

Sample Submission Guide

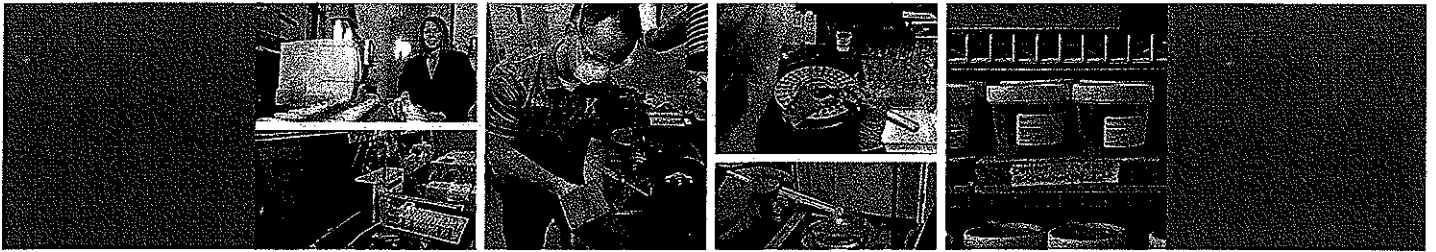
Benefits of Soil Testing— A soil test provides information about the basic fertility of soil. It is the starting point for determining how much and which fertilizers to use. Soil testing can help produce better crops and prevent run off of excess nutrients.

The Kansas State University Soil Testing Laboratory—offers many services to agricultural producers through Kansas and the Midwest: The lab specializes in:

- Soil Testing
- Water Analysis
- Lime Analysis
- Plant, Forage, and grain analysis

How to collect soil samples— Test results are as reliable as the sample collected in the field. Proper collection of soil samples is required to obtain a good test result.

1. To take the sample you need: A soil probe, auger, or spade, a clean plastic pail, soil sample containers (such as pint size plastic bags or soil sampling bag) Soil information forms from your local K-State Research and Extension office or: agronomy.ksu.edu/soiltesting
2. Draw a map of the sample area on the information sheet and divide your fields into uniform areas. Each area should have the same soil texture, color, slope, and fertilization and cropping history.
3. From each sample area collect at least 12-15 cores or slices. Mix thoroughly in a clean plastic pail and fill our soil sample container from this mixture so there are about 2 cups of soil. Row crops should be sampled at 6 inches deep and permanent sod at 4 inches. For available nitrogen, chloride, or sulfur tests, a 24 inch sample is necessary.
4. Avoid sampling in old fencerows, dead furrows, low spots, feeding areas, or other areas that might give unusual results. If information is desired on these unusual areas, obtain a separate sample.
5. Label the soil container clearly. Record the sample identification on the container and information sheet.
6. Repeat the sampling procedure for each area you want tested.



Completing Information Sheets – When completing the information sheets, please be sure to:

- Fill in the general information section at the top.
- Provide complete information for accurate lime and fertilizer recommendations.
- Indicate which tests are desired using the chart on the information sheet.
- For crops, indicate the intended crops, yield goals, and the previous crop.
- Note any special conditions that might exist so we can provide accurate recommendations.

Tests are available into the following packages (or request nutrients individually):

Package	Analysis included	Cost
#1	pH, buffer pH, P, K	\$5.25
#1 + CEC	Package # 1 + Ca, Mg, Na, H	\$9.75
#2	Package #1 + OM, Zn	\$10.25
Salt Alkali	Electrical conductivity, %Na, pH	\$11.50
Profile	NO ₃ , S, Cl, (0-24")	\$8
Environmental	Package #1 + Zn, Cu, with paired surface and sub-soil NO ₃ , Cl	\$19.50
Soil preparation	One time charge per sample	\$1.25
UPS Shipping	Overnight delivery from anywhere in Kansas (flat rate up to 15 lbs)	\$6

Shipping Samples to the Soil Testing Lab – Samples may be left at your local K-State Research and Extension office to be forwarded to the lab. Samples also may be sent directly to the lab. Include information sheets with the package. Printable **UPS shipping** labels available online.

Mail package to: KSU Soil Testing Lab
 2308 Throckmorton Plant Science Center
 1712 Claflin Rd
 Kansas State University
 Manhattan, KS 66056-5503

Payment: check, debit/credit card via telephone or at our website.

For more information about current pricing, volume discounts, UPS shipping labels, online payments, and ordering soil sample bags, visit: www.agronomy.ksu.edu/soiltesting

Phone: 785 532-7897

