

Michigan State University Soil & Plant Nutrient Laboratory

Tests and Fees

Soil Analysis

Test #	Type	Includes:	Price
1A	Regular FC	pH, lime requirement, P, K, Ca, Mg, cation exchange capacity, base saturation (for field/crops, wildlife food plots)	\$ 13.00
1B	Regular LG	pH, lime requirement, P, K, Ca, Mg, cation exchange capacity, base saturation, organic matter, hand texture (for home lawns and gardens)	\$ 25.00

Additional Soil Testing

Test #		Price	Test #		Price
2A	Zinc	\$ 5.00	3A	PSNT	\$ 12.00
2B	Manganese	\$ 5.00	3B	PSNT + NH ₄	\$ 16.00
2C	Copper	\$ 5.00	3C	NO ₃ -N	\$ 12.00
2D	Iron	\$ 5.00	3D	NO ₃ + NH ₄	\$ 16.00
2E	Zn + Mn Stickers	\$ 9.00	3E	Sodium	\$ 9.00

(saves \$1.00 per sample - sold in (10) lots)

3F	Chloride	\$ 14.00	3K	CEC	\$ 40.00
3G	Soluble Salts	\$ 8.00	3L	Boron	\$ 9.00
3H	Organic Matter	\$ 8.00	3M	Sulfur	\$ 9.00
3I	pH	\$ 7.00	3N	Lead	\$ 30.00
3J	Total Nitrogen	\$ 20.00	3O	Arsenic	\$ 30.00

Note: Tests 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H are \$2.00 less if run with a regular soil test.

4	Saturated Media (for artificial growth media, general quality of compost) Includes: pH, soluble salts, Nitrate-N, P, K, Ca, Mg, Na, Cl and nutrient balance	\$ 32.00
5	Particle Size (% sand, % silt, % clay, soil type)	\$ 24.00
6	Sand Classification (USGA size limits by wet sieving)	\$ 35.00
7	Peat for Sale	\$ 20.00
8	Phosphorus Adsorption Isotherm	\$ 70.00
9	Sodium Adsorption Ratio	\$ 35.00

Compost Analysis

Test #	Type	Includes:	Price
10A	Total Nutrient	Total N, P, K, Ca, Mg, Na, Zn, Mn, Cu, Fe, B, S, Al (for material to be used as a nutrient source)	\$ 32.00
10B	General Quality	pH, soluble salts, Nitrate-N, P, K, Ca, Mg, Na, Cl and nutrient balance (for material to be used directly as a part of a growth medium)	\$ 32.00
10C	Solvita Maturity		\$ 40.00
10D	Volatile Solids	Organic matter, moisture, pH	\$ 15.00
10E	C:N Ratio	Total C, Total N, organic matter	\$ 32.00
10F	Bulk Density		\$ 10.00

Limestone Analysis

11A	Complete	Includes: % MgCO ₃ , moisture, dry sieve	\$ 45.00
11B	Neutralizing Value		\$ 15.00
11C	Sieve (wet or dry)		\$ 15.00
11D	MgCO ₃ only		\$ 15.00

Marl Analysis

12A	Complete	Includes: Neutralizing value, % MgCO ₃ , % moisture, CaCO ₃ equiv/cu yd	\$ 45.00
12B	Partial	Includes: Neutralizing value, % moisture, CaCO ₃ equiv/cu yd	\$ 30.00
12C	MgCO ₃ only		\$ 15.00
12D	Ca + Mg only		\$ 18.00

Water Analysis

13A	Complete	Includes: soluble salts, alkalinity, pH, N, P, K, Ca Mg, Na, Cl (not for determining potability of water)	\$ 32.00
13B	Soluble Salts		\$ 8.00
13C	Alkalinity		\$ 8.00
13D	Nitrate-N		\$ 8.00
13E	NO ₃ + NH ₄		\$ 12.00

Corn Stalk Analysis

14E	Stalk Nitrate		\$ 15.00
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Miscellaneous

14F	Soiltex pH Kits		\$ 10.00
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Discount for box orders over 100 boxes - call lab for discount information.

Rush analysis may be available when prior arrangements are made. An additional rush fee may be applied.