

## Laboratories for Soil Testing and Plant Analysis

Joseph R. Heckman, Ph.D., Extension Specialist in Soil Fertility

The following list of laboratories will test soil and plant samples for farmers, crop consultants, or the general public. A brief list of available services is provided; contact the laboratory for more information and fees. Furthermore, you should contact the laboratory before sampling for the necessary containers and sample handling procedures.

Several different methods of soil fertility analysis are used in soil test laboratories. The Mehlich-3 soil test method is the most appropriate soil fertility test for New Jersey soils. The Mehlich-1 method may also be used.

The interpretation of the soil test results are specific for the particular soil test/method employed. For interpretation of soil fertility test results, refer to Rutgers Cooperative Extension fact sheet 719.

The interpretation of plant tissue analysis is generally the same among samples submitted to different laboratories. For interpretation of plant analysis results refer to Rutgers Cooperative Extension fact sheets that are available for specific crops and nutrients. For a wider range of crops and nutrients refer to Plant Analysis Handbook II, MicroMacro Publishing, Inc.

### Laboratories

### Testing Services

Rutgers Soil Testing Laboratory  
 P.O. Box 902  
 Milltown, NJ 08850  
 (732)932-9295  
<http://www.rce.rutgers.edu/rceinfo/soiltestlab/soiltestlab.htm>

Mehlich-3 Soil Fertility Test  
 Soil Test for Lead

Brookside Laboratory, Inc.  
 308 South Main Street  
 New Knoxville, OH 45871  
 (419)753-2448  
<http://www.blinc.com>

Mehlich-3 Soil Fertility Test  
 Presidedress Soil Nitrate Test  
 Soil Test for Lead  
 Plant Tissue Analysis  
 Animal Waste Analysis

Agricultural Analytical Services Laboratory  
 Pennsylvania State University  
 University Park, PA 16803  
 (814)863-0841  
<http://www.agronomy.psu.edu/AASL/aasl.htm>

Mehlich-3 Soil Fertility Test  
 Presidedress Soil Nitrate Test  
 Soil Test For Lead  
 Plant Tissue Analysis  
 Manure Analysis  
 Sewage Sludge Analysis

Spectrum Analytic, Inc  
 P.O. Box 639  
 Washington Courthouse, OH 43160  
 (800)321-1562  
 (614)335-1562  
<http://info@spectrumanalytic.com>

Mehlich-3 Soil Fertility Test  
 Presidedress Soil Nitrate Test  
 Plant Tissue Analysis

Agri-Analysis, Inc  
 280 Newport Road  
 P.O. Box 483  
 Leola, PA 17540  
 (717)656-9326

Mehlich-3 Soil Fertility Test  
 Presidedress Soil Nitrate Test  
 Plant Tissue Analysis



Laboratories	Testing Services
University of Maryland Soil Test Laboratory College Park, MD 20742 (301)405-1352 <a href="http://www.agnr.umd.edu/users/agron/soil_testing/tour.htm">http://www.agnr.umd.edu/users/agron/soil_testing/tour.htm</a>	Mehlich-1 Soil Fertility Test
A+L Eastern Agricultural Laboratories, Inc. 7621 Whiteline Road Richmond, VA 23237 (804)743-9401 <a href="http://www.al-labs.com">http://www.al-labs.com</a>	Mehlich-3 Soil Fertility Test Presidedress Soil Nitrate Test Soil Test for Lead Plant Tissue Analysis Animal Waste Analysis
Agronomic Division North Carolina Department of Agriculture P.O. Box 27647 Raleigh, NC 27611 (919)733-2656 <a href="http://agronomy.agr.state.nc.us/">http://agronomy.agr.state.nc.us/</a>	Mehlich-3 Soil Fertility Test Plant Tissue Analysis Animal Waste Analysis
University of New Hampshire Analytic Services Laboratory Spaulding Life Science Center 38 College Road Durham, NH 03824 (603)862-3212 <a href="http://aslan.unh.edu/procedures/">http://aslan.unh.edu/procedures/</a>	Mehlich-3 Soil Fertility Test Presidedress Soil Nitrate Test Soil Test for Lead Plant Tissue Analysis
University of Delaware Soil Testing Laboratory 149 Townsend Hall Newark, DE 19717-1303 (302)831-1392	Mehlich-1 Soil Fertility Test Mehlich-3 Soil Fertility Test Presidedress Soil Nitrate Test Soil Test for Lead
University of Connecticut Soil Testing Laboratory 2019 Hillside Rd. Box U-102 Storrs, CT 06269 (860)486-4274 <a href="http://www.lib.uconn.edu/CANR/plsci/stlab.htm">http://www.lib.uconn.edu/CANR/plsci/stlab.htm</a>	Presidedress Soil Nitrate Test
West Virginia University Ag Science Building Morgantown, WV 26506 (304)293-6258 Ext. 4312	Mehlich-1 Soil Fertility Test

Every effort has been made to ensure the accuracy of this list. If errors or omissions are noted please contact:  
**Joseph R. Heckman, Ph.D., Extension Specialist in Soil Fertility.**  
 Phone: (732)-932-9711 Ext.119  
 E-mail: [heckman@aesop.rutgers.edu](mailto:heckman@aesop.rutgers.edu)

Mention or display of a trademark, proprietary product, or firm in text or figures does not constitute an endorsement by Rutgers Cooperative Extension and does not imply approval to the exclusion of other suitable products or firms.

© 2004 by Rutgers Cooperative Research & Extension, NJAES, Rutgers, The State University of New Jersey.

Desktop publishing by Rutgers-  
 Cook College Resource Center

**RUTGERS COOPERATIVE EXTENSION  
 N.J. AGRICULTURAL EXPERIMENT STATION  
 RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY  
 NEW BRUNSWICK**

Revised: January 2003

Distributed in cooperation with U.S. Department of Agriculture in furtherance of the Acts of Congress on May 8 and June 30, 1914. Rutgers Cooperative Extension works in agriculture, family and community health sciences, and 4-H youth development. Dr. Karyn Malinowski, Director of Extension. Rutgers Cooperative Research & Extension provides information and educational services to all people without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, or marital or family status. (Not all prohibited bases apply to all programs.) Rutgers Cooperative Research & Extension is an Equal Opportunity Program Provider and Employer.