



CAL MAG MAX 7-0-3

With 4% CALCIUM & 2% MAGNESIUM

- AIDS IN UTILIZATION OF NUTRIENTS
- GREATER TRAFFIC TOLERANCE

GUARANTEED ANALYSIS:

Total Nitrogen (N)	7%
7% Nitrate Nitrogen	
Soluble Potash (K ₂ O)	3%
Calcium (Ca)	4%
4% Chelated Calcium (Ca)	
Magnesium (Mg)	2%
2% Chelated Magnesium (Mg)	

Derived From: Calcium Nitrate, Calcium Glucoheptonate, Magnesium Glucoheptonate, Potassium Nitrate. Chelating Agent: Glucoheptonate.

PRODUCT SPECIFICATIONS:

Weight per gallon	12.14 lbs.
Weight per liter	1.45 kg
pH	6
Each gallon contains048 lb Ca and 0.24 lbs Mg
Each liter contains0058 kg Ca and 0.029 kg Mg

CALCIUM / MAGNESIUM DEFICIENCIES:

Calcium and Magnesium are very important secondary nutrients and part of the chlorophyll molecule which is necessary for sugar formation. Inadequate amounts of Magnesium will first appear as a general loss of green color at bottoms of older leaves (interveinal chlorosis). Continued deficiency will also affect younger leaves, followed by formation of lesions. Calcium and Magnesium deficiencies occur mostly in soils with a high pH over 8 and acidic soils with a pH less than 6.5. High levels of calcium and potassium will also reduce Magnesium uptake.

Turf Applications: Soil testing is necessary to determine levels. Where Calcium and Magnesium levels are deficient or marginal, apply Cal Mag Max throughout the growing season. This can be added to any fertilizer spray solution.

STORAGE & HANDLING:

Storage: May be stored in a normal warehouse area and is not affected by heat or freezing temperatures. Cal Mag Max does not need any special agitation. It has a neutral pH and is not corrosive or abrasive.

Dilution: Cal Mag Max can be diluted by either adding the concentrate to water or the water to concentrate without any detrimental effects on the final mixed product. Appropriate quantities of water should be added prior to adding potassium, pesticides, fungicides and herbicides.

Mixing: Cal Mag Max is NOT compatible with phosphate fertilizers, and must be mixed and applied separately. First be diluted with water prior to mixing with other nutrients or pesticides. The following mixing procedures should be used after Cal Mag Max has been diluted with water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water solubles, 4. surfactants, 5. emulsifiable concen-

- CORRECTS CA TO MG RATIO IN TISSUES
- DEVELOPS STRONG CELL WALLS

trates. Be sure to agitate during each addition, mix well before adding next product. Apply all of mixture that day. Do not mix with strong acid materials. Be sure to read all mixing instructions prior to tank mixing solutions.

Turf Application	
Application	Rate
Tees, Greens and All Types of Warm and Cool Season Grasses	Apply 1-3 oz of Cal Mag Max per 1,000 ft ² with sufficient water for good coverage.
Roughs	Apply every 4 - 6 weeks at 1 gal per acre to add color and turgidity

Nursery Applications		
Application	Rate	Notes
Containerized Crops, Woody & Flowering Ornamentals, Foliage, Field-Grown Nursery Stock And Trees	Foliar Spray: 1 quart per 100 gal of water (250 ml in 100 L water)	Thoroughly spray to point of run-off. Apply every 2-4 weeks.
Hand Watering	2 tsp to 1 tbs per gal water (10 - 15 ml per 4 L water)	Saturate soil. Apply every 2-4 weeks.

Trees, Shrubs & Ornamentals:	
Application	Rate
Foliar Spray	24 - 36 oz in 100 gallons of water (188-280 ml in 100 L water)

Greenhouse & Nursery Injection Ratio		
Ratio	Concentration	Application
1:100	100 PPM N	13 oz. per gallon of water (90 ml in 1 L Water)

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)



WARNING

H303 May be Harmful if Swallowed
H316 Causes Mild Skin Irritation
H320 Causes Eye Irritation

Manufactured in the USA by:

