



# HydroCal® Liquid Calcium Carbonate

Maximizes Nutrient Availability, Superior pH Increasing Power.

**HydroCal®** liquid lime is micronized through special wet milling technology, ground from natural, white calcitic 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 delivers fast pH change and allows you to reach your target pH in a 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. When applied in a liquid form, either through a sprayer or injected through your irrigation system, HydroCal reacts with soil acids, releasing free calcium 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 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.

- \$200/a - Pre-plant incorporated standard ag-lime
- \$120/a - Pre-plant incorporated HydroCal

HydroCal is 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. HydroCal will deliver appropriate rates of exchangeable calcium in a 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; HydroCal does.

## HydroCal is the most economical solution for row crops, permanent crops and field crops.

Crop	Application Rate	Application Timing
Alfalfa	5-50 Gallons per acre	Dormant season or after cutting
Pome Fruit		Fall through fruitlet
Brassicas		Pre-plant through 4 leaf
Carrots		Pre-plant through early bulking
Stone Fruit		Fall through shuck fall
Grapes		Fall through fruit set
Mint		Dormant season
Onions		Pre-plant through bulb initiation
Raspberries		Fall through green fruit
Tomatoes		Pre-plant through early ripening
Blueberries	5-20 Gallons per acre	Fall through pre-bloom
Canola		Fall through pre-plant
Garbonzo Beans		Fall through pre-plant

*\*Consult with your crop advisor for appropriate rates and timings. May repeat application as needed.*

## Micronized to maximize!

- Add HydroCal to your nutrient management program today.

**LMT™**  
Lime Management Technology



# HydroCal®

## Analysis

Calcium (Ca)	29%
Calcium Carbonate (CaCO <sub>3</sub> )	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 limestone.

Density: 16.0 lb per gallon at 68° F



## HydroCal Liquid Lime Application Information

Typical range of application 2-50 gallons per acre based on soil tests, cropping requirements and local experience.

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

## Notes:



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