

Updated: 3/8/14

**Lime Grit  
SMI  
Madison, ME**

*"I have used Lime Grit as a quick acting, highly reactive lime substitute. I have applied Lime Grit on my corn fields and had excellent results. The Lime Grit increased my pH and crop yields."*

George Flood  
Flood Brothers Farm  
Clinton, ME



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**PRODUCT ANALYSES**

	<b>Average</b>	<b>lbs/ton</b>
pH.....	12.2	n/a
Available Phosphorus (as P <sub>2</sub> O <sub>5</sub> ).....	0.0%	0
Soluble Potash (as K <sub>2</sub> O).....	0.12%	1.94
Calcium Carbonate Equivalency.....	50.2%	813
Total Calcium.....	19.7%	319
Total Magnesium.....	0.3%	4.8
Iron.....	0.4%	6.5
Organic matter.....	0.0%	0
% Solids.....	81.0%	n/a

Data based on averages (dry weight) of representative analyses. Lbs/ton values based on product as received. This product is an industrial by-product, and any claims of neutralizing value and fineness are not guarantees.

**PRODUCT INFORMATION:**

SMI Lime Grit is a calcium lime by-product produced at precipitated calcium carbonate (PCC) plants. PCC is used in the paper making process. Lime Grit can be spread with typical lime or fertilizer spreading equipment.



**USE RECOMMENDATIONS:**

**Agriculture:**

An application of 1.45 tons/acre of Lime Grit is approximately equivalent to the liming value of one ton of commercial lime. Actual application rate should be based on soil analyses and crop to be grown.

<b>PRODUCT VALUE:</b>	<b>Nutrient Cost per lb<sup>1</sup></b>	<b>Product Value per ton</b>
Nitrogen (N)	.76	\$ n/a
Available Phosphoric Acid (P)	.64	\$1.47
Soluble Potash (K)	.61	\$1.89
Lime (CaCO <sub>3</sub> )	.05	\$46.85

**Total value of product supplied in one ton of Lime Grit, Madison, ME- \$50.21/ton.**

<sup>1</sup>Cost per pound of commercial fertilizer for Nitrogen (\$700/ton), Monoammonium Phosphate MAP (\$840/ton, Muriate of Potash (\$740/ton), and Lime (\$70/ton).

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