

## Analysis for ICP Potting Soil

last updated March 4, 2009

<b>Soil Characteristics</b>	pH	6.3
	Organic Matter Content % (Dry wt. basis)	54.5
	Ash % (Dry wt. basis)	45.50
	Bulk Density (g/cc)	0.49
	Hydration Index (HI)	0.95
	Hydraulic Conductivity (cm/hr)	48
	Moisture (% w/w)	59.11
	Lime Carbonate (CaCO <sub>3</sub> ) %	39.0
<b>Primary Nutrients (mg/L)</b>	Ammonia (NH <sub>4</sub> -N)	25
	Nitrate (NO <sub>3</sub> -N)	26
	Phosphorus (P)	56
	Potassium (K)	314
<b>Secondary Nutrients (mg/L)</b>	Calcium (Ca)	77
	Magnesium (Mg)	33
	Sulfate (SO <sub>4</sub> -S)	23
<b>Trace Nutrients (mg/L)</b>	Copper (Cu)	0.17
	Zinc (Zn)	0.59
	Iron (Fe)	28
	Manganese (Mn)	0.60
	Boron (B)	1.80
	Fluoride (F)	0.00
<b>Soluble Salts</b>	Salts (TDS)	904
	Salts (me/L)	14
	Ece (mS/cm)	1.40
<b>Toxic Compounds (mg/L)</b>	Nitrite (NO <sub>2</sub> -N)	0.00
	Un-ionized (NH <sub>4</sub> -N)	0.00
	Sodium (Na)	243
	Chloride (Cl)	194