



Soil Sampling Program Guidelines

Effective as of January 8, 2024 - Soil Sampling for Private Landowners who pay into West Greeley Conservation District – available only to WGCD taxpayers.

Why perform a soil test? To ensure your crops, and/or gardens are getting the nutrients they need to thrive based on soil nutrients and reducing the excess application of fertilizers, (manures, composts or commercial fertilizers). The elemental conditions that occur naturally can be hidden hindrances to plant health and we may mistake these for a nutrient deficiency in plants.

Knowing the irrigation schedule, irrigation source, historical weather patterns, records of chemical applications, historical crops, tillage practices used/not used, and historical site use can be very beneficial when trying to identify specific plant symptoms. Site specific topography and hydrology are also important factors to take into consideration. Responsible soil management is more than taking a soil sample or applying fertilizer.

Soil sampling timing can affect the soil sample results and plant demands differ throughout growing season.

Regular soil sampling ensures adequate soil nutrient levels to maintain crop yield and reduce nutrient runoff. Always follow the 4 Rights of soil nutrient management - Right Rate, Right Time, Right Place, Right Source!

Please note, West Greeley Conservation District Staff cannot provide you with a specific nutrient management plan for your operation, only best management practice suggestions (such as fact sheets). – Please consult your preferred agronomist for this service.

How many samples can I get? The landowner must be a part of a tax paying household to participate in the soil sampling program and the property to be sampled must also be part of WGCD. Tenants of rented/leased land cannot utilize this service. Each year landowners may get a single basic soil sample complimentary per household. Any additional samples to be collected and submitted by WGCD staff will be charged as follows and will not exceed 9 total samples in a calendar year, per household.

The West Greeley Conservation District prohibits discrimination in all of its programs and activities, including employment, on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, political belief. West Greeley Conservation District is an equal opportunity employer and service provider

Individual Soil Analysis Details:

\$25.75 per sample - Basic soil sample analysis information includes:
pH, Buffer pH, Sum of Cations (CEC), Base Saturation (%), Soluble Salts, Nitrate-Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sodium

\$31.50 per sample - Routine soil analysis information includes pH, Buffer pH, Sum of Cations (CEC), Base Saturation (%), Soluble Salts, Organic Matter, Nitrate-Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Sulfur, Zinc, Iron, Manganese, Copper

\$66.25 per sample - Soil Health Assessment information includes:
BIOLOGICAL: Soil Respiration 24 hour CO₂, H₂O Extract: ammonium-N, nitrate-N, Total N, Total Organic Carbon, Total Organic N; CHEMICAL: Ammonium acetate extract: K, Ca, Mg, Na; DTPA Extract: Zn, Fe, Mn Cu; Mehlich 3 Extract: P (Olsen P or Bray P-1 also available), S; soil pH, Soluble Salts, OM, Sum of Cations (CEC) and Base Saturation; PHYSICAL: Water Stable Aggregates (modified)

<p><i>Soil Sampling Chart of Expenses - <u>due at the time of collection, no exceptions</u></i> <i>Credit Card or Checks for payment.</i> <i>Please make checks payable to: West Greeley Conservation District</i> <i>Prices are subject to change, anytime and without written notice</i></p>		
Staff time for sample collection is \$50.00 per hour and always a \$50.00 minimum		
Total hours of collection: _____	Total due for collection: \$ _____	
Shipping charge to Landowner for samples sent to lab - Pricing as follows		
Number of sample bags:	Shipping Charge	
0 - 3 Bags	\$10.00	
4 - 6 Bags	\$15.00	
7 - 9 Bags	\$20.00	
10 or more bags	Please consult your agronomist for this amount of detail	
Please select the soil analysis below that you are requesting		
Individual Analysis cost	Name of sample analysis	Please note number of samples requiring specific analysis
\$25.75 per sample	Basic Analysis	
\$31.50 per sample	Routine Analysis	
\$66.25 per sample	Soil Health Assessment	
Amount due for all selected soil analysis: \$ _____		
Grand Total Amount due for Soil Sampling Service: \$ _____		
Application Date: _____		Service Date: _____
Landowner(s) Name: _____		
Mailing Address: _____		

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Physical location of sample site or legal description:
Landowner Email:
Landowner phone number:
Landowner observations that created request for soil sample(s):
Landowners scheduled time to fertilize or amend soil:
Current Crop being grown:
Currently grazing or have livestock on sampled property?
Recent crop yield average and crop name: _____

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