

Analysis for ICP Seed Starter Mix

last updated March 4, 2009

Soil Characteristics	pH	6.1
	Organic Matter Content % (Dry wt. basis)	45.1
	Ash % (Dry wt. basis)	54.90
	Bulk Density (g/cc)	0.47
	Hydration Index (HI)	0.97
	Hydraulic Conductivity (cm/hr)	25
	Moisture (% w/w)	54.47
	Lime Carbonate (CaCO ₃) %	27
Primary Nutrients (mg/L)	Ammonia (NH ₄ -N)	40
	Nitrate (NO ₃ -N)	29
	Phosphorus (P)	57
	Potassium (K)	336
Secondary Nutrients (mg/L)	Calcium (Ca)	95
	Magnesium (Mg)	36
	Sulfate (SO ₄ -S)	32
Trace Nutrients (mg/L)	Copper (Cu)	0.13
	Zinc (Zn)	0.55
	Iron (Fe)	24.00
	Manganese (Mn)	0.65
	Boron (B)	1.80
	Fluoride (F)	0.20
Soluble Salts	Salts (TDS)	999
	Salts (me/L)	16
	Ece (mS/cm)	1.6
Toxic Compounds (mg/L)	Nitrite (NO ₂ -N)	0
	Un-ionized (NH ₄ -N)	0
	Sodium (Na)	247
	Chloride (Cl)	216