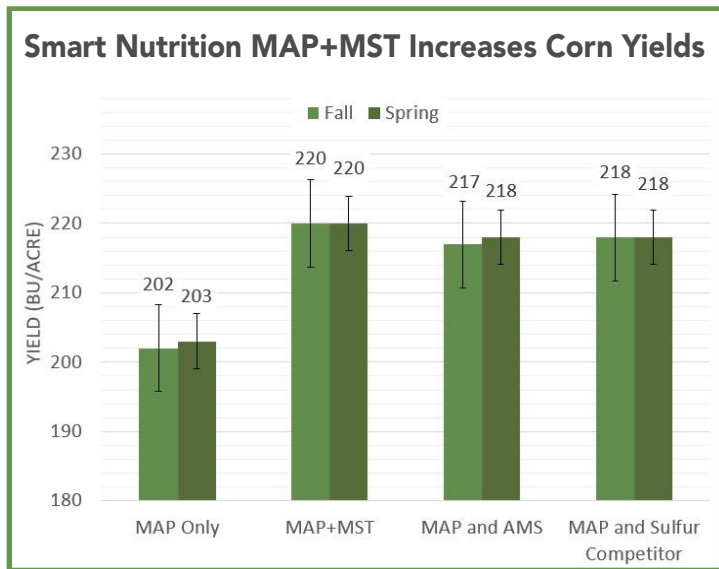


By now we should all be aware of the 4R's – Right Source, Right Rate, Right Time, and Right Place – but how does sulfur fit into the 4R's?

When it came to the Right Time, the Right Source of sulfur, elemental or sulfate, was the main determining factor until Smart Nutrition MAP+MST came along.



The average sulfur particles in MAP+MST are 15 microns.



- Data includes 12 site-years across IN, IA, WI and MN
- Fall and Spring MAP+MST application had a statistically significant higher yield than the control MAP only treatment

The sulfur source in Smart Nutrition MAP+MST (9-43-0, 16 S) is elemental, but the difference is the sulfur is “micronized”. The elemental sulfur is reduced in size (micronized) into the smallest particle sizes in the industry. This “micronized” size allows for quicker oxidation as the soil temperatures warm up in the spring, but due to the elemental form it can also be applied in the fall without the risk of loss due to leaching that can happen with sulfate- sulfur.

The research reveals how Smart Nutrition MAP+MST compares to other products in corn. All treatments were balanced for nitrogen, phosphorus, potassium, and sulfur.

This research proves that Smart Nutrition MAP+MST can supply the sulfur needed to be effective in helping corn maximize yield when applied in the fall or spring.

Smart Nutrition MAP+MST can be a replacement for MAP in the fall with the added bonus of not needing to apply sulfur in the spring. This could potentially free up bin space by letting retailers use a smaller bin to store sulfur for spring use. For corn growers, Smart Nutrition MAP+MST allows them to buy their sulfur for fall application and be confident the sulfur will be there when the corn needs it most.

Want to know more? Contact your local retailer or Nutrien representative.

www.smartnutritionmst.com

