

June 7, 2019

The Importance of Increasing Your Nitrogen Availability for Plant Uptake

At Ag Partners, we are your partner in production agriculture. When working with our growers, we take pride in doing business based on honesty and integrity. To help provide growers with information on the latest products and technologies, our agronomists are continuously running field trials to test new products, so we are only recommending proven products that work and have data to support the results. As your partner, we want to see you succeed on-farm and produce crops as efficiently and profitably as the conditions allow.



In a current trial we are testing [NZONE GL](#), a nitrogen management product that alters nitrogen fertilizer breakdown so that it's captured in the soil in a stable and available form. The goal for our NZONE trial is to keep nitrogen in the top portion of the soil (the top 0-12 inches) longer than without NZONE. As growers are determining their strategic plan for the next crop year, it is important to consider a nitrogen management product, like NZONE, because it can be beneficial in these ways:

- In the early stages of crop development, young plants with a small root system need nutrients as close to surface of the soil as possible in order to reach them.
- Due to the wet conditions we are experiencing this spring, root development has been somewhat slowed down because of adequate soil moisture in the top 12 inches of the soil.
- As crops get into V5 to V7 growth stages we start determining rows around and row length so having adequate access to nutrients to set potential yield is very important.

In the table below, you will see at this stage in the trial, the product is achieving our expected goal. When using NZONE, we have 36# of Nitrogen, and without the

SURFACE SOIL			
	PPM	lbs./A	Soil Depth (inches)
No NZONE	6	22	0-12
With NZONE	10	36	0-12

For more information on NZONE GL, and other nitrogen management products, please contact your Ag Partners agronomist.

Call To Contract Fall Fuel Now

Markets have dropped, which means it's a great time to contract fuel for fall.

Call Eric Osterhaus 785-294-2722 with questions or to set up a contract.



AgCESS Education

Ag Partners Agronomy Interns, Ashley Swaim, Cory Smith, Brice Koch, Tyler Fritzsche, Lexie Whetstine, and Trevor Kuhlmann attended an Answer Plot with Winfield United Thursday.

Meet Our Regions 4&5 Agronomy Interns



Tyler Fritzsche

Hometown: San Antonio, TX
Year in School: Senior
College Major: Agronomy
University Attending: Northwest Missouri State University
Assigned Region: Region 4
Agronomist Partner: Preston Thomas
About Tyler: Hailing from San Antonio, Texas, Tyler grew up with his sister and two brothers. In his free time, he enjoys hunting, fishing and anything outdoors.

Cory Smith

Hometown: Highland, KS
Year in School: Junior
College Major: Agricultural Education
University Attending: Kansas State University
Assigned Region: Region 5
Agronomist Partner: Nicholas Blevins

About Cory: Cory was raised on her family's farming operation with her older brother and sister, where her family raises sheep, goats and cattle. In her free time, Cory enjoys working and showing livestock, hunting, and riding 4-wheelers.

