



# Want a more productive relationship with your soil? Listen to what it's telling you!

## Get to know your soil

For growers who want to get a better handle on what's really in their soil, and use that information to their advantage, soil sampling is one of the most valuable tools available.

Sampling plays a key role in both crop production and nutrient management. It's really the only way to accurately determine the available nutrients in your soil, and to develop specific, targeted and effective fertilizer recommendations.

By giving you the facts you need to make informed decisions, soil sampling will help you improve your crop yield, grow higher quality crops and use your fertilizer dollars more efficiently so you save money.

## What soil sampling can do for you

- ✓ **Optimize nutrient placement:**  
Proper placement, including fertilizer rates that correctly address the needs of a crop, saves money and can increase yield for greater profitability.
- ✓ **Reduce the impact on the environment and maximize uptake:**  
Growers can increase crop uptake of nutrients and minimize nutrient loss when nutrient prescription is geared to the needs of a particular soil and crop. Variable rate application also allows for more control of fertilizer and crop protection products for environmentally sensitive areas.
- ✓ **Create historical data:**  
An effective fertility testing program is one in which every field is properly sampled and tested on a regular basis. This provides a running inventory for each field, and makes it easier to identify nutrient trends that will determine the effectiveness of your fertility program.

## How our Certified Crop Advisors can help

Many factors can impact the accuracy of soil sampling and, as a result, the success of any nutrient management program. With training in a range of agri-specialties, Sylvite Agri-Services' Certified Crop Advisors provide qualified, expert nutrient management advice.

Our team offers three cost-effective and comprehensive types of soil sampling (as well as crop scouting analysis, GPS field mapping and fertility recommendations) to support growers in their nutrient management efforts. Read on to find out which one is right for you.



## Bulk

The most basic approach, bulk sampling will give you a rough idea of any nutrient deficiencies so you can make more informed decisions. One sample (15 x 6" cores) is taken per 25 acres of field. The field boundary is mapped and nutrient test results provided to the grower.

*While this method doesn't support variable rate application, if you aren't currently doing any testing, bulk sampling might be the place to start.*



## Site Specific

This method samples soil using a basic grid pattern and then shifting the sample points based on topography and visual physical differences in the field. One sample (15 x 6" cores) is taken per one, two and a half, or five acres of field. The field boundary is mapped and the grower receives test results and a detailed map book with soil fertility report. Site Specific sampling gives you accurate data from which to create variable rate fertilizer recommendations and achieve precise fertilizer placement.

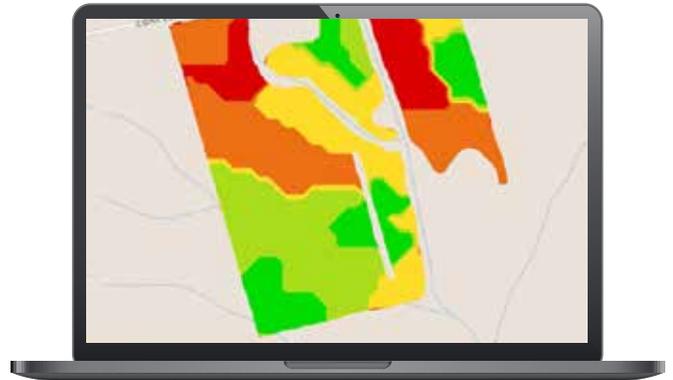
*Site specific sampling also makes it easy to go back and sample the exact same areas to track soil fertility levels over time.*



## Zone

Growers who want to intensively manage their fertility, based on true field variability, often rely on zone soil sampling. This type of sampling uses data layers such as yield data, areal imagery, elevation maps and soil texture maps to identify defined management zones within a field, which are areas of similar attributes (texture, drainage, elevation). One soil sample (15 x 6" cores) is taken per zone, providing detailed and specific data for each area.

*Zone sampling allows producers to take full advantage of variable rate fertilizer spraying or seeding rates.*



# Sylvite

Working Together, Growing Together

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## Talk to us

**Ready to step up your nutrient management efforts and be prepared for nutrient management regulations?**

Give Sylvite Agri-Services a call. All of our soil sampling services can be tailored to your budget, your needs and your goals. And our team of experts is ready to partner with you to create more profit on every field and bushel or pound you sell.

