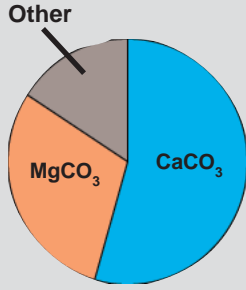
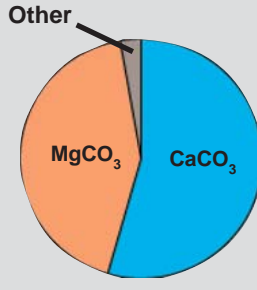


## Purity Comparison



### CHEMICAL ANALYSIS Typical Limestone

Calcium Carbonate	CaCO <sub>3</sub>	54.8%
Magnesium Carbonate	MgCO <sub>3</sub>	30.0%
Total Carbonates		84.8%
Other (no neutralizing value)		15.8%



### CHEMICAL ANALYSIS Baker's Limestone

Calcium Carbonate	CaCO <sub>3</sub>	53.5%
Magnesium Carbonate	MgCO <sub>3</sub>	42.0%
Total Carbonates		97.5%
Other (no neutralizing value)		2.5%

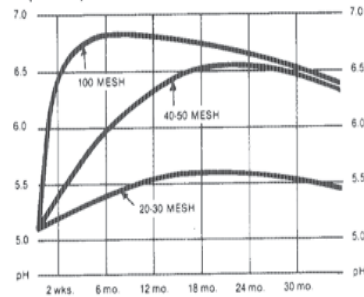
## CHEMICAL ANALYSIS

Calcium Carbonate Equivalent (C.C.E.)	105.6%
Calcium Carbonate (CaCO <sub>3</sub> )	53.5
Magnesium Carbonate (MgCO <sub>3</sub> )	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

### TIME/PARTICLE ANALYSIS

#### Time/Particle Analysis

Reaction Time of Ground Limestone Depends Upon Particle Size



### CALCIUM CARBONATE EQUIVALENT (C.C.E.)

#### Calcium Carbonate Equivalent (C.C.E.)

##### ACTUAL DOLLAR VALUE

Product	Recommendation		Lbs. of Limestone Needed	Cost per Ton	Cost per Acre
	Lbs. C.C.E. per Acre	C.C.E. %			
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. of Limestone Needed	Cost per Ton	Cost per Acre
	Lbs. E.N.V. per Acre	E.N.V. %			
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 AG-DOLOMITE

- is a finely pulverized, dry, 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.



**LWB Refractories** ▪ P.O. Box 1189 ▪ York, PA 17405

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