

General Guidelines for Standard and Paste Soil Analysis

Parameter	Standard Soil	Paste Analysis
pH	6.2	6.2
OM %	1.0-4.0	
Sulfur	25.0 ppm	5.0 ppm
Phosphorous	200#/ac	0.4 ppm
Calcium/ Base Saturation	>2000#/ac/65%	25-30 ppm/60%
Magnesium/ Base Saturation	>200/15%	5-6 ppm/20%
Potassium/ Base Saturation	350#/ac/3-6%	12-15 ppm/15%
Sodium/ Base Saturation	<80#/ac/0-0.5%	<4-5 ppm
Boron	0.7 ppm	0.08 ppm
Manganese	40-50 ppm	0.10 ppm < 0.25 ppm
Copper	3-5 ppm	0.07 ppm
Zinc	5-10 ppm	0.10 ppm

These numbers will vary based on the pH, level of compaction and other stress factors.

bs/A levels are assuming 6" depth