

Landscape		
Level 1	Fertility Test: Nutrients, pH, recommendations	\$15
Level 2	Problem Solver (soil/plant suitability test): Nutrients, pH, soluble salt level, organic matter content, soil textural class, recommendations	\$45
Level 3	Topsoil Evaluation: Nutrients, pH, soluble salt level, organic matter content, percentages of sand/silt/clay, soil textural class, gravel content, recommendations	\$75

Organic Media		
	Greenhouse (soilless) Potting Media: Nutrients, pH, electrical conductivity, available nitrogen (nitrate and ammonium) by saturated media extract	\$50
	Compost/Basic: pH, electrical conductivity, nitrate-nitrogen by saturated media extract, maturity index	\$60
	Compost/Technical: pH, electrical conductivity, available nitrogen (nitrate and ammonium) by saturated media extract, organic matter content, total Kjeldahl nitrogen, C:N ratio, maturity index, moisture content, coarse/inert fragment content, Report FAXed	\$125
	Compost Available Nutrients: Add to either compost test above; water-soluble P, K, Ca, Mg, Cu, Mn, Zn, B by saturated media extract	\$10
	Compost Total Nutrients: Add to either compost test above; total P, K, Ca, Mg, Cu, Mn, Zn, B,	\$40

Soil Testing – Fees, instructions, etc.
<http://njaes.rutgers.edu/soiltestinglab/>

Mo in ashed compost sample

Sport Turf

Golf/ Sports Turf Fertility Test:

Nutrients, pH, estimated CEC & cation saturation, recommendations

\$1
5

Golf/ Sports Turf Total Fertility Test:

Nutrients, pH, estimated CEC & cation saturation, soluble salt level, organic matter content, soil textural class, recommendations

\$4
5

Sand-based Root Zone Test:

Nutrients, pH, estimated CEC & cation saturation, recommendations, soluble salt level, organic matter content by loss-on-ignition, percentage fines, recommendations

\$4
5

*Organic matter content would be determined by Loss-on-ignition for golf course greens, as described by USGA guidelines.

Technical

Permeability Class Rating:

Percentages sand/silt/clay, sieve analysis of sand, gravel content, report FAXed

\$100

Acid-producing soil test:

pH before and after oxidation, level of sulfate for determination of acid sulfide/sulfate soil or sediment. Report FAXed

\$40

Topsoil Evaluation:

Fertility, pH, soluble salt level, organic matter content, percentages of sand/silt/clay, soil textural class, gravel content, visual assessment. Report FAXed

\$80

Ecological Research Test:

Nutrients, pH, estimated CEC & cation saturation, soluble salts, organic matter content, percentages of sand/silt/clay, soil textural class, TKN, Inorganic N. Report FAXed

\$110

Compost/Technical:

Nutrients, pH, electrical conductivity, inorganic nitrogen by saturated media extract, organic matter content, total Kjeldahl nitrogen, C:N ratio, respiration test, moisture content, coarse/inert fragment content, Report FAXed

\$125

Individual Special Soil Tests ("a la carte")**Soil pH and Lime Requirement Only**

\$10

Soluble Salt Test

\$10

Soil Organic Matter Content

\$15

Loss-on-ignition OM (LOI)

\$15

Soil Texture (sand/silt/clay %)

\$30

USDA Sieve Analysis of Sand

\$50

Custom Sieve Analysis (client specified)

\$15/sieve

Gravel (>2mm) Size Distribution

\$10

Inorganic Nitrogen

\$20

Total (Kjeldahl) Nitrogen

\$20

Cation Exchange Capacity (CEC) or Exchangeable Cations

\$50

CEC & Exchangeable Cations

\$75

Lead Screening by Mehlich 3

\$15

Soil Water Content, as received

\$10

Other Analyses

Water Analysis for Irrigation: pH, soluble salt content, nitrate-nitrogen, phosphorus, iron

\$20

Plant Tissue Analysis: N, P, K, Ca, Mg, Cu, Mn, Zn, B, Fe, Mo

by
arrange-
ment

Fee Adjustments

Express Processing: per sample, turnaround will depend on tests and total number of samples in batch, includes faxing of report

\$50

Special Reporting Requirements for example percent passing format for sieve analysis, calculations of coefficient of uniformity, particle size distribution graph, compliance of results to specifications, recommendations to meet specifications, critique of specifications

\$180/hour
calculated in 15
minute
increments

**Publications Related to Natural Resources,
Landscaping, Turf Management**

<http://njaes.rutgers.edu/pubs/category.asp?cat=6>