Turf and Ornamental Soil Analysis Report

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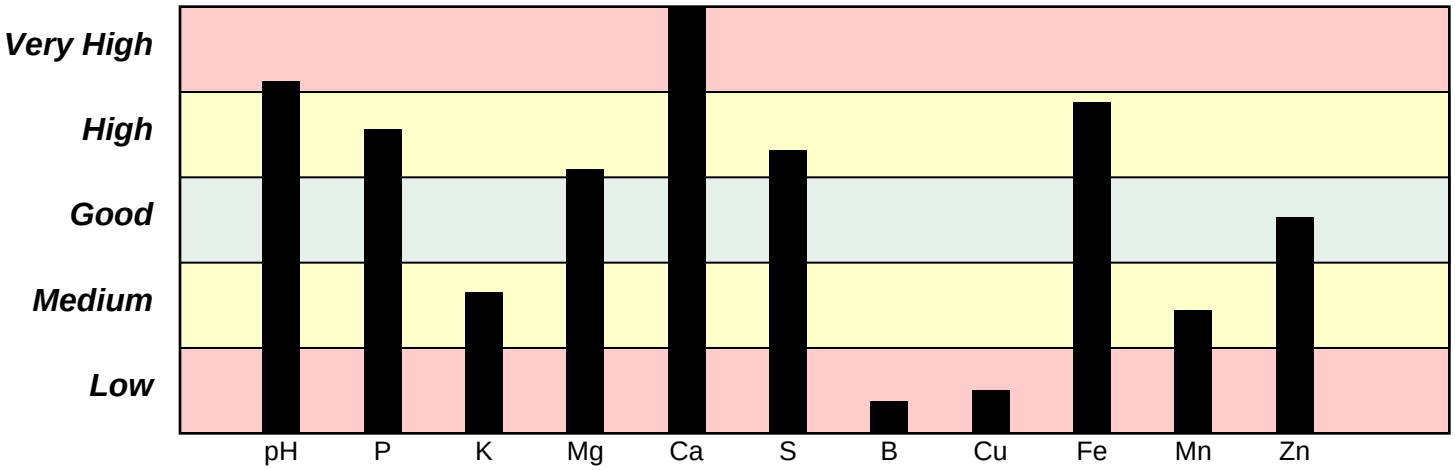
WICKENBURG LANDSCAPE
51020 W HWY 60/89
WICKENBURG, AZ 85390

Prepared For
WICKENBURG LANDSCAPE

Sample Information			
Sample	SO LAWN	Sampled	07-18-2013
Lab Number	G38522	Tested	07-19-2013

Analysis		Result	Optimal
Soil pH		7.7	6.0-6.8
Buffer pH			
Organic Matter	%	2.7	
CEC		19.2	
K Saturation	%	1.8	2.0-4.0
Mg Saturation	%	17.7	10-20
Ca Saturation	%	78.2	50-70
Na Saturation	%	2.3	0-10
K/Mg Ratio		0.4	
Ca/Mg Ratio		12.3	
Phosphorus	m3-ppm	102	40-70
Potassium	m3-ppm	163	200-310
Magnesium	m3-ppm	462	260-440
Calcium	m3-ppm	5687	2600-3600

Analysis		Result	Optimal
Sulfur	m3-ppm	52	20-40
Boron	m3-ppm	0.3	1.7-2.6
Copper	m3-ppm	1.6	Varies
Iron	m3-ppm	93	9-40
Manganese	m3-ppm	50	Varies
Zinc	m3-ppm	7.7	3.9-10.9
Sodium	m3-ppm	103	
Soluble Salts	mmhos/cm	0.32	0.00-3.00
Nitrate-N	ppm	8	



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
13	Bermudagrass, Common, turf	0	6.0	0.0	3.7	0.0	13.6	0.0	0.0	0.0	0.0	0.0

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

Sulfur: The S recommendation is the total amount needed to reach the desired soil pH. Do not exceed 5 lb S/1000 sq ft/application or 10 lb S/1000 sq ft/yr on turf. Do not exceed 7 lb S/1000 sq ft/yr on sandy soils. Sample soils annually to monitor pH change.

Bermudagrass, Common, turf: Split apply fertilizer to best match grass growth and nutrient demand. Monitor and adjust nutrient program with annual plant analysis.