

# SOIL ANALYSIS

Soil analysis results can vary from sampler to sampler, or even lab to lab. The factors listed below outline some of the top reasons you may be seeing inconsistencies in your results. These are questions and topics we keep in mind to ensure that our growers are getting the most accurate analysis possible to aid in their fertility planning.

1. Varied depth of sampling (Sample at tillage depth).
2. Combining unlike soil areas into one composite sample.
3. Combining soil areas with different past liming, fertilizer, or cropping histories into one composite sample.
4. Combining an insufficient number of sub-samples into composite from extremely varied or land-leveled fields.
5. Attempting to use single composite sample for too large an acreage.
6. Varying amounts of organic matter or undecomposed organic matter in sample.
7. Soft rocks in sample.
8. Forced drying of soil sample at high heat.
9. Soils that have been sampled, dried, or processed in contaminated containers.
10. Improper packaging of samples, allowing contaminants to become part of sample.
11. Mixing sample identity.
12. Improper sampling equipment (Do not use galvanized or cadmium based equipment. Do not lubricate with other than food oil).
13. Poor distribution of manure applications.



## CONTACT US!

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