

# Fertilimer

Chateaugay, NY



## PRODUCT INFORMATION:

Fertilimer is a lime enhanced soil conditioner produced at our Grasslands Facility in Chateaugay, NY. Fertilimer production starts with Bioset Advanced Technology which manages the exothermic reaction when quicklime is blended with dewatered biosolids. This reaction generates significant amounts of heat which serves to effectively pasteurize Fertilimer, creating a Class A product suited to enhance soil by offering high nutrient value and lime equivalence.



## PRODUCT ANALYSES

	Average	lbs/ton
pH	11.9	n/a
Total Nitrogen	2.2%	15.8
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	1.1%	8.4
Available Potash (K <sub>2</sub> O)	0.26%	1.9
Calcium Carbonate Equivalency	51.0%	367
Total Calcium	19.6%	141
Total Magnesium	0.4%	3
Total Sulfur	1.2%	8.6
Organic Matter	32.0%	243
Total Solids	36.0%	n/a

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

## USE RECOMMENDATIONS:

Uses: Agriculture, topsoil manufacture, site reclamation.  
Classification: USEPA Class A product, approved for use in NY, VT, Canada.  
Services/Support: Technical assistance is provided regarding soil testing, spreader rental, product delivery, application rates, & BMPs.

An application rate of 3.7 tons/acre is equivalent to the liming value of one ton of commercial lime, offers 58 lbs of total nitrogen, 31 lbs of available phosphoric acid, 7 lbs of soluble potash, and 11 lbs of magnesium.

PRODUCT VALUE:	Commercial Nutrient Cost per lb <sup>1</sup>	Nutrient Value in one ton of Fertilimer
Nitrogen (N)	\$0.41	\$6.48
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	\$0.51	\$4.28
Soluble Potash (K <sub>2</sub> O)	\$0.30	\$0.57
Magnesium (Mg)	\$1.33	\$3.99
Lime (CaCO <sub>3</sub> )	\$0.022	\$8.07

Total value of nutrients in one ton of Fertilimer = \$23.39/ton.

<sup>1</sup>Cost per pound of commercial fertilizer for Nitrogen (\$373/ton), Monoammonium Phosphate MAP (\$534/ton), Muriate of Potash (\$361/ton), Kieserite Mg (\$400/ton), Lime (\$30/ton).

## TESTIMONIALS:

*I have spread several hundred tons of Fertilimer on both corn ground and grass fields. We have included Fertilimer in our fertilizer program this year. I am very pleased with the yield increase since using this product."*

*-David Vincent  
Vincent Farms  
Burke, NY*



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