

Let's Talk Nitrogen

“Did we apply too much, or too little? How do we know?”

We often get asked the question of “How do we know how much nitrogen will be needed to reach our yield goal?” There's not one straight answer to it, but it will always come down to three things: You, us, and GRANULAR.

It's the easy thing to do when going into every year and applying at the same rate just because of “well that's what we've always done and it works” but you always need to ask yourself these questions- Does the weather do the same thing every year? Do we plant the same variety every year? Things change, and we need to be prepared. After all, there are only so many things we can control outside of Mother Nature. I think for us to understand how this all goes to place, we need to start in the fall, where our 'foundation' begins. I'm sure you've heard Andrew and I talk about how it all starts with the foundation, and with that we mean fertilizer. You can spread all the micronutrients, foliars, goof juice you want, but you have to get your soil levels at the optimum level. Getting your pH, and other values to the right level, allows the nutrients, like nitrogen, to be readily available for your corn plant. After getting our foundation built, fixing fertility deficiencies, and addressing other variabilities in our fields with variable-rate seeding prescriptions, it's time for more. We have traveled a great distance, but it's time to capitalize on the last tool for success. Now we wouldn't get the treatment from the doctor without being told what is wrong right? Same way with nitrogen. We don't want to order nitrogen without knowing how much the corn plant needs to reach its full capability. It's vital for us to not overspend on nitrogen but even more to leave profit out in the field.

Through the use of tools like Granulars' nitrogen modeling, we have the power to predict, act, and stay prepared throughout the growing season. Having access to 20+ years of weather history, variable specific zones, product placement, yield history, and rainfall calculator, these are just a few tools in the toolbox to make calculated decisions for your operation. It may not even be a variable rate recommendation, but a flat rate for each field. Every piece of data and value we can extract from the field, it will allow us to make more informed and precise recommendations for your operation. Receiving weekly in-season updates, analysis reports after the season, you will be informed from the very start to finish. However, like mentioned before, it takes all of us. Your knowledge of the operation, our expertise and experience, backed by the industry leading software, we are set for your corn crops success. With that being said, stay



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tuned for our next newsletter showing how we use nitrogen use efficiency to get the most out of your corn acres.