



SOIL & PASTE GUIDELINES

Logan Labs, 620 North Main Street, Lakeview, OH 43331
 937-842-6100 | www.loganlabs.com

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/15%
Potassium/Base Saturation	350#/ac/3.5%	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
Aluminum	< 2000 ppm	<10 ppm
Iron	50+	0.5-3 ppm

These numbers will vary based on the pH, level of compaction, and other stress factors. #/ac levels are based on a 6" depth.