

TOMATO SOIL ANALYSIS

Test Description	Result	Units	Optimum Range	Graphical Results Presentation				
Primary Nutrients				Very Low	Moderately Low	Optimum	Moderately High	Very High
Nitrate-Nitrogen	20.4	Lbs/AF	350 - 430					
Phosphorus-P ₂ O ₅	1150	Lbs/AF	350 - 440					
Potassium-K ₂ O (Exch)	9560	Lbs/AF	990 - 6000					
Potassium-K ₂ O (Sol)	1550	Lbs/AF	540 - 920					
Secondary Nutrients								
Calcium (Exch)	27700	Lbs/AF	25000 - 34000					
Calcium (Sol)	406	Lbs/AF	980 - 1500					
Magnesium (Exch)	6120	Lbs/AF	2600 - 5100					
Magnesium (Sol)	159	Lbs/AF	390 - 530					
Sodium (Exch)	460	Lbs/AF	0.0 - 2400					
Sodium (Sol)	183	Lbs/AF	0.0 - 1100					
Sulfate	190	Lbs/AF	1200 - 5000					
Micro Nutrients								
Zinc	207	Lbs/AF	25 - 180					
Manganese	240	Lbs/AF	49 - 290					
Iron	936	Lbs/AF	240 - 480					
Copper	16.0	Lbs/AF	7.0 - 170					
Boron	2.08	Lbs/AF	4.3 - 9.1					
Chloride	183	Lbs/AF	120 - 960					
CEC	52.7	meq/100g	14 - 35					
% Base Saturation								
CEC - Calcium	65.5	%	60 - 80					
CEC - Magnesium	23.9	%	10 - 20					
CEC - Potassium	9.64	%	1.0 - 6.0					
CEC - Sodium	0.945	%	0.0 - 5.0					
CEC - Hydrogen	< 1.00	%	0.0 - 3.0					
				Strongly Acidic	Moderately Acidic	Near Neutral	Moderately Alkaline	Strongly Alkaline
pH	7.20	---	6.5 - 7.5					