



Aglime Quarterly

What's Happening
NorCal CAPCA Meeting
Chico
July 12

Mother Lode Fair
4-H Livestock Auction
July 12-15



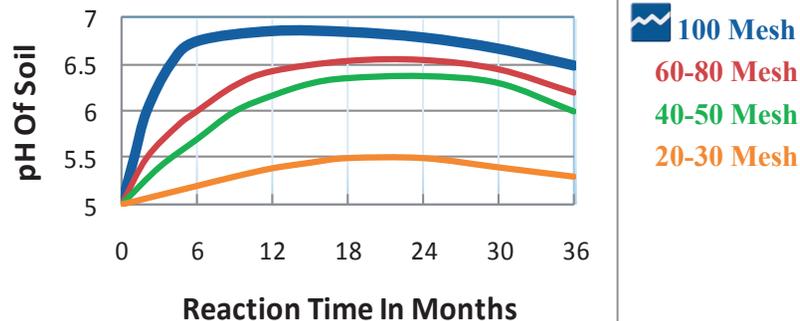
When one ton isn't a ton

Often when one ton of aglime is recommended per acre to adjust soil with an acidic condition, growers are sold one ton. If it were only that easy.

Not all agricultural limestone has the same chemical make up or fineness. Some sources of limestone are not finely ground and may contain significant amounts of impurities. These factors reduce overall lime quality and value.

Lime quality determines how many tons to apply to achieve the necessary pH change. Blue Mountain Minerals limestone and dolomitic products are finely ground and of high quality. More than 80% of our agricultural limestone product passes through a 100 mesh screen. This promotes a rapid reaction in the soil.

**Effect Of Aglime Fineness And Speed
Of Reaction**



Blue Mountain Minerals = Value

Have your soil tested regularly. Soil pH is one of the most important numbers on a soil report. The pH level influences the availability of all the other nutrients. A nutrient management program may be top notch, but if the soil pH is not in the correct range, crop growth and production will suffer.

Aluminum and manganese are soluble and become toxic to crops when the pH level is low. Aluminum toxicity causes the roots to deteriorate or stop growing. Manganese toxicity stunts plant growth, causes discoloration and poor yields.

When soil pH is at a correct level:

- Nutrients and micronutrients are more likely to be available
- Herbicide effectiveness is increased
- Soil structure is improved
- Soil microorganism populations are more active and abundant.

References:

* Miller, R.W. and D.T. Gardiner. Soils in our Environment

**Darrell Smith, Farm Journal Conservation, "Dial in Soil pH"