

**Date Submitted:** \_\_\_\_\_ **File #:** \_\_\_\_\_ **# Samples Submitted** \_\_\_\_\_  
**Client Name:** \_\_\_\_\_ **Consultant:** \_\_\_\_\_  
**Address:** \_\_\_\_\_ **Sampled By:** \_\_\_\_\_

<b>Office Use</b>	
Form #: _____	Due Date: _____
No. Samples Rec'd: _____	
Date Rec'd: _____	
Rec'd By: _____	

Check box if data is to be:  Fax # \_\_\_\_\_  e-mail: (address) \_\_\_\_\_

Soil Audit Format:	ppm: ___ yes ___ no		Report unit: pick one: <input type="checkbox"/> lb/ac <input type="checkbox"/> lbs/1000 sq. ft. <input type="checkbox"/> kg/ha				Sample Depth: ___ inches ___ cm			
(16 Characters ea.)	Sample 1 (8 characters ea)		Sample 2 (8 characters ea)		Sample 3 (8 characters ea)		Sample 4 (8 characters ea.)		Sample 5 (8 characters ea)	
<b>Sample Location</b>	<b>ID Space #1</b>	<b>ID Space #2</b>	<b>ID Space #1</b>	<b>ID Space #2</b>	<b>ID Space #1</b>	<b>ID Space #2</b>	<b>ID Space #1</b>	<b>ID Space #2</b>	<b>ID Space #1</b>	<b>ID Space #2</b>

**Please check desired package (Soil):** S001 S001P S001A S001B S001N S001AN S001BN S002 S003 S004 S004LM  
S005 S006 S006W=client water S007 S015 S008 S009 S009LM S010 S011 S171 S110 S180 S251  
**(Manure, Fertilizer, Lime):** Z001 Z002 Z003 Z004 X001 X002 X003 L001 L002

Other \_\_\_\_\_ If other tests are required on certain samples, note the samples below and specify the test by index code. (See backside.)

## SOIL ANALYSIS

CODE	TEST PACKAGE/DESCRIPTION
S001	<b>STANDARD SOIL, includes:</b> pH, Organic Matter, Sulfur, Est. N. release, Exchangeable Ca-Mg-K-Na, Bray II Phos., Exchange Capacity, % Base Saturation of Cation, MIII Extractable P-Mn-Zn-B-Cu-Fe-Al
S001P	<b>STANDARD SOIL, includes:</b> pH, Organic Matter, Sulfur, Est. N. release, Exchangeable Ca-Mg-K-Na, Bray I Phos., Exchange Capacity, % Base Saturation of Cation, MIII Extractable P-Mn-Zn-B-Cu-Fe-Al
S001A	<b>STANDARD SOIL, includes:</b> Standard S001, SMP/Sikora Buffer pH, No Bray II Phos.
S001B	<b>STANDARD SOIL, includes:</b> Standard S001, SMP/Sikora Buffer pH, No Bray II Phos. (Exchange capacity and % Base Saturations are calculated using SMP/Sikora Buffer pH)
S001N	<b>STANDARD SOIL, includes:</b> Standard S001 and S110
S001AN	<b>STANDARD SOIL, includes:</b> Standard S001A and S110
S001BN	<b>STANDARD SOIL, includes:</b> Standard S001B and S110
S002	<b>TOTAL SOIL ANALYSIS, includes:</b> Total Phosphorus, Calcium, Magnesium, Potassium, Sodium, B, Fe, Mn, Cu, Zn, Al
S003	<b>SOIL-LESS MEDIA, includes:</b> pH, Salt, NO <sub>3</sub> , NH <sub>3</sub> , Calcium, Magnesium, Phosphorus, Potassium, Sodium, Sulfur, B-Mn-Zn-Fe-Al-Mo
S004	<b>COMPLETE PHYSICAL ANALYSIS, includes:</b> Particle Size, O.M. by Ash, Sand Fractions, Saturated Hydraulic Conductivity, 30 cm Moisture Retention, Non Capillary Pore Space, Capillary Pore Space, Total Pore Space, Bulk Density, Particle Density, pH, Visual Classification
S004LM	<b>COMPLETE PHYSICAL ANALYSIS (LAB MIX)</b>
S005	<b>GREENHOUSE/NURSERY SOIL ANALYSIS, includes:</b> S001, S260, S110
S006	<b>SATURATED SOIL PASTE, includes:</b> pH, Ca-Mg-K-Na-B-Fe-Mn-Cu-Zn-Al, Soluble Salts, Chloride, NO <sub>3</sub> , Bicarbonate ESP (calculated), SAR (calculated), NH <sub>4</sub>
S006W	<b>SATURATED SOIL PASTE, includes:</b> Same as S006 but the lab uses <b>client</b> water instead of DI water
S007	<b>STANDARD SOIL, includes</b> Standard S001, SMP/Sikora Buffer pH, Available Nitrogen (NO <sub>3</sub> + NH <sub>3</sub> ), KCl extractable Al, Total Acidity, (Exchange Capacity and % base saturation includes KCl ext. Al)
S015	<b>ALKALINE SOIL STANDARD, includes:</b> pH, Organic Matter, Est. N. release, Ammonium Acetate Ca, Mg, K, Na, S, Olsen Phosphorus, Exchange Capacity, % Base Saturation of Cation, DTPA Extractable Fe, Mn, Cu, Zn
S008	<b>BUNKER SAND CHARACTERISTICS, includes:</b> S180, S237, S249, S269, S252, S136
S009	<b>MOISTURE CURVE PACKAGE, includes:</b> S004, plus Moisture Retention Curve
S009LM	<b>MOISTURE CURVE PACKAGE (LAB MIX)</b>
S010	<b>NUTRIENT SOLUBILITY ANALYSIS, includes:</b> pH, Ca, Mg, K, Na, B, Fe, Mn, Cu, Zn, Al, S
S011	<b>GREENS MIX QC, 24 HOUR TURNAROUND, includes:</b> <u>Silt &amp; Clay (Reported together)</u> , Gravel, Organic Matter, Sand Fractions, Saturated Hydraulic Conductivity
S171	<b>MECHANICAL ANALYSIS, includes:</b> % sand, silt, clay (Hydrometer) ASTM D422

## FERTILIZER ANALYSIS

CODE	TEST PACKAGE/DESCRIPTION
X001	<b>STANDARD FERTILIZER, includes:</b> Total Nitrogen, Available Phosphorus, and Potassium
X002	<b>STANDARD FERTILIZER + MINERALS, includes:</b> X001, plus Sodium, Calcium, Magnesium, Iron, Manganese, Copper, Zinc, and Boron
X003	<b>LIQUID GREENHOUSE FERTILIZER, includes:</b> pH, Conductivity, Chloride, NO <sub>3</sub> , NH <sub>3</sub> , Sulfur, Calcium, Magnesium, Sodium, Phosphorus, Potassium, Boron, Iron, Manganese, Zinc, Copper, Aluminum, Molybdenum, Cobalt

## ANIMAL WASTE (MANURE) ANALYSIS

CODE	TEST PACKAGE/DESCRIPTION
Z001	<b>STANDARD MANURE ANALYSIS, includes:</b> Moisture, Organic Matter, Mineral Matter, Nitrogen, Phosphorus, Potassium, NO <sub>3</sub> -N and NH <sub>4</sub> -N
Z002	<b>STANDARD PLUS MINERALS, includes:</b> Z001, plus Calcium, Magnesium, Sodium, Sulfur, Iron, Manganese, Copper, Zinc, Boron, NO <sub>3</sub> -N and NH <sub>4</sub> -N
Z003	<b>NITRATES AND AMMONIA, includes:</b> NO <sub>3</sub> -N and NH <sub>4</sub> -N
Z004	<b>COMPOST ANALYSIS, includes:</b> Moisture, Organic Matter, Mineral Matter, Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Sulfur, Iron, Manganese, Copper, Zinc, Boron, C/N Ratio, pH

## LIME ANALYSIS

CODE	TEST PACKAGE/DESCRIPTION
L001	<b>STANDARD LIME ANALYSIS, includes:</b> Calcium, Magnesium, and Fineness
L002	<b>STANDARD LIME PLUS MINERALS, includes:</b> L001, plus Sodium, Potassium, Sulfur, Iron, Manganese, Copper, Zinc, and Boron

## HERBICIDE/PESTICIDE ANALYSIS

CODE	TEST PACKAGE/DESCRIPTION
IO010	AATREX (ATRAZINE)
IO120	CHLORPYRIFOS (LORSBAN, DURSBAN)
IO130	2,4-D
IO367	GLYPHOSATE
IQ001	<b>HERBICIDE SCREEN #1, includes:</b> Imazapyr (Arsenal), Imazaquin (Scepter), Imazethapyr (Pursuit)
IQ002	FULL HERBICIDE SCREEN
IQ003	FULL INSECTICIDE SCREEN
IQ063	FULL FUNGICIDE SCREEN
IQ012	<b>AGRICULTURAL PESTICIDES, includes:</b> Azinphos Methyl, Chlorpyrifos, Demeton, Diazinon, Disulfoton, Ethoprop, Malathion, Parathion-methyl, Phorate
EE549	<b>AUDUBON MONITORING CORE (NO PESTICIDES), includes:</b> DO, EC, Ammonia, Nitrate, pH, Total Phosphorus
EE522	<b>AUDUBON MONITORING, includes:</b> All Audubon Monitoring Core & 3 herbicides/pesticides