



**SPECIMEN LABEL**

**GUARANTEED ANALYSIS:**

Calcium (Ca).....	29.00%
Magnesium (Mg).....	30.00%
Calcium Carbonate (CaCO <sub>3</sub> ).....	75.50%
Magnesium Carbonate (MgCO <sub>3</sub> ).....	0.74%
Calcium Carbonate Equivalent (CCE).....	73.30%
Calcium Oxide Equivalent (CaO).....	40.60%
Magnesium Oxide Equivalent (MgO).....	0.50%
Passing 200 mesh screen.....	100.00%
Passing 100 mesh screen.....	100.00%
Passing 60 mesh screen.....	100.00%
Passing 50 mesh screen.....	100.00%
Passing 40 mesh screen.....	100.00%
Passing 20 mesh screen.....	100.00%
Passing 10 mesh screen.....	100.00%
Passing 8 mesh screen.....	100.00%
Moisture Content (maximum).....	26
Lime Score.....	74
Effective Neutralizing Value (ENV).....	73.30%
Effective Calcium Carbonate Equivalent (ECCE).....	73.30%

**AS PACKAGED:**

**Pre-production Growing Media Preparation:**

Growing Media Targeted pH Increase	Target pH Increase		
	0.1	0.5	1.0
	CalOx pH Application Rate		
Per Cubic Foot of Growing Media	0.1–0.3 fl. oz.	1.0–1.5 fl. oz.	2.0–3.0 fl. oz.

Derived from: Calclitic lime • 1 gallon = 15.66 lbs, contains 11.6 lbs. of calclitic lime or 4.64 lbs. of Ca

Density 15.66 lbs./gallon at 68°F • As a Liquid 2,550 lbs. (163 gal.) of formulated product is equal to one ton of standard liming material

**KEEP OUT OF REACH OF CHILDREN  
DO NOT ALLOW TO FREEZE  
SHAKE WELL BEFORE USE**

**PRECAUTIONARY STATEMENT**

**CAUTION** – Avoid contact with skin and eyes. Wash hands thoroughly after using. Avoid breathing spray mists and vapors. May cause respiratory irritation, if taken internally, seek medical attention.

**GENERAL INFORMATION**

CalOx pH Micronized Liquid Lime’s extremely fine particle size allows for rapid, highly efficient soil pH modifications in turf and horticultural applications, and can be applied without tillage or through fertigation systems. CalOx pH is easy to apply through most spray and injection type application equipment.

Use CalOx pH within 30 days of purchase or agitate container periodically to keep material in solution.

**DIRECTIONS FOR LIMING APPLICATIONS**

**Greenhouse and Turf Applications:**

Determine current soil pH and desired pH levels for specific plant species. This information can be obtained from a qualified soil testing lab or agricultural extension. Refer to the general application rates below for product use.

**General Application Rates:**

**Disclaimer:** Results will vary depending on soil conditions and pH, the below application rates are meant to serve as general guidelines for applying CalOx pH. It is up to the user to determine the appropriate amount of product to add based on local conditions.

- Mix CalOx pH in sufficient water to achieve good saturation without leaching

**Established Plants and Turf:**

Growing Media Targeted pH Increase	Target pH Increase		
	0.1	0.5	1.0
	CalOx pH Application Rate		
Per 1,000 sq. ft. of Growing Media	0.25–0.5 gallons	1.25–2.5 gallons	3.0–5.0 gallons

**Soil Drench Applications for Greenhouse Production:**

- Apply using suitable spray or injection equipment
- Apply with sufficient water to achieve saturation without leaching
- For overhead drench applications in production follow up with a freshwater rinse

**For Use on Turf; Including Golf Course Tees, Greens, and Fairways:**

- Follow the general rate chart above for Established Plants and Turf to achieve desired soil pH starting in early spring
- Mix CalOx pH in sufficient water to achieve adequate coverage
- Irrigate after application with 1/8–1/4 inch of water
- Repeat applications as necessary to achieve desired pH levels

**For Hydro Seeding Uses:**

Following soil test recommendations mix CalOx pH in sufficient water to meet recommended rates. 174 gallons of CalOx pH is equivalent to 2,000 lbs. of standard calcite liming material. Do not mix CalOx pH greater than 50% by volume in the hydro seeding equipment. CalOx pH is compatible with seed, fertilizer and mulching materials.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

BIOSAFE SYSTEMS LLC warrants that this product conforms to the *chemical* description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above when used in accordance with directions under normal use

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Guaranteed by:

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For additional information on CalOx<sup>®</sup> pH, call us toll-free at 1.888.273.3088 or visit [www.biosafesystems.com](http://www.biosafesystems.com).

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