

Soils are analyzed to determine plant available nutrients in order to identify potential nutrient deficiencies that could occur in crops.

Description	Cost	Code	Send Sample To:	Recommendations Included?
Routine Soil Test - P, K, Ca, Mg, Zn, pH, buffer pH	\$ 6	01	Lexington or Princeton	Yes
Organic Matter	\$ 5	OM	Lexington or Princeton	No
Boron	\$ 4	BO	Lexington	No
Micronutrients (B, Mn, Cu, Fe)*	\$ 12	23	Lexington	No
Soluble Salts	\$ 4	SS	Lexington	No
Presidedress Nitrate test – This test will be offered when Princeton is rebuilt.	\$ 8		Princeton	Yes
Heavy Metals (Cd, Cr, Ni, Pb, Zn, Cu)*	\$ 21	05	Lexington	No
Total Nitrogen	\$ 4	TN	Lexington	No
Sand, Silt, Clay & Textural Class	\$ 24	07	Lexington	No
Cation Exchange Capacity, Bases & Base Saturation	\$ 19	08	Lexington	No
Potential Acidity	\$ 20	PA	Lexington	No
Water Holding Capacity	\$ 4	20	Lexington	No
Calcium Carbonate Equivalence	\$ 4	X6	Lexington	No

* Testing for individual elements is available. Call for pricing

Plant Nutrient Analysis can provide insight to plant nutrient deficiencies that may occur during various growth stages.

This test will be offered when Princeton is rebuilt.

Description	Cost	Send To:	Recommendations Included?
N, P, K, Mg, Ca, Zn, Cu, B, Mn, S, Fe	\$ 16	Princeton	No

Animal Waste is tested to determine nutrient contents to allow for proper land application.

Description	Cost	Send Sample To:	Recommendations Included?
% moisture (if solid), N, P, K, Ca, Mg, Zn, Cu, Fe, Mn	\$ 25	Lexington	No

Water used for irrigation and nutrient solutions are analyzed for nutrient content to ensure adequate plant growth. Tests are not conducted for human or animal drinking water suitability.

Description	Cost	Send Sample To:	Recommendations Included?
pH, conductivity, alkalinity, NO ₃ -N, P, K, Ca, Mg, Zn, Cu, Fe, Mn	\$ 15	Lexington	Yes

Soiless Media used to grow various horticultural plants in greenhouse or container nursery conditions are tested for nutrient content.

Description	Cost	Send Sample To:	Recommendations Included?
pH of paste; P, K, Ca, Mg, NO ₃ -N, and salts in saturation extract	\$ 15	Lexington	Yes

Mine spoils are tested to determine fertilizer requirements for land reclamation and potential acidity due to oxidation of sulfide minerals.

Description	Cost	Code	Send Sample To:	Recommendations Included?
Potential acidity & Standard soil test (P, K, Ca, Mg, Zn, pH, buffer pH)	\$ 26	01,PA	Lexington	No

Note: Shipping costs are the responsibility of those submitting the sample.