

**Comparison of Soil Test Labs  
(Labs Participating in the 2000 Sample Exchange)  
(1/6/10 update)**

Lab	Cost	Analyses	Comments	Soil Submission Form on Website?	Ordering Supplies
A & L Eastern Agricultural Lab 7621 Whitepine Road Richmond, VA 23237 Ph: 804-743-9401 <a href="http://www.al-labs-eastern.com">www.al-labs-eastern.com</a>	<b>\$8.20 (Mehlich-3)</b> without recs  <b>\$9.70 (Bray-Ammonium Acetate)</b> without recs	<b>Basic Mehlich Package (S1)</b> OM, P, K, Ca, Mg, Ca, pH, buffer pH, CEC, percent base saturation of cations  <b>Basic (Bray-Ammonium Acetate) Package (SA1)</b> OM, P, K, Ca, Mg, Ca, pH, buffer pH, CEC, percent base saturation of cations	Several micronutrient combinations are also available. See Schedule of Fees.	Yes. Go to <a href="http://al-labs-eastern.com/forms/Soil.pdf">http://al-labs-eastern.com/forms/Soil.pdf</a>  Choose "Submittal Form" next to Soil Analysis.	Order form is on the website.  <a href="http://al-labs-eastern.com/forms/SupplyOrderForm.pdf">http://al-labs-eastern.com/forms/SupplyOrderForm.pdf</a>  Choose "Download the Supply Order form."
Agri Analysis, Inc. a division of Pioneer Water Testing Laboratory, Inc. 280 Newport Road PO Box 483 Leola, PA 17540 Ph: 717-656-9326 <a href="http://www.agrianalysis.com">www.agrianalysis.com</a>	<b>\$6.50 commercial</b> <b>\$8.00 private</b>  <b>\$8.25 commercial</b> <b>\$10.00 private</b>	<b>SBA</b> pH, buffer pH, lime requirement, P <sub>2</sub> O <sub>5</sub> , K <sub>2</sub> O, Ca, Mg, CEC  <b>SBOM</b> SBA+OM  Also have several analyte lists with trace elements (see website).	Lab has pick-up locations in Frederick, Walkersville, Woodsboro, and Taneytown. <10 samples - \$5.00; 10-20 samples - \$0.50 each; >20 samples - \$10.00  See website for routes.  Reduced shipping rates are also available through DHL.	Yes. Go to <a href="http://www.agrianalysis.com">www.agrianalysis.com</a>  Click on "Resources."  Scroll down to the Soil Information heading and click on "Soil Request Form Page 1."	Call 717-656-9326 or send e-mail to <a href="mailto:info@agrianalysis.com">info@agrianalysis.com</a> for bags and info sheets.
Brookside Laboratories, Inc. 308 South Main Street New Knoxville, OH 45871 Ph: 419-753-2448 <a href="http://www.blinc.com">www.blinc.com</a>	<b>Will be determined by a consultant</b>	<b>SOO1</b> pH, OM, Mehlich-3 P, Mn, Zn, B, Cu, Fe, Al, CEC, percent base saturation of cations, S, Bray II P	Brookside does not provide recs. Consultants develop the recs. Brookside prefers to receive samples from their consultants only.	Yes.  <a href="http://www.blinc.com/worksheet_pdf/SoilWorksheet.pdf">www.blinc.com/worksheet_pdf/SoilWorksheet.pdf</a>	Call 419-753-2448 to order soil bags.

**NOTES:**

- **ASSUME PAYMENT MUST BE INCLUDED WITH SAMPLES.**
- Organic matter (OM) is an important soil property to track but is not offered in some basic packages. Producers are advised to request OM even if they choose a lab that charges an additional fee for the information.
- Soil texture is not offered by most labs and is very expensive by those who do offer it. Obtain information from soil survey after determining the dominant mapping unit of a field.
- Sample depths should be 8 inches.
- There is no need to request recommendations from the soil test labs.
- Web pages are updated frequently and addresses for the soil information sheets may change. If this occurs, go to the lab's home page and follow the links to the soil information sheet.

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Spectrum Analytic, Inc. PO Box 639 1087 Jamison Road NW Washington Court House, OH 43160 Ph: 800-321-1562 <a href="http://www.spectrumanalytic.com">www.spectrumanalytic.com</a>	<b>\$8.00</b>  <b>\$12.00</b>	<b>S1</b> pH, buffer pH, OM, P, K, Ca, Mg, CEC, percent base saturation of cations  <b>S2</b> Basic package plus <u>any 3</u> of the following - B, Cu, Fe, Mn, S, Zn	Dealer price is available to MCE or other consultants. Soil info form would have to indicate "MCE" under "company," and the sample must be sent by the MCE office. Report comes back to MCE, not the grower. Checks from individual growers are OK.	Yes. Go to  <a href="http://www.spectrumanalytic.com">www.spectrumanalytic.com</a>  Click on the desired form.	Order form is on the website.  <a href="http://www.spectrumanalytic.com/services/supplies/">www.spectrumanalytic.com/services/supplies/</a>
University of Delaware Soil Testing Program 152 Townsend Hall 531 S. College Avenue Newark, DE 19717-1303 Ph: 302-831-1392 <a href="http://ag.udel.edu/other_websites/DSTP/">http://ag.udel.edu/other_websites/DSTP/</a>	<b>\$10.00</b>	<b>M3 Routine Analysis</b> pH, buffer pH, OM, P, K, Ca, Mg, Mn, Zn, Cu, Fe, S, B		Yes. Go to  <a href="http://ag.udel.edu/other_websites/DSTP/forms1.htm">http://ag.udel.edu/other_websites/DSTP/forms1.htm</a>  Click on the desired form.	Call 302-831-1392 or e-mail <a href="mailto:kgartley@Udel.edu">kgartley@Udel.edu</a>  Soil bags are purchased for \$10.00, which includes the price of analysis.

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Waters Agricultural Laboratories, Inc. PO Box 382 257 Newton Highway Camilla, GA 31730-0382 Ph: 229-336-7216 <a href="http://www.watersag.com">www.watersag.com</a>	<b>\$7.00</b>	<b><u>Routine Test 1</u></b> pH, buffer pH, P, K, Ca, Mg, CEC, percent base saturation of cations plus <u>any 2</u> of the following – Zn, Mn, Fe, Cu, B	Waters has UPS ARS labels available and will pay for shipping of cartons, which contain 25 or more samples of any kind – soil, manure, or plant tissue.	Yes. Go to  <a href="http://www.watersag.com">www.watersag.com</a>	Order form is on the web site.  <a href="http://www.watersag.com">www.watersag.com</a>
	<b>\$6.00</b>	<b><u>Basic Test 2</u></b> pH, buffer pH, P, K, Ca, Mg, CEC, percent base saturation of cations	Waters offers both Melich-1 and Melich-3 extraction methods. All Maryland samples should be analyzed using Melich-1. Confirm the extraction method in the upper left corner of the report. If Melich-3 was used, contact a regional specialist for the appropriate conversion.	Click on the “Soil Analysis” link (#1).  Scroll down to the SUPPLIES section and click on the desired form.	Click on the “Sampling Supplies” link (#18). (UPS ARS labels can be ordered here.)
	<b>\$10.00</b>	<b><u>Basic Test 3</u></b> pH, buffer pH, P, K, Ca, Mg, CEC, percent base saturation of cations, Zn, Mn, Fe, Cu, B  Other packages are available. Check web site.			
	<b>\$0.75</b> (If requested along with other soil tests.)	<b><u>OM</u></b>			

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