



Aglime Quarterly

What's Happening

CAPCA Conference
Reno
 October 15-17

Alfalfa Symposium
Reno
 November 28-30

Almond Board Conference
Sacramento
 December 5-7



The Low Magnesium Agricultural Dolomite

When your soil needs aglime this season to neutralize soil acidity and unlock nutrients so they are more available, consider our Low Magnesium Agricultural Dolomite.

When addressing soil pH, many educational agricultural publications state there are only two mined liming products from which to choose, limestone and dolomite. Typically dolomite is recommended only when crops and soil demonstrate a magnesium deficiency. The problem is, there are really four basic classifications of limestone, they are listed below in order of highest Calcium to highest Magnesium.

- Calcite Limestone*
- Dolomitic Limestone*
- Calcitic Dolomite*
- Dolomite*

The chart below lists the Calcium and Magnesium percentages and Ca:Mg ratios of our Agricultural Limestone, Dolomite and a third true dolomite from California, with almost equal parts Ca and Mg. Notice the Ca:Mg ratio of our dolomite is not enough to negatively impact the ratio in your soil with the occasional broadcast application.

We realize this can be very confusing, so keep a lookout for special product announcements in the future.

	Blue Mtn Aglime	Blue Mtn Low Mg Dolomite	Brand X Dolomite
Calcium %	32%	24%	18%
Magnesium %	1%	7%	15%
Ca:Mg Ratio	32:1	3:1	Almost 1:1

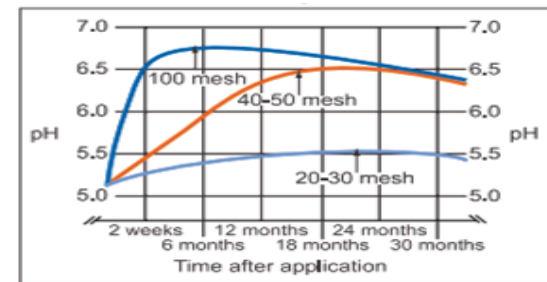
Aglime Effectiveness Rating

The Aglime Score is the best calculation used to tell you if the liming material you purchased will be effective and how quickly.

The Aglime score uses three factors to determine an effectiveness rating: Moisture, Calcium Carbonate Equivalent, (CCE) and the Fineness or Mesh size. The mesh size is the primary factor that determines how quickly the material will react to adjust soil pH.

- Mesh Size 20* *Not very reactive.*
- Mesh Size 40* *Might react in 1 year.*
- Mesh Size 60* *Should react in 1 year.*
- Mesh Size 100* *Reacts in Months.*

The Aglime Score is the quick easy way to tell if you are getting high quality material that will work. Consult your certified crop advisor and when purchasing aglime, ask for the Score.



References:
 *Nutrient Chart redrawn from Troug, E. (1946)
 **Oregon State University, EM9057 ODA Guidelines