



**BENEFITS:**

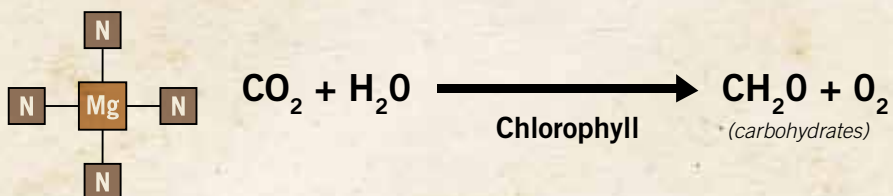
**COLOR ENHANCEMENT**

**CHLOROPHYLL PRODUCTION**

**CALCIUM & IRON MOBILITY**

*Defense-Mag* is packed as a dry powder for ease of handling, longer shelf life, and reduced shipping costs.

**MAGNESIUM** - Necessary for chlorophyll production; also important for nitrogen, iron, and calcium utilization and for amino acid and sugar production. *Defense-Mag* is a reformulated concentration of 6% magnesium and 4% manganese organic acid chelate for soil applications designed to help correct identified magnesium deficiencies in the soil. The organic chelation ensures rapid plant availability and encourages microbial proliferation in the soil. *Defense-Mag* also contains organic acids to enhance solubility and beneficial microorganism activity.



**NUTRIENT ANALYSIS**

**Magnesium (Mg)**.....6.00%  
**Manganese (Mn)**.....4.00%  
 Derived from magnesium sulfate, manganese sulfate and citric acid.

4 x 3.6 lb (1.6kg) jugs; 36 lb (16.3 kg) pail

**PROFESSIONAL USE GUIDELINES ②**

**APPLICATION:**

Open container that is partially filled with soluble concentrated powder. Top off container with water, leaving enough head space to agitate (warm water is better). Replace cap and shake vigorously. Add to agitating spray tank. Apply with any type equipment that delivers an even spray pattern to the target area. Lightly water in immediately after application.

**RATE OF APPLICATION:**

*Defense-Mag* is not recommended if either the irrigation water or the soil has high levels of magnesium. For actively growing turf, apply 14.4 lb (4 containers) / acre (12.8 kg [8 containers] / ha) every 4-6 weeks as needed. Do not apply to turf under heavy stress.

**COMPATIBILITY:**

*Defense-Mag* is tank mix compatible with many systemic fungicides, insecticides, and nutrient solutions. Jar test when in doubt. *Defense-Mag* will tend to dramatically lower the pH of the spray solution. For best mixing results, remove tank strainer prior to product addition.

DISTRIBUTED BY

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