

HOW TO COLLECT A SOIL SAMPLE

Using a soil probe, spade, or shovel, collect the **top six inches** of soil from **fifteen random spots** in the desired area. **Mix** those samples together in a clean container and **bring three cups** of this mixed soil to your local Extension office.

Attempt to submit the soil sample within 24-48 hours of collection. Do not allow soil to sit in a sealed bag for a long period of time and please do not bring wet soil. Your soil sample(s) will be sent to the Soil Testing Laboratory at the Oklahoma State University in Stillwater. Fertilizer and soil amendment recommendations are provided based on the lab results and what you would like to grow.

If there is a troublesome area, collect only from that location following the same instructions above and place in a separate bag. Label the bag accordingly.

HOW TO COLLECT A WATER SAMPLE

Turn on the water for **one minute**, then **rinse** any 10+ oz. container several times with that running water, and **fill with 10 oz.** of water. Replace the cap and bring the sample to your local Extension office within 24-48 hours of collection.

ADDITIONAL INFORMATION

We do not provide testing kits. Please use a plastic bag for soil and a disposable water bottle for water. Please do not leave soil or water in a hot vehicle. Thank you.

Please call 405-713-1125 to check the availability of a soil probe.

Payment is due by **cash, check, or card** when the sample is brought to our office at 2500 NE 63rd St., OKC 73111. The results will be emailed to you within three weeks.

Scan me! 



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OSU EXTENSION WEBPAGE TO
FIND PROGRAMS OF INTEREST.

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OUR MISSION

Oklahoma County OSU Cooperative Extension's purpose is education dedicated to improving quality of life with research-based information and services.

Sincerely,

LaDonna Hines
County Extension Director

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CONTACT US

Oklahoma County OSU Extension
2500 NE 63rd Street
Oklahoma City, OK 73111

405.713.1125

OFFICE HOURS

Monday - Friday
8:00am - 4:30pm

We are closed on
campus holidays.



OKLAHOMA COUNTY
EXTENSION

START WITH A SOIL SAMPLE



Oklahoma County
OSU Extension Service
2500 NE 63rd Street
Oklahoma City, OK 73111

Monday - Friday
8:00am - 4:30pm

405-713-1125

Soil, Water & Forage Analytical Laboratory Testing Services and Price List

Oklahoma State University
048 Agriculture Hall
Stillwater, OK 74078
soiltesting@okstate.edu
Additional tests may be available upon request.



SOIL PROPERTY ANALYSES
Soil Fertility

<u>Routine Analysis</u>	\$10
pH, Lime Requirement (Sikora), N, P and K	
<u>Organic Matter</u>	\$8
<u>Nitrate-N and Ammonium-N</u>	\$5
<u>Secondary Nutrients</u>	\$4
Ca, Mg, SO4	
<u>Micronutrients</u>	\$4
B, Cu, Fe, and Zn	
<u>Nitrate-N or Ammonium-N</u>	\$4
NO3-H and NH4-N (1M KCl)	
<u>Subsoil Nitrate-Nitrogen</u>	\$2
(with submission of surface soil)	
Greenhouse Root Media Analyses	
<u>Greenhouse Media</u>	\$20
B, Ca, K, Mg, Na, NO3-N, NH4-N, P, S, EC and pH	

SOIL PROPERTY ANALYSES
Soil Salinity

<u>Salinity Management</u>	\$30
(1:1 soil to water extraction for diagnostic purposes)	
B, Ca, K, Mg, Na, EC, ESP, SAR, TDS	
<u>Comprehensive Salinity</u>	\$70
(saturated paste extraction)	
B, Ca, Cl, K, Mg, Na, NO3-N, SO4, Bicarbonate, Carbonate, EC, ESP, pH, SAR, and TDS	

Soil Texture	
<u>Textural Class</u>	\$14
(Hydrometer Method)	
Percent of Sand, Silt, and Clay	

WATER ANALYSES

<u>Household</u>	\$18
B, Ca, Cl, K, MG, Na, NO3-N, pH, Bicarbonate, Carbonate, EC, Hardness, SAR, Sulfate, TDS	
<u>Irrigation</u>	\$18
B, Ca, Cl, K, MG, Na, NO3-N, pH, Bicarbonate, Carbonate, EC, Hardness, SAR, Sulfate, TDS	
<u>Livestock</u>	\$18
Ca, Cu, Fe, K, Mg, Mn, Na, Zn, Chloride, EC, Hardness, Nitrate, pH, Sulfate, and TDS	
<u>Homebrewer</u>	\$21
Ca, Cu, Fe, K, Mg, Mn, Na, NO3-N, P, Zn, Alkalinity, Chloride, EC, Hardness, pH, Sulfate, and TDS	

PLANT TISSUE ANALYSES

<u>Plant Tissue Analysis</u>	\$23
B, Ca, Cu, Fe, K, Mg, Mn, Total N, P, S and Zn	

FORAGE QUALITY ANALYSES

<u>Nitrate Toxicity</u>	\$6
Nitrate and Moisture	
<u>Protein Only</u>	\$8
Protein (Dry combustion - LECO) and Moisture	
<u>Basic Analysis</u>	\$14
Protein and Moisture, ADF (acid detergent fiber), TDN, Net Energy for Gain, Lactation, Maintenance	
<u>Basic Analysis Plus RFV</u>	\$20
Protein and Moisture, ADF, TDN, Energy, NDF (neutral detergent fiber), and RFV (relative feed value for Alfalfa only)	

FEED & GRAIN ANALYSES

<u>TN or C or Both</u>	\$8
Total Nitrogen and Carbon (dry combustion LECO)	
<u>Minerals</u>	\$15
Ca, Cu, Fe, K, Mg, Mn, P, S, Zn, Moisture	

COMPOST AND ANIMAL WASTE ANALYSES

<u>Test 1</u>	\$30
C, Ca, Cu, Fe, K, Mg, Mn, Total N, Na, P, S, Zn, EC, Moisture and pH	
<u>Test 2</u>	\$6
NH4-N and NO3-N	
<u>Test 3</u>	\$8
Water Soluble P	