



In addition to the standard analyses, soil tests may be customized to meet your individual testing needs. Below is a list of the standard tests, available options, and prices (effective January 2018). For more information about the soil testing service or for help filling out a soil test form, please call 603-862-3200 or email [soil.testing@unh.edu](mailto:soil.testing@unh.edu).

### Home Grounds & Garden

Standard Gardening	Includes extractable calcium, magnesium, potassium, phosphorus, soil pH, organic matter content, and a lead screening analysis. Both conventional and organic fertilizer recommendations are given	\$17.00
Soil pH only	Soil pH - lime recommendations only	\$7.00
Organic Matter Content	Percentage of organic matter content	\$5.00
Texture class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00

### Non-Commercial Hay & Pasture

Field Soil Test	Includes extractable calcium, magnesium, potassium & phosphorus, along with pH & Mehlich lime buffer pH. Results include Cation Exchange Capacity (CEC), base saturations & phosphorus saturation	\$12.00
Organic Matter	Percentage of organic matter content	\$5.00
Texture Class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00

Soil pH only	Soil pH, lime recommendations only	\$7.00
Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00

### **Commercial Fruit**

Field Soil Test	Includes extractable calcium, magnesium, potassium & phosphorus, along with pH & Mehlich lime buffer pH. Results include Cation Exchange Capacity (CEC), base saturations & phosphorus saturation	\$12.00
Organic Matter	Percentage of organic matter content	\$5.00
Texture Class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
Soil pH only	Soil pH, lime recommendations only	\$7.00
Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00

### **Commercial Vegetable**

Field Soil Test	Includes extractable calcium, magnesium, potassium & phosphorus, along with pH & Mehlich lime buffer pH. Results include Cation Exchange Capacity (CEC), base saturations & phosphorus saturation	\$12.00
Organic Matter	Percentage of organic matter content	\$5.00
Texture Class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
Soil pH only	Soil pH - lime recommendations only	\$7.00

Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00
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**High Tunnel**

New Tunnel Test	Includes pH, Macronutrients and organic matter content	\$17.00
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Established Tunnel Test	Includes New Tunnel test and Soluble Salts	\$23.00
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Nitrate - Nitrogen		\$8.00
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Ammonium - Nitrogen		\$10.00
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Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
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Soluble Salts		\$6.00
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**Commercial Field Nursery**

Nursery Field Soil	Includes extractable calcium, magnesium, potassium, phosphorus and soil pH. Conventional fertilizer recommendations	\$12.00
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Organic Matter Content	Percentage of organic matter content	\$5.00
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Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
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Soil pH only	Soil pH, lime recommendations only	\$7.00
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Texture Class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
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**Commercial Landscape**

Standard Landscape	Includes extractable calcium, magnesium, potassium, phosphorus and soil pH. Conventional fertilizer recommendations	\$12.00
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Organic Matter	Percentage of organic matter content	\$5.00
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Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
Soil pH only	Soil pH - lime recommendations only	\$7.00
Organic Landscape Recommendations	Includes extractable calcium, magnesium, potassium, phosphorus, organic matter content and soil pH. Organic fertilizer recommendations	\$17.00
Texture class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00

### **Commercial Corn, Forage & Pasture**

Field Soil Test	Includes extractable calcium, magnesium, potassium & phosphorus, along with pH & Mehlich lime buffer pH. Results include Cation Exchange Capacity (CEC), base saturations & phosphorus saturation	\$12.00
Organic Matter Content	Percentage of organic matter content	\$5.00
Texture Class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00
Soil pH only	Soil pH - lime recommendations only	\$7.00

## Compost

Standard Compost, Feedstock Analysis	includes percent solids (and moisture), organic matter, pH, soluble salts, total nitrogen, total carbon and the carbon to nitrogen ratio (C:N). This test is recommended as an initial test for feedstocks to help determine appropriate mixing ratios	\$40.00
Standard Compost, Extracted Macro Nutrients	includes standard feedstock plus ammonium nitrogen, phosphorus and potassium	\$55.00
Standard Compost, Total Nutrients	includes standard feedstock plus ammonium nitrogen, phosphorus, potassium, aluminum, calcium, magnesium, manganese, sodium, copper, iron, sulfur and zinc	\$70.00
Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00

## Christmas Trees

Field Soil Test	Includes extractable calcium, magnesium, potassium & phosphorus, along with pH & Mehlich lime buffer pH. Results include Cation Exchange Capacity (CEC), base saturations & phosphorus saturation.	\$12.00
Organic Matter	Percentage of organic matter content	\$5.00
Texture Class	Percentage of sand, silt, & clay particles and the corresponding textural class	\$25.00
Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
Soil pH only	Soil pH - lime recommendations only	\$7.00

## Biosolids

Biosolids test	Includes organic matter determination extractable calcium, magnesium, potassium, & phosphorus, with pH & Mehlich lime buffer pH. Results include Cation Exchange Capacity (CEC), base saturations & phosphorus saturation	\$17.00
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Micronutrients	Includes extractable copper, iron, manganese & zinc	\$6.00
Heavy Metals	Determines the total sorbed levels of cadmium, copper, lead, nickel, chromium & zinc using EPA methods	\$65.00
<b>Non-Standard Tests</b>		
Soluble Salts		\$6.00
Total Lead		\$27.00
Arsenic		\$27.00
Mercury		\$35.00
Molybdenum		\$27.00
Selenium		\$27.00
Arsenic, Selenium & Molybdenum		\$65.00
Soil Nitrate		\$8.00
<b>Plant Tissue Test</b>		\$26.00

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