Northeast Agroforestry Lab

USDA, ASTM and ASME Soils Analysis, Testing and Consulting

518-664-3970 Schaghticoke, New York 12154

2024 Soil Lab Fees and Packages

Spring Soil Lab Packages

Garden Soil Analysis -$42.00 (Reg Fee $68.00) Includes pH, soil nutrients (N-P-K), USDA Soil Textural Classification with recommendations for both Lime and Fertilizer to optimize your flower or vegetable garden growth.

Turf/Lawn Soils Analysis - $72.00 (Reg Fee $125.00) Includes pH, soil nutrients (N-P-K), USDA Soil Textural Classification, EC, % Organics, and Trace- macro availability, with recommendations for both Lime and Fertilizer to sustain turf health and viability.

Food Plot Soils Analysis - $65.00 (Reg Fee $93.00) Includes pH, soil nutrients (N-P-K), USDA Soil Textural Classification and EC, with recommendations for both Lime and Fertilizer to optimize maximum return on your plotting investment and wildlife attraction sustainability. Submit samples early as woodland Lime requirements generally take weeks in advance to stabilize soils.

On-site Soils Sampling is available daily and some Saturdays @ $25.00-$45.00/hour. **Please call the office at 518-664-3970.**

Basic Lab Fees for Individual Selection:

pH only	$13.00	Sulfur and Boron	$ 8.00
Nutrient Analysis (N-P-K)	$20.00-45.00	Organics	$40.00-50.00
USDA Soil Textural Classification	$35.00-60.00	Macro/trace Chem Elements	$13.00-15.00
Electrical Conductivity (EC)	$15.00-20.00	Nutrient/pH consult report	$15.00-45.00

Soils Science Testing, Compaction, Haney, Percolation, Consulting:

*Compaction and Density	$100.00-165.00	*Basic Ag Horizon Profile	$20.00-50.00
*Haney Protocol	$55.00-65.00	*Soils Percolation	$150.00-900.00
*Horizon Profile	$150.00-450.00	*Investigation, Consult and Reports	$65.00/hour
Soil Fertility testing	$20-45.00		

* Require on-site sampling, investigation and consultation.

Lawn and Garden Testing -Lawn and garden soil testing is generally a basic soil test that looks at pH levels, organic matter levels and soil fertility. A lawn and garden soil test can also help determine if there's too much fertilizer in the soil. The pH levels can help determine which plants or type of grass will grow best in your plot and lawn.

USDA Soil Textural Classification -A soil texture test reveals the composition of the soil. Soil textures range from sandy to clay. Different soil textures suit certain plants and crops better than others. A soil texture test also establishes the absorption rate of your lime and fertilizer application based on the specific soil type which can help with planting decisions plant types specifically for your soils and admixture.

Fertility Testing -Soil fertility testing measures the soil's receptiveness to planting. Soil fertility testing analyzes nitrogen, potassium and phosphorus levels to determine fertility. Testing can include detecting other micronutrient element levels and pH levels.

Profile Testing-Basic soil profile testing includes pH levels, phosphorus levels, potassium levels, lime levels needed, organic matter percentage and an estimate of the soil's texture. Soil texture can range from sand to clay, depending on the size of the particles in the soil. A very comprehensive soils report of what's in your dirt.

Compaction Testing-A compaction test determines the compaction level of soil, or its density. Dense, compact soil can make for difficult growing conditions. Compacted soil can make root growth difficult and lead to smaller plants or crops. Testing can often assist in predicting hydrologic transfer through various soils.