



Blue Mountain Minerals

Aglime Quarterly **AG FACT**

Most soil advisors and agronomists advise against adding inputs before you know what is already in your soil.



Aglime Is Not Just For pH

Calcium carbonate (or calcium magnesium carbonate) aka aglime has been used to improve farm soils for over 70 years. There are hundreds, if not thousands, of field trials and reputable university studies proving it is a reliable, predictable and cost effective source of calcium.

We pulverize our Agricultural Limestone and LoMg Dolo Xtra Fine products to such a small particle size that they are nearly 100% effective within this year's growing season. Many times, soil conditions are such that our products can be used in place of costly gypsum as a source of calcium.

When sufficient levels of calcium are maintained, soil has been shown to have:

- Improved structure through flocculation.
- Greater water infiltration.
- Increased plant nutrient uptake including NPK.
- Reduced soil salinity.
- Healthy and active microbial function.

Available soil calcium and magnesium can be lost when it is removed by the plant, absorbed by soil organisms, and leached by irrigation or rain water. Most trees and plants require a minimum amount of calcium to produce a healthy crop. Check with your trusted advisor to determine the application rate to address the needs of your soil and produce a healthy crop.

Sources: University Extension Service, MT, 2009 Plant nutrient functions and deficiency and toxicity symptoms. Published 042021

Old Ca Product : New Ca product

There is no doubt everyone is looking for that great new product that will be the very best thing to improve soil and increase crop yield. Yes, there are a lot of great products out there, but with regards to calcium let's do some math. Below we compare our finely ground, quick acting AgLime, applied at one ton per acre to another form of calcium with an application rate of one pound per acre. Even though the application rates are different, let's keep the cost to treat one acre at \$50. Keep in mind **both** products are derived from limestone aka calcium carbonate.

Details	Blue Mtn.	Another Ca
Application rate	1 ton/acre	1 pound/acre
Cost per ton	\$50	\$100,000
Cost per pound	\$0.03	\$50
% Calcium	32%	32%
Ca ppm per acre	320	0.16
Cost per Ca ppm	\$0.004	\$8.00

Check with your trusted crop and soil advisor for labels and a cost analysis.

