

SPRAY MAG

SPRAY GRADE MAGNESIUM NITRATE
7.3-0-0-6.3



Product Information:

SPRAY MAG is a unique, concentrated solution of Magnesium Nitrate. It is manufactured in a patented, high-temperature process for use as a foliar crop spray in order to fully satisfy or correct all agricultural crop requirements for Magnesium. **SPRAY MAG** is precisely pH balanced for safety as a foliar nutritional spray for application with minimal dilution.

SPRAY MAG can be used as a carrier for most pesticides and nutritional supplements except phosphatic compounds. Compared to Magnesium Sulfate, **SPRAY MAG** is significantly more cost effective and more agronomically beneficially as the most soluble source of Magnesium available. University research shows that Magnesium Nitrate is directly taken up by plant tissue with greater efficiency and speed than any other source of Magnesium. Magnesium, as the central atom of chlorophyll, is directly responsible for better leaf and fruit color, more so than any other nutrient. A Magnesium leaf tissue level of 0.35% or greater should be maintained for maximum production. Soil-applied Magnesium can be significantly reduced or eliminated with the use of **SPRAY MAG**.

Rates:

Foliar Application: For maintenance or deficiency prevention, apply 1-3 gallons of **SPRAY MAG** per acre, 2-3 times per season. To correct deficiencies, use 4-5 gallons per acre at least 2 times per growing season. For best results, follow soil and leaf tissue analysis recommendations.

Ground Sprayer Application: **SPRAY MAG** can be applied in either a concentrate or a diluted spray program at the recommended application rates. Deep, penetrating coverage is not necessary when applying **SPRAY MAG** separately.

Aerial Application: Generally, **SPRAY MAG** can be applied at the recommended application rates by aircraft with at least 50% or greater dilution with water. Depending on conditions, more dilution may be necessary as determined by applicator in order to avoid crop injury. Aircraft equipped with "micronairs" for small particle size are preferred.

Mixing Instructions: For best results and safety, **SPRAY MAG** should be applied separately. At applicator discretion, most insecticides and fungicides are after applicator has conducted a small jar compatibility test. Test amounts of such applicator combinations of other additives with **SPRAY MAG** should then be applied to a small portion of the crop in order to determine crop injury, if any. Phosphorus containing materials are not acceptable. **SPRAY MAG** should be added last in the tank mix sequence.

MANUFACTURED BY:

Plant Food Systems, Inc. F248
2827 Union St. P.O. Box 775, Zellwood, FL 32798
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Active Ingredients

Guaranteed Analysis:

Total Nitrogen (N).....	7.30%
7.30% Nitrate Nitrogen	
Water Soluble Magnesium (Mg).....	6.30%
(Derived From: Magnesium Nitrate)	

NUTRIENT CONTENT % BY WEIGHT

Total Nitrogen, minimum.....	7.30%
Nitrate Nitrogen, minimum.....	7.30%
Magnesium Content as Mg, minimum.....	6.30%

PHYSICAL PROPERTIES

Specific Gravity at 60°F.....	1.33
Salting out Temperature, F.....	32*
pH.....	5-6
Color.....	Yellowish
Weight, Pounds per Gallon.....	11.08
Gallons per Ton.....	180.5

Pounds Elemental

Supplied from:	Nitrogen	Magnesium
1 gallon:	0.82	0.71
2 gallons:	1.64	1.42
3 gallons:	2.46	2.13
4 gallons:	3.29	2.84
5 gallons:	4.11	3.54

* **SPRAY MAG**'s unique manufacturing process is protected by the following patents:

Reactor: 4724132

NOTICE: Warning. Under most conditions, **SPRAY MAG** can be applied as recommended. However, many contingent risk factors may exist and crop injury is always a possibility whenever foliar sprays are applied to citrus trees. Seller warrants that this product conforms only to its chemical description as stated on the label. The product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use. Neither this warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of the product contrary to label instructions or under abnormal conditions or under conditions not reasonable foreseeable to the seller. Buyer assumes any and all risks associated with any such use of this product.

NET CONTENTS:

- 2.5 gallons
- 5 gallons
- 30 gallons
- 55 gallons

CAUTION - KEEP OUT OF REACH OF CHILDREN

May cause skin irritation. Avoid contact with eyes, skin or clothing. If exposure occurs, wash exposed area thoroughly with excessive water.

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Warranty Disclaimer. Plant Food Systems, Inc. provides no warranty of any kind, expressed or implied, except that the product will conform to the chemical description on the label only and in no event be liable, whether or not foreseeable.

