

# Cal-Mag

**14-4-14** **PLUS** TRACE ELEMENTS

With 5% Calcium and 2% Magnesium

A Poinsettia growing formula high in molybdenum with high nitrate nitrogen, calcium and magnesium all combined into a totally soluble mix. Test nutrient levels in both water and growing media prior to use. Suggested rate of application is at 200 to 300 PPM Nitrogen. Use growth results and nutritional monitoring to adjust this rate.

For Continuous Liquid Feeding  
**GUARANTEED ANALYSIS**

Total Nitrogen (N) .....	14%
2.39% Ammoniacal Nitrogen	
11.61% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	4%
Soluble Potash (K <sub>2</sub> O) .....	14%
Calcium (Ca) .....	5%
Magnesium (Mg) .....	2%
2% Water Soluble Magnesium (Mg)	
Boron (B) .....	0.02%
Copper (Cu) .....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe) .....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.001%
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

Derived from Ammonium Phosphate, Ammonium Nitrate, Potassium Nitrate, Magnesium Nitrate, Calcium Nitrate, Borax, Sodium Molybdate and the EDTA form of Copper, Iron, Manganese, and Zinc. Potential basicity equivalent to 60 lbs. Calcium Carbonate per ton.

CAUTION: This product is to be used on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> F593 060714

**MIXING RATE FOR VARIOUS PPM NITROGEN**

Parts Per Million		50	100	150	200	300	400
Ounces of Fertilizer Required per Gallon of Concentrate							
Injector Ratios	1:15	0.71	1.43	2.14	2.86	4.28	5.71
	1:50	2.38	4.76	7.14	9.52	14.28	19.04
	1:100	4.76	9.52	14.28	19.04	28.56	38.08
	1:200	9.52	19.04	28.56	38.08	57.12	*
	1:300	14.28	28.56	42.84	57.12	*	*
EC (+/- 10%) mmhos/cm		.37	.73	1.10	1.46	2.19	2.92

\*Maximum solubility approx. 3 lbs 12 ozs. per gallon.



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