

STAR Lab
SAMPLE REQUEST FORM

Researcher / PI _____ Date _____
Department _____
Address _____
Email Address _____ 100W # _____
Sample Description: _____

Submit samples to: STAR Lab / OARDC
113a Williams Hall
1680 Madison Avenue
Wooster, Ohio

Web Site: <http://www.oardc.ohio-state.edu/starlab>
phone: 330-263-3683
Email: starlab@osu.edu

Enter Number of samples by Sample Type and Check desired analyses

_____ Check here to save samples for customer pickup, or samples will be discarded 30 days after completion

<p><u>Soil & Sediments</u></p> <p>_____ Standard (pH, LTI, P, K, Ca, Mg, CEC) _____ Mehlich 3 Extraction & ICP analysis _____ pH _____ Soluble Salts _____ Organic Matter by LOI _____ Nitrate Nitrogen _____ Total Nitrogen _____ Total Carbon _____ Total Sulfur</p> <p>Major Elements by ICP analysis _____ Perchloric Acid Digestion _____ Microwave Digestion(EPA 3051)</p> <p>Complete Elements by ICP analysis _____ Perchloric Acid Digestion _____ Microwave Digestion(EPA 3051)</p> <p>_____ Special Soil Extractions (Listed on web site) _____</p>	<p><u>Plant Tissue, Feed or Animal Tissue</u></p> <p>_____ % Moisture / Dry Matter _____ % Ash Content _____ pH _____ Total Nitrogen _____ Total Carbon _____ Total Sulfur _____ Nitrate Nitrogen _____ Chlorides _____ ADF _____ NDF _____ ADF-N</p> <p>Major Elements by ICP analysis _____ Ashing & Acid Dissolution _____ Perchloric Acid Digestion _____ Microwave Digestion</p> <p>Complete Elements by ICP analysis _____ Perchloric Acid Digestion _____ Microwave Digestion</p>	<p><u>Water & Runoff</u></p> <p>_____ pH _____ Soluble Salts _____ Filterable Residue _____ Total Dissolved Solids _____ Alkalinity _____ Acidity _____ Ammonium Nitrogen</p> <p>Mineral analysis by ICP after filtering _____ Major elements _____ Complete Elements</p> <p>Mineral analysis by ICP after Digestion _____ Major elements _____ Complete Elements</p> <p>Anion analysis by Ion Chromatograph _____ FI _____ Cl _____ Br _____ NO3 _____ PO4 _____ SO4</p>
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<p><u>Compost, Manure or Sludge</u></p> <p>_____ pH _____ Soluble Salts _____ Total Solids / % Moisture _____ Volatile Solids / % Ash Content _____ Total Nitrogen _____ Total Carbon _____ Inorganic Carbon _____ Total Sulfur _____ Nitrate Nitrogen _____ Ammonium Nitrogen</p>	<p><u>Soiless Mixes</u></p> <p>_____ Standard Analysis Including: pH, Soluble Salts, Nitrate-N Water Extraction(P, K, Ca, Mg)</p> <p>_____ DTPA Extraction (B, Cu, Fe, Mn, Zn)</p>	<p><u>Special Sample Analysis</u></p> <p>_____ HF Microwave Digestion _____ Microwave Digestion _____ Total Neutralizing Power _____ Total Nitrogen _____ Total Carbon _____ Inorganic Carbon _____ Total Sulfur _____ As or Se analysis by Hydride AA _____ Hg analysis by Cold Vapor AA</p>
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EPA 3051 Microwave Digest & ICP analysis
_____ Major Elements
_____ Complete Elements

Majors = P, K, Ca, Mg, S, Al, B, Cu, Fe, Mn, Mo, Na, Zn
Complete = Majors + As, Ba, Be, Cd, Co, Cr, Li, Ni, Pb, Sb, Se, Si, Sr, V

Lab Use:
Log Number _____ Number of Sample _____ Date Received _____ By: _____
03/2006