

# PRO AGLIME



## Benefits of Limestone

Healthy lawns need proper soil pH to thrive – usually between 6.0 and 7.0. Acid soils (with pH below 6.0) are caused by acid rain, fertilizer applications, and are the natural soil condition in most of the eastern US. Limestone is the solution to soil acidity, essential for a green healthy lawn.

Limestone is a natural mineral – when finely ground, it reacts with the soil, neutralizes acid and toxic elements, improves soil structure, promotes healthy bacteria, and enhances availability of nutrients. Limestone also contains calcium and magnesium – two important nutrients missing from many fertilizers.

## How Much Limestone Do I Need?

A pH test of your soil is recommended (inexpensive test kits available at most garden centers). Then apply according to the chart below, or follow soil test recommendations. If no soil test is available, a good “rule of thumb” is 40-80 lbs. per 1000 sq. ft. for initial applications and 20-40 lbs. per 1000 sq. ft. for pH maintenance.

## How and When Should I Apply Limestone?

Mix thoroughly with the soil for best results. Apply by hand or with a drop spreader, using spreader manufacturer’s recommendations. Limestone is safe and effective anytime, but moisture and soil conditions are usually ideal in the fall.

Pounds of Limestone Needed per 1000 sq. ft. To increase soil pH to 6.5					
If your Soil pH is:→ and your soil type is: ↓	6.0	5.5	5.0	4.5	4.0
Sand	20	45	65	80	100
Loam	35	75	110	150	175
Clay	50	100	150	200	230

Minimum Guaranteed Screen Analysis	
Screen Size	% Passing *
10 Mesh	100
20 Mesh	95%
40 Mesh	90%
50 Mesh	85%
60 Mesh	80%
100 Mesh	70%

Minimum Guaranteed Chemical Analysis	
Calcium (Ca)	21.5%
Magnesium (Mg)	11.0%
Calcium Oxide (CaO)	30.0%
Magnesium Oxide (MgO)	18.0%
Calcium Carbonate (CaO <sub>3</sub> )	54.0%
Magnesium Carbonate (MgO <sub>3</sub> )	38.0%
Total Carbonates	92.0%
Maximum Moisture Content	1%
Calcium Carbonate Equivalent - CCE	99.0%
Effective Neutralizing Power – ENP	1768 lbs./ton
Effective Neutralizing Value – ENV	83.0%
Total Neutralizing Power – TNP	99.0%
Relative Neutralizing Value – RNV	92 .0%
Fineness Factor / ECCE	90 / 89%
Index Zone	3
This product requires 1844 lbs. to equal one ton of standard liming material (with CCE of 90%).	
Agricultural Liming Materials Classification – Fine Pulverized	
CAS # 16389-88-1 Florida Registration # F1821	

Ground Limestone

Piedra Caliza Molida

CAS# 1317-65-9

Limestone:

Piedra Caliza

Crystalline Silica, Silica Cristalina

quartz (Impurity):

Cuarzo (Impureza)

CAS# 14808-60-7

IMERYS Carbonates

100 Mansell Court East, Suite 300 • Roswell, GA 30076

Emergency Telephone: +1 (800) 424-9300 CHEMTREC

Do not breathe dust.

No inhalar polvo.

In case of inadequate ventilation wear respiratory protection.

En caso de Ventilación Inadecuada, utilizar Protección respiratoria.

Dispose of contents/containers in accordance with local regulations.

Disponer del producto/contenedores de acuerdo a las regulaciones locales.

Long term exposure can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

La exposición prolongada puede causar lesión pulmonar (Silicosis). IARC Y NPT, han determinado que el sílice cristalino que es inhalado de fuentes laborales puede ocasionar cáncer en los humanos. El riesgo de lesión es dependiente de la duración y el nivel de exposición.

Danger

Causes damage to lungs through prolonged or repeated exposure via inhalation.

Provoca daño en los pulmones a través de una exposición prolongada o repetida por inhalación.

Manufactured by:  
Austinville Limestone Co.  
PO Box 569  
Austinville VA 24312



FREIGHT SHIPPING BAG

Meeting requirements of  
APPLICABLE FREIGHT  
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