

A basic soil test that gives readings for soil acidity (pH), calcium (Ca), phosphorus (P), potassium (K), and magnesium (Mg) levels is sufficient for most home gardeners.

- Additional tests, including lead (Pb), recommended for food gardens, are offered by most labs for an additional fee.
- University of Delaware includes lead in its basic “Home Lawn and Garden Soil Test.”
- Most labs offer homeowner and commercial soil testing. Select the appropriate category.
- Reports include recommendations for specified crop (e.g. lawn, vegetable garden, etc.).
- Test results usually available online for fast, efficient reporting.

Publications: [Lead in Garden Soils HG18](#); [Soil Test Basics HG11](#); [Selecting and Using a Soil Testing Laboratory HG110](#)

AGRI ANALYSIS, INC

800-464-6019

PO Box 483 280 Newport Rd., Leola, PA 17540

<http://www.agrianalysis.com/>

Basic Test Includes: pH, P, K, Ca, Mg, CEC, OM

AGROLAB, INC

302-566-6094

101 Clukey Dr., Harrington, DE 19952

<http://www.agrolab.us/>

Basic Test Includes: pH, P, K, Mg, Ca, CEC, OM

SPECTRUM ANALYTIC, INC.

1-800-321-1562

1087 Jamison Rd., Washington Court House, OH 43160

<http://www.spectrumanalytic.com/>

Basic Test Includes: pH, P, K, Ca, Mg, CEC, OM

PENN STATE AGRICULTURAL ANALYTIC SERVICES LAB

814-863-0841

Tower Road, University Park, PA 16802

<http://agsci.psu.edu/aasl>

Basic Test Includes: pH, P, K, Ca, Mg

UNIVERSITY OF DELAWARE SOIL TESTING PROGRAM

302-831-1392

152 Townsend Hall 531 S. College Ave., Newark, DE 19716

<http://extension.udel.edu/dstp>

Basic Test Includes: pH, P, K, Ca, Mg, Mn, Cu, Zn, Fe, B, S, Al, Pb, OM

UMASS SOIL AND PLANT TISSUE TESTING LAB ²

413-545-2311

203 Paige Laboratory, 161 Holdsworth Way, Amherst, MA 01003

<http://soiltest.umass.edu/>

Basic Test Includes: pH, P, K, Ca, Mg, Mn, Cu, S, Zn, Fe, B, Pb, Al, CEC

WAYPOINT ANALYTICAL (formerly A&L Eastern Ag. Labs, Inc.)

804-743-9401

7621 Whitepine Rd., Richmond, VA 23237

<http://www.aleastern.com>

On the homepage look under “resources,” click on “submittal forms,” and then Waypoint Analytical Virginia

Basic Test Includes: pH, P, K, Ca, Mg, CEC, OM

Soil nutrient symbols are explained in the publication:
[Selecting and Using a Soil Testing Laboratory HG110](#)

1. **Basic soil tests are typically \$9 - \$20. Any additional testing will increase the cost. Please contact lab for current pricing before submitting your sample. Include payment with your sample.**
2. **Farmers and growers who fall under the jurisdiction of the Maryland nutrient management regulations should not use the University of Massachusetts, because of the analytic methods used by that lab.**

The University of Maryland, College of Agriculture and Natural Resources programs are open to all and will not discriminate against anyone because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry, or national origin, marital status, genetic information, or political affiliation, or gender identity and expression.

Labs and links current as of 6/2017