

DOL-O-PURE

PURITY. FINENESS. RESULTS.

THE TRADITION CONTINUES

Since 1889, Baker Lime has been producing high quality limestone. Almost a century later, the tradition continues with Baker's complete line of products for the agricultural, consumer, and industrial markets.

Mined from a rich dolomite deposit in the heart of York County, Pennsylvania, the high purity and particle fineness of Baker's limestone have made it an acknowledged leader. Few products on the market today can compare.

Farmers depend on Commercial or Ag-Dolomite Limestone to neutralize acid soil. When soil pH is properly controlled, crop yields and fertilizer/herbicide effectiveness can be improved significantly. Baker's high quality ag limestone plays an important role in the overall economy of farm production.

Fertilizer and industrial manufacturing plants, using Grandol and RP-40, rely on Baker's quality and service to meet demanding production schedules and end product specifications.

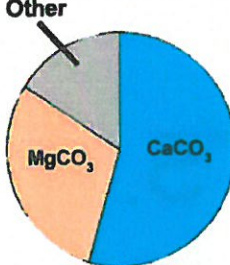
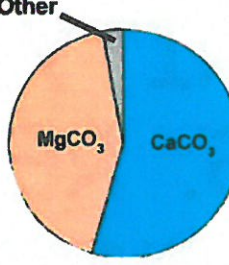
Whatever the need for limestone, Baker Lime has the product, quality, service, and commitment to provide the best value.

That is our tradition.

That is our promise.

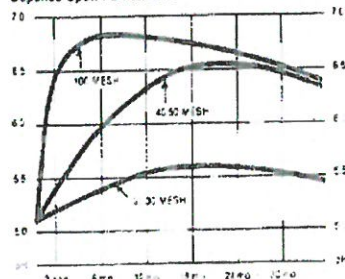


BAKER * LIME

Purity Comparison			DOL-O-PURE	
			CHEMICAL ANALYSIS GUARANTEED	
CHEMICAL ANALYSIS Typical Limestone			Calcium Carbonate Equivalent (C.C.E.) 105.6% Calcium Carbonate (CaCO ₃) 53.5 Magnesium Carbonate (MgCO ₃) 42.0 Total Carbonates 97.5 Calcium Oxide (CaO) 30.0 Magnesium Oxide (MgO) 20.0 Total Oxides 51.0 Elemental Calcium 21.4 Elemental Magnesium 12.1 Effective Neutralizing Value 95.0 Effective Neutralizing Power 93.0 Moisture Content <1.0%	
Calcium Carbonate CaCO ₃ 54.8% Magnesium Carbonate MgCO ₃ 30.0% Total Carbonates 84.8% Other (no neutralizing value) 15.8%				
				
CHEMICAL ANALYSIS Baker's Limestone				
Calcium Carbonate CaCO ₃ 53.5% Magnesium Carbonate MgCO ₃ 42.0% Total Carbonates 97.5% Other (no neutralizing value) 2.5%				

TIME/PARTICLE ANALYSIS

Time/Particle Analysis
Reaction Time of Ground Limestone
Depends Upon Particle Size



DOL-O-PURE

CALCIUM CARBONATE EQUIVALENT (C.C.E.)

Calcium Carbonate Equivalent (C.C.E.)

ACTUAL DOLLAR VALUE					
Product	Recommendation Lbs. C.C.E. per Acre	C.C.E. %	Lbs. of Limestone Needed	Cost per Ton	Cost per Acre
Baker	3,000	105.6	2,841	\$26.00	\$36.92
Other	3,000	90	3,333	24.00	40.08

EFFECTIVE NEUTRALIZING VALUE (E.N.V.)

Effective Neutralizing Value (E.N.V.)

ACTUAL DOLLAR VALUE					
Product	Recommendation Lbs. E.N.V. per Acre	C.C.E. %	Lbs. of Limestone Needed	Cost per Ton	Cost per Acre
Baker	3,000	95	3,158	\$28.00	\$44.24
Other	3,000	85	3,524	26.00	46.02

SCREEN ANALYSIS FERTILIZER EFFICIENCY

Screen Analysis

SCREEN ANALYSIS		
U.S. Standard Sieve	Guaranteed	Typical
20 Mesh	100%	100%
60 Mesh	85%	95%
100 Mesh	75%	80%

Fertilizer Efficiency

Soil Acidity	Fertilizer Wasted
4.5 pH	71%
5.0 pH	54%
5.5 pH	33%
6.0 pH	20%
7.0 pH	0%

BAKER'S DOL-O-PURE

boom-type



- is a finely pulverized, dry, dolimitic limestone used to control soil pH.
- quickly neutralizes soil acidity to provide the best environment for plant growth.
- supplies calcium and magnesium, two very important plant nutrients.
- can improve herbicide efficiency by producing recommended soil pH levels.
- has been designed to be applied with boom-type spreaders.

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