

ULTRA GRO MAG-ACID

0 - 0 - 0 - 3.0% MAGNESIUM

GUARANTEED ANALYSIS

Magnesium (Mg) 3.0%

Derived From: Magnesium sulfate

Magnesium is a bioavailable complex fermentation containing citric, lactic, Malic acid, gluconate, carbohydrate-amino acid, B vitamins complexed with the addition of siderophore yeast ferment complex

GENERAL INFORMATION

Ultra Gro 3% Magnesium Solution is a concentrate single element product designed for use as a foliar or soil applied nutrient on crops as part of a balanced nutrient management program. Ultra Gro MAG-Acid Magnesium is generally compatible with most pesticides and fertilizer solutions. Add to water before adding pesticides. Test for compatibility by means of a jar test prior to large scale tank mixing. Ultra Gro MAG-Acid Magnesium is intended for use as a plant nutrient supplement for the correction of magnesium deficiencies.

STORAGE AND HANDLING: Store in a sealed container in a cool dry place, out of direct sunlight. Store at temperatures above 32o degrees F and below 95o degrees F. Use within 36 hours of mixing.

CAUTION: KEEP OUT OF REACH OF CHILDREN

Caution

Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes eye irritation. Harmful if inhaled. May cause respiratory irritation.

PRECAUTIONARY STATEMENTS:

Do not handle until all safety precautions have been read and understood. Avoid breathing fume/mist/vapors spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye and face protection.

FIRST AID

- If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

DIRECTIONS FOR USE

- Designed to be applied by both soil and/or foliar application. • Ultra Gro MAG-A Magnesium should be applied when tissue and soil analysis identify the need and proper rate of application for this product. • Best results will be obtained when application is concentrated in the active root zone or on the leaf surface. Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers.
- If compatibility is in question, jar test a small quantity. • Apply foliar sprays with sufficient water to ensure uniform coverage without running off leaf surfaces. • Do not apply this product foliar in concentrations greater than 5%.
- For maximum results, apply in the early morning or in the evening when air temperatures are optimum for foliar application.
- Do not apply Ultra Gro MAG-A Magnesium during the hottest time of the day or to plants under drought or flood stress. • Application timing, intervals and rates may vary according to individual crop requirement, stage of development, available nutrient levels in the soil, and overall nutritional status of the crop.

CONDITIONS OF WARRANTY

Since weather, crop, soil and other conditions may vary, Ultra Gro LLC makes no warranty of any kind, expressed or implied, including any warranty of merchantability, concerning the use of this product. The user assumes all risks of use or handling whether in accordance with the directions or suggestions. Seller neither makes nor authorizes any agent or representative to make any other warranty, fitness or merchantability, guarantee or representation, in, express or implied, concerning this material. Critical and unforeseeable factors beyond seller's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include but are not limited to; damage to plants and crops to which the material is applied, lack of complete control, damage caused by drift to other plants or crops. Buyer and user acknowledge and assume all risks and liability resulting from handling, storage and use of material

Soil applications: Ultra Gro 3% Magnesium Solution may be made through drip systems, sprinkler systems, "fertigation" or sprayed/injected in a band. Ultra Gro 3% Magnesium Solution is recommended for use on all types of soils. The lower rates are for field, row and vegetable crops. The higher rates are for fruit, tree, and vine crops.

Soil Fertility Maintenance	1-3	quarts/acre
Mild Deficiency	0.5-1.5	gallons/acre
Severe Deficiency	1.5-3	gallons/acre

Foliar Applications: Ultra Gro 3% Magnesium Solution is a concentrated solution and should be diluted with enough water before use to ensure uniform coverage. Ground Equipment: Apply Ultra Gro 3% Magnesium with minimum 35 gallons of water per acre.

SUGGESTED APPLICATION

Crop	Foliar
Vegetable Crops Including: Beans, peas, potatoes, sweet corn, tomatoes, etc.	0.5 to 2 qts
Field Crops Including: Corn, dry beans, sorghum, sugar-beets, sugar cane, cotton, etc.	0.5 to 2 qts
Tree and Vine Crops Including: Almond, apple, apricot, avocado, berry, cherry, citrus, grape, olive, pear, peach, pistachio, plum, walnut, etc.	1.0 to 4 qts

Aerial Applications: 1 qt. of product per 5 gal. of water per acre. Maximum concentration of 1 qt. per 1 gal. of spray may be used.

DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 2 hours after application, it may be necessary to re-spray in 3 to 4 days. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

DO NOT apply with products that contain Phosphorus.

Weight per gallon: 10.4 (lb.) 4.8 at 68° F