

Turf and Ornamental Soil Analysis Report

Spectrum Analytic

1087 Jamison Road NW
Washington Court House, OH 43160-8748

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SPECTRUM ANALYTIC INC
1087 JAMISON RD NW
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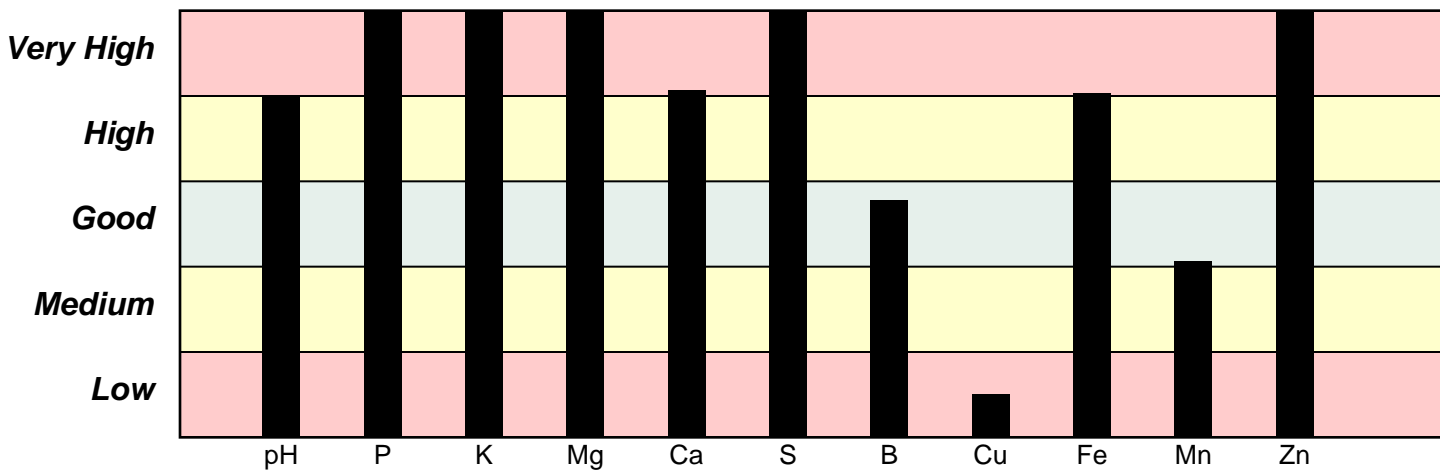
Prepared For

Sample Information

Sample GREENHOUSE
Lab Number

Sampled
Tested

Analysis	Result	Optimal	Analysis	Result	Optimal
Soil pH	7.6	6.2-7.0	Sulfur	m3-ppm 248	20-40
Buffer pH			Boron	m3-ppm 2.4	1.7-2.6
Organic Matter	% 9.0		Copper	m3-ppm 3.8	Varies
CEC	25.0		Iron	m3-ppm 105	9-40
K Saturation	% 7.3	2.0-4.0	Manganese	m3-ppm 107	Varies
Mg Saturation	% 30.1	10-20	Zinc	m3-ppm 50.5	3.9-10.9
Ca Saturation	% 60.1	50-70	Sodium	m3-ppm 144	
Na Saturation	% 2.5	0-10	Soluble Salts	mmhos/cm 1.21	No Data
K/Mg Ratio	0.8		Nitrate-N	ppm 117	
Ca/Mg Ratio	5.9		Aluminum	m3-ppm 568	
Phosphorus	m3-ppm 234	40-60	K, NH4Ac - pH 8.2	ppm 821	
Potassium	m3-ppm 847	230-340	Mg, NH4Ac - pH 8.2	ppm 622	
Magnesium	m3-ppm 1024	300-490	Ca, NH4Ac - pH 8.2	ppm 3110	
Calcium	m3-ppm 6050	3300-4700	Na, NH4Ac - pH 8.2	ppm 128	



Recommendations

Yr	Crop	CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn

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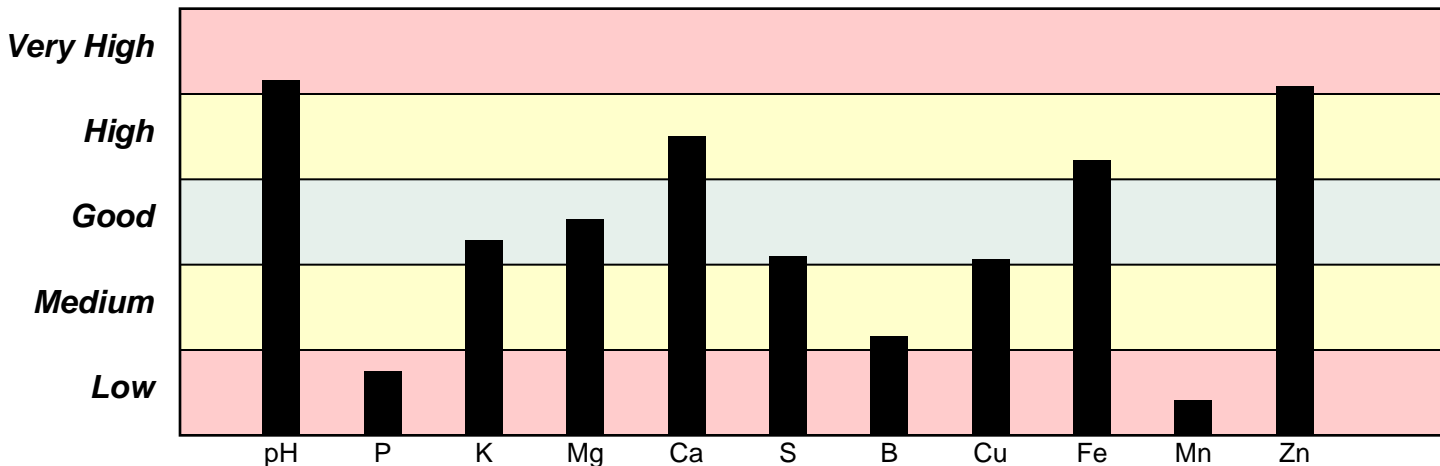
Prepared For

Sample Information

Sample FIELD
Lab Number

Sampled
Tested

Analysis	Result	Optimal	Analysis	Result	Optimal
Soil pH	7.3	5.9-6.6	Sulfur	m3-ppm 22	20-40
Buffer pH			Boron	m3-ppm 0.9	1.7-2.6
Organic Matter	% 11.9		Copper	m3-ppm 2.3	Varies
CEC	15.1		Iron	m3-ppm 55	9-40
K Saturation	% 3.0	2.0-4.0	Manganese	m3-ppm 18	Varies
Mg Saturation	% 15.7	10-20	Zinc	m3-ppm 19.2	3.9-10.9
Ca Saturation	% 80.0	50-70	Sodium	m3-ppm 48	
Na Saturation	% 1.4	0-10	Soluble Salts	mmhos/cm 0.18	No Data
K/Mg Ratio	0.6		Nitrate-N	ppm 15	
Ca/Mg Ratio	10.0		Aluminum	m3-ppm 1192	
Phosphorus	m3-ppm 16	40-70	K, NH4Ac - pH 8.2	ppm 193	
Potassium	m3-ppm 207	180-270	Mg, NH4Ac - pH 8.2	ppm 172	
Magnesium	m3-ppm 322	240-390	Ca, NH4Ac - pH 8.2	ppm 1750	
Calcium	m3-ppm 3218	2000-2800	Na, NH4Ac - pH 8.2	ppm 41	



Recommendations

Yr	Crop	CaCO3	N	P2O5	K2O	Mg	S	B	Cu	Fe	Mn	Zn