



SOIL OPTIMUM LEVELS BASED ON CEC FOR TOMATO

FACT SHEET

		CEC		
		0-6	7-15	16-25
PPM SOIL				
p	POOR	0 - 25	0 - 23	0 - 18
	MED	26 - 55	24 - 43	19 - 33
	GOOD	56 - 93	44 - 83	34 - 55
	HIGH	95-150	85-120	55-100
K	POOR	0 - 45	0 - 60	0 - 80
	MED	46 - 90	61 - 120	81 - 160
	GOOD	91 - 180	121 - 240	161 - 320
	HIGH	181+	241 +	321+
Ca	POOR	0 - 200	0 - 400	0 - 600
	MED	201 - 400	401 - 800	601 - 1200
	GOOD	401 - 800	801 - 1600	1201 - 2400
	HIGH	801+	1600 +	2400+
Mg	POOR	0 - 25	0 - 50	0 - 75
	MED	26 - 50	51 - 100	76 - 150
	GOOD	51 - 100	101 - 200	151 - 300
	HIGH	101+	201+	301+

% SATURATION OF CATIONS

% K Saturation	6-7	4-6	4-5
% Mg Saturation	16-20	14 - 20	12-20
% Ca Saturation	60 - 80	60 - 80	60 - 80
Target for calcium	75%	72%	68%
Optimum K:Mg for tomato is .3-.4			

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