

# Dyna-Gro™

## MAGNESIUM LIQUID FOLIAR SPRAY

### PRODUCT INFORMATION

**Dyna-Gro Magnesium** is a concentrated aqueous solution that combines high solubility with convenience of both aerial and ground application. It is designed for addition to soluble X-O-X grade fertilizers and will provide one of the *highest solubilities* available. **Dyna-Gro Magnesium** is easily assimilated by both leaves and woody tissue, making it very effective as a foliar spray to *prevent and correct* magnesium deficiencies on fruit and other crops. **Dyna-Gro Magnesium** when added to spray tank before other materials at rates of 1 quart per 500 gallons of water, will lower pH of 7.4 to approximately 6.0 pH. A jar test to check the compatibilities of unfamiliar or new combinations should be performed prior to mixing and application. It is *important* that a non-ionic surfactant be added to aid in surface coverage which will help in leaf absorption.

### CROP RECOMMENDATIONS

**Fruit and Nuts:** Citrus, avocados, mangos, pecans; MATURE TREES: Apply 1 to 4 quarts per acre per application. Repeat application if desired at 1-2 quarts per acre in summer and fall applications. YOUNG TREES: Apply 2 quarts per 100 gallons of water and wet to run off. Applications every 6-8 weeks throughout the growing season have given excellent results. **Vegetable Crops:** 1-4 pints per acre per application. **Field Crops:** Corn, peanuts, soybeans, small grains; use 2 to 3 pints per acre per application. At least 3 applications are suggested with additional applications being necessary for more severe deficiencies. More frequent applications at the lower rates will provide better results. **Turf, Greens, Tees:** Apply 5 to 6 ounces per 1000 sq. ft. in enough water to cover. Repeat as needed. **Fairways:** As a supplement to Dolomite, apply 2 to 4 gallons per acre in enough water to cover. In Florida, application rates should not exceed the recommendations in "BMP" for the Enhancement of Environmental Quality on Florida Golf Courses" found at: <http://www.dep.state.fl.us/water/nonpoint/pubs.htm>

### GUARANTEED ANALYSIS

**7-0-0**

### MAGNESIUM

#### Liquid Magnesium Nutritional Source for Crops

Total Nitrogen (N) .....	7.0%
7.0% Nitrate Nitrogen (N)	
Magnesium (Mg) .....	6.3%
6.3% Water Soluble Magnesium (Mg)	

*Derived from: Magnesium Nitrate*

### DIRECTIONS FOR USE

**Ground Foliar – Dilute:** Use a minimum of 100 gallons of water per acre – **Concentrate:** Use a minimum of 20 gallons of water per acre. **Aerial Application:** Do Not use without the addition of a non-ionic surfactant, in at least 5 gallons of water per acre. Apply with aircraft equipped with Beco-Mist type nozzles only.

- (1) When using less than 50 gallons of water per acre, a non-ionic surfactant at the recommended rate per 100 gallons of water will aid surface coverage and leaf absorption. NOTE: When using with citrus spray oils of the 435 class, surfactants are not needed.
- (2) Do not use with liquid foliar or ground fertilizer containing phosphates.
- (3) When compatibilities are unknown or questionable, contact your supplier or use a jar compatibility test.
- (4) A surfactant is necessary when using on young trees.

**WARNING**



**Causes skin and eye irritation  
May cause respiratory Irritation**

**Prevention:** Avoid breathing mists or sprays. Use only outdoors or in a well-ventilated area. Wash exposed areas thoroughly after use. Wear chemical splash proof goggles, face protection and protective gloves.

**Response: If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**If on skin:** Wash with plenty of water. If skin irritation occurs, get medical attention.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up

**Disposal:** Dispose of contents/containers in accordance with local/regional/national regulations (See Section 13 of SDS). Containers may be triple rinsed and offered for recycling.

**Keep away from children.** Do not drink. Do not contaminate feed, seed or water supplies. Do not allow to dry out.

### CONDITIONS OF SALE

Seller warrants that products will be labeled as required under state and federal law and that they conform to the label description. Any nonconformance must be reported in writing to Seller within thirty (30) days after purchase as a prerequisite to maintaining any claim against Seller. Buyer agrees to inspect all products purchased immediately upon delivery.

THE SELLER'S LIABILITY ON THIS WARRANTY IS LIMITED IN AMOUNT TO THE PURCHASE PRICE OF THE PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THIS STATEMENT.

Manufactured By:

**CHEMICAL DYNAMICS, INC.**

*Our Business Is To Help You Grow*

4206 Business Lane • Plant City, FL 33566  
(813) 752-4950 • Store Above 32°F F910  
Weight: 11.1 lbs. per gallon – .71 lbs. Mg/gallon

Net Weight: 27.75 pounds	Net Weight: 12.61 kilos
Net Contents: 2.50 gallons	Net Contents: 9.46 liters
Lot Number:	

**Specimen Label**