



CAL MAG MAX 7-0-3

WITH 4% CHELATED CALCIUM & 2% CHELATED MAGNESIUM

- **100% Sugar-Acid Chelate**
- **More Soluble Than Any Other Calcium Source**

GUARANTEED ANALYSIS:

Total Nitrogen (N)7%
 7% Nitrate Nitrogen
 Soluble Potash (K₂O)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.
 Weight per gallon12.14 lbs.
 pH 6

PRODUCT DESCRIPTION:

Cal Mag Max is Growth Products' fertilizer designed specifically to satisfy the special needs of plugs and other plants grown in soil-less media. This product breaks the barriers between fertilizers and micronutrients, giving you the best of both. Cal Mag Max contains the perfect 2 to 1 ratio of calcium to magnesium. The calcium and magnesium are 100% chelated with a special sugar-acid chelate. Cal Mag Max works faster and is less wasteful because it is completely available as a foliar or soil drench. Use Cal Mag Max as a supplement, and in alternate feeding with a standard fertilizer.

APPLICATION RECOMMENDATIONS:

Cal Mag Max needs no mixing and will not settle out of solution. Like all Growth Products, it is ideal for any type of fertigation system, drip irrigation or spray equipment. Use Cal Mag Max on all types of bedding plants, perennials, cut flowers, plugs, ornamentals, nursery crops, trees, foliage and container plants.

Direct Siphon: Cal Mag Max can be siphoned directly from the original container. This can be done with a variable proportioner that can be set to high ratios. This eliminates the need to mix stock concentrates or stir the mixing barrels. For 100 PPM nitrogen, set injector to 1:1000; for 200 PPM, set injector to 1:500.

Parts Per Million: Use the Parts Per Million chart to choose desired nitrogen ratio.

Foliar Feeding: When using overhead irrigation, Cal Mag Max provides dual efficiency since the nutrients will be absorbed by both the leaves and roots. Mix 1/3 - 1/2 oz per gallon (2 tsp - 1 tbs / gal). Spray until run off.

Hand Watering: Mix 1 to 2 teaspoon Cal Mag Max per gallon of water. Saturate soil with mix.

STORAGE & HANDLING:

Storage: All Growth Products horticultural fertilizers can be stored

- **All Nitrate Nitrogen For Low-Light Periods**
- **Ideal For Hardening Of Plants**

in normal warehouse areas. Do not store Cal Mag Max below 32° for long periods of time. In freezing temperatures Cal Mag Max may develop precipitate, which should disappear when restored to room temperature. Cal Mag Max has an alkaline pH and is not corrosive. Always store in its original container and keep sealed.

Mixing: Cal Mag Max is compatible with other technical chemicals including fungicides and insecticides, and can be mixed and sprayed in one application. Do not mix with phosphate fertilizers.

Crop Programs	
Plant / Crop:	Application Rate per acre
Berries	Use 1-2 quarts per acre. Thoroughly wet leaves to run off. (2 - 5 liters per hectare)
Citrus Trees:	Use 2-4 quarts per acre. Thoroughly wet leaves to run off. (5 - 9 liters per hectare)
Fertigation:	Apply 1 - 2 quarts per acre via drip tape or low volume irrigation. (2- 4 L per Ha)
Foliar Spray: Tomatoes, Small Fruit, Grapes and Other Vegetables	Use 1-2 quarts in a minimum of 50 gallons of water with ground spray equipment. Apply at least 6 times per season to correct minor nutrient deficiencies. Wet leaves to run off .(2- 5 L per 200 L water)
Greenhouse & Shadehouse:	Apply 1 - 2 quarts per 100 gal water as a foliar spray. Repeat every 1 - 2 months or as needed. (250 - 500 ml per 100 liters water)
Liners and Plugs:	Apply 8 oz - 1 qt per 100 gallons water as foliar spray (63 - 250 ml per 100 liters water)
Nut Trees	Use 2 - 3 qt per 100 gallons water as foliar spray (2 - 3 L per 400 L water)
Tropical Fruits	Use 1/2-1 gallon per 100 gallons of water. Thoroughly wet leaves to run off. (2 - 3 L per per 400 L water)
Turfgrass and Sod Farms	1-2 gal per acre in a minimum of 50 gal of water. (9 - 19 liters per hectare)
Geranium	Set injector at 100 PPM of Nitrogen to get optimal Ca and Mg level (96 ml per liter of water at 1:100 ratio)
Poinsettia	To finish, set injector to 125 PPM of nitrogen (120 ml per liter of water at 1:100 ratio)
Chrysanthemums / Fluorette	100 PPM of nitrogen once a week in place of fertilizer (13 fl oz per gallon of water) (96 ml per liter water at 1:100 ratio)

Nursery Applications		
Application	Rate	Notes
Containerized and Field Grown Crops, (including but not limited to): Deciduous and Evergreen Trees, Foliage, Ornamental Grasses, Perennials, Tropicals, Woody Ornamentals	Foliar Spray: 1-2 quart per 100 gal of water (250-500 ml in 100 L water) For smaller applications mix 2 tsp to 1 tbs per gal water	Thoroughly spray to point of run-off. Apply every 2-4 weeks.

Cal Mag Max 7-0-3						
Fluid Ounces of Cal Mag Max per Gallon of Stock Tank Water						
PPM Nitrogen	25	50	75	100	200	300
PPM Calcium	11	21	32	43	86	129
PPM Magnesium	7	14	21	29	57	86
1:500	16	32	48	64	127	286
1:300	10	19	29	38	76	172
1:200	6	13	19	25	51	114
1:100	3	6	10	13	25	38
1:50	1.5	3	5	6	13	19
1:15 Ratio for Hozon Proportioner						
1:15	0.5	0.95	1.43	1.91	3.82	5.72

CAUTION: Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

Condition of Sale and Warranty: Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Manufactured in the USA by:

