

SEASONAL EFFECTS ON SOIL SAMPLING SOIL TEST VALUES

You still have time this spring to establish current soil test levels with your producers to prepare for the current growing season and beyond. As we know soil test levels fluctuate naturally through the year. It's why we recommend consistent soil sampling year-over-year. However, if the season ran short last fall, it's still important to sample. Stay in the know; soil sampling is the foundation for a well-planned fertilizer management program. Avoid the guessing, and get your testing done.

BENEFITS OF SPRING SOIL SAMPLING

- Avoid delays in fall fertilizer application after harvest; spreading can be scheduled to be done right after harvest and eliminate the rush to sample and spread before tillage.
- Allow crop residue to leach nutrients like potassium back into the soil for more accurate test results.
- Provide a longer time frame to review and develop a fertilizer program.
- Fewer weather issues.
- You can never have too much data when soil sampling.

Our analyses are the first step in creating high yielding, sustainable agriculture. Other analytical services we offer include:

- Soil & soil health
- Plant tissue
- Nematodes
- Irrigation water
- Stalk nitrate
- Nutrient management
- Manure, biosolids & compost
- Fertilizer and lime
- Feed & forage

HOW TO GET STARTED

- 1 | Create an Account at [MyLab.midwestlabs.com](https://mylab.midwestlabs.com)
- 2 | Order your sampling supplies today.
- 3 | Complete the Submittal Form on our MyLab Portal
- 4 | Receive Results electronically on your MyLab Portal account or via Email
- 5 | You'll be invoiced after your results are reported

POPULAR ANALYTICAL SERVICES INCLUDE:

	Required Sample Size	Turnaround Time	Price
S1A (BASIC)	250g	3 BD	\$11.03 with Recs
			\$9.77 without Recs

Organic Matter, Available Phosphorus (P1 Weak Bray and P2 Strong Bray), Exchangeable Potassium, Magnesium, Calcium and Hydrogen, Soil pH, Buffer Index, Cation Exchange Capacity, Percent Base Saturation of Cation Elements

S3C	250g	3 BD	\$27.83 with Recs
			\$26.78 without Recs

A complete analysis including S1A, S2N and S3 [Organic Matter, Available Phosphorus (P1 Weak Bray and P2 Strong Bray), Exchangeable Potassium, Magnesium, Calcium and Hydrogen, Soil pH, Buffer Index, Cation Exchange Capacity, Percent Base Saturation of Cation Elements, Nitrate-N, Soluble Salts, Sodium, and Excess Lime, Sulfur, Zinc, Manganese, Iron, Copper, Boron] *Recommended if a field has never been sampled before. Recommended for legume crops.*

SOIL HEALTH COMPLETE	250g	3 BD	\$65.00
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Comprised of three components:

1. An in-depth soil analysis (S3C) that will address the chemical aspects of the soil test
2. 1-day CO2C
3. The Haney Test with a Soil Health Calculation

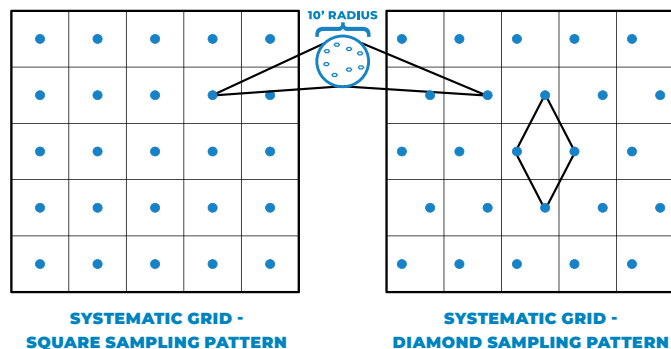


Visit mylab.midwestlabs.com for sampling supplies or questions.

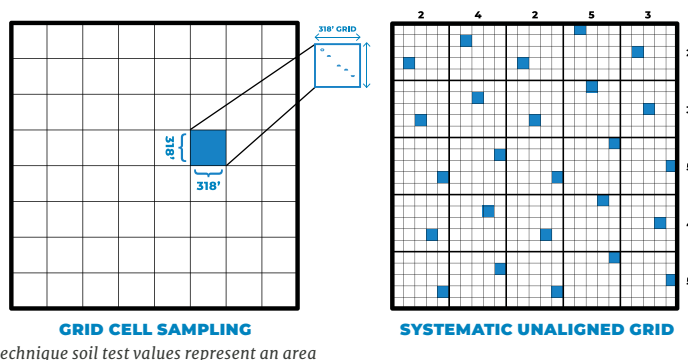
Or contact us at mylab.midwestlabs.com | 402.334.7770 | contactus@midwestlabs.com

Soil tests should be taken in such a manner to maximize their use as a soil fertility index based on comparison between sampling events. Consistency, in the areas of season, location (aided by GPS techniques), crop rotation, soil type and sampling depth must be maintained for proper soil test interpretation.

SAMPLING GRID EXAMPLES



Fill a Midwest Labs Soil Bag to the **RED FILL LINE** (Approximately 2 cups)




A. Report number	7. Buffer index
B. Account	8. Cation Exchange Capacity – (CEC)
C. Report date	9. % base saturation
D. Received date	10. Nitrate-N
E. Information sheet number	11. Sulfur
F. Lab number	12. Zinc
G. Sample identification	13. Manganese
1. Organic matter	14. Iron
2. Phosphorus	15. Copper
3. Potassium	16. Boron
4. Magnesium & calcium	17. Excess lime rate
5. Sodium	18. Soluble salts
6. Soil pH	19. Comments

A REPORT NUMBER
XX-YYY-ZZZZ

B ACCOUNT
DATE
1234

C RECEIVED DATE
D



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E INFORMATION SHEET: 123456

SOIL ANALYSIS REPORT

LAB NUMBER		SAMPLE IDENTIFICATION		ORGANIC MATTER		PHOSPHORUS				POTASSIUM		MAGNESIUM		CALCIUM		SODIUM		pH	CATION EXCHANGE CAPACITY		PERCENT BASE SATURATION (COMPUTED)						
				% LOSS ON IGNITION	% LOSS ON IGNITION	P ₁	P ₂	P ₃	P ₄	K	Mg	Ca	Na	CEC	RECEIVED	% K	% Mg		% Ca	% H	% Na						
F LAB NUMBER	G SAMPLE IDENTIFICATION	1				2				3				4			5	6	7	8		9					

LAB NUMBER		NITRATE-N				SUBSOLUBLE P		SULFUR		ZINC		MANGANESE		MOLYB		COPPER		BORON		SOLUBLE SALTS	
		SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE	SUBSOLUBLE		

(19) COMMENTS:

REV 1/05

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