

PRODUCT INFORMATION:

Bio Basics MAG is a liquid plant food containing magnesium which is an essential component of chlorophyll, for activating plant enzyme systems and photosynthesis and for the regulation of phosphorus uptake. Bio Basics MAG is 100 % water soluble for improved nutrient availability and uptake by plant leaves and roots.

COMPATIBILITY WITH OTHER MATERIALS:

Bio Basics MAG is compatible with most liquid fertilizers, insecticides, herbicides and nematocides. Check the compatibility of untried chemical mixes. Always jar test when in doubt.

DIRECTIONS FOR USE:

Apply in irrigation water or surface apply. Use 2 to 4 oz. per 1000 sq. ft. at 7 to 14 day intervals as needed based on soil and tissue testing. Use with 3 to 5 gallons of water per 1000 sq. ft. of turf area as a carrier. Make additional applications as needed based on soil and tissue testing. Use 2-gallons/1000 sq. ft. as a carrier. Allow to dry (30 to 45 minutes) and water in. Always use best management practices.



Manufactured and Guaranteed By:
Medina Agriculture Products Co., Inc.
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Phone: 830-426-3011

Bio Basics[®]

Mag

*A Liquid Magnesium and Sulfur
Product for Magnesium and
Sulfur Deficiencies in Turf*



Guaranteed Analysis

Total Magnesium (Mg) 4.00%
4% Water Soluble Magnesium (Mg)

Sulfur (S) as combined 5.00%

DERIVED FROM:
Magnesium Sulfate and water

NET CONTENTS:
2.5 Gallons/9.46 Liters
10.27 Lbs. Per Gallon at 68°F

NET WEIGHT:
25.67 Lbs. (11.64 KG)

NOTICE OF WARRANTY: Medina Agriculture Products, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. Product ineffectiveness and other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product not in accordance with the directions, all of which are beyond the control of Medina Agriculture Products, Inc. In no case shall Medina Agriculture Products, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product that is not in accordance with the directions. Medina Agriculture Products, Inc. makes no warranties of merchantability or fitness for a particular purpose, nor any other express or implied warranty except as stated above.

CAUTION: Harmful if swallowed. May be harmful or irritating to eyes, skin and respiratory system. Do not ingest. Avoid contact with skin and eyes. Do not inhale spray mist.

Bio Basics™
Mag

Technical Product Specifications/Guideline



Product Analysis

4% Magnesium Sulfate
5% Sulfur

A plant food source to maximize nutrient correction and help with K uptake

Features/Benefits

- Necessary for protein synthesis and enzyme activation
- Deficiency will affect size, structure and function of chloroplasts
- Chlorosis is the visible symptom for Magnesium deficiency (lower rate of photosynthesis)
- Root growth is affected by magnesium deficiency to a much greater extent than shoot growth
- Promotes proper K levels in plants
- Magnesium deficient plants have demonstrated a greater loss in dry root weight than K deficient plants (Bouma et al '79)

Suggested Rates

Normal maintenance: 2 to 4 oz. per 1000 sq. ft. (tissue test to verify)

Corrective rate: 4 to 6 oz. per 1000 sq. ft.

Use 2-gallons/1000 sq.ft. as a carrier. Allow to dry (30 to 45 minutes) and water in. Always use best managment practices.

Manufactured & Guaranteed By:
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