



# TISSUE SAMPLING - WHAT IS HAPPENING WITH YOUR CROP

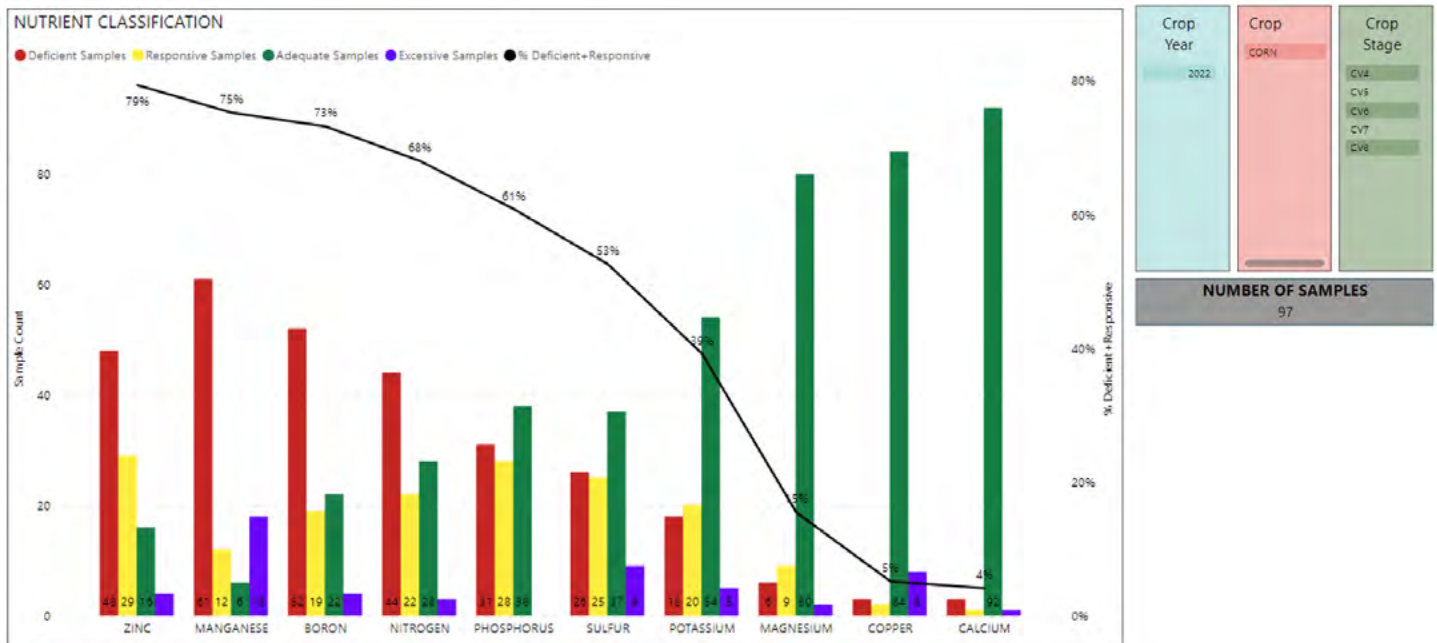
## Tissue Sampling – What is Happening with Your Crop

In the world of agriculture, we are utilizing new methods to determine what is happening in our fields to aid with in-season decision making. Crop assessment from a remote platform such as drone, airplane, or satellite, allows for evaluation of stand count, general crop health, and yield prediction. Nutrient management is still best evaluated through plant tissue sample analysis. So, how do we most effectively utilize these methods to make nutrient management decisions?

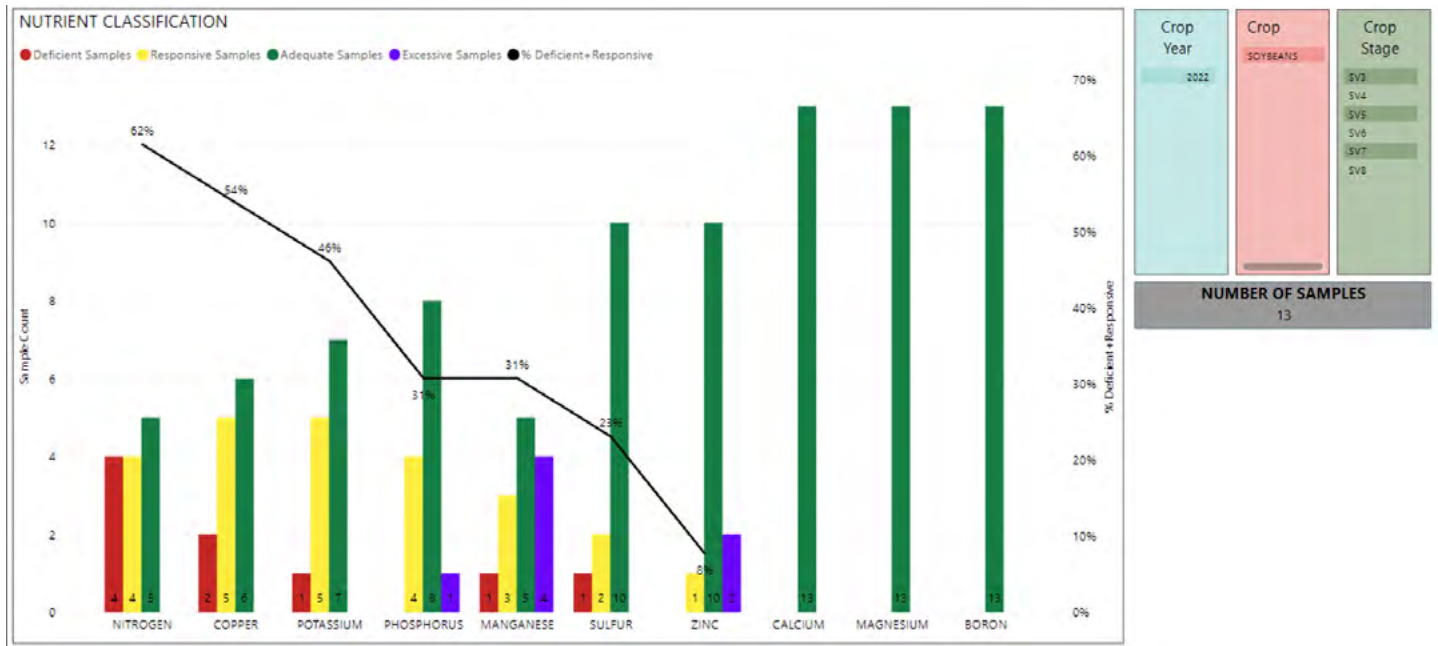
## Diagnostic Sampling to Address any Issues

How many times have you identified areas within a field that are just doing poorly? Perhaps an area is experiencing stunted growth, or some visual symptomology is evident. How do we diagnosis what is going on? More importantly, how do we take a corrective course of action? This is where diagnostic sampling enters.

## 2022 OHIO CORN SAMPLING



## 2022 OHIO SOYBEAN SAMPLING



## PREDICTIVE SAMPLING TO TRACK CHANGES OVER TIME

Tissue samples collected annually, or even multiple times during a growing season, at specific growth stages is known as predictive sampling. Predictive sampling can indicate changes in soil nutrient supply over time and suggest changes that need to be made in the fertilization program. [Reach out to your salesman or the Crop Advantage team to schedule tissue sampling this season.](#)

## ACTING ON THE DATA

Utilizing the data and year-over-year trends from tissue sampling can greatly enhance your return on investment. This data-driven approach optimizes resource allocation, boosts crop health, and ultimately maximizes ROI through improved yields and cost-efficiency. Deficiencies can greatly reduce crop productivity and may not show until later in the development cycle but can be seen in tissue sampling. Consider utilizing [Max-IN ZMB](#) or [Max-IN Flexi Mang](#), designed for application across a broad range of crops and trait platforms.

### MAX-IN® Ultra ZMB®

[MAX-IN® Ultra ZMB®](#) micronutrient is a foliar-applied source of zinc, manganese and boron for use in corn, soybeans, cotton and other crops. For convenient application, the micronutrient can be mixed with other crop nutrients and crop protection products. MAX-IN® Ultra ZMB® contains CornSorb® technology to help increase nutrient availability and uptake by plants.

### MAX-IN® Flexi Mn

A liquid foliar manganese product specifically designed for applications of 2,4-D and dicamba on new herbicide-tolerant soybeans, [MAX-IN® FlexiMn™](#) helps maintain proper tank mix pH and does not increase driftable fines.