



6/1/2022

## ***Sidedressing with Less Nitrogen***

This year has been yet another interesting year for growers. Rising input costs, supply chain shortages, fertilizer cost surges, uncooperative weather... and the list goes on.....

Two questions keep resurfacing given the current environmental challenges:

1. How can I grow a high-yielding crop with less nitrogen?
2. Aside from crop insurance, what else can I be doing to protect my crop from environmental challenges?

Wherever you fall on the spectrum, we're here to help! Crop nutrient status throughout the entire growing season, especially at critical times of crop growth, plays a big role in determining the yield of your crop. An early sidedress application can set your crop up for success, while reducing nitrogen inputs and increasing protection.

For many growers, a sidedress program is part of their planned nitrogen management. For others, it's an effort to rescue their crops from a nutrient shortfall, due to various environmental factors. Many growers find it beneficial to apply nutrients other than nitrogen in their sidedress applications. Over the past few decades, AgriEnergy has observed the numerous benefits of this practice!

So, what else can I add besides nitrogen?

*We can mix any of the below products into a custom blend based on your needs*

### **Conventional Products:**

- **ATS, Ammonium Thiosulfate (12-0-0-26)** – Sulfur and ammonium nitrogen source
- **KTS, Potassium Thiosulfate (0-0-25-17)** – Contains 3 pounds of potassium and 2 pounds of sulfur per gallon
- **TracePak** – Blend of micronutrients including boron, cobalt, copper, manganese, molybdenum, and zinc
- **Corn Syrup or Molasses** – Food source for microbial life
- **Activator or Bio Humus** – Humic acid based products that improve nutrient uptake
- **Boron, Zinc, Manganese, Other Traces**

### **Organic Products:**

- **Pillar** – Nitrogen, potassium, boron, manganese, and zinc
- **2-0-2** – Nitrogen and potassium
- **Dramm Fish** – An excellent food source for microbes- Ask about our complete Dramm Fish line!
- **Molasses** – Food source for microbes
- **N-Force** – Liquid 8% nitrogen product
- **Bio Humus** – Humic acid based product that can improve nutrient uptake in the soil
- **Individual traces** – Boron, copper, manganese, zinc, magnesium, iron, and any of our **Biomim** products

We'd also recommend including **MVP** to whichever sidedress mix you choose to help stimulate microbiology. The microbes will consume some of the nutrients and release them later for use by the crop.

It is important to again note that ***Sidedressing is not just for corn!*** Numerous crops respond when implementing AES mixes during the growing season. *No matter the crop, don't miss your window!*

Consult your **AgriEnergy** representative for your sidedressing needs. Let us help you determine which sidedress program gives the best shot at enhancing or rescuing your crop's yield potential.

Additional Information can be found on our website by clicking the below links:

[Products](#)

[Literature](#)

[Video Series - Biological Farming](#)