

# Chemurgic's Magnesium 4

## Ligno+™

### Lignin-complexed Plant Nutrient



15258 020419

#### Chemurgic's Magnesium 4 Ligno +

##### GUARANTEED ANALYSIS

Magnesium (Mg).....4.00%

Sulfur(S).....4.00%

Derived from: magnesium sulfate complexed with lignosulfonate.

ALSO CONTAINS NON-PLANT FOOD INGREDIENT

1.0% Yucca schidigera

#### Read Entire Label Before Using This Product

##### GENERAL INFORMATION:

*Chemurgic's Magnesium 4 Ligno +* is suitable for supplemental fertilization on all crop types for correction of sulfur and magnesium deficiencies.

**Methods of application:** May be applied directly to soil or to foliage on actively growing crops. May be used alone, with pesticides, or with other fertilizers, and may be applied using aerial, drip systems, and high- or low-volume ground sprayers.

##### DIRECTIONS FOR USE:

For soil applications, we recommend using this product with nitrogen fertilizer solutions.

For best uptake in foliar applications of this product:

- Thoroughly cover foliage. Complete wetting is not required.
- Apply to actively growing plants with young leaves.
- Apply just after irrigation or rainfall.
- Add urea (for example, 5 lbs. Lo-Bi Urea per 100 gal. of spray solution).

Maintenance.....1 to 3 qts./acre

Mild Deficiency .....2 to 6 qts./acre

Severe Deficiency.....1 to 2 gal./acre

**NOTE:** Use lower rates for field, row and vegetable crops, and higher rates for fruit, ornamental, tree, turf and vine crops. Rates over 2 qts./acre should be split into multiple applications of 2 qts./acre or less at a minimum of 10-14 days apart.

#### Conventional (Dilute) Spray Applications:

The required qty/acre may be delivered in one application, however, split applications will improve overall uptake. Apply the required quantity of product with enough water for good coverage.

#### Ground Concentrate Applications:

Use up to 1/2 gal. of this product in a minimum of 25 gal. of water per acre per application. Repeat in 10 to 14 days if greater amounts of product are required.

#### Aerial Applications:

Normal aerial rate is 1 qt. of product per 5 gal. of water per acre. Maximum concentration of 1 qt. per 1 gal. of spray may be used, but adding more water will improve coverage.

**Precautions:** DO NOT apply when plants are moisture-stressed. DO NOT apply to deciduous tree crops during bloom.

**Compatibility:** *Chemurgic's Magnesium 4 Ligno +* will mix with most insecticides and fungicides. However, a jar test for compatibility should be performed prior to application. This product is not recommended for use with copper or tin fungicides.

**Mixing:** Agitate product container prior to application. Always add *Chemurgic's Magnesium 4 Ligno +* to the mixing tank before adding pesticides or herbicides.

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

**PRECAUTIONARY STATEMENTS:** This product is not classified as a hazardous substance based on currently available data. However, wash hands thoroughly after handling and observe good industrial hygiene practices. Do not contaminate feed or foodstuffs.

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### CONDITIONS OF SALE AND WARRANTY

*Chemurgic Agricultural Chemicals, Inc.* warrants that this product conforms to the chemical description on the label and is reasonably suited for the purposes stated when used as recommended under normal conditions.

Unintended consequences such as crop damage or poor performance may result from factors including, but not limited to, method of application, timing, crop and soil condition, weather, and other materials present, all of which are beyond the control of *Chemurgic Agricultural Chemicals, Inc.* and Seller.

*Chemurgic Agricultural Chemicals, Inc.* neither makes, nor authorizes any agent or representative to make any other warranties, expressed or implied, including fitness or merchantability.

Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material.

In no case shall *Chemurgic Agricultural Chemicals, Inc.* or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product.

The foregoing is a condition of sale by *Chemurgic Agricultural Chemicals, Inc.* and is accepted as such by the Buyer.

Made in the USA by  
**CHEMURGIC**

**Chemurgic Agricultural Chemicals, Inc.**

P.O. Box 2106 • Turlock, CA 95381

**Net Contents: 5 gals (18.92 liters)**