

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, Ag-Dolomite or AG-18 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.

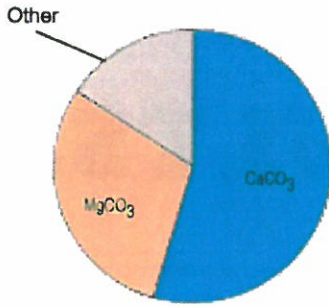
That is our promise.



BAKER * LIME

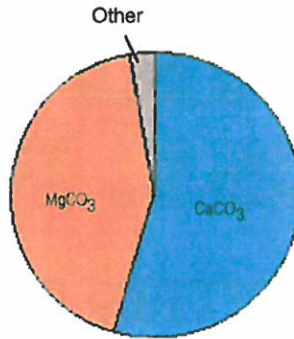
Purity Comparison

AG-18



CHEMICAL ANALYSIS Typical Limestone

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%

CHEMICAL ANALYSIS GUARANTEED

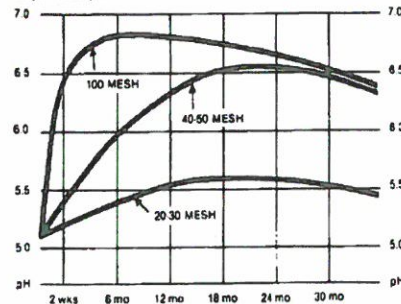
Calcium Carbonate Equivalent (C.C.E.)	105.6%
Calcium Carbonate (CaCO ₃)	53.5
Magnesium Carbonate (MgCO ₃)	42.0
Total Carbonates	97.5
Calcium Oxide (CaO)	30.0
Magnesium Oxide (MgO)	20.0
Total Oxides	51.0
Elemental Calcium	21.4
Elemental Magnesium	12.1
Effective Neutralizing Value	78.0
Effective Neutralizing Power	72.3

Typical Moisture Content 2%-4%
Maximum Moisture Content 8%

TIME/PARTICLE ANALYSIS

Time/Particle Analysis

Reaction Time of Ground Limestone Depends Upon Particle Size



AG-18

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	90.0	3,333	24.00	40.08

SCREEN ANALYSIS

Screen Analysis (North Carolina)

Baker Hy Magnesium Ground Ag Limestone (Damp AG-18)	
U.S. Standard Sieve	Guaranteed
20 Mesh	90%
100 Mesh	50%
1750 lbs. of material = 1 ton of standard liming material.	

Screen Analysis (Virginia)

Screen Analysis (VA)	
U.S. Standard Sieve	Guaranteed
20 Mesh	90%
60 Mesh	60%
100 Mesh	50%

FERTILIZER EFFICIENCY

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
* LIME

BAKER'S AG-18

- Is a ground, damp, dolomitic 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 both fertilizer and herbicide efficiency by producing recommended soil pH levels.
- Has been designed to be applied with spinner-type spreaders.

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