

# MAGNESIUM-TO-PERFORM™

F002806

3 - 0 - 0

## GUARANTEED ANALYSIS

Total Nitrogen(N)	3.00%
3.0% Nitrate Nitrogen	
Magnesium (Mg)	4.20%
4.2% Water Soluble Magnesium(Mg)	
Sulfur (S)	1.40%
1.4% Combined Sulfur (S)	

Derived From: Magnesium Nitrate, Magnesium Sulfate



**Agri Technovation Inc.**  
516 Villa Ave, Ste 23,  
Clovis, CA, 93612



## DIRECTIONS FOR USE

MAGNESIUM-TO-PERFORM™ is recommended for use on all crops during plant growth periods that require relatively high levels of Magnesium. MAGNESIUM-TO-PERFORM™ is a fully water soluble, effective, readily available source of Magnesium for soil and foliar applications. MAGNESIUM-TO-PERFORM™ will be influenced by differences in crop varieties, soil and environmental conditions and should be applied under conditions of optimum plant growth. Optimum conditions are defined as adequate humidity, moderate temperatures and adequate soil moisture. Optimum conditions for foliar application to most crops generally occur during early morning or late evening hours.

- Do not apply to crops that are water or heat stressed or in very windy conditions.
- Wear suitable protective clothing when sprayed with other products.
- For best results with this product, the pH of the tank mixture should be between 5 and 6.
- This product should be applied as a foliar spray when crops have sufficient leaf area.
- For optimum results MAGNESIUM-TO-PERFORM™ should be used in a plant nutrition program. Recommendations should be based on soil and leaf analyses.
- Use a lower dosage per 100 gal at higher water volumes and a higher dosage per 100 gal at lower spray volumes.
- Where overhead systems are in use, avoid scheduling irrigation directly after application.

## CAUTION

Do not apply on wet fruit. Application can only take place once the fruit is dry. Do not apply to plants that are undergoing a period of moisture or heat stress, or during cool wet conditions. Do not store mixed product for more than 8 hours. Do NOT mix or apply in combination with Calcium containing products. Do not exceed the appropriate application rates.

## CAUTION

Use only as directed. Consult with your distributor, crop adviser or manufacturer should crop specific programs, or any other information be required around the use of this product.

## STORAGE & DISPOSAL

Store product in original container. DO NOT store in excessive cold or heat or direct sunlight. DO NOT reuse container. DO NOT contaminate water, food or feed by storage or disposal. Keep packaging closed, securely fastened and upright. Triple rinse or equivalent and dispose of container in accordance with local, state and federal regulations.

## APPLICATION RATES

The rate of application is dependent on the soil fertility and reaction required. See table of recommended application rates for foliar application. For other modes of application, consult a qualified advisor.

## MIXING

Agitate MAGNESIUM-TO-PERFORM™ well before dilution or use. Always mix MAGNESIUM-TO-PERFORM™ with sufficient quantities of water. Never apply MAGNESIUM-TO-PERFORM™ undiluted. Follow standard tank mixing procedures. Ensure good agitation throughout application.

## COMPATIBILITY

It is advisable to do a miscibility test prior to mixing with any other product and to consult with a qualified advisor or distributor.

## DISCLAIMER

The manufacturer, importer and seller make no express or implied warranties, including any warranty of merchantability, fitness for a particular purpose, or suitability. The product is sold "AS-IS". All sales are final. In no event will manufacturer, importer and seller have any liability for any damages, whether direct, incidental, special or consequential arising out of or in connection with any duty with respect to the product, including, but not limited to lost profits, lost sales or injury to persons or property. Manufacturer, importer and seller's liability on any claim of any kind, including but not limited to warranty, negligence, strict liability, and any other cause of action, for any loss or damage arising out of, connected with, or resulting from the performance or breach of the terms of sale of any goods, or any related services related to sale, delivery, resale, technical direction, inspection, operation or use of any goods or services or part of those goods or services will in no case exceed the purchase price allocable to the goods or services or part of those goods or services that gives rise to the claim. Manufacturer, importer and seller make no representation whatsoever with regard to whether any goods comply with the Occupational Safety and Health Act (OSHA), the Americans with Disabilities Act (ADA), or any other federal, state or local statute, law, ordinance or ruling. Customer, buyer and user assume all responsibility for use of product.

## LIQUID MAGNESIUM FOR FOLIAR APPLICATION.

STORE ABOVE 40°F

DENSITY: 10.43 LBS/GAL @ 68°F (20°C)

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

### KEEP OUT OF REACH OF CHILDREN

**WARNING** Causes skin irritation. Causes eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

Avoid breathing vapor. Wash face, hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing and eye protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 advice. Call a POISON CENTER or doctor if you feel unwell. Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of container in accordance with regulations.

NET CONTENTS: 265 GALLONS (1003.13 Liters)  
NET WEIGHT: 2 764.48 LBS (1 253.95 kg)

## APPLICATION RATES

Crop	Maximum rate per acre	Rate per 100 gal water	Additional information
Avocados	1 gal	1 - 2 qt	Start application at 2/3 shoot elongation. Repeat 2 - 3 times at 10-day intervals.
Carrots	2 qt	5 qt	Apply during the vegetative growth stage. Repeat every 14 - 21 days if necessary.
Citrus	1 gal	1 qt	Application 3 - 4 weeks after 100% petal fall and repeat 3 - 4 weeks later.
Cruciferae	2 qt	5 qt	Apply 4 weeks after planting. Repeat if necessary.
Lettuce	2 qt	5 qt	Apply during the vegetative growth stage. Repeat every 14 days if necessary.
Corn	1 - 2 qt	2 - 4 qt	Application at the V4 - V6 stages. Repeat if necessary.
Mango and lychees	1 gal	1 - 2 qt	Start application at 2/3 shoot elongation. Repeat 2 - 3 times at 10-day intervals.
Onions	2 qt	5 qt	Apply 4 weeks after emergence and repeat 2 - 3 times if necessary 21 days apart.
Pome Fruit	1 gal	1 - 2 qt	Apply 1 or 2 applications 6 weeks after petal drop, depending on the leaf analysis.
Potatoes	2 qt	5 qt	Apply during tuber development. Repeat as necessary.
Soybeans, dry beans, sunflower	1 - 2 qt	2 - 4 qt	Application at the V4 - V6 stages. Repeat if necessary.

## APPLICATION RATES

Crop	Maximum rate per acre	Rate per 100 gal water	Additional information
Stone Fruit	1 gal	1 - 2 qt	Apply 1 or 2 applications 6 weeks after petal drop, depending on the leaf analysis.
Strawberries	2 qt	5 qt	Apply during the vegetative growth stage. Repeat every 14 days if necessary.
Pecans	1 gal	2 qt	Application at the V4 - V6 stages. Applications during nut set and nut fill stages. Applications according to leaf analysis.
Table and wine grapes	2.5 qt	5 qt	Apply when shoots are at 8 to 20 inches. Repeat 2 - 3 times at 10-day intervals depending on the variety and fertilizer program. Apply from veraison onwards to help prevent bunch stem necrosis (waterberry).
Tobacco	2 qt	2 - 3 qt	First application 3 weeks after planting and repeat every 14 - 21 days as necessary.
Tomatoes	2 qt	5 qt	Start application when 4 - 6 leaves are fully expanded. Repeat every 14 days if necessary.
Wheat, canola, barley, durum	1 - 2 qt	4 - 5 qt	Apply during early vegetative stages as well as tillering and stem elongation.
Almonds	1 gal	1 - 2 qt	Apply 1 or 2 applications 4 weeks after petal drop and repeat 2 weeks later.
Pistachios	1 gal	1 - 2 qt	Early May and repeat in August.

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