Servi-Tech Laboratories

SOIL SAMPLE INFORMATION SHEET

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Sent by: ____________________________

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Grower Name ____________________________
(Maximum 23 Characters)

Field Identification ____________________________
(Maximum 16 Characters)

Date Sampled ____________________________

Date Sent ____________________________

N

W E

S

SOIL SAMPLE INFORMATION

	Sample Identification (Can be maximum of ten characters)	Sample Depth	1st Choice: Crop To Be Grown	1st Choice: Yield Goal	2nd Choice: Crop To Be Grown	2nd Choice: Yield Goal	3rd Choice: Crop To Be Grown	3rd Choice: Yield Goal	Past Crop & Yield	Manure to be Applied Ton/A
		to							None	
		to							None	
		to							None	
		to							None	

Sample depth: Give in inches [for example, 0 - 8, 8 - 24].

Manure: Nutrient credit will be given for applied manure.

Please Check Soil Test Desired For Each Sample

Sample Identification	Analysis Packages: 1. Small Grain	2. Basic	3. General	4. Row Crop	5. Complete	6. Forage Legume	7. Lawn & Garden	8. Golf Course & Athletic Turf	9. Soiless Media Extract (SME)	Individual Tests: Nitrate	Aluminum	Ammonium (NH_4-N)	Boron	Chloride	Phosphorus Test: P, Mehlich-3	P, Sodium Bicarbonate	P, Bray-1	Other Tests Please List
	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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Special Comments

☐ Email ____________________________

☐ Fax # ____________________________

SINFO_cp/8-05

Clear Form

Proper Soil Sampling Procedures

All analyses and recommendations are based on the sample we receive at the laboratory. Therefore, we assume that samples are uniform and accurately represent the soil and crop conditions in the area samples.

Tools

The best tools for sampling soil are a stainless steel or chrome plated soil probe and clean plastic buckets. Do not used galvanized tools or rubber buckets because of potential zinc contamination.

Make sure tools are clean to avoid contamination from fertilizer or other soils. Probes can often be borrowed locally or can be purchased from Servi-Tech.

A spade or trowel can be used to take samples in turf or gardens (see illustration).

Sample Size

Soil samples should be taken by collecting at least 12 to 15 cores of uniform size and depth per sample. These cores should be broken up and thoroughly mixed in the plastic bucket. Fill the soil bag about 3/4 full for routine analysis.

Sample Depth

Samples to measure soil fertility should be taken from the surface eight inches of soil. Samples for certain crops, herbicide residues, nematode assays, and diagnostic work may require different sampling techniques. Call the laboratory if you have questions about sampling depth.

Take sample cores from compressed soil to insure a consistent sample depth. On tilled fields, you may need to take the core from the wheel track of the sampling vehicle.

Subsoil nitrate samples should be taken in fields where nitrogen may have carried over from a previous crop. It is useful to take subsoil samples in 12 to 16 inch increments. Put the surface eight inch core in one sampling bucket. Then, take a second core extending from 8 to 24 inches and put it in the other sampling bucket (see illustration). About 5 to 8 subsoil cores should be combined for one sample.

Sample Location

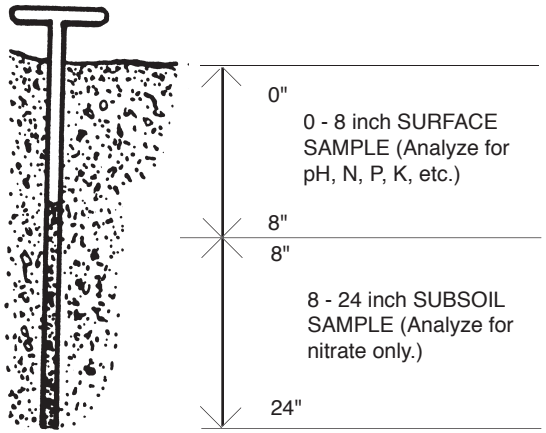
When sampling row crops, take cores 4 to 6 inches to the side of the row. Do not take cores from the furrow bottoms or from directly in the row.

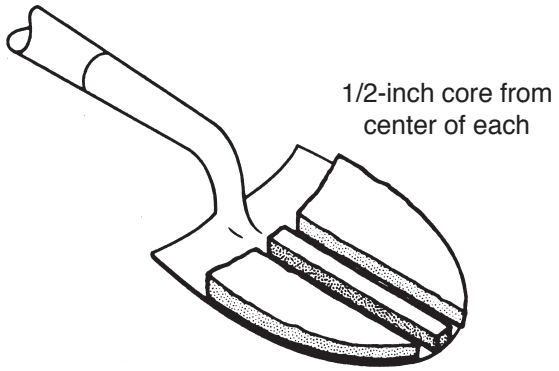
Large areas should be divided into separate sampling units. These separate units should represent the various soil types, cropping patterns, and production history. Representative samples allow you to make more accurate fertilizer and herbicide recommendations.

Field crop samples should represent a maximum area of 40 to 60 acres for best results. Smaller, nonuniform areas in the field (wet spots, eroded spots, etc.) should be sampled separately.

Soil Conservation Service survey maps and field histories can be used to choose sampling units. Figure 1 shows how a large field was divided into five smaller, more representative sampling units according to soil type, slope, and fertilizer history. Note that the "wet spot" was not included in the sample number 1.

Fill out the proper information on the Soil Sample Information Sheet. This includes your sample identification, sampling depth, crop to be grown, yield goal, field information, and the test desired. For more test information contact the laboratory.





(Recommended for turf and garden only)

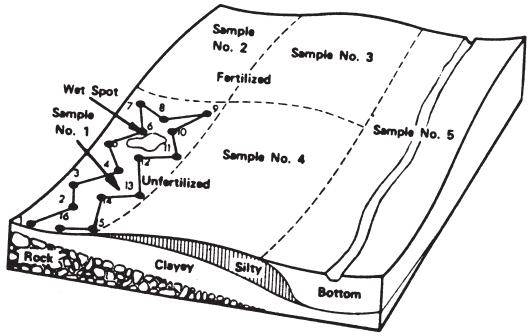


FIGURE 1