



AGRICULTURAL SOIL SAMPLING SUMMARY

SAMPLE DELIVERABLE

We map the land, test the water, and know the ground.

AGRICULTURAL SOIL SAMPLING SUMMARY

SAMPLE ONLY | ALL CLIENT NAMES, FIELD IDENTIFIERS, LAB VALUES, INTERPRETATIONS, AND RECOMMENDATIONS IN THIS DOCUMENT ARE FICTITIOUS AND PROVIDED FOR DEMONSTRATION PURPOSES ONLY.

Prepared for	Riverbend Farms, LLC (fictional sample client)
Prepared by	Brooks Geoconsulting
Sample report date	May 10, 2026
Subject property	Fictitious 146-acre row-crop and hay operation, 8845 Mercer Road, Hancock County, Ohio
Sample coverage	Illustrative composite field samples representing north field, south field, and creek flat management zones
Assessment scope	Client-friendly summary of fictional agricultural soil sample results, nutrient interpretation, pH observations, and planning-level management notes
Representative package	Agricultural Soil Sampling Summary - starting at \$450 plus lab fees for a limited-acreage/sample-count scope. Larger fields, zone sampling, or repeat monitoring are quoted separately.

1. Purpose of This Sample

This fictional sample shows how Brooks Geoconsulting may present an agricultural soil sampling summary for a farm owner, tenant, lender, land buyer, or manager who wants laboratory-style nutrient results translated into plain-language field observations and practical management notes.

2. Sampling Overview

For demonstration purposes, the fictional property is divided into three management zones that reflect common differences in drainage, cropping history, and productivity. The sample writeup assumes routine composite sampling from cultivated ground, followed by a straightforward interpretation of pH, phosphorus, potassium, calcium, magnesium, and organic matter trends.

This format is meant to be readable. It does not replace a certified agronomic prescription or a full variable-rate fertility program, but it shows how a client-facing summary can communicate where soil chemistry appears balanced, where lime or fertility pressure may exist, and where drainage or texture differences may affect field performance.

3. Sample Field Results Summary

The table below is fictional and is included only to demonstrate how agricultural sample results may be summarized in a client-facing format.

Field / zone	pH	P	K	Ca	Mg	OM %	Sample interpretation
North Field	5.8	19 ppm	102 ppm	1,420 ppm	168 ppm	2.7	Acidic trend with moderate P and K deficiency pressure.
South Field	6.4	28 ppm	138 ppm	1,860 ppm	214 ppm	3.1	Most balanced field in the sample set, only light maintenance expected.
Creek Flat	6.0	23 ppm	118 ppm	1,610 ppm	192 ppm	4.0	Better organic matter, but wetter ground may limit timing and response.

4. Illustrative Nutrient and Soil Chemistry Flags

The matrix below shows one way a concise issued summary can translate laboratory values into a quick visual read for a client or operator.

Category	North Field	South Field	Creek Flat	What it means in plain language
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Soil reaction	Low	Adequate	Borderline	North Field likely needs the strongest lime attention. Creek Flat may improve with maintenance rather than heavy correction.
Phosphorus	Moderate	Adequate	Moderate	The sample set suggests maintenance fertility may hold South Field while the other zones may respond to a more deliberate build strategy.
Potassium	Low	Adequate	Moderate	K pressure appears strongest in North Field, which may show more yield drag under stress if not addressed.

5. Management Notes and Field-Level Observations

In this fictional sample set, South Field reads like the most stable management zone. The pH and base fertility indicators are closer to where many operators would want them for a maintenance approach, which means inputs there may be more about keeping levels steady than correcting a visible deficiency trend.

North Field is represented as the zone with the clearest correction pressure. In plain terms, this sample suggests a field that could benefit from pH improvement and a firmer potassium program before expecting it to perform like the better-balanced acres. If left alone, this kind of zone often remains the one that lags first during stress years.

Creek Flat shows the classic tradeoff of better organic matter but more management sensitivity. Even where chemistry looks serviceable, wetter ground and variable trafficability can change how consistently nutrients are accessed and how easily fieldwork can be timed.

6. Illustrative Recommendations

- Consider maintenance lime or a stronger corrective lime review for North Field if future sampling continues to show a depressed pH trend.
- Treat South Field as the benchmark zone in this sample, it appears closest to a steady maintenance fertility program.
- Use caution when comparing Creek Flat directly to the upland fields, wetter ground can mask or complicate the relationship between lab chemistry and crop performance.

- Where acres are high-value or consistently variable, the next step in a real assignment could be denser zone sampling or a variable-rate agronomic prescription developed by the appropriate qualified professional.

7. Sample Appendix, Field Details

A finished report can also include a concise appendix that helps the client remember what each management zone represented and why it was sampled separately.

Zone	Represented acres	Crop history	Field note
North Field	58 ac	Corn-soy rotation	Slightly lighter upland ground with lower pH and weaker K in this fictional sample.
South Field	49 ac	Corn-soy rotation	Most balanced sample zone, represented as the comparison field for the farm.
Creek Flat	39 ac	Hay and occasional row crop	Lower field with better organic matter but greater wetness and timing sensitivity.

Prepared by

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Sample preparer: Jacob Brooks / brand demonstration

Date: May 10, 2026

Fine print: Sample content is fictional. Laboratory results are produced by an independent laboratory. This summary is a planning and management aid only and is not a certified agronomic prescription, nutrient management plan, regulatory compliance document, or engineering report.