

**DETECT NUTRIENT DEFICIENCIES  
BEFORE YIELD IS COMPROMISED.**

WINFIELD  
UNITED

Micronutrient Application Study 2010 Answer Plot® data		
Locations	Average Response with Foliar Zinc Application	Average Response with Foliar Boron Application
51 locations (all)	+ 2.7 bu/A	- 0.8 bu/A
33 locations (only Zn deficient)	+ 7.5 bu/A	--
29 locations (only B deficient)	--	+ 5.9 bu/A

## Tissue Test Now To Assess Plant Health

WinField United has analyzed over 600,000 tissue samples since 2008 and learned it's not just the concentration of individual plant nutrients that dictates plant health, but also [nutrient balance](#). Tissue sampling each year is the best way to ensure your plants have the right balance of nutrients to optimize yield potential and maximize the return on investment potential of your fertilizers. And reviewing historical tissue testing results can help you identify trends within fields that could indicate the need for extra management.

NutriSolutions® tissue sample reports provide information about individual nutrient concentrations in a plant and also analyze whether those nutrients are adequately balanced to optimize yield potential. Contact us to learn more about [in-season nutrient management](#) and tissue testing.

The above graphic of research conducted in the Answer Plot® system shows the importance of sampling to improve the probability of increasing your return on investment. When all locations were taken into consideration, no matter the sufficiency level of nutrients, there was only a modest increase of 2.7 bu. for a zinc application and no statistical difference for a boron application.

However, when only the locations that tested deficient in zinc were taken into account there was a 7.5 bu. increase from a zinc application. Similar results were seen with a boron application where a 5.9 bu. increase was seen if boron was deficient.

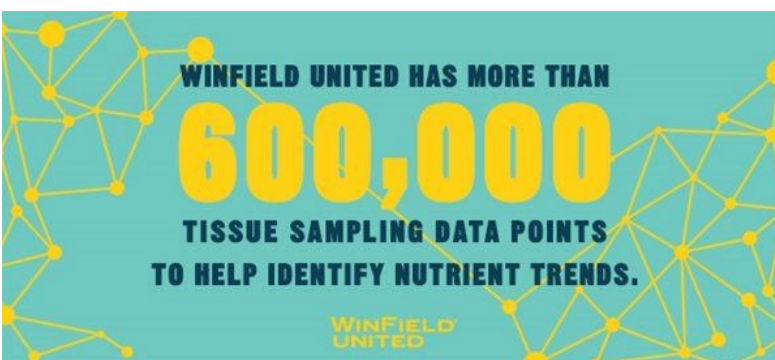
Tissue samples pulled in Northern Illinois over the period of the last 3 years in corn between V5 and V10 growth stage showed that zinc was deficient in 89.4% of the samples, manganese in 84.5%, and boron in 73.4% respectively. There is a high likelihood that fields in our area test deficient in at least one of these nutrients, increasing the probability of a higher ROI with a foliar application. A tissue sample will give you the results you need to take the guess work out of which MAX-IN® product to choose.

## Make The Proper Application To Get The Most Out Of Your Investment



If you're looking for a fertilizer that handles it all,

**[MAX-IN Ultra ZMB®](#)** combines zinc, manganese, and boron into one convenient and effective foliar micronutrient product.



## Work with your local trusted advisor

Reach out to your Northern Partners Agronomist to discuss a plan for micronutrients and schedule your NutriSolutions tissue sampling program today.

[Northern Partners Cooperative Agronomy](#)