

APPLICATION INSTRUCTIONS

FOR SOIL APPLICATION

Magnesium KEYLATE can be incorporated in liquid fertilizer or applied separately. Apply the following rates if you do not have a soil or leaf analysis.

Maintenance application: 1 quart per acre

Moderate Micronutrient Deficiency: 2 to 3 quarts per acre

Heavy Micronutrient Deficiency: 4 to 5 quarts per acre

If you have a solid or leaf analysis recommendation, apply **Magnesium KEYLATE** at the following rates:

| Elemental copper required by soil/leaf test | Quarts of Magnesium KEYLATE | Pounds of Magnesium KEYLATE |
|--|---------------------------------------|---------------------------------------|
| 1 lb | 0.75 | 1.875 |
| 2 lbs | 1.50 | 3.750 |
| 3 lbs | 1.44 | 3.75 |
| 4 lbs | 1.92 | 5.00 |
| 5 lbs | 2.40 | 6.25 |
| 6 lbs | 2.88 | 7.50 |
| 7 lbs | 3.36 | 8.75 |
| 8 lbs | 3.84 | 10.00 |
| 9 lbs | 4.32 | 11.25 |
| 10 lbs | 4.80 | 12.50 |

FOR FOLIAR SPRAY APPLICATION

Vegetables: Apply 0.5 quart per acre (1.2 liters per hectare) each spray. **Magnesium KEYLATE** can be incorporated in the normal spray program.

Field Crops: Apply 1 quart per acre (2.3 liters per hectare) when plants are young. This is the time when most severe deficiencies occur. *Do not exceed one quart per acre for foliar sprays per application on above crops. **Tree Crops:** Apply 4 quarts of **Magnesium KEYLATE** in 500 gallons of dilute spray (10 liters in 2000 liters). If concentrated spray is used, increase the concentration in direct proportion to dilution. If tree crops are sprayed several times a year, the above amount can be split into more numerous applications. Split applications over the year are considered more beneficial than single applications.

Magnesium KEYLATE will disperse in water with little agitation. Many pesticides can be added and applied while spraying **Magnesium KEYLATE**. Follow this mixing sequence: 1. Water 2. **Magnesium KEYLATE** 3. Pesticide

When foliar spraying **Magnesium KEYLATE** through a conventional sprayer, use a minimum of 20 gallons of water per acre (180 liters per hectare). When foliar spraying **Magnesium KEYLATE** with low volume equipment, 5 gallons of water per acre (45 liters per hectare) is usually sufficient. If less water is used, slight burning of the foliage may occur. A maximum of 0.5 gallons per acre per application is recommended. Aerial applications should not exceed 1 quart per gallon (1 liter per 4 liters) of water. For best results, spray when the crop is in an active growing state, after irrigation or rainfall. Spray early in the morning or late afternoon. The addition of 0.5% (total solution) of nitrogen solution, ammonium sulfate, or L.B. Urea may aid leaf absorption. Foliar fertilization is intended as a supplement to a regular fertilization program and will not, by itself provide all the nutrient normally required by agricultural crops.

KEYLATE® Magnesium

GUARANTEED ANALYSIS

Magnesium (Mg) 3%
3% Chelated Magnesium

Derived from magnesium oxide, chelated with ethanol, 2-amino-2-hydroxy-1,2,3-propanetricarboxylate

GENERAL INFORMATION

Magnesium KEYLATE is for soil and foliar* application. It is readily available and rapidly absorbed by the root system or foliage because of its chelating complex.

Magnesium KEYLATE is formulated to be used in fertilizer solutions. Broadcast or row applications are acceptable, although greater efficiency may be expected from row applications. Micronutrient deficiencies usually occur when plants are small; therefore, micronutrients should be added to the fertilizer at or before planting.

STORAGE INSTRUCTIONS

KEYLATE Micronutrients are chelates with low corrosivity. It is recommended that keylates (9% Zn, 5% Fe, 5% Mn, 5% Cu) be stored in fiberglass, polyethylene or polyolefin. We recommend storing pails a maximum of three pails high. Do not stack pallets.

CAUTION: KEEP OUT OF REACH OF CHILDREN

WARNING: Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat and/or skin. Avoid contact with eyes, skin and clothing. If swallowed: Induce vomiting by sticking finger down throat. Never give anything to an unconscious person. Get medical attention. If in eyes: Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>.

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than the officers of Seller, is authorized to make any warranty, guarantee or direction concerning this product. 2. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from handling, storage and use of this product limited to replacement of product or refund of purchase price.

Density: 10 lbs/gal (1.2 Kg/liter) @ 68°F

NET CONTENTS:

- | | |
|---|---|
| <input type="checkbox"/> 2.5 gallons/25 lbs | <input type="checkbox"/> 10 liter/12 kg |
| <input type="checkbox"/> 5.0 gallons/50 lbs | <input type="checkbox"/> 20 liter/24 kg |

3% MAGNESIUM

F1601



StollerUSA

Z-KEYMAG

US Patent: 5,997,600

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