



## WESTERN CANADA SOIL OPTIMUM LEVELS BASED ON CEC

# FACT SHEET

		CEC		
		0- 8	9-25	25+
<b>PPM SOIL</b>				
<b>p</b>	<b>POOR</b>	0 - 20	0 - 15	0 - 10
	<b>MED</b>	21 - 40	16 - 30	11 - 20
	<b>GOOD</b>	41 - 65	31 - 50	21 - 40
	<b>HIGH</b>	66 +	51+	41 +
<b>K</b>	<b>POOR</b>	0 - 50	0 - 75	0 - 100
	<b>MED</b>	51 - 100	76 - 150	101 - 200
	<b>GOOD</b>	101 - 175	151 - 250	201 - 350
	<b>HIGH</b>	176+	251 +	351+
<b>Ca</b>	<b>POOR</b>	0 - 250	0 - 500	0 - 1000
	<b>MED</b>	251 - 500	501 - 1000	1001 - 2000
	<b>GOOD</b>	501 - 1250	1001 - 3000	2001 - 6000
	<b>HIGH</b>	1251+	3001 +	6000+
<b>Mg</b>	<b>POOR</b>	0 - 25	0 - 50	0 - 100
	<b>MED</b>	26 - 50	51 - 100	101 - 200
	<b>GOOD</b>	51 - 200	101 - 200	201 - 600
	<b>HIGH</b>	101+	501+	601+
<b>% SATURATION OF CATIONS</b>				
<b>% K Saturation</b>		<b>3.5 - 5</b>	<b>2 - 4</b>	<b>2 - 3</b>
<b>% Mg Saturation</b>		<b>10 - 20</b>	<b>10 - 20</b>	<b>8 - 20</b>
<b>% Ca Saturation</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. 555  
Revised 11/2013