

SOIL CONTROL LAB

42 HANGAR WAY
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USA

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Watsonville, CA 95076
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Account No.:
1030482 1 0
Group: Mar. 2011 21
CODE:
Lime - soil

Jay Cranford
Cranford Inc.
P. O. Box 7597
Spreckels, CA 93962

Date Received: 18 Mar. 11
Sample id.: 2011 Lime
Sample id number: 1 1030482

	As Received	Dry Weight	Lime Test Package
pH Value	7.23	NA units	
Moisture	27.5	0.0 %	
Acid insolubles	3.0	4.1 %	
Calcium (Ca)	28	39 %	
Calcium (as CaCO ₃)	70	96 % (calculated)	
Magnesium (Mg)	0.54	0.74 %	
Magnesium (as MgCO ₃)	1.9	2.6 % (calculated)	
Neutralization Value (as CaCO ₃)	67	92 %	
Lime Equivalent			
*Carbonates (as CaCO ₃)	62	85 %	
Size Distribution	Mesh	Percent	
	> 10	0.1	0.73 Moisture Factor
	10 to 20	36.2	91.8 Calcium Carbonate Equivalent
	20 to 40	28.5	0.809 Fineness Value
	40 to 60	20.9	53.8 Oregon Lime score
	60 to 100	9.6	
	< 100	4.7	
	Sum	100.0	1.86 X Lime Recommendations = amount of this liming material to apply.

*Dolomite and Oxides do not produce the pressure required for the test used.

** Calcium is calculated as CaCO₃ and Magnesium is calculated as MgCO₃. Based on the ratio of the two weights their sum is calculated to equal the Neutralizing value.

Analyst: Frank Shields
Frank Shields