

Updated: 4/4/11

**Lime Mud  
Woodland, ME**



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<b>PRODUCT ANALYSES</b>	<b>Guaranteed Minimum</b>	<b>Average</b>	<b>Lbs/ton(avg)</b>
pH.....	11.5	12.1	n/a
Organic Matter.....	0.5%	1.0%	16.6
Total Calcium.....	30.0%	45.2%	750.3
Total Magnesium.....	0.1%	0.23%	3.8
Available Phosphorus Acid (P <sub>2</sub> O <sub>5</sub> ).....	0.2%	0.33%	5.5
Soluble Potash (K <sub>2</sub> O).....	0.02%	0.05%	0.9
Calcium Carbonate Equivalency.....	90.0%	98.7%	1641.7
% Solids.....	50.0%	83.0%	n/a

*Data based on averages (dry weight) of representative analyses.  
Lbs/ton values based on product as received.*

**PRODUCT INFORMATION:**

Lime Mud is a lime by-product produced at the Woodland Pulp Paper Mill, Woodland, ME. Lime Mud consists of calcium carbonate that is converted from quick lime in Woodlands's kiln.



Lime Mud can be spread with typical fertilizer spreading equipment. An application rate of 1.65 tons/acre is equivalent to the liming value of two tons of commercial lime. Actual application rate should be based on soil analyses and crop(s) to be grown.

**USE RECOMMENDATIONS:**

**Agriculture:**

An application of 1.65 tons/acre of Lime Mud is approximately equivalent to the liming value of two tons of commercial lime.

**PRODUCT VALUE:**

Nutrient:	Calcium Carbonate
Fertilizer Source:	Lime (85% CaCO <sub>3</sub> , 80% solid)
Cost per pound of nutrient (1):	\$0.044
Pounds of nutrient per ton of <b>Lime Mud</b>	1641.7
Value of nutrient per ton of <b>Lime Mud</b>	<b>\$72.23</b>

**Total value per ton of nutrients supplied by Lime Mud - \$72.23/ton**

<sup>1</sup>Average per ton costs of Lime is \$60.00, yielding 1360# actual lime. This price does not include delivery or spreading.