

Coastal AgroBusiness, Inc.



Product Label

**NutriSol**

# **6% Magnesium**

## **GUARANTEED ANALYSIS**

**Total Nitrogen (N) .....7.8%**

**6.8% Nitrate Nitrogen**

**1.0% Urea Nitrogen**

**Magnesium (Mg) ..... 6%**

**(6% Water Soluble Magnesium)**

**Derived from Magnesium Nitrate and Urea**

**Weight per gallon: 11.2 lbs.**

## **CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

**Read entire label for additional Precautionary Statements.**



**Manufactured By:  
Coastal AgroBusiness, Inc.**

## GENERAL INFORMATION

**NutriSol 6% Magnesium** is a formulation designed to prevent and correct magnesium deficiencies on crops requiring magnesium. **NutriSol 6% Magnesium** is formulated for both soil and/or foliar applications. It may be applied in foliar applications to growing crops alone or with crop protection products and may also be applied directly to soil alone or with crop protection products or herbicides. **NutriSol 6% Magnesium** may be used in drip irrigation systems and is compatible with most water-dispersed pesticides. It may be applied by conventional, low-volume or air application and is recommended for all field, row, vegetable, fruit, tree, and vine crops.

Magnesium acts as a phosphorus carrier in plants and is essential for phosphate metabolism. It is an essential constituent of chlorophyll. Furthermore, it is also needed for cell division and protein formation, activation of several enzyme systems and is an essential component for plant respiration. Magnesium also stimulates seed production and promotes formation of oils and fats.

**WARNING** - Avoid co-application with phosphate-containing fertilizer solutions. **NutriSol 6% Magnesium** mixes readily with 32% and 28% Nitrogen as well as most herbicides, fungicides, and insecticides. However, a test for compatibility is recommended prior to large scale mixing

## PRECAUTIONARY STATEMENTS / HAZARDS TO HUMANS

**CAUTION: KEEP OUT OF REACH OF CHILDREN.** Harmful if swallowed or inhaled. Can cause skin, mucous membrane and eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

Do not apply this product in a manner as to directly or through drift expose workers or other persons. Always read and follow product labeling.

## STATEMENT OF PRACTICAL TREATMENT

**If Swallowed:** Give large amounts of water and induce vomiting. Get immediate medical attention. Never induce vomiting or give anything by mouth to an unconscious person.

**If In Eyes:** Flush eyes with copious amounts of clean water for at least 15 minutes. If irritation persists, seek medical attention.

**If On Skin:** Remove contaminated clothing and wash skin with soap and water. If irritation develops, get medical attention.

**NOTE:** If contact is made with spray solution containing pesticides, follow the "Statement of Practical Treatment" on the pesticide label.

## STORAGE AND DISPOSAL

Do not store near heat or open flame. Store in original container only. Keep container tightly closed and do not allow water to be introduced into the contents of this container. Keep from freezing. If damaged or leaking, soak up with absorbent material and place in suitable container for disposal. Transfer remaining product to suitable container for storage and label. Do not contaminate water, food or feed by storage or disposal. Do not contaminate water by runoff from equipment wash waters or

spray materials. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## AGRICULTURAL USE REQUIREMENTS AND USER SAFETY RECOMMENDATIONS

When used in conjunction with pesticides, consult pesticide manufacturer's label for worker protection recommendations. Use of waterproof gloves and protective eyewear is recommended when handling this product.

## DIRECTIONS FOR USE

**NutriSol 6% Magnesium** may be used in the soil or through foliar applications. For foliar use, multiple applications are generally more effective than a single application. It is recommended that a soil and/or tissue analysis be used to determine specific application rates. This product is compatible with most pesticides and fertilizers. However, a test for compatibility is recommended prior to large scale mixing. Always add **NutriSol 6% Magnesium** to water prior to the addition of pesticides and/or buffering agents.

## SOIL APPLICATION

**NutriSol 6% Magnesium** can be soil applied. Broadcast or band with water and/or pre-emerge herbicides and nitrogen solutions. Crops with severe deficiencies may require supplemental soil applications of **NutriSol 6% Magnesium** to maintain proper magnesium concentrations in the soil. For best results when soil applied, split applications should be utilized. Do not place in direct contact with seed or starter fertilizer. Do not apply with fertilizers containing phosphorus.

## FOLIAR APPLICATION

**NutriSol 6% Magnesium** can be foliarly applied. Apply up to 3 gallons per acre by ground or air in enough water to provide maximum coverage (typically a minimum of 25 gallons per acre). For crops requiring multiple magnesium applications above 3 gallons per acre, allow 10 to 14 days between applications. For foliar applications, **NutriSol 6% Magnesium** can be applied alone or in tank mixes with agricultural chemicals and fertilizers. The use of tissue tests is highly recommended to monitor levels of magnesium in the crop. Tissue tests will serve as an aid to establish and maintain correct levels of magnesium for optimum plant growth and will help in avoiding over application. Avoid foliar applications when plants are under moisture stress. Avoid foliar applications to deciduous tree crops during bloom.

## HOW TO APPLY

**At Planting:** In row beside and just below seed or band spray in a 4-6 inch width over the row.

**Broadcast:** In the fall, after harvest. Do not work deeply into the soil. Fall application will aid in the decay of stubble. In the spring when applying 32% or 28% Nitrogen and/or herbicide.

**Sidedress or Topdress:** Include with nitrogen when side or topdressing; whether all nitrogen is applied at one time or split applications are made, use **NutriSol 6% Magnesium** for optimum results and to stabilize nitrogen.

**Foliar Feeding:** Spray plants at “key stages” of plant growth in enough water to provide optimum coverage, typically in a minimum of 25 gallons of water per acre.

**Irrigation:** Use in drip, center pivot, or flood irrigation systems. Do not mix with fertilizers containing phosphorus.

RATE SELECTION CHART

CONDITION (All Crops)		RATE	
Maintenance		1-4 quarts/acre	
Light Deficiency		3-6 quarts/acre	
Severe Deficiency		1-3 gallons/acre	

  

Field and Row Crops: Foliar: 1 to 3 gallons/acre Soil: 2 to 5 gallons/acre	Vegetable Crops: Foliar: 2-4 gallons/acre Soil: 3 to 6 gallons/acre
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## MIXING

**With Agricultural Chemicals:** Follow pesticide label for mixing instructions with liquid fertilizers. A compatibility test is recommended. Then:

- Water
- **NutriSol 10% Magnesium**
- Agricultural Chemical(s)
- Agitate

**With Fertilizers:**

- 1/3 Liquid Fertilizer
- **NutriSol 6% Magnesium**
- Balance of Fertilizer
- Agitate

**Always mix well to insure proper distribution during application**

**NOTICE:** Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions contained on this label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage to plants, crops, and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.