Turf and Ornamental Soil Analysis Report

Spectrum Analytic
1087 Jamison Road NW
Washington Court House, OH 43160-8748
www.spectrumanalytic.com

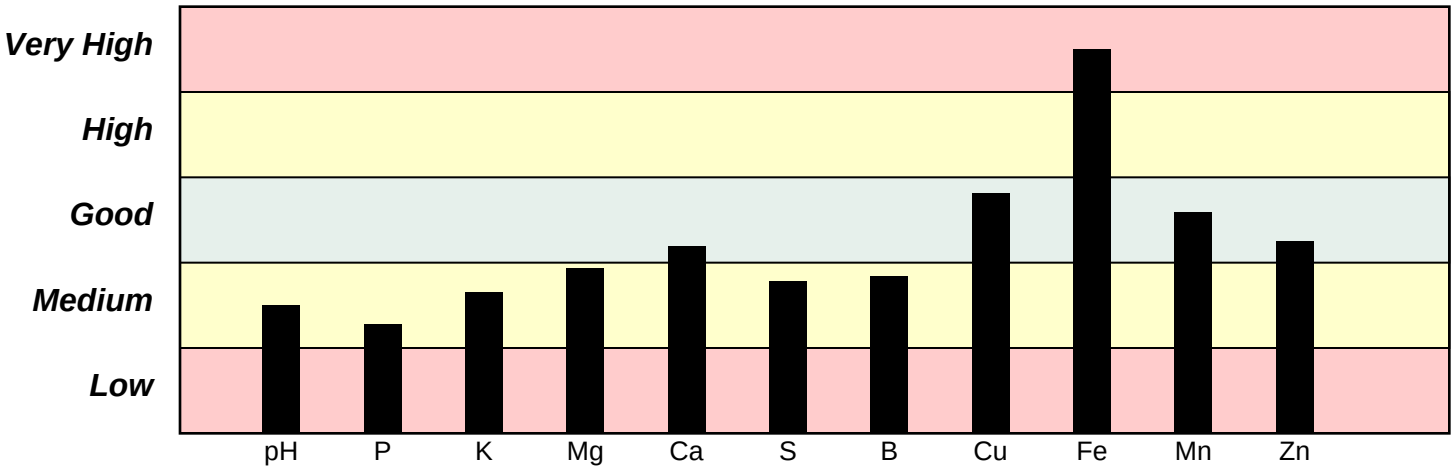
PLANT LIFE LAWN CARE
RR # 1
ATTICA, OH 44807

Prepared For
12345 MICHELLE HOMEOWNER 4597 EAST STATE ROUTE 18 TIFFIN, OH 44883

Sample Information			
Sample	A1	Sampled	05-10-2006
Lab Number	Y12345	Tested	05-11-2006

Analysis		Result	Optimal
Soil pH		5.6	6.0-6.8
Buffer pH		6.8	
Organic Matter	%	3.3	
CEC		7.4	
K Saturation	%	3.2	2.0-4.0
Mg Saturation	%	13.8	10-20
Ca Saturation	%	49.5	50-70
Na Saturation	%	1.2	0-10
K/Mg Ratio		0.8	
Ca/Mg Ratio		7.0	
Phosphorus	m3-ppm	34	50-80
Potassium	m3-ppm	109	130-220
Magnesium	m3-ppm	140	140-280
Calcium	m3-ppm	982	900-1500

Analysis		Result	Optimal
Sulfur	m3-ppm	18	20-40
Boron	m3-ppm	0.8	0.9-1.7
Copper	m3-ppm	4.7	Varies
Iron	m3-ppm	150	9-40
Manganese	m3-ppm	21	Varies
Zinc	m3-ppm	5.7	3.9-10.9
Sodium	m3-ppm	21	
Soluble Salts	mmhos/cm	0.15	No Data
Nitrate-N	ppm	95	



Recommendations		Nutrients expressed in broadcast lbs/1000 sqft, except Fe (foliar) and Mn (row)										
Yr	Crop	CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn
11	Bluegrass, Kentucky, Turf	30D	4.0	2.5	2.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0
12	Trees, Deciduous-Undefined		3.0	1.5	2.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0
13	Flowers, Mixed Perennial		2.3	2.5	2.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0

Lime expressed in 100% pure CaCO3. Adjust accordingly. D=Dolomitic. C=Calcitic.

Bluegrass, Kentucky, Turf: Where controlled release N is not used, split N application into thirds (March-May-Sept.). Monitor and adjust nutrient program with annual tissue analysis.

Trees, Deciduous-Undefined: Limit N to 1 lb./1000 sq. ft. within dripline in year 1. Split N 50% early spring and 50% late summer. Fertilized area under tree starts 2 ft. from trunk, to 3 ft. outside of dripline. Adjust future fertilizer rates based on annual leaf analysis.

Flowers, Mixed Perennial: Split N application 33% each as pre-emerge, plus 14 and 45 days post-emerge. Adjust fertilizer rates according to annual leaf analysis.