



HydroCal® - Liquid Calcium Carbonate

Maximizes Nutrient Availability, Superior pH Increasing Power

HydroCal® liquid lime is a micronized through special technology, ground from white, natural, calcite limestone. It delivers superior value compared to commonly used agricultural lime. HydroCal® is ideal for water run applications through center pivot, solid set, hand line and spray application.

HydroCal® is the most economical solution for row crops, permanent crops and field crops including:

Row Crops: onions, carrots, peas, beans, corn, cabbage, cauliflower, broccoli, peppers, and tomatoes

Permanent Crops: apples, cherries, pears, grapes, asparagus, raspberries and blueberries

Field Crops: alfalfa, mint, dry peas, garbanzo, beans, canola, hay production and pasture

HydroCal® delivers fast pH change and allows you to reach your target pH in a highly predictable time frame and more accurately than traditional liming methods.

Dissolution and mobility:

HydroCal® shows excellent mobility to neutralize acids through the soil profile and provides exchangeable calcium to the plant. HydroCal® is used at a fraction of the rate of traditional liming materials, with lower input costs and better return on investment.

HydroCal's in-season acid neutralization:

There is no other calcium carbonate product in the marketplace as efficient as HydroCal®. HydroCal® is as close to 100% efficient as you can get. When applied in a liquid form, either through a sprayer or injected through your irrigation system, HydroCal® reacts with acidity, releasing free calcium making it available to your crop. It does this in a matter of weeks and will

manage pH **in-season**. No other product can offer that kind of value.

HydroCal® Saves Money:

Liming can be a costly. The cost of freight is a significant consideration when deciding on a lime application.

HydroCal® provides better results at a fraction of the application rate, saving you money on freight and the total cost of the application. HydroCal® is also easily run through your irrigation system, saving you even more time and money because it results in an even application that immediately begins to neutralize soil acidity.

HydroCal® and Calcium nutrition:

Calcium is the primary storage and quality nutrient for high value crops such as onions and apples, among many others. When including HydroCal® in your nutrient management system it is not necessary to over apply. Too much lime could have negative effects in the recently acidified soils of the Columbia Basin and other areas.

HydroCal® will deliver appropriate rates of exchangeable calcium in a very predictable time frame. Calcium supports soil tilth, microflora and delivers needed calcium nutrition to your crop. Standard practices for liming do not provide predictable results; neither in terms of reaching your target pH nor delivering sufficient exchangeable calcium; only HydroCal® does.

Micronize to maximize!

- **We bring LMT™ to you. (Lime Management Technology™)**
- **Add HydroCal® to your lime management program today.**



Notes:

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HydroCal®

Analysis

Calcium (Ca)	29%
Calcium Carbonate (CaCO ₃)	73%
Calcium Carbonate Equivalent (CCE)	74%
Moisture Content Does Not Exceed	24%
Lime Score	74%

Sieve Analysis

Amount passing 10 mesh sieve:	100%
Amount passing 20 mesh sieve:	100%
Amount passing 60 mesh sieve:	100%
Amount passing 100 mesh sieve:	100%
Amount passing 325 mesh sieve:	99.9%

Derived from natural ground limestone.

Density: 16.0 lb per gallon at 68° F

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Liquid Lime Application

Typical range of application 10-50 gallons per acre based on soil tests, cropping requirements and local experience.

- Agitate before use
- Do not allow product to freeze
- Clean equipment prior and after use
- Not suitable for use as sunburn protection