



## SOIL OPTIMUM LEVELS BASED ON CEC

# FACT SHEET

		CEC			
		0-6	7-15	16-25	26+
PPM SOIL	POOR	0 - 25	0 - 23	0 - 18	0 - 13
	P MED	26 - 55	24 - 43	19 - 33	14 - 23
	GOOD	56 - 93	44 - 83	34 - 55	24 - 43
	HIGH	94 +	84+	56 +	44+
K	POOR	0 - 45	0 - 60	0 - 80	0 - 100
	MED	46 - 90	61 - 120	81 - 160	101 - 200
	GOOD	91 - 180	121 - 240	161 - 320	201 - 400
	HIGH	181+	241 +	321+	401+
Ca	POOR	0 - 200	0 - 400	0 - 600	0 - 1000
	MED	201 - 400	401 - 800	601 - 1200	1001 - 2000
	GOOD	401 - 800	801 - 1600	1201 - 2400	2001 - 6000
	HIGH	801+	1600 +	2400+	6000+
Mg	POOR	0 - 25	0 - 50	0 - 75	0 - 100
	MED	26 - 50	51 - 100	76 - 150	101 - 200
	GOOD	51 - 100	101 - 200	151 - 300	201 - 600
	HIGH	101+	201+	301+	601+
<b>% SATURATION OF CATIONS</b>					
<b>% K Saturation</b>		<b>4 - 6</b>	<b>3 - 5</b>	<b>2 - 4</b>	<b>2 - 3</b>
<b>% Mg Saturation</b>		<b>10 - 20</b>	<b>8 - 20</b>	<b>5 - 20</b>	<b>5 - 20</b>
<b>% Ca Saturation</b>		<b>60 - 80</b>	<b>60 - 80</b>	<b>60 - 80</b>	<b>60 - 80</b>

A & L CANADA  
LABORATORIES, INC.

2136 Jetstream Rd.  
London, ON N5V 3P5

Phone: 519-457-2575  
Fax: 519-457-2664  
Aginfo@alcanada.com  
www.alcanada.com

Fact Sheet No. 553  
Revised 11/2013