



Cal Mag Max 7-0-3

With 4% Chelated Calcium & 2% Chelated Magnesium

- **100% Sugar-Acid Chelate**
- **Immediately Available to Plant**
- **More Soluble Than Any Other Calcium Source**
- **All Nitrate Nitrogen For Low-Light Periods**
- **Balanced Calcium Magnesium Ratio**
- **Ideal For Hardening Of Plants**

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 gallon 12.14 lbs.

Cal Mag Max 7-0-3 EC Readings			
Nitrogen PPM	EC (mmhos/cm)	Nitrogen PPM	EC (mmhos/cm)
25	0.11	200	0.86
50	0.22	300	1.29
75	0.32	400	1.72
100	0.43	500	2.15

Product Description:

Cal Mag Max is Growth Products' fertilizer designed specifically to satisfy the special needs of plugs and other plants grown in soilless 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.

Drench: Use the *Drench Rates* charts in order to calculate application by specific number of pots. Ideal for field grown and containerized nursery stock as an alternative to top dressing with granulars.

Drench Rate Per Container		
Pot Size	Tank Mix Applied Per Pot	Number Of Pots Per 100 Gallon Tank Mix
4"	2 fl. oz.	6400
5"	3.5 fl. oz.	3657
6"	6.2 fl. oz.	2065
1 Gal.	9.3 fl. oz.	1376
2 Gal.	20 fl. oz.	640
3 Gal.	35 fl. oz.	366

Foliar Feeding: When using overhead irrigation, Cal Mag Max gives you dual efficiency since the nutrients will be absorbed by both the leaves and roots. For tender plants and greenhouse foliar spray applications, use one-half the rate (PPM) you would normally use for drip irrigation feeding.

Hand Watering: Mix 1 to 1 1/4 teaspoon Cal Mag Max per gallon of water. Saturate soil with mix.

Storage & Handling:

Storage: All Growth Products horticultural fertilizers can be stored 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.

Cal Mag Max 7-0-3								
Fluid Ounces Of Cal Mag Max Per Gallon Of Water								
PPM Nitrogen:	25	50	75	100	150	200	300	400
PPM Calcium:	11	21	32	43	64	86	129	171
PPM Magnesium:	7	14	21	29	43	57	86	114
PPM Potassium:	13	25	38	50	75	100	150	200
1:500	15.90	31.80	47.71	63.61	95.41	127.22		
1:300	9.54	19.08	28.62	38.16	57.25	76.33	114.49	
1:200	6.36	12.72	19.08	25.44	38.16	50.89	76.33	101.77
1:100	3.18	6.36	9.54	12.72	19.08	25.44	38.16	50.89
1:50	1.59	3.18	4.77	6.36	9.54	12.72	19.08	25.44
1:15 Ratio for Hozon Proportioner								
1:15	0.48	0.95	1.43	1.91	2.86	3.82	5.72	N/A